Astrodienst Ephemeris Tables

from the year 50 BCE for 50 years

tropical geocentric zodiac

contains Sun, Moon, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, True Node, Moon's Node, Lilith, Chiron

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

Astrodienst AG, Dammstr. 23, CH-8702 Zollikon / Zürich, www.astro.com / order@astro.com

ASTRODIENST EPHEMERIS for the year 50 BCE
geocentric

JANUARY 50 BCE (-49) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 30 1	8♑30'51	5♓ 0	25°R54	19♑10	3♏46	18°R10	11♎11	29°R48	0°R24	22°R18	4°D10	5♍40	16♉25	n.a.	S 1
S 2	6 33 58	9°31'49	17°44	25♐ 9	20°26	4°24	18♋ 2	11°13	29♌47	0♌22	22♊17	4♍10	5°37	16°31	n.a.	S 2
M 3	6 37 54	10°32'45	0♈ 7	24°32	21°41	5° 3	17°54	11°15	29°45	0°21	22°16	4°11	5°33	16°38	n.a.	M 3
T 4	6 41 51	11°33'40	12°14	24° 5	22°56	5°41	17°46	11°17	29°44	0°19	22°15	4°R12	5°30	16°45	n.a.	T 4
W 5	6 45 48	12°34'34	24°11	23°45	24°11	6°19	17°38	11°19	29°42	0°18	22°13	4°11	5°27	16°51	n.a.	W 5
T 6	6 49 44	13°35'25	6♉ 2	23°35	25°26	6°57	17°30	11°21	29°41	0°16	22°12	4° 8	5°24	16°58	n.a.	T 6
F 7	6 53 41	14°36'16	17°53	23°D32	26°41	7°36	17°22	11°22	29°39	0°15	22°11	4° 3	5°21	17° 5	n.a.	F 7
S 8	6 57 37	15°37'05	29°48	23°36	27°56	8°14	17°14	11°24	29°38	0°13	22°10	3°56	5°18	17°12	n.a.	S 8
S 9	7 1 34	16°37'52	11♊49	23°47	29°11	8°52	17° 6	11°25	29°36	0°11	22° 9	3°47	5°14	17°18	n.a.	S 9
M10	7 5 30	17°38'38	23°59	24° 5	0♒26	9°31	16°58	11°27	29°34	0°10	22° 7	3°38	5°11	17°25	n.a.	M10
T 11	7 9 27	18°39'22	6♋21	24°29	1°41	10° 9	16°50	11°28	29°33	0° 8	22° 6	3°29	5° 8	17°32	n.a.	T 11
W12	7 13 23	19°40'05	18°54	24°59	2°56	10°47	16°42	11°29	29°31	0° 6	22° 5	3°22	5° 5	17°38	n.a.	W12
T 13	7 17 20	20°40'46	1♌39	25°33	4°11	11°25	16°34	11°30	29°29	0° 5	22° 4	3°16	5° 2	17°45	n.a.	T 13
F 14	7 21 17	21°41'26	14°36	26°12	5°26	12° 3	16°27	11°31	29°27	0° 3	22° 3	3°12	4°58	17°52	n.a.	F 14
S 15	7 25 13	22°42'04	27°45	26°55	6°41	12°42	16°19	11°32	29°25	0° 1	22° 2	3°D10	4°55	17°59	n.a.	S 15
S 16	7 29 10	23°42'41	11♍ 5	27°43	7°56	13°20	16°11	11°32	29°24	29♋59	22° 1	3°10	4°52	18° 5	n.a.	S 16
M17	7 33 6	24°43'16	24°37	28°33	9°10	13°58	16° 3	11°33	29°22	29°58	22° 0	3°12	4°49	18°12	n.a.	M17
T 18	7 37 3	25°43'50	8♎20	29°28	10°25	14°36	15°55	11°34	29°20	29°56	21°59	3°13	4°46	18°19	n.a.	T 18
W19	7 40 59	26°44'23	22°16	0♑25	11°40	15°14	15°47	11°34	29°18	29°55	21°58	3°R14	4°43	18°25	n.a.	W19
T 20	7 44 56	27°44'54	6♏22	1°25	12°55	15°52	15°40	11°34	29°16	29°53	21°57	3°14	4°39	18°32	n.a.	T 20
F 21	7 48 52	28°45'25	20°39	2°27	14°10	16°30	15°32	11°34	29°13	29°51	21°56	3°12	4°36	18°39	n.a.	F 21
S 22	7 52 49	29°45'53	5♐ 4	3°32	15°24	17° 8	15°25	11°R35	29°11	29°50	21°55	3° 9	4°33	18°46	n.a.	S 22
S 23	7 56 46	0♒46'21	19°32	4°39	16°39	17°46	15°17	11°35	29° 9	29°48	21°54	3° 4	4°30	18°52	n.a.	S 23
M24	8 0 42	1°46'46	3♑58	5°49	17°54	18°24	15°10	11°34	29° 7	29°46	21°53	2°59	4°27	18°59	n.a.	M24
T 25	8 4 39	2°47'11	18°17	7° 0	19° 8	19° 2	15° 2	11°34	29° 5	29°45	21°52	2°55	4°24	19° 6	n.a.	T 25
W26	8 8 35	3°47'33	2♒22	8°13	20°23	19°40	14°55	11°34	29° 2	29°43	21°51	2°51	4°20	19°12	n.a.	W26
T 27	8 12 32	4°47'53	16°10	9°28	21°38	20°18	14°48	11°33	29° 0	29°41	21°50	2°48	4°17	19°19	n.a.	T 27
F 28	8 16 28	5°48'12	29°37	10°45	22°52	20°56	14°41	11°33	28°58	29°40	21°49	2°D47	4°14	19°26	n.a.	F 28
S 29	8 20 25	6°48'29	12♓43	12° 3	24° 7	21°34	14°34	11°32	28°56	29°38	21°48	2°48	4°11	19°33	n.a.	S 29
S 30	8 24 21	7°48'43	25°28	13°22	25°21	22°12	14°27	11°32	28°53	29°36	21°47	2°49	4° 8	19°39	n.a.	S 30
M31	8 28 18	8♒48'55	7♈53	14♑43	26♒36	22♏50	14♋21	11♎31	28♌51	29♋35	21♊47	2♍51	4♍ 4	19♉46	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s25	9s51	0s 5	20s 4	3n34	23s38	1s20	12s 0	0n58	23n13	0n47	2s 7	2n34	12n24	0n48	20n38	0n22	23n26	0s 2	10n 5	9n32	12n16		n.a.
S 2	23 21	6 0	1 12	20 6	3 31	23 28	1 21	12 14	0 57	23 15	0 47	2 8	2 34	12 25	0 48	20 39	0 22	23 26	0 2	10 5	9 33	12 18		n.a.
M 3	23 16	2 1	2 15	20 10	3 25	23 17	1 22	12 27	0 57	23 16	0 47	2 8	2 34	12 26	0 48	20 39	0 22	23 26	0 2	10 5	9 34	12 19		n.a.
T 4	23 11	1n59	3 10	20 15	3 19	23 5	1 23	12 40	0 56	23 17	0 47	2 9	2 34	12 26	0 48	20 39	0 22	23 26	0 2	10 5	9 36	12 21		n.a.
W 5	23 6	5 50	3 56	20 22	3 11	22 53	1 24	12 54	0 56	23 18	0 47	2 9	2 35	12 27	0 48	20 40	0 22	23 26	0 2	10 5	9 37	12 23		n.a.
T 6	23 0	9 25	4 31	20 30	3 3	22 40	1 25	13 7	0 55	23 19	0 48	2 10	2 35	12 27	0 48	20 40	0 22	23 26	0 2	10 6	9 38	12 24		n.a.
F 7	22 53	12 37	4 55	20 39	2 54	22 27	1 26	13 20	0 55	23 21	0 48	2 10	2 35	12 28	0 48	20 41	0 22	23 26	0 2	10 8	9 39	12 26		n.a.
S 8	22 46	15 20	5 6	20 49	2 44	22 12	1 26	13 33	0 54	23 22	0 48	2 10	2 35	12 28	0 48	20 41	0 22	23 26	0 2	10 10	9 40	12 27		n.a.
S 9	22 39	17 25	5 4	21 0	2 33	21 58	1 27	13 46	0 54	23 23	0 48	2 11	2 36	12 29	0 48	20 41	0 22	23 26	0 2	10 13	9 41	12 29		n.a.
M10	22 31	18 46	4 48	21 11	2 23	21 42	1 27	13 58	0 53	23 24	0 48	2 11	2 36	12 30	0 48	20 42	0 22	23 26	0 2	10 17	9 43	12 31		n.a.
T 11	22 23	19 14	4 19	21 23	2 12	21 26	1 28	14 11	0 53	23 25	0 48	2 11	2 36	12 30	0 48	20 42	0 22	23 26	0 1	10 20	9 44	12 32		n.a.
W12	22 14	18 47	3 36	21 35	2 1	21 9	1 28	14 24	0 52	23 26	0 48	2 12	2 37	12 31	0 48	20 42	0 22	23 26	0 1	10 23	9 45	12 34		n.a.
T 13	22 5	17 22	2 42	21 47	1 50	20 51	1 29	14 36	0 52	23 28	0 48	2 12	2 37	12 32	0 48	20 43	0 22	23 26	0 1	10 25	9 46	12 35		n.a.
F 14	21 56	15 3	1 39	22 0	1 39	20 33	1 29	14 49	0 51	23 29	0 49	2 12	2 37	12 32	0 48	20 43	0 22	23 26	0 1	10 26	9 47	12 37		n.a.
S 15	21 46	11 55	0 29	22 12	1 28	20 15	1 29	15 1	0 51	23 30	0 49	2 12	2 37	12 33	0 48	20 43	0 22	23 26	0 1	10 27	9 49	12 39		n.a.
S 16	21 36	8 9	0n43	22 24	1 17	19 56	1 30	15 13	0 50	23 31	0 49	2 12	2 38	12 34	0 48	20 44	0 22	23 26	0 1	10 27	9 50	12 40		n.a.
M17	21 25	3 54	1 54	22 35	1 6	19 36	1 30	15 25	0 49	23 32	0 49	2 12	2 38	12 34	0 48	20 44	0 22	23 26	0 1	10 27	9 51	12 42		n.a.
T 18	21 14	0s36	3 0	22 46	0 56	19 15	1 30	15 37	0 49	23 33	0 49	2 12	2 38	12 35	0 48	20 45	0 22	23 26	0 1	10 26	9 52	12 43		n.a.
W19	21 2	5 7	3 56	22 56	0 45	18 54	1 30	15 49	0 48	23 34	0 49	2 12	2 38	12 36	0 48	20 45	0 22	23 26	0 1	10 26	9 53	12 45		n.a.
T 20	20 50	9 25	4 38	23 6	0 35	18 33	1 30	16 1	0 47	23 35	0 49	2 12	2 39	12 37	0 48	20 45	0 22	23 26	0 1	10 26	9 54	12 47		n.a.
F 21	20 38	13 13	5 4	23 15	0 25	18 11	1 30	16 12	0 47	23 36	0 49	2 11	2 39	12 37	0 48	20 46	0 22	23 26	0 1	10 26	9 56	12 48		n.a.
S 22	20 25	16 16	5 11	23 23	0 16	17 49	1 29	16 24	0 46	23 37	0 49	2 11	2 39	12 38	0 48	20 46	0 22	23 26	0 1	10 28	9 57	12 50		n.a.
S 23	20 12	18 19	4 59	23 31	0 6	17 26	1 29	16 35	0 45	23 38	0 49	2 11	2 39	12 39	0 48	20 46	0 22	23 26	0 1	10 29	9 58	12 51		n.a.
M24	19 59	19 11	4 28	23 37	0s 3	17 2	1 29	16 47	0 45	23 39	0 49	2 11	2 40	12 40	0 48	20 47	0 22	23 26	0 1	10 31	9 59	12 53		n.a.
T 25	19 45	18 48	3 40	23 43	0 12	16 38	1 28	16 58	0 44	23 40	0 50	2 10	2 40	12 41	0 48	20 47	0 22	23 26	0 1	10 33	10 0	12 55		n.a.
W26	19 31	17 16	2 39	23 47	0 21	16 14	1 28	17 9	0 43	23 41	0 50	2 10	2 40	12 41	0 49	20 48	0 22	23 26	0 0	10 34	10 1	12 56		n.a.
T 27	19 16	14 44	1 30	23 51	0 29	15 49	1 27	17 20	0 43	23 41	0 50	2 10	2 41	12 42	0 49	20 48	0 22	23 26	0 0	10 35	10 3	12 58		n.a.
F 28	19 1	11 27	0 17	23 53	0 37	15 24	1 27	17 31	0 42	23 42	0 50	2 9	2 41	12 43	0 49	20 48	0 22	23 26	0 0	10 35	10 4	12 59		n.a.
S 29	18 46	7 42	0s54	23 54	0 45	14 59	1 26	17 41	0 41	23 43	0 50	2 9	2 41	12 44	0 49	20 49	0 22	23 26	0 0	10 35	10 5	13 1		n.a.
S 30	18 31	3 41	2 1	23 54	0 53	14 33	1 25	17 52	0 40	23 44	0 50	2 8	2 41	12 45	0 49	20 49	0 22	23 26	0 0	10 35	10 6	13 2		n.a.
M31	18s15	0n24	3s 1	23s52	1s 0	14s 6	1s24	18s 2	0n40	23n45	0n50	2s 8	2n42	12n46	0n49	20n49	0n22	23n26	0s 0	10n34	10n 7	13n 4		n.a.

Julian Day Number = 1703160.5, Delta T = 03h04m31s
Ecliptic obliquity = 23°41'55, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°45'13, Lahiri = - 4°38'13 Julian Calendar 1 Jan. 50 BCE == Greg. Calendar 30 Dec. 051 BCE

The year -49 astronomical counting style corresponds to year 050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 50 BCE
geocentric

FEBRUARY 50 BCE (-49) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 32 15	9♒49'05	20♈ 4	16♉ 6	27♒50	23♏27	14°R14	11°R30	28°R48	29°R33	21°R46	2♍52	4♍ 1	19♉53	n.a.	T 1
W 2	8 36 11	10°49'14	2♉ 4	17°29	29° 5	24° 5	14♋ 7	11♎29	28♌46	29♋31	21♊45	2°53	3°58	19°59	n.a.	W 2
T 3	8 40 8	11°49'19	13°58	18°55	0♓19	24°43	14° 1	11°28	28°44	29°30	21°44	2°R54	3°55	20° 6	n.a.	T 3
F 4	8 44 4	12°49'23	25°50	20°21	1°34	25°20	13°55	11°26	28°41	29°28	21°43	2°53	3°52	20°13	n.a.	F 4
S 5	8 48 1	13°49'24	7♊46	21°48	2°48	25°58	13°49	11°25	28°39	29°27	21°43	2°52	3°49	20°20	n.a.	S 5
S 6	8 51 57	14°49'24	19°49	23°17	4° 2	26°36	13°43	11°24	28°36	29°25	21°42	2°49	3°45	20°26	n.a.	S 6
M 7	8 55 54	15°49'21	2♋ 4	24°47	5°17	27°13	13°37	11°22	28°34	29°23	21°41	2°47	3°42	20°33	n.a.	M 7
T 8	8 59 50	16°49'15	14°33	26°19	6°31	27°51	13°31	11°21	28°31	29°22	21°41	2°44	3°39	20°40	n.a.	T 8
W 9	9 3 47	17°49'08	27°18	27°51	7°45	28°28	13°26	11°19	28°29	29°20	21°40	2°42	3°36	20°47	n.a.	W 9
T 10	9 7 43	18°48'58	10♌19	29°25	8°59	29° 6	13°20	11°17	28°26	29°19	21°39	2°40	3°33	20°53	n.a.	T 10
F 11	9 11 40	19°48'47	23°38	1♒ 0	10°14	29°43	13°15	11°15	28°24	29°17	21°39	2°40	3°30	21° 0	n.a.	F 11
S 12	9 15 37	20°48'33	7♍12	2°36	11°28	0♐21	13°10	11°13	28°21	29°15	21°38	2°D39	3°26	21° 7	n.a.	S 12
S 13	9 19 33	21°48'17	20°59	4°13	12°42	0°58	13° 5	11°11	28°18	29°14	21°38	2°40	3°23	21°13	n.a.	S 13
M14	9 23 30	22°47'59	4♎56	5°51	13°56	1°35	13° 1	11° 9	28°16	29°12	21°37	2°41	3°20	21°20	n.a.	M14
T 15	9 27 26	23°47'40	19° 2	7°31	15°10	2°13	12°56	11° 7	28°13	29°11	21°37	2°41	3°17	21°27	n.a.	T 15
W16	9 31 23	24°47'18	3♏12	9°11	16°24	2°50	12°52	11° 4	28°11	29° 9	21°36	2°42	3°14	21°34	n.a.	W16
T 17	9 35 19	25°46'55	17°25	10°54	17°38	3°27	12°47	11° 2	28° 8	29° 8	21°36	2°43	3°10	21°40	n.a.	T 17
F 18	9 39 16	26°46'30	1♐38	12°37	18°52	4° 4	12°43	10°59	28° 5	29° 7	21°35	2°R43	3° 7	21°47	n.a.	F 18
S 19	9 43 12	27°46'03	15°48	14°21	20° 5	4°41	12°39	10°57	28° 3	29° 5	21°35	2°42	3° 4	21°54	n.a.	S 19
S 20	9 47 9	28°45'34	29°54	16° 7	21°19	5°18	12°36	10°54	28° 0	29° 4	21°34	2°42	3° 1	22° 0	n.a.	S 20
M21	9 51 6	29°45'04	13♑52	17°54	22°33	5°55	12°32	10°51	27°58	29° 2	21°34	2°42	2°58	22° 7	n.a.	M21
T 22	9 55 2	0♓44'32	27°41	19°42	23°47	6°32	12°29	10°49	27°55	29° 1	21°34	2°41	2°55	22°14	n.a.	T 22
W23	9 58 59	1°43'57	11♒19	21°32	25° 1	7° 9	12°26	10°46	27°52	29° 0	21°33	2°41	2°51	22°21	n.a.	W23
T 24	10 2 55	2°43'21	24°42	23°23	26°14	7°46	12°23	10°43	27°50	28°58	21°33	2°41	2°48	22°27	n.a.	T 24
F 25	10 6 52	3°42'42	7♓51	25°15	27°28	8°23	12°20	10°40	27°47	28°57	21°33	2°41	2°45	22°34	n.a.	F 25
S 26	10 10 48	4°42'01	20°43	27° 9	28°42	9° 0	12°17	10°36	27°45	28°56	21°32	2°41	2°42	22°41	n.a.	S 26
S 27	10 14 45	5°41'18	3♈21	29° 3	29°55	9°36	12°15	10°33	27°42	28°54	21°32	2°41	2°39	22°48	n.a.	S 27
M28	10 18 41	6♓40'33	15♈43	0♓59	1♈ 9	10♐13	12♋12	10♎30	27♌39	28♋53	21♊32	2♍40	2♍35	22♉54	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s59	4n22	3s51	23s49	1s 7	13s39	1s23	18s13	0n39	23n45	0n50	2s 7	2n42	12n46	0n49	20n50	0n22	23n26	0s 0	10n34	10n 8	13n 6		n.a.
W 2	17 42	8 5	4 31	23 45	1 13	13 12	1 23	18 23	0 38	23 46	0 50	2 6	2 42	12 47	0 49	20 50	0 22	23 26	0 0	10 33	10 10	13 7		n.a.
T 3	17 26	11 27	4 58	23 40	1 20	12 45	1 22	18 33	0 37	23 47	0 50	2 6	2 42	12 48	0 49	20 50	0 22	23 26	0n 0	10 33	10 11	13 9		n.a.
F 4	17 9	14 22	5 13	23 33	1 26	12 17	1 20	18 43	0 36	23 48	0 50	2 5	2 43	12 49	0 49	20 51	0 22	23 26	0 0	10 33	10 12	13 10		n.a.
S 5	16 51	16 41	5 14	23 25	1 31	11 49	1 19	18 53	0 36	23 48	0 50	2 4	2 43	12 50	0 49	20 51	0 22	23 26	0 0	10 34	10 13	13 12		n.a.
S 6	16 34	18 18	5 1	23 15	1 36	11 21	1 18	19 2	0 35	23 49	0 50	2 3	2 43	12 51	0 49	20 52	0 22	23 26	0 0	10 35	10 14	13 13		n.a.
M 7	16 16	19 6	4 35	23 4	1 41	10 52	1 17	19 12	0 34	23 50	0 50	2 3	2 43	12 52	0 49	20 52	0 22	23 26	0 0	10 36	10 15	13 15		n.a.
T 8	15 58	19 0	3 55	22 51	1 46	10 23	1 15	19 21	0 33	23 50	0 50	2 2	2 44	12 53	0 49	20 52	0 22	23 26	0 0	10 37	10 17	13 17		n.a.
W 9	15 39	17 56	3 3	22 37	1 50	9 54	1 14	19 31	0 32	23 51	0 50	2 1	2 44	12 53	0 49	20 53	0 22	23 26	0 0	10 37	10 18	13 18		n.a.
T 10	15 21	15 55	2 0	22 21	1 54	9 24	1 13	19 40	0 31	23 51	0 50	2 0	2 44	12 54	0 49	20 53	0 22	23 26	0 1	10 38	10 19	13 20		n.a.
F 11	15 2	13 0	0 50	22 3	1 57	8 55	1 11	19 49	0 30	23 52	0 50	1 59	2 44	12 55	0 49	20 53	0 22	23 26	0 1	10 38	10 20	13 21		n.a.
S 12	14 43	9 21	0n25	21 44	2 0	8 25	1 10	19 58	0 29	23 52	0 50	1 58	2 45	12 56	0 49	20 54	0 22	23 27	0 1	10 38	10 21	13 23		n.a.
S 13	14 23	5 8	1 40	21 24	2 3	7 55	1 8	20 7	0 28	23 53	0 50	1 57	2 45	12 57	0 49	20 54	0 22	23 27	0 1	10 38	10 22	13 24		n.a.
M14	14 4	0 36	2 49	21 2	2 5	7 24	1 6	20 15	0 27	23 53	0 50	1 56	2 45	12 58	0 49	20 54	0 22	23 27	0 1	10 38	10 24	13 26		n.a.
T 15	13 44	4s 0	3 50	20 38	2 7	6 54	1 4	20 24	0 26	23 54	0 50	1 55	2 45	12 59	0 49	20 55	0 22	23 27	0 1	10 38	10 25	13 27		n.a.
W16	13 24	8 23	4 36	20 12	2 8	6 23	1 3	20 32	0 25	23 54	0 50	1 54	2 45	13 0	0 49	20 55	0 22	23 27	0 1	10 37	10 26	13 29		n.a.
T 17	13 4	12 19	5 6	19 45	2 9	5 52	1 1	20 40	0 24	23 55	0 50	1 53	2 46	13 1	0 49	20 55	0 22	23 27	0 1	10 37	10 27	13 31		n.a.
F 18	12 43	15 32	5 17	19 16	2 9	5 21	0 59	20 48	0 23	23 55	0 50	1 51	2 46	13 2	0 49	20 55	0 22	23 27	0 1	10 37	10 28	13 32		n.a.
S 19	12 23	17 49	5 9	18 46	2 9	4 50	0 57	20 56	0 22	23 55	0 50	1 50	2 46	13 3	0 49	20 56	0 22	23 27	0 1	10 37	10 29	13 34		n.a.
S 20	12 2	19 0	4 42	18 13	2 9	4 19	0 55	21 4	0 21	23 56	0 50	1 49	2 46	13 4	0 49	20 56	0 22	23 27	0 1	10 37	10 30	13 35		n.a.
M21	11 41	19 0	3 59	17 39	2 8	3 48	0 53	21 12	0 20	23 56	0 50	1 48	2 46	13 4	0 49	20 56	0 22	23 27	0 1	10 38	10 32	13 37		n.a.
T 22	11 20	17 52	3 2	17 4	2 6	3 16	0 51	21 19	0 19	23 56	0 50	1 46	2 47	13 5	0 49	20 57	0 22	23 27	0 1	10 38	10 33	13 38		n.a.
W23	10 58	15 43	1 56	16 26	2 4	2 45	0 48	21 27	0 18	23 57	0 50	1 45	2 47	13 6	0 49	20 57	0 23	23 27	0 1	10 38	10 34	13 40		n.a.
T 24	10 37	12 44	0 44	15 47	2 2	2 13	0 46	21 34	0 17	23 57	0 50	1 44	2 47	13 7	0 49	20 57	0 23	23 27	0 1	10 38	10 35	13 41		n.a.
F 25	10 15	9 10	0s29	15 6	1 59	1 41	0 44	21 41	0 16	23 57	0 50	1 42	2 47	13 8	0 49	20 58	0 23	23 27	0 1	10 38	10 36	13 43		n.a.
S 26	9 53	5 13	1 38	14 24	1 55	1 10	0 42	21 48	0 14	23 57	0 50	1 41	2 47	13 9	0 49	20 58	0 23	23 27	0 2	10 38	10 37	13 44		n.a.
S 27	9 31	1 8	2 42	13 40	1 51	0 38	0 39	21 55	0 13	23 58	0 50	1 39	2 48	13 10	0 49	20 58	0 23	23 27	0 2	10 38	10 39	13 46		n.a.
M28	9s 9	2n55	3s37	12s54	1s47	0s 6	0s37	22s 1	0n12	23n58	0n50	1s38	2n48	13n11	0n49	20n58	0n23	23n27	0n 2	10n38	10n40	13n47		n.a.

Julian Day Number = 1703191.5, Delta T = 03h04m31s
Ecliptic obliquity = 23°41'55, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°45'09, Lahiri = - 4°38'09 Julian Calendar 1 Feb. 50 BCE == Greg. Calendar 30 Jan. 050 BCE

The year -49 astronomical counting style corresponds to year 050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 50 BCE
geocentric

MARCH 50 BCE (-49) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 22 38	7♓39'45	27♈53	2♓57	2♈22	10♐49	12°R10	10°R26	27°R37	28°R52	21°R32	2°R40	2♍32	23♉ 1	n.a.	T 1
W 2	10 26 34	8°38'55	9♉54	4°55	3°36	11°26	12♋ 8	10♎23	27♌34	28♋51	21♊32	2♍39	2°29	23° 8	n.a.	W 2
T 3	10 30 31	9°38'03	21°48	6°55	4°49	12° 2	12° 7	10°20	27°32	28°49	21°32	2°39	2°26	23°14	n.a.	T 3
F 4	10 34 28	10°37'08	3♊41	8°56	6° 2	12°39	12° 5	10°16	27°29	28°48	21°31	2°38	2°23	23°21	n.a.	F 4
S 5	10 38 24	11°36'11	15°36	10°58	7°16	13°15	12° 4	10°12	27°27	28°47	21°31	2°D38	2°20	23°28	n.a.	S 5
S 6	10 42 21	12°35'12	27°39	13° 0	8°29	13°51	12° 3	10° 9	27°24	28°46	21°31	2°38	2°16	23°35	n.a.	S 6
M 7	10 46 17	13°34'10	9♋53	15° 4	9°42	14°27	12° 2	10° 5	27°22	28°45	21°31	2°39	2°13	23°41	n.a.	M 7
T 8	10 50 14	14°33'06	22°24	17° 8	10°55	15° 3	12° 1	10° 1	27°19	28°44	21°D31	2°40	2°10	23°48	n.a.	T 8
W 9	10 54 10	15°32'00	5♌14	19°13	12° 8	15°39	12° 1	9°57	27°17	28°43	21°31	2°41	2° 7	23°55	n.a.	W 9
T 10	10 58 7	16°30'51	18°26	21°18	13°21	16°15	12° 0	9°53	27°15	28°42	21°31	2°42	2° 4	24° 1	n.a.	T 10
F 11	11 2 3	17°29'40	2♍ 0	23°23	14°34	16°51	12°D 0	9°49	27°12	28°41	21°31	2°R43	2° 1	24° 8	n.a.	F 11
S 12	11 6 0	18°28'26	15°55	25°27	15°47	17°27	12° 0	9°45	27°10	28°40	21°31	2°42	1°57	24°15	n.a.	S 12
S 13	11 9 57	19°27'11	0♎ 8	27°31	17° 0	18° 3	12° 0	9°41	27° 7	28°39	21°32	2°41	1°54	24°22	n.a.	S 13
M14	11 13 53	20°25'54	14°34	29°35	18°13	18°38	12° 1	9°37	27° 5	28°38	21°32	2°39	1°51	24°28	n.a.	M14
T 15	11 17 50	21°24'34	29° 8	1♈37	19°26	19°14	12° 1	9°33	27° 3	28°37	21°32	2°37	1°48	24°35	n.a.	T 15
W16	11 21 46	22°23'13	13♏43	3°38	20°39	19°49	12° 2	9°29	27° 0	28°36	21°32	2°34	1°45	24°42	n.a.	W16
T 17	11 25 43	23°21'50	28°14	5°36	21°51	20°25	12° 3	9°25	26°58	28°35	21°32	2°32	1°41	24°49	n.a.	T 17
F 18	11 29 39	24°20'26	12♐36	7°33	23° 4	21° 0	12° 4	9°20	26°56	28°34	21°32	2°31	1°38	24°55	n.a.	F 18
S 19	11 33 36	25°18'59	26°45	9°27	24°16	21°35	12° 5	9°16	26°54	28°34	21°33	2°D30	1°35	25° 2	n.a.	S 19
S 20	11 37 32	26°17'31	10♑40	11°18	25°29	22°10	12° 7	9°12	26°52	28°33	21°33	2°31	1°32	25° 9	n.a.	S 20
M21	11 41 29	27°16'02	24°21	13° 6	26°41	22°45	12° 8	9° 7	26°49	28°32	21°33	2°32	1°29	25°15	n.a.	M21
T 22	11 45 26	28°14'30	7♒47	14°51	27°54	23°20	12°10	9° 3	26°47	28°32	21°34	2°34	1°26	25°22	n.a.	T 22
W23	11 49 22	29°12'57	20°59	16°32	29° 6	23°55	12°12	8°59	26°45	28°31	21°34	2°35	1°22	25°29	n.a.	W23
T 24	11 53 19	0♈11'22	3♓58	18° 9	0♉19	24°29	12°15	8°54	26°43	28°30	21°34	2°R36	1°19	25°36	n.a.	T 24
F 25	11 57 15	1° 9'45	16°45	19°42	1°31	25° 4	12°17	8°50	26°41	28°30	21°35	2°35	1°16	25°42	n.a.	F 25
S 26	12 1 12	2° 8'06	29°20	21°11	2°43	25°38	12°20	8°45	26°39	28°29	21°35	2°32	1°13	25°49	n.a.	S 26
S 27	12 5 8	3° 6'26	11♈44	22°35	3°55	26°12	12°22	8°41	26°37	28°29	21°36	2°29	1°10	25°56	n.a.	S 27
M28	12 9 5	4° 4'43	23°58	23°55	5° 7	26°47	12°25	8°36	26°35	28°28	21°36	2°24	1° 6	26° 2	n.a.	M28
T 29	12 13 1	5° 2'58	6♉ 3	25°10	6°19	27°21	12°28	8°32	26°34	28°28	21°37	2°18	1° 3	26° 9	n.a.	T 29
W30	12 16 58	6° 1'12	18° 1	26°21	7°31	27°54	12°32	8°27	26°32	28°27	21°37	2°12	1° 0	26°16	n.a.	W30
T 31	12 20 54	6♈59'23	29♉54	27♈26	8♉43	28♐28	12♋35	8♎23	26♌30	28♋27	21♊38	2♍ 7	0♍57	26♉23	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	8s47	6n47	4s21	12s 7	1s42	0n26	0s34	22s 8	0n11	23n58	0n50	1s36	2n48	13n12	0n49	20n59	0n23	23n27	0n 2	10n38	10n41	13n49			n.a.
W 2	8 25	10 19	4 52	11 18	1 36	0 57	0 32	22 14	0 9	23 58	0 50	1 35	2 48	13 13	0 49	20 59	0 23	23 27	0 2	10 38	10 42	13 50			n.a.
T 3	8 2	13 24	5 11	10 27	1 30	1 29	0 29	22 21	0 8	23 58	0 50	1 33	2 48	13 13	0 49	20 59	0 23	23 27	0 2	10 39	10 43	13 52			n.a.
F 4	7 40	15 56	5 17	9 35	1 23	2 1	0 27	22 27	0 7	23 58	0 50	1 32	2 48	13 14	0 49	20 59	0 23	23 27	0 2	10 39	10 44	13 54			n.a.
S 5	7 17	17 48	5 9	8 42	1 16	2 33	0 24	22 33	0 6	23 59	0 50	1 30	2 49	13 15	0 49	21 0	0 23	23 27	0 2	10 39	10 46	13 55			n.a.
S 6	6 55	18 53	4 47	7 47	1 8	3 4	0 21	22 38	0 4	23 59	0 50	1 29	2 49	13 16	0 49	21 0	0 23	23 27	0 2	10 39	10 47	13 57			n.a.
M 7	6 32	19 8	4 12	6 51	0 59	3 36	0 19	22 44	0 3	23 59	0 50	1 27	2 49	13 17	0 49	21 0	0 23	23 28	0 2	10 38	10 48	13 58			n.a.
T 8	6 9	18 27	3 25	5 54	0 50	4 7	0 16	22 50	0 2	23 59	0 50	1 25	2 49	13 18	0 49	21 0	0 23	23 28	0 2	10 38	10 49	14 0			n.a.
W 9	5 46	16 48	2 26	4 57	0 41	4 39	0 13	22 55	0 0	23 59	0 50	1 24	2 49	13 19	0 49	21 1	0 23	23 28	0 2	10 38	10 50	14 1			n.a.
T 10	5 23	14 14	1 18	3 58	0 31	5 10	0 11	23 0	0s 1	23 59	0 50	1 22	2 49	13 19	0 49	21 1	0 23	23 28	0 2	10 37	10 51	14 3			n.a.
F 11	5 0	10 49	0 4	2 59	0 21	5 41	0 8	23 5	0 3	23 59	0 50	1 20	2 49	13 20	0 49	21 1	0 23	23 28	0 2	10 37	10 52	14 4			n.a.
S 12	4 36	6 43	1n12	1 59	0 10	6 12	0 5	23 10	0 4	23 59	0 50	1 19	2 50	13 21	0 49	21 1	0 23	23 28	0 2	10 37	10 54	14 6			n.a.
S 13	4 13	2 10	2 26	0 59	0n 1	6 43	0 2	23 15	0 6	23 59	0 50	1 17	2 50	13 22	0 49	21 1	0 23	23 28	0 2	10 38	10 55	14 7			n.a.
M14	3 50	2s34	3 31	0n 1	0 12	7 14	0n 1	23 20	0 7	23 59	0 50	1 15	2 50	13 23	0 49	21 2	0 23	23 28	0 3	10 38	10 56	14 9			n.a.
T 15	3 27	7 11	4 23	1 0	0 23	7 44	0 4	23 24	0 9	23 58	0 50	1 14	2 50	13 23	0 49	21 2	0 23	23 28	0 3	10 39	10 57	14 10			n.a.
W16	3 3	11 23	4 58	1 59	0 34	8 15	0 7	23 29	0 10	23 58	0 50	1 12	2 50	13 24	0 49	21 2	0 23	23 28	0 3	10 40	10 58	14 12			n.a.
T 17	2 40	14 53	5 14	2 57	0 46	8 45	0 9	23 33	0 12	23 58	0 50	1 10	2 50	13 25	0 49	21 2	0 23	23 28	0 3	10 41	10 59	14 13			n.a.
F 18	2 16	17 26	5 10	3 54	0 57	9 15	0 12	23 37	0 14	23 58	0 50	1 8	2 50	13 26	0 49	21 2	0 23	23 28	0 3	10 41	11 0	14 15			n.a.
S 19	1 53	18 52	4 47	4 50	1 9	9 45	0 15	23 41	0 15	23 58	0 50	1 6	2 50	13 26	0 49	21 2	0 23	23 28	0 3	10 42	11 2	14 16			n.a.
S 20	1 29	19 9	4 8	5 44	1 20	10 14	0 18	23 45	0 17	23 58	0 50	1 5	2 50	13 27	0 49	21 3	0 23	23 28	0 3	10 41	11 3	14 18			n.a.
M21	1 6	18 17	3 15	6 37	1 30	10 44	0 21	23 48	0 19	23 58	0 49	1 3	2 50	13 28	0 48	21 3	0 23	23 29	0 3	10 41	11 4	14 19			n.a.
T 22	0 42	16 24	2 12	7 27	1 41	11 13	0 24	23 52	0 20	23 57	0 49	1 1	2 50	13 29	0 48	21 3	0 23	23 29	0 3	10 40	11 5	14 21			n.a.
W23	0 19	13 40	1 3	8 16	1 51	11 42	0 27	23 55	0 22	23 57	0 49	0 59	2 50	13 29	0 48	21 3	0 23	23 29	0 3	10 40	11 6	14 22			n.a.
T 24	0n 5	10 17	0s 8	9 2	2 0	12 10	0 30	23 59	0 24	23 57	0 49	0 58	2 51	13 30	0 48	21 3	0 23	23 29	0 3	10 40	11 7	14 24			n.a.
F 25	0 28	6 28	1 17	9 46	2 9	12 39	0 33	24 2	0 26	23 57	0 49	0 56	2 51	13 31	0 48	21 3	0 23	23 29	0 3	10 40	11 8	14 25			n.a.
S 26	0 51	2 25	2 21	10 28	2 17	13 7	0 36	24 5	0 27	23 56	0 49	0 54	2 51	13 31	0 48	21 3	0 23	23 29	0 3	10 41	11 10	14 27			n.a.
S 27	1 15	1n39	3 18	11 6	2 24	13 34	0 39	24 8	0 29	23 56	0 49	0 52	2 51	13 32	0 48	21 3	0 23	23 29	0 3	10 42	11 11	14 28			n.a.
M28	1 38	5 37	4 4	11 43	2 31	14 2	0 42	24 11	0 31	23 56	0 49	0 50	2 51	13 33	0 48	21 4	0 23	23 29	0 3	10 44	11 12	14 30			n.a.
T 29	2 2	9 17	4 39	12 16	2 37	14 29	0 45	24 13	0 33	23 55	0 49	0 49	2 51	13 33	0 48	21 4	0 23	23 29	0 3	10 46	11 13	14 31			n.a.
W30	2 25	12 33	5 2	12 47	2 42	14 55	0 48	24 16	0 35	23 55	0 49	0 47	2 51	13 34	0 48	21 4	0 23	23 29	0 4	10 48	11 14	14 32			n.a.
T 31	2n48	15n17	5s11	13n15	2n46	15n22	0n51	24s18	0s37	23n55	0n49	0s45	2n51	13n34	0n48	21n 4	0n23	23n29	0n 4	10n50	11n15	14n34			n.a.

Julian Day Number = 1703219.5, Delta T = 03h04m30s
Ecliptic obliquity = 23°41'56, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°45'05, Lahiri = - 4°38'05 Julian Calendar 1 March 50 BCE == Greg. Calendar 27 Feb. 050 BCE

The year -49 astronomical counting style corresponds to year 050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 50 BCE
geocentric

APRIL 50 BCE (-49) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 24 51	7♈57'33	11♊46	28♈27	9♉55	29♐ 2	12♋39	8°R18	26°R28	28°R26	21♊38	2°R 2	0♍54	26♉29	n.a.	F 1
S 2	12 28 48	8°55'40	23°40	29°23	11° 7	29°35	12°43	8♎14	26♌26	28♋26	21°39	1♍59	0°51	26°36	n.a.	S 2
S 3	12 32 44	9°53'46	5♋41	0♉13	12°18	0♑ 8	12°46	8° 9	26°25	28°26	21°39	1°D58	0°47	26°43	n.a.	S 3
M 4	12 36 41	10°51'49	17°52	0°59	13°30	0°42	12°51	8° 5	26°23	28°25	21°40	1°58	0°44	26°50	n.a.	M 4
T 5	12 40 37	11°49'51	0♌20	1°39	14°42	1°15	12°55	8° 0	26°22	28°25	21°41	1°59	0°41	26°56	n.a.	T 5
W 6	12 44 34	12°47'50	13° 9	2°14	15°53	1°48	12°59	7°56	26°20	28°25	21°41	2° 1	0°38	27° 3	n.a.	W 6
T 7	12 48 30	13°45'48	26°22	2°44	17° 5	2°20	13° 4	7°51	26°19	28°25	21°42	2°R 2	0°35	27°10	n.a.	T 7
F 8	12 52 27	14°43'43	10♍ 1	3° 9	18°16	2°53	13° 9	7°47	26°17	28°25	21°43	2° 2	0°32	27°16	n.a.	F 8
S 9	12 56 23	15°41'37	24° 7	3°28	19°27	3°25	13°14	7°42	26°16	28°25	21°44	2° 0	0°28	27°23	n.a.	S 9
S 10	13 0 20	16°39'29	8♎37	3°43	20°38	3°57	13°19	7°38	26°14	28°24	21°44	1°56	0°25	27°30	n.a.	S 10
M11	13 4 16	17°37'19	23°25	3°52	21°49	4°29	13°24	7°34	26°13	28°24	21°45	1°50	0°22	27°37	n.a.	M11
T 12	13 8 13	18°35'08	8♏25	3°R55	23° 1	5° 1	13°29	7°29	26°12	28°D24	21°46	1°44	0°19	27°43	n.a.	T 12
W13	13 12 10	19°32'55	23°26	3°54	24°12	5°33	13°35	7°25	26°10	28°24	21°47	1°37	0°16	27°50	n.a.	W13
T 14	13 16 6	20°30'41	8♐19	3°48	25°22	6° 4	13°41	7°21	26° 9	28°24	21°48	1°30	0°12	27°57	n.a.	T 14
F 15	13 20 3	21°28'26	22°57	3°38	26°33	6°36	13°46	7°16	26° 8	28°25	21°48	1°25	0° 9	28° 3	n.a.	F 15
S 16	13 23 59	22°26'09	7♑16	3°23	27°44	7° 7	13°52	7°12	26° 7	28°25	21°49	1°22	0° 6	28°10	n.a.	S 16
S 17	13 27 56	23°23'51	21°12	3° 4	28°55	7°38	13°59	7° 8	26° 6	28°25	21°50	1°D21	0° 3	28°17	n.a.	S 17
M18	13 31 52	24°21'33	4♒46	2°41	0♊ 5	8° 8	14° 5	7° 3	26° 5	28°25	21°51	1°22	29♌59	28°24	n.a.	M18
T 19	13 35 49	25°19'13	18° 0	2°15	1°16	8°39	14°11	6°59	26° 4	28°25	21°52	1°23	29°57	28°30	n.a.	T 19
W20	13 39 45	26°16'52	0♓56	1°46	2°26	9° 9	14°18	6°55	26° 3	28°25	21°53	1°R23	29°53	28°37	n.a.	W20
T 21	13 43 42	27°14'29	13°38	1°15	3°37	9°39	14°25	6°51	26° 2	28°26	21°54	1°23	29°50	28°44	n.a.	T 21
F 22	13 47 39	28°12'06	26° 7	0°43	4°47	10° 9	14°31	6°47	26° 2	28°26	21°55	1°20	29°47	28°51	n.a.	F 22
S 23	13 51 35	29° 9'41	8♈26	0° 9	5°57	10°38	14°38	6°43	26° 1	28°26	21°56	1°14	29°44	28°57	n.a.	S 23
S 24	13 55 32	0♉ 7'15	20°37	29♈34	7° 7	11° 8	14°45	6°39	26° 0	28°27	21°57	1° 7	29°41	29° 4	n.a.	S 24
M25	13 59 28	1° 4'48	2♉41	29° 0	8°17	11°37	14°53	6°35	25°59	28°27	21°58	0°57	29°38	29°11	n.a.	M25
T 26	14 3 25	2° 2'20	14°39	28°26	9°27	12° 5	15° 0	6°31	25°59	28°28	21°59	0°45	29°34	29°17	n.a.	T 26
W27	14 7 21	2°59'51	26°33	27°54	10°37	12°34	15° 7	6°27	25°58	28°28	22° 0	0°34	29°31	29°24	n.a.	W27
T 28	14 11 18	3°57'20	8♊25	27°23	11°47	13° 2	15°15	6°24	25°58	28°29	22° 2	0°23	29°28	29°31	n.a.	T 28
F 29	14 15 14	4°54'48	20°17	26°54	12°56	13°30	15°23	6°20	25°57	28°29	22° 3	0°13	29°25	29°38	n.a.	F 29
S 30	14 19 11	5♉52'15	2♋10	26♈29	14♊ 6	13♑57	15♋31	6♎16	25♌57	28♋30	22♊ 4	0♍ 6	29♌22	29♉44	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3n11	17n23	5s 7	13n40	2n49	15n48	0n54	24s21	0s39	23n54	0n49	0s43	2n51	13n35	0n48	21n 4	0n23	23n30	0n 4	10n52	11n16	14n35		n.a.
S 2	3 35	18 44	4 49	14 3	2 52	16 13	0 57	24 23	0 41	23 54	0 49	0 41	2 51	13 35	0 48	21 4	0 23	23 30	0 4	10 53	11 18	14 37		n.a.
S 3	3 58	19 16	4 19	14 22	2 53	16 38	1 0	24 25	0 43	23 53	0 49	0 40	2 51	13 36	0 48	21 4	0 23	23 30	0 4	10 53	11 19	14 38		n.a.
M 4	4 21	18 54	3 37	14 38	2 53	17 3	1 2	24 27	0 45	23 53	0 49	0 38	2 51	13 37	0 48	21 4	0 23	23 30	0 4	10 53	11 20	14 40		n.a.
T 5	4 44	17 38	2 44	14 52	2 52	17 28	1 5	24 29	0 47	23 52	0 49	0 36	2 51	13 37	0 48	21 4	0 23	23 30	0 4	10 53	11 21	14 41		n.a.
W 6	5 6	15 27	1 41	15 3	2 50	17 51	1 8	24 31	0 49	23 52	0 49	0 34	2 51	13 38	0 48	21 4	0 23	23 30	0 4	10 52	11 22	14 43		n.a.
T 7	5 29	12 23	0 31	15 10	2 47	18 15	1 11	24 32	0 52	23 51	0 49	0 32	2 51	13 38	0 48	21 4	0 23	23 30	0 4	10 52	11 23	14 44		n.a.
F 8	5 52	8 34	0n43	15 15	2 43	18 38	1 14	24 34	0 54	23 51	0 49	0 31	2 51	13 39	0 48	21 4	0 23	23 30	0 4	10 52	11 24	14 46		n.a.
S 9	6 14	4 9	1 57	15 17	2 38	19 1	1 16	24 35	0 56	23 50	0 49	0 29	2 51	13 39	0 48	21 4	0 23	23 30	0 4	10 53	11 26	14 47		n.a.
S 10	6 37	0s38	3 5	15 15	2 31	19 23	1 19	24 37	0 58	23 50	0 49	0 27	2 51	13 39	0 48	21 4	0 23	23 31	0 4	10 54	11 27	14 49		n.a.
M11	6 59	5 27	4 2	15 11	2 24	19 44	1 22	24 38	1 1	23 49	0 48	0 26	2 50	13 40	0 48	21 4	0 23	23 31	0 4	10 56	11 28	14 50		n.a.
T 12	7 22	10 0	4 43	15 4	2 15	20 5	1 25	24 39	1 3	23 49	0 48	0 24	2 50	13 40	0 48	21 4	0 23	23 31	0 4	10 58	11 29	14 51		n.a.
W13	7 44	13 55	5 4	14 55	2 5	20 26	1 27	24 40	1 5	23 48	0 48	0 22	2 50	13 41	0 48	21 4	0 23	23 31	0 4	11 1	11 30	14 53		n.a.
T 14	8 6	16 54	5 5	14 42	1 54	20 46	1 30	24 41	1 8	23 47	0 48	0 20	2 50	13 41	0 48	21 4	0 23	23 31	0 4	11 3	11 31	14 54		n.a.
F 15	8 28	18 45	4 46	14 27	1 41	21 5	1 32	24 42	1 10	23 47	0 48	0 19	2 50	13 41	0 48	21 4	0 23	23 31	0 5	11 5	11 32	14 56		n.a.
S 16	8 49	19 21	4 9	14 9	1 28	21 24	1 35	24 43	1 13	23 46	0 48	0 17	2 50	13 42	0 48	21 4	0 23	23 31	0 5	11 6	11 33	14 57		n.a.
S 17	9 11	18 44	3 19	13 50	1 14	21 43	1 37	24 44	1 15	23 45	0 48	0 16	2 50	13 42	0 48	21 4	0 23	23 31	0 5	11 7	11 35	14 59		n.a.
M18	9 33	17 3	2 18	13 28	0 59	22 1	1 40	24 44	1 18	23 45	0 48	0 14	2 50	13 42	0 48	21 4	0 23	23 31	0 5	11 6	11 36	15 0		n.a.
T 19	9 54	14 28	1 11	13 4	0 44	22 18	1 42	24 45	1 20	23 44	0 48	0 12	2 50	13 43	0 48	21 4	0 23	23 32	0 5	11 6	11 37	15 2		n.a.
W20	10 15	11 13	0 2	12 39	0 27	22 34	1 44	24 46	1 23	23 43	0 48	0 11	2 50	13 43	0 48	21 4	0 23	23 32	0 5	11 6	11 38	15 3		n.a.
T 21	10 36	7 30	1s 5	12 12	0 11	22 51	1 46	24 46	1 26	23 42	0 48	0 9	2 50	13 43	0 48	21 4	0 23	23 32	0 5	11 6	11 39	15 4		n.a.
F 22	10 57	3 31	2 8	11 45	0s 6	23 6	1 49	24 46	1 28	23 42	0 48	0 8	2 50	13 43	0 47	21 4	0 23	23 32	0 5	11 7	11 40	15 6		n.a.
S 23	11 18	0n33	3 5	11 17	0 24	23 21	1 51	24 47	1 31	23 41	0 48	0 6	2 49	13 44	0 47	21 4	0 23	23 32	0 5	11 9	11 41	15 7		n.a.
S 24	11 38	4 34	3 52	10 48	0 41	23 35	1 53	24 47	1 34	23 40	0 48	0 5	2 49	13 44	0 47	21 4	0 23	23 32	0 5	11 12	11 42	15 9		n.a.
M25	11 59	8 21	4 28	10 20	0 58	23 49	1 55	24 47	1 37	23 39	0 48	0 3	2 49	13 44	0 47	21 4	0 23	23 32	0 5	11 15	11 44	15 10		n.a.
T 26	12 19	11 46	4 51	9 52	1 15	24 2	1 57	24 48	1 40	23 38	0 48	0 2	2 49	13 44	0 47	21 4	0 23	23 32	0 5	11 19	11 45	15 12		n.a.
W27	12 39	14 42	5 2	9 25	1 31	24 14	1 58	24 48	1 43	23 37	0 48	0 1	2 49	13 44	0 47	21 4	0 23	23 33	0 5	11 24	11 46	15 13		n.a.
T 28	12 58	17 1	5 0	9 0	1 47	24 26	2 0	24 48	1 45	23 36	0 48	0n 1	2 49	13 44	0 47	21 3	0 23	23 33	0 5	11 28	11 47	15 14		n.a.
F 29	13 18	18 36	4 45	8 35	2 2	24 37	2 2	24 48	1 48	23 35	0 48	0 2	2 49	13 45	0 47	21 3	0 23	23 33	0 5	11 31	11 48	15 16		n.a.
S 30	13n37	19n23	4s17	8n13	2s16	24n47	2n 4	24s48	1s51	23n35	0n48	0n 3	2n48	13n45	0n47	21n 3	0n23	23n33	0n 5	11n33	11n49	15n17		n.a.

Julian Day Number = 1703250.5, Delta T = 03h04m29s
Ecliptic obliquity = 23°41'56, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°45'01, Lahiri = - 4°38'01 Julian Calendar 1 Apr. 50 BCE == Greg. Calendar 30 March 050 BCE

The year -49 astronomical counting style corresponds to year 050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 50 BCE
geocentric

MAY 50 BCE (-49) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 23 8	6♉49'40	14♋10	26°R 6	15♊15	14♑24	15♋39	6°R13	25°R57	28♋30	22♊ 5	0°R 1	29♌18	29♉51	n.a.	S 1
M 2	14 27 4	7°47'04	26°20	25♈47	16°25	14°51	15°47	6♎ 9	25♌56	28°31	22° 6	29♌59	29°15	29°58	n.a.	M 2
T 3	14 31 1	8°44'27	8♌45	25°31	17°34	15°18	15°55	6° 6	25°56	28°32	22° 7	29°D58	29°12	0♊ 5	n.a.	T 3
W 4	14 34 57	9°41'49	21°29	25°20	18°43	15°44	16° 3	6° 2	25°56	28°32	22° 9	29°59	29° 9	0°11	n.a.	W 4
T 5	14 38 54	10°39'09	4♍37	25°13	19°52	16°10	16°12	5°59	25°56	28°33	22°10	29°R59	29° 6	0°18	n.a.	T 5
F 6	14 42 50	11°36'28	18°13	25°D10	21° 1	16°36	16°20	5°56	25°56	28°34	22°11	29°57	29° 3	0°25	n.a.	F 6
S 7	14 46 47	12°33'46	2♎18	25°11	22°10	17° 1	16°29	5°53	25°D56	28°35	22°12	29°54	28°59	0°31	n.a.	S 7
S 8	14 50 43	13°31'03	16°52	25°17	23°18	17°26	16°38	5°50	25°56	28°35	22°14	29°48	28°56	0°38	n.a.	S 8
M 9	14 54 40	14°28'19	1♏49	25°28	24°27	17°51	16°47	5°47	25°56	28°36	22°15	29°40	28°53	0°45	n.a.	M 9
T 10	14 58 37	15°25'34	17° 1	25°43	25°35	18°15	16°56	5°44	25°56	28°37	22°16	29°30	28°50	0°52	n.a.	T 10
W11	15 2 33	16°22'48	2♐19	26° 2	26°44	18°39	17° 5	5°41	25°56	28°38	22°18	29°20	28°47	0°58	n.a.	W11
T 12	15 6 30	17°20'02	17°31	26°26	27°52	19° 2	17°14	5°38	25°57	28°39	22°19	29°10	28°43	1° 5	n.a.	T 12
F 13	15 10 26	18°17'15	2♑26	26°54	29° 0	19°25	17°23	5°35	25°57	28°40	22°20	29° 3	28°40	1°12	n.a.	F 13
S 14	15 14 23	19°14'28	16°57	27°27	0♋ 8	19°48	17°33	5°33	25°57	28°41	22°22	28°57	28°37	1°18	n.a.	S 14
S 15	15 18 19	20°11'40	1♒ 2	28° 4	1°16	20°10	17°42	5°30	25°58	28°42	22°23	28°54	28°34	1°25	n.a.	S 15
M16	15 22 16	21° 8'52	14°40	28°45	2°23	20°32	17°52	5°28	25°58	28°43	22°24	28°53	28°31	1°32	n.a.	M16
T 17	15 26 12	22° 6'04	27°52	29°30	3°31	20°53	18° 2	5°25	25°59	28°44	22°26	28°53	28°28	1°39	n.a.	T 17
W18	15 30 9	23° 3'15	10♓42	0♉19	4°38	21°14	18°11	5°23	25°59	28°45	22°27	28°53	28°24	1°45	n.a.	W18
T 19	15 34 6	24° 0'26	23°15	1°12	5°46	21°34	18°21	5°21	26° 0	28°46	22°29	28°51	28°21	1°52	n.a.	T 19
F 20	15 38 2	24°57'37	5♈34	2° 8	6°53	21°54	18°31	5°18	26° 0	28°47	22°30	28°47	28°18	1°59	n.a.	F 20
S 21	15 41 59	25°54'47	17°42	3° 9	8° 0	22°13	18°41	5°16	26° 1	28°49	22°31	28°41	28°15	2° 6	n.a.	S 21
S 22	15 45 55	26°51'57	29°43	4°13	9° 6	22°32	18°52	5°14	26° 2	28°50	22°33	28°31	28°12	2°12	n.a.	S 22
M23	15 49 52	27°49'07	11♉40	5°21	10°13	22°51	19° 2	5°12	26° 3	28°51	22°34	28°19	28° 9	2°19	n.a.	M23
T 24	15 53 48	28°46'17	23°33	6°33	11°20	23° 8	19°12	5°11	26° 4	28°52	22°36	28° 6	28° 5	2°26	n.a.	T 24
W25	15 57 45	29°43'27	5♊25	7°48	12°26	23°26	19°23	5° 9	26° 5	28°54	22°37	27°52	28° 2	2°32	n.a.	W25
T 26	16 1 41	0♊40'36	17°17	9° 6	13°32	23°42	19°33	5° 7	26° 6	28°55	22°39	27°38	27°59	2°39	n.a.	T 26
F 27	16 5 38	1°37'45	29°11	10°28	14°38	23°58	19°44	5° 6	26° 7	28°56	22°40	27°27	27°56	2°46	n.a.	F 27
S 28	16 9 35	2°34'54	11♋ 7	11°53	15°44	24°14	19°54	5° 4	26° 8	28°58	22°42	27°17	27°53	2°53	n.a.	S 28
S 29	16 13 31	3°32'02	23°10	13°22	16°50	24°29	20° 5	5° 3	26° 9	28°59	22°43	27°11	27°49	2°59	n.a.	S 29
M30	16 17 28	4°29'10	5♌22	14°54	17°55	24°43	20°16	5° 2	26°10	29° 1	22°45	27° 7	27°46	3° 6	n.a.	M30
T 31	16 21 24	5♊26'17	17♌47	16♉30	19♋ 1	24♑56	20♋27	5♎ 1	26♌11	29♋ 2	22♊46	27♌ 6	27♌43	3♊13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	13n56	19n19	3s38	7n52	2s29	24n57	2n 5	24s48	1s55	23n34	0n48	0n 5	2n48	13n45	0n47	21n 3	0n23	23n33	0n 6	11n35		11n50		15n19			n.a.
M 2	14 15	18 21	2 49	7 34	2 42	25 6	2 7	24 49	1 58	23 33	0 48	0 6	2 48	13 45	0 47	21 3	0 23	23 33	0 6	11 36		11 51		15 20			n.a.
T 3	14 34	16 30	1 50	7 17	2 53	25 14	2 8	24 49	2 1	23 32	0 48	0 7	2 48	13 45	0 47	21 3	0 23	23 33	0 6	11 36		11 53		15 21			n.a.
W 4	14 53	13 47	0 45	7 4	3 3	25 22	2 9	24 49	2 4	23 31	0 48	0 8	2 48	13 45	0 47	21 3	0 23	23 33	0 6	11 36		11 54		15 23			n.a.
T 5	15 11	10 18	0n25	6 53	3 12	25 29	2 11	24 49	2 7	23 29	0 48	0 10	2 48	13 45	0 47	21 3	0 23	23 34	0 6	11 36		11 55		15 24			n.a.
F 6	15 29	6 10	1 35	6 44	3 20	25 35	2 12	24 49	2 11	23 28	0 48	0 11	2 47	13 45	0 47	21 2	0 23	23 34	0 6	11 37		11 56		15 26			n.a.
S 7	15 47	1 33	2 42	6 39	3 27	25 41	2 13	24 49	2 14	23 27	0 47	0 12	2 47	13 45	0 47	21 2	0 23	23 34	0 6	11 38		11 57		15 27			n.a.
S 8	16 4	3s18	3 41	6 35	3 32	25 45	2 14	24 49	2 17	23 26	0 47	0 13	2 47	13 45	0 47	21 2	0 23	23 34	0 6	11 40		11 58		15 28			n.a.
M 9	16 21	8 4	4 27	6 35	3 37	25 50	2 15	24 49	2 21	23 25	0 47	0 14	2 47	13 45	0 47	21 2	0 23	23 34	0 6	11 43		11 59		15 30			n.a.
T 10	16 38	12 24	4 54	6 37	3 40	25 53	2 16	24 49	2 24	23 24	0 47	0 15	2 47	13 45	0 47	21 2	0 23	23 34	0 6	11 46		12 0		15 31			n.a.
W11	16 55	15 56	5 1	6 42	3 43	25 56	2 16	24 49	2 28	23 23	0 47	0 16	2 46	13 44	0 47	21 2	0 23	23 34	0 6	11 50		12 2		15 33			n.a.
T 12	17 11	18 21	4 46	6 50	3 44	25 58	2 17	24 49	2 31	23 21	0 47	0 17	2 46	13 44	0 47	21 1	0 23	23 35	0 6	11 53		12 3		15 34			n.a.
F 13	17 28	19 29	4 12	6 59	3 45	25 59	2 18	24 50	2 35	23 20	0 47	0 18	2 46	13 44	0 47	21 1	0 23	23 35	0 6	11 56		12 4		15 35			n.a.
S 14	17 43	19 16	3 22	7 12	3 44	26 0	2 18	24 50	2 38	23 19	0 47	0 19	2 46	13 44	0 47	21 1	0 23	23 35	0 6	11 58		12 5		15 37			n.a.
S 15	17 59	17 50	2 22	7 26	3 43	26 0	2 18	24 50	2 42	23 18	0 47	0 19	2 46	13 44	0 47	21 1	0 23	23 35	0 6	11 59		12 6		15 38			n.a.
M16	18 14	15 25	1 15	7 43	3 40	25 59	2 19	24 50	2 46	23 16	0 47	0 20	2 45	13 44	0 47	21 0	0 23	23 35	0 6	11 59		12 7		15 40			n.a.
T 17	18 29	12 16	0 5	8 2	3 37	25 58	2 19	24 51	2 50	23 15	0 47	0 21	2 45	13 43	0 46	21 0	0 23	23 35	0 6	11 59		12 8		15 41			n.a.
W18	18 44	8 35	1s 2	8 23	3 33	25 56	2 19	24 51	2 53	23 14	0 47	0 22	2 45	13 43	0 46	21 0	0 23	23 35	0 7	11 59		12 9		15 42			n.a.
T 19	18 59	4 37	2 5	8 46	3 28	25 53	2 19	24 52	2 57	23 12	0 47	0 22	2 45	13 43	0 46	21 0	0 23	23 36	0 7	12 0		12 10		15 44			n.a.
F 20	19 13	0 32	3 1	9 11	3 23	25 49	2 18	24 52	3 1	23 11	0 47	0 23	2 45	13 43	0 46	21 0	0 23	23 36	0 7	12 1		12 12		15 45			n.a.
S 21	19 27	3n31	3 47	9 37	3 16	25 45	2 18	24 53	3 5	23 9	0 47	0 24	2 44	13 42	0 46	20 59	0 23	23 36	0 7	12 4		12 13		15 46			n.a.
S 22	19 40	7 24	4 23	10 6	3 10	25 40	2 18	24 54	3 9	23 8	0 47	0 24	2 44	13 42	0 46	20 59	0 23	23 36	0 7	12 7		12 14		15 48			n.a.
M23	19 53	10 57	4 47	10 35	3 2	25 35	2 17	24 55	3 13	23 7	0 47	0 25	2 44	13 42	0 46	20 59	0 23	23 36	0 7	12 11		12 15		15 49			n.a.
T 24	20 6	14 3	4 59	11 7	2 54	25 29	2 17	24 56	3 17	23 5	0 47	0 25	2 44	13 41	0 46	20 59	0 23	23 36	0 7	12 16		12 16		15 50			n.a.
W25	20 19	16 34	4 57	11 39	2 45	25 22	2 16	24 57	3 21	23 4	0 47	0 26	2 43	13 41	0 46	20 58	0 23	23 36	0 7	12 21		12 17		15 52			n.a.
T 26	20 31	18 24	4 42	12 13	2 36	25 14	2 15	24 58	3 26	23 2	0 47	0 26	2 43	13 41	0 46	20 58	0 23	23 37	0 7	12 25		12 18		15 53			n.a.
F 27	20 43	19 26	4 16	12 48	2 27	25 6	2 14	24 59	3 30	23 0	0 47	0 26	2 43	13 40	0 46	20 58	0 23	23 37	0 7	12 29		12 19		15 55			n.a.
S 28	20 54	19 37	3 37	13 24	2 17	24 57	2 13	25 1	3 34	22 59	0 47	0 27	2 43	13 40	0 46	20 57	0 23	23 37	0 7	12 33		12 20		15 56			n.a.
S 29	21 5	18 55	2 49	14 1	2 6	24 48	2 12	25 2	3 38	22 57	0 47	0 27	2 42	13 39	0 46	20 57	0 23	23 37	0 7	12 35		12 22		15 57			n.a.
M30	21 16	17 19	1 52	14 39	1 55	24 38	2 10	25 4	3 43	22 56	0 47	0 27	2 42	13 39	0 46	20 57	0 23	23 37	0 7	12 36		12 23		15 59			n.a.
T 31	21n27	14n53	0s49	15n17	1s44	24n27	2n 9	25s 5	3s47	22n54	0n47	0n28	2n42	13n39	0n46	20n57	0n23	23n37	0n 7	12n37		12n24		16n 0			n.a.

Julian Day Number = 1703280.5, Delta T = 03h04m28s
Ecliptic obliquity = 23°41'56, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°44'57, Lahiri = - 4°37'56 Julian Calendar 1 May 50 BCE == Greg. Calendar 29 Apr. 050 BCE

The year -49 astronomical counting style corresponds to year 050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 50 BCE
geocentric

JUNE 50 BCE (-49) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 25 21	6♊23'24	0♍30	18♉ 8	20♋ 6	25♑10	20♋38	5°R 0	26♌13	29♋ 4	22♊48	27°R 6	27♌40	3♊20	n.a.	W 1
T 2	16 29 17	7°20'31	13°34	19°50	21°10	25°22	20°49	4♎59	26°14	29° 5	22°49	27♌ 6	27°37	3°26	n.a.	T 2
F 3	16 33 14	8°17'37	27° 4	21°35	22°15	25°34	21° 0	4°58	26°15	29° 7	22°51	27° 5	27°34	3°33	n.a.	F 3
S 4	16 37 11	9°14'44	11♎ 1	23°23	23°20	25°45	21°11	4°57	26°17	29° 8	22°52	27° 2	27°30	3°40	n.a.	S 4
S 5	16 41 7	10°11'49	25°27	25°13	24°24	25°55	21°22	4°56	26°18	29°10	22°54	26°56	27°27	3°46	n.a.	S 5
M 6	16 45 4	11° 8'55	10♏18	27° 7	25°28	26° 5	21°34	4°56	26°20	29°11	22°56	26°49	27°24	3°53	n.a.	M 6
T 7	16 49 0	12° 6'01	25°28	29° 3	26°32	26°14	21°45	4°55	26°21	29°13	22°57	26°39	27°21	4° 0	n.a.	T 7
W 8	16 52 57	13° 3'07	10♐47	1♊ 2	27°35	26°22	21°57	4°55	26°23	29°15	22°59	26°29	27°18	4° 7	n.a.	W 8
T 9	16 56 53	14° 0'13	26° 3	3° 3	28°38	26°30	22° 8	4°55	26°25	29°16	23° 0	26°19	27°15	4°13	n.a.	T 9
F 10	17 0 50	14°57'20	11♑ 6	5° 6	29°42	26°37	22°20	4°54	26°26	29°18	23° 2	26°12	27°11	4°20	n.a.	F 10
S 11	17 4 46	15°54'26	25°47	7°10	0♌44	26°43	22°31	4°D54	26°28	29°20	23° 3	26° 6	27° 8	4°27	n.a.	S 11
S 12	17 8 43	16°51'34	10♒ 1	9°16	1°47	26°49	22°43	4°54	26°30	29°21	23° 5	26° 3	27° 5	4°34	n.a.	S 12
M13	17 12 40	17°48'41	23°46	11°23	2°49	26°53	22°55	4°54	26°32	29°23	23° 7	26°D 2	27° 2	4°40	n.a.	M13
T 14	17 16 36	18°45'50	7♓ 3	13°31	3°51	26°57	23° 6	4°55	26°34	29°25	23° 8	26° 3	26°59	4°47	n.a.	T 14
W15	17 20 33	19°42'59	19°55	15°40	4°53	27° 0	23°18	4°55	26°36	29°27	23°10	26°R 3	26°55	4°54	n.a.	W15
T 16	17 24 29	20°40'08	2♈27	17°49	5°54	27° 3	23°30	4°55	26°38	29°29	23°11	26° 2	26°52	5° 0	n.a.	T 16
F 17	17 28 26	21°37'19	14°43	19°58	6°55	27° 4	23°42	4°56	26°40	29°30	23°13	26° 0	26°49	5° 7	n.a.	F 17
S 18	17 32 22	22°34'30	26°47	22° 6	7°56	27°R 5	23°54	4°56	26°42	29°32	23°15	25°55	26°46	5°14	n.a.	S 18
S 19	17 36 19	23°31'42	8♉44	24°14	8°57	27° 5	24° 6	4°57	26°44	29°34	23°16	25°48	26°43	5°21	n.a.	S 19
M20	17 40 15	24°28'55	20°37	26°21	9°57	27° 4	24°18	4°58	26°46	29°36	23°18	25°38	26°40	5°27	n.a.	M20
T 21	17 44 12	25°26'08	2♊28	28°28	10°56	27° 3	24°31	4°59	26°48	29°38	23°19	25°28	26°36	5°34	n.a.	T 21
W22	17 48 9	26°23'22	14°20	0♋33	11°56	27° 0	24°43	5° 0	26°51	29°40	23°21	25°16	26°33	5°41	n.a.	W22
T 23	17 52 5	27°20'37	26°15	2°37	12°55	26°57	24°55	5° 1	26°53	29°42	23°23	25° 6	26°30	5°47	n.a.	T 23
F 24	17 56 2	28°17'53	8♋14	4°40	13°54	26°53	25° 7	5° 2	26°55	29°44	23°24	24°56	26°27	5°54	n.a.	F 24
S 25	17 59 58	29°15'09	20°19	6°41	14°52	26°48	25°20	5° 3	26°58	29°46	23°26	24°49	26°24	6° 1	n.a.	S 25
S 26	18 3 55	0♋12'26	2♌30	8°41	15°50	26°43	25°32	5° 5	27° 0	29°48	23°27	24°44	26°21	6° 8	n.a.	S 26
M27	18 7 51	1° 9'43	14°51	10°39	16°48	26°37	25°44	5° 6	27° 3	29°50	23°29	24°42	26°17	6°14	n.a.	M27
T 28	18 11 48	2° 7'01	27°24	12°36	17°45	26°30	25°57	5° 8	27° 5	29°52	23°30	24°D41	26°14	6°21	n.a.	T 28
W29	18 15 44	3° 4'20	10♍11	14°30	18°41	26°22	26° 9	5° 9	27° 8	29°54	23°32	24°42	26°11	6°28	n.a.	W29
T 30	18 19 41	4♋ 1'39	23♍17	16♋24	19♌38	26♑14	26♋22	5♎11	27♌10	29♋56	23♊34	24♌43	26♌ 8	6♊35	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n37	11n42	0n18	15n56	1s33	24n16	2n 7	25s 7	3s51	22n52	0n47	0n28	2n42	13n38	0n46	20n56	0n23	23n37	0n 7	12n37	12n25	16n 1		n.a.
T 2	21 46	7 51	1 26	16 35	1 21	24 4	2 5	25 9	3 56	22 51	0 47	0 28	2 41	13 38	0 46	20 56	0 23	23 38	0 7	12 37	12 26	16 3		n.a.
F 3	21 56	3 30	2 32	17 14	1 9	23 52	2 4	25 11	4 0	22 49	0 47	0 28	2 41	13 37	0 46	20 56	0 23	23 38	0 8	12 37	12 27	16 4		n.a.
S 4	22 5	1s11	3 30	17 53	0 58	23 39	2 2	25 14	4 5	22 47	0 47	0 28	2 41	13 37	0 46	20 55	0 23	23 38	0 8	12 38	12 28	16 5		n.a.
S 5	22 13	5 57	4 18	18 32	0 46	23 26	1 59	25 16	4 9	22 45	0 47	0 28	2 41	13 36	0 46	20 55	0 23	23 38	0 8	12 40	12 29	16 7		n.a.
M 6	22 21	10 30	4 49	19 11	0 34	23 12	1 57	25 19	4 14	22 43	0 47	0 28	2 40	13 35	0 46	20 55	0 23	23 38	0 8	12 43	12 30	16 8		n.a.
T 7	22 29	14 27	5 1	19 48	0 22	22 57	1 55	25 21	4 18	22 42	0 47	0 28	2 40	13 35	0 46	20 54	0 23	23 38	0 8	12 46	12 31	16 9		n.a.
W 8	22 37	17 29	4 52	20 25	0 10	22 42	1 52	25 24	4 23	22 40	0 47	0 28	2 40	13 34	0 46	20 54	0 23	23 38	0 8	12 49	12 33	16 11		n.a.
T 9	22 44	19 16	4 22	21 1	0n 1	22 26	1 50	25 27	4 27	22 38	0 47	0 28	2 40	13 34	0 46	20 54	0 23	23 39	0 8	12 53	12 34	16 12		n.a.
F 10	22 50	19 40	3 34	21 35	0 12	22 10	1 47	25 30	4 32	22 36	0 47	0 28	2 39	13 33	0 46	20 53	0 23	23 39	0 8	12 55	12 35	16 13		n.a.
S 11	22 57	18 42	2 33	22 7	0 23	21 54	1 44	25 34	4 37	22 34	0 47	0 28	2 39	13 32	0 45	20 53	0 23	23 39	0 8	12 57	12 36	16 15		n.a.
S 12	23 3	16 35	1 24	22 38	0 33	21 37	1 41	25 37	4 41	22 32	0 47	0 27	2 39	13 32	0 45	20 53	0 23	23 39	0 8	12 58	12 37	16 16		n.a.
M13	23 8	13 33	0 12	23 6	0 43	21 19	1 37	25 41	4 46	22 30	0 47	0 27	2 39	13 31	0 45	20 52	0 23	23 39	0 8	12 58	12 38	16 17		n.a.
T 14	23 13	9 55	0s58	23 32	0 52	21 1	1 34	25 44	4 50	22 28	0 47	0 27	2 38	13 30	0 45	20 52	0 23	23 39	0 8	12 58	12 39	16 19		n.a.
W15	23 18	5 55	2 4	23 56	1 1	20 43	1 31	25 48	4 55	22 26	0 47	0 26	2 38	13 30	0 45	20 51	0 23	23 39	0 8	12 58	12 40	16 20		n.a.
T 16	23 22	1 47	3 1	24 17	1 9	20 24	1 27	25 52	5 0	22 24	0 47	0 26	2 38	13 29	0 45	20 51	0 23	23 40	0 8	12 59	12 41	16 21		n.a.
F 17	23 26	2n21	3 49	24 35	1 16	20 5	1 23	25 56	5 4	22 22	0 47	0 26	2 37	13 28	0 45	20 51	0 23	23 40	0 8	12 59	12 42	16 22		n.a.
S 18	23 29	6 19	4 26	24 50	1 23	19 45	1 19	26 1	5 9	22 20	0 47	0 25	2 37	13 27	0 45	20 50	0 23	23 40	0 8	13 1	12 44	16 24		n.a.
S 19	23 32	9 59	4 50	25 3	1 29	19 25	1 15	26 5	5 13	22 18	0 47	0 25	2 37	13 27	0 45	20 50	0 23	23 40	0 9	13 4	12 45	16 25		n.a.
M20	23 35	13 14	5 2	25 13	1 34	19 5	1 11	26 10	5 18	22 16	0 47	0 24	2 37	13 26	0 45	20 49	0 23	23 40	0 9	13 7	12 46	16 26		n.a.
T 21	23 37	15 57	5 1	25 20	1 39	18 44	1 7	26 15	5 22	22 14	0 47	0 23	2 36	13 25	0 45	20 49	0 23	23 40	0 9	13 10	12 47	16 28		n.a.
W22	23 39	18 1	4 47	25 24	1 42	18 23	1 2	26 19	5 27	22 11	0 47	0 23	2 36	13 24	0 45	20 49	0 23	23 40	0 9	13 14	12 48	16 29		n.a.
T 23	23 40	19 18	4 20	25 26	1 45	18 2	0 57	26 24	5 31	22 9	0 47	0 22	2 36	13 23	0 45	20 48	0 23	23 41	0 9	13 18	12 49	16 30		n.a.
F 24	23 41	19 45	3 42	25 24	1 48	17 40	0 52	26 29	5 36	22 7	0 47	0 21	2 36	13 23	0 45	20 48	0 23	23 41	0 9	13 21	12 50	16 32		n.a.
S 25	23 42	19 17	2 53	25 21	1 49	17 18	0 47	26 35	5 40	22 5	0 47	0 21	2 35	13 22	0 45	20 47	0 23	23 41	0 9	13 23	12 51	16 33		n.a.
S 26	23 42	17 56	1 56	25 15	1 50	16 56	0 42	26 40	5 44	22 2	0 47	0 20	2 35	13 21	0 45	20 47	0 23	23 41	0 9	13 25	12 52	16 34		n.a.
M27	23 42	15 43	0 53	25 6	1 51	16 34	0 37	26 45	5 48	22 0	0 47	0 19	2 35	13 20	0 45	20 47	0 23	23 41	0 9	13 26	12 53	16 35		n.a.
T 28	23 41	12 44	0n15	24 55	1 50	16 11	0 32	26 50	5 52	21 58	0 47	0 18	2 35	13 19	0 45	20 46	0 23	23 41	0 9	13 26	12 54	16 37		n.a.
W29	23 40	9 6	1 22	24 43	1 49	15 48	0 26	26 56	5 56	21 55	0 47	0 17	2 34	13 18	0 45	20 46	0 23	23 41	0 9	13 26	12 56	16 38		n.a.
T 30	23n38	4n57	2n28	24n28	1n48	15n25	0n20	27s 1	6s 0	21n53	0n47	0n16	2n34	13n17	0n45	20n45	0n23	23n42	0n 9	13n25	12n57	16n39		n.a.

Julian Day Number = 1703311.5, Delta T = 03h04m27s
Ecliptic obliquity = 23°41'55, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°44'53, Lahiri = - 4°37'52 Julian Calendar 1 June 50 BCE == Greg. Calendar 30 May 050 BCE

The year -49 astronomical counting style corresponds to year 050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 50 BCE
geocentric

JULY 50 BCE (-49) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 23 38	4♋58'59	6♎44	18♋15	20♌33	26°R 5	26♋35	5♎13	27♌13	29♋58	23♊35	24°R44	26♌ 5	6♊41	n.a.	F 1
S 2	18 27 34	5°56'19	20°34	20° 6	21°29	25♑55	26°47	5°15	27°16	29°59	23°37	24♌43	26° 1	6°48	n.a.	S 2
S 3	18 31 31	6°53'40	4♏48	21°54	22°23	25°44	27° 0	5°17	27°18	0♌ 2	23°38	24°40	25°58	6°55	n.a.	S 3
M 4	18 35 27	7°51'02	19°25	23°41	23°17	25°34	27°12	5°19	27°21	0° 4	23°40	24°35	25°55	7° 1	n.a.	M 4
T 5	18 39 24	8°48'25	4♐19	25°26	24°11	25°22	27°25	5°21	27°24	0° 6	23°41	24°29	25°52	7° 8	n.a.	T 5
W 6	18 43 20	9°45'48	19°23	27° 9	25° 4	25°10	27°38	5°23	27°27	0° 8	23°43	24°23	25°49	7°15	n.a.	W 6
T 7	18 47 17	10°43'13	4♑28	28°51	25°57	24°58	27°51	5°26	27°30	0°10	23°44	24°16	25°46	7°22	n.a.	T 7
F 8	18 51 14	11°40'39	19°25	0♒31	26°49	24°44	28° 3	5°28	27°32	0°12	23°46	24°11	25°42	7°28	n.a.	F 8
S 9	18 55 10	12°38'05	4♒ 4	2°10	27°40	24°31	28°16	5°31	27°35	0°15	23°48	24° 8	25°39	7°35	n.a.	S 9
S 10	18 59 7	13°35'33	18°20	3°47	28°30	24°17	28°29	5°33	27°38	0°17	23°49	24°D 6	25°36	7°42	n.a.	S 10
M11	19 3 3	14°33'03	2♓ 9	5°22	29°20	24° 3	28°42	5°36	27°41	0°19	23°51	24° 6	25°33	7°48	n.a.	M11
T 12	19 7 0	15°30'34	15°31	6°56	0♍ 9	23°48	28°55	5°39	27°44	0°21	23°52	24° 8	25°30	7°55	n.a.	T 12
W13	19 10 56	16°28'06	28°28	8°28	0°58	23°33	29° 8	5°42	27°47	0°23	23°54	24° 9	25°27	8° 2	n.a.	W13
T 14	19 14 53	17°25'40	11♈ 3	9°59	1°46	23°18	29°21	5°45	27°50	0°25	23°55	24°10	25°23	8° 9	n.a.	T 14
F 15	19 18 49	18°23'15	23°21	11°28	2°33	23° 2	29°33	5°48	27°53	0°28	23°57	24°R10	25°20	8°15	n.a.	F 15
S 16	19 22 46	19°20'52	5♉26	12°55	3°19	22°47	29°46	5°51	27°57	0°30	23°58	24° 9	25°17	8°22	n.a.	S 16
S 17	19 26 43	20°18'31	17°22	14°21	4° 4	22°31	29°59	5°54	28° 0	0°32	23°59	24° 6	25°14	8°29	n.a.	S 17
M18	19 30 39	21°16'11	29°15	15°45	4°48	22°15	0♌12	5°58	28° 3	0°34	24° 1	24° 2	25°11	8°36	n.a.	M18
T 19	19 34 36	22°13'53	11♊ 6	17° 7	5°32	21°59	0°25	6° 1	28° 6	0°36	24° 2	23°57	25° 7	8°42	n.a.	T 19
W20	19 38 32	23°11'36	23° 1	18°28	6°14	21°43	0°38	6° 5	28° 9	0°39	24° 4	23°51	25° 4	8°49	n.a.	W20
T 21	19 42 29	24° 9'21	5♋ 1	19°46	6°56	21°27	0°51	6° 8	28°13	0°41	24° 5	23°46	25° 1	8°56	n.a.	T 21
F 22	19 46 25	25° 7'08	17° 8	21° 3	7°37	21°11	1° 4	6°12	28°16	0°43	24° 7	23°42	24°58	9° 2	n.a.	F 22
S 23	19 50 22	26° 4'56	29°24	22°19	8°16	20°56	1°18	6°16	28°19	0°45	24° 8	23°38	24°55	9° 9	n.a.	S 23
S 24	19 54 18	27° 2'46	11♌49	23°32	8°55	20°40	1°31	6°19	28°23	0°47	24° 9	23°36	24°52	9°16	n.a.	S 24
M25	19 58 15	28° 0'37	24°26	24°43	9°32	20°25	1°44	6°23	28°26	0°50	24°11	23°D36	24°48	9°23	n.a.	M25
T 26	20 2 12	28°58'30	7♍15	25°52	10° 8	20°10	1°57	6°27	28°29	0°52	24°12	23°37	24°45	9°29	n.a.	T 26
W27	20 6 8	29°56'24	20°17	26°59	10°43	19°56	2°10	6°31	28°33	0°54	24°13	23°38	24°42	9°36	n.a.	W27
T 28	20 10 5	0♌54'20	3♎34	28° 3	11°16	19°42	2°23	6°36	28°36	0°56	24°15	23°39	24°39	9°43	n.a.	T 28
F 29	20 14 1	1°52'16	17° 7	29° 5	11°49	19°28	2°36	6°40	28°40	0°59	24°16	23°41	24°36	9°49	n.a.	F 29
S 30	20 17 58	2°50'15	0♏57	0♍ 5	12°19	19°15	2°49	6°44	28°43	1° 1	24°17	23°R41	24°32	9°56	n.a.	S 30
S 31	20 21 54	3♌48'14	15♏ 2	1♍ 2	12♍49	19♑ 2	3♌ 2	6♎48	28♌47	1♌ 3	24♊19	23♌41	24♌29	10♊ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n36	0n27	3n27	24n11	1n46	15n 1	0n14	27s 7	6s 4	21n51	0n47	0n15	2n34	13n16	0n45	20n45	0n23	23n42	0n 9	13n25	12n58	16n41		n.a.
S 2	23 34	4s11	4 15	23 52	1 43	14 38	0 8	27 12	6 8	21 48	0 48	0 14	2 33	13 15	0 45	20 44	0 23	23 42	0 9	13 26	12 59	16 42		n.a.
S 3	23 31	8 43	4 50	23 32	1 40	14 14	0 2	27 18	6 11	21 46	0 48	0 13	2 33	13 14	0 45	20 44	0 23	23 42	0 9	13 27	13 0	16 43		n.a.
M 4	23 28	12 51	5 7	23 11	1 36	13 50	0s 4	27 23	6 15	21 43	0 48	0 12	2 33	13 13	0 45	20 44	0 23	23 42	0 9	13 28	13 1	16 44		n.a.
T 5	23 24	16 16	5 4	22 48	1 32	13 26	0 11	27 29	6 18	21 41	0 48	0 11	2 33	13 12	0 45	20 43	0 23	23 42	0 10	13 30	13 2	16 46		n.a.
W 6	23 20	18 37	4 40	22 23	1 28	13 2	0 18	27 34	6 21	21 38	0 48	0 10	2 32	13 11	0 45	20 43	0 23	23 42	0 10	13 32	13 3	16 47		n.a.
T 7	23 16	19 41	3 56	21 58	1 23	12 37	0 24	27 40	6 24	21 36	0 48	0 9	2 32	13 10	0 45	20 42	0 23	23 43	0 10	13 34	13 4	16 48		n.a.
F 8	23 11	19 22	2 57	21 31	1 17	12 13	0 32	27 45	6 27	21 33	0 48	0 8	2 32	13 9	0 45	20 42	0 23	23 43	0 10	13 36	13 5	16 49		n.a.
S 9	23 5	17 43	1 47	21 3	1 11	11 49	0 39	27 50	6 30	21 31	0 48	0 6	2 32	13 8	0 45	20 41	0 23	23 43	0 10	13 37	13 6	16 51		n.a.
S 10	23 0	15 0	0 31	20 34	1 5	11 24	0 46	27 55	6 32	21 28	0 48	0 5	2 31	13 7	0 45	20 41	0 23	23 43	0 10	13 38	13 7	16 52		n.a.
M11	22 54	11 30	0s44	20 5	0 59	11 0	0 54	28 0	6 35	21 25	0 48	0 4	2 31	13 6	0 45	20 40	0 23	23 43	0 10	13 38	13 9	16 53		n.a.
T 12	22 47	7 31	1 54	19 35	0 52	10 35	1 1	28 5	6 37	21 23	0 48	0 2	2 31	13 5	0 44	20 40	0 23	23 43	0 10	13 37	13 10	16 54		n.a.
W13	22 40	3 18	2 56	19 4	0 45	10 10	1 9	28 10	6 39	21 20	0 48	0 1	2 31	13 4	0 44	20 39	0 23	23 43	0 10	13 37	13 11	16 56		n.a.
T 14	22 33	0n56	3 48	18 32	0 37	9 46	1 17	28 14	6 41	21 18	0 48	0s 1	2 30	13 3	0 44	20 39	0 23	23 44	0 10	13 37	13 12	16 57		n.a.
F 15	22 25	5 1	4 28	18 0	0 30	9 21	1 25	28 19	6 42	21 15	0 48	0 2	2 30	13 2	0 44	20 39	0 23	23 44	0 10	13 36	13 13	16 58		n.a.
S 16	22 17	8 50	4 55	17 28	0 22	8 57	1 34	28 23	6 44	21 12	0 48	0 3	2 30	13 1	0 44	20 38	0 23	23 44	0 10	13 37	13 14	16 59		n.a.
S 17	22 9	12 15	5 9	16 55	0 14	8 32	1 42	28 27	6 45	21 9	0 48	0 5	2 30	13 0	0 44	20 38	0 23	23 44	0 10	13 38	13 15	17 1		n.a.
M18	22 0	15 9	5 10	16 22	0 5	8 8	1 51	28 31	6 46	21 7	0 48	0 7	2 29	12 58	0 44	20 37	0 23	23 44	0 10	13 39	13 16	17 2		n.a.
T 19	21 51	17 26	4 58	15 49	0s 4	7 44	2 0	28 34	6 47	21 4	0 48	0 8	2 29	12 57	0 44	20 37	0 23	23 44	0 10	13 41	13 17	17 3		n.a.
W20	21 41	18 59	4 33	15 16	0 12	7 20	2 9	28 38	6 48	21 1	0 48	0 10	2 29	12 56	0 44	20 36	0 23	23 44	0 10	13 43	13 18	17 4		n.a.
T 21	21 31	19 41	3 55	14 42	0 22	6 56	2 18	28 41	6 48	20 58	0 48	0 11	2 29	12 55	0 44	20 36	0 23	23 44	0 11	13 45	13 19	17 5		n.a.
F 22	21 20	19 30	3 7	14 9	0 31	6 32	2 27	28 44	6 48	20 55	0 48	0 13	2 29	12 54	0 44	20 35	0 23	23 45	0 11	13 46	13 20	17 7		n.a.
S 23	21 10	18 24	2 9	13 36	0 40	6 8	2 37	28 46	6 48	20 53	0 49	0 15	2 28	12 53	0 44	20 35	0 23	23 45	0 11	13 47	13 22	17 8		n.a.
S 24	20 59	16 24	1 4	13 2	0 50	5 45	2 46	28 49	6 48	20 50	0 49	0 17	2 28	12 51	0 44	20 34	0 23	23 45	0 11	13 48	13 23	17 9		n.a.
M25	20 47	13 35	0n 5	12 30	0 59	5 22	2 56	28 51	6 48	20 47	0 49	0 18	2 28	12 50	0 44	20 34	0 23	23 45	0 11	13 48	13 24	17 10		n.a.
T 26	20 35	10 5	1 14	11 57	1 9	4 59	3 6	28 53	6 47	20 44	0 49	0 20	2 28	12 49	0 44	20 33	0 23	23 45	0 11	13 48	13 25	17 12		n.a.
W27	20 23	6 3	2 22	11 25	1 19	4 37	3 16	28 54	6 47	20 41	0 49	0 22	2 27	12 48	0 44	20 33	0 23	23 45	0 11	13 47	13 26	17 13		n.a.
T 28	20 10	1 39	3 23	10 53	1 29	4 14	3 26	28 55	6 46	20 38	0 49	0 24	2 27	12 46	0 44	20 32	0 23	23 45	0 11	13 47	13 27	17 14		n.a.
F 29	19 57	2s54	4 13	10 22	1 39	3 53	3 36	28 56	6 45	20 35	0 49	0 26	2 27	12 45	0 44	20 32	0 23	23 45	0 11	13 46	13 28	17 15		n.a.
S 30	19 44	7 23	4 51	9 52	1 49	3 31	3 47	28 57	6 43	20 32	0 49	0 28	2 27	12 44	0 44	20 31	0 23	23 46	0 11	13 46	13 29	17 16		n.a.
S 31	19n31	11s33	5n12	9n22	1s59	3n10	3s57	28s58	6s42	20n29	0n49	0s30	2n26	12n43	0n44	20n31	0n23	23n46	0n11	13n46	13n30	17n18		n.a.

Julian Day Number = 1703341.5, Delta T = 03h04m26s
Ecliptic obliquity = 23°41'55, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°44'49, Lahiri = - 4°37'48 Julian Calendar 1 July 50 BCE == Greg. Calendar 29 June 050 BCE

The year -49 astronomical counting style corresponds to year 050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 50 BCE
geocentric

AUGUST 50 BCE (-49) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 25 51	4♌46'15	29♏23	1♍56	13♍17	18°R50	3♌15	6♎53	28♌50	1♌ 5	24♊20	23°R40	24♌26	10♊10	n.a.	M 1
T 2	20 29 47	5°44'18	13♐56	2°47	13°43	18♑38	3°28	6°57	28°54	1° 8	24°21	23♌38	24°23	10°16	n.a.	T 2
W 3	20 33 44	6°42'22	28°36	3°35	14° 8	18°27	3°41	7° 2	28°57	1°10	24°22	23°36	24°20	10°23	n.a.	W 3
T 4	20 37 41	7°40'28	13♑18	4°19	14°31	18°17	3°54	7° 7	29° 1	1°12	24°24	23°34	24°17	10°30	n.a.	T 4
F 5	20 41 37	8°38'35	27°54	5° 0	14°52	18° 7	4° 7	7°11	29° 5	1°14	24°25	23°32	24°13	10°36	n.a.	F 5
S 6	20 45 34	9°36'44	12♒18	5°37	15°11	17°58	4°21	7°16	29° 8	1°16	24°26	23°31	24°10	10°43	n.a.	S 6
S 7	20 49 30	10°34'55	26°24	6°10	15°29	17°49	4°34	7°21	29°12	1°19	24°27	23°D31	24° 7	10°50	n.a.	S 7
M 8	20 53 27	11°33'08	10♓ 9	6°38	15°44	17°42	4°47	7°26	29°15	1°21	24°28	23°31	24° 4	10°57	n.a.	M 8
T 9	20 57 23	12°31'23	23°31	7° 2	15°58	17°35	5° 0	7°31	29°19	1°23	24°30	23°32	24° 1	11° 3	n.a.	T 9
W10	21 1 20	13°29'40	6♈30	7°21	16°10	17°28	5°13	7°36	29°23	1°25	24°31	23°33	23°58	11°10	n.a.	W10
T 11	21 5 16	14°27'59	19° 9	7°34	16°19	17°23	5°26	7°41	29°26	1°27	24°32	23°34	23°54	11°17	n.a.	T 11
F 12	21 9 13	15°26'20	1♉29	7°42	16°27	17°18	5°39	7°46	29°30	1°30	24°33	23°35	23°51	11°23	n.a.	F 12
S 13	21 13 9	16°24'43	13°36	7°R44	16°32	17°14	5°52	7°52	29°34	1°32	24°34	23°R35	23°48	11°30	n.a.	S 13
S 14	21 17 6	17°23'09	25°34	7°40	16°35	17°10	6° 5	7°57	29°38	1°34	24°35	23°35	23°45	11°37	n.a.	S 14
M15	21 21 3	18°21'37	7♊27	7°29	16°R36	17° 8	6°17	8° 2	29°41	1°36	24°36	23°34	23°42	11°44	n.a.	M15
T 16	21 24 59	19°20'07	19°20	7°11	16°34	17° 6	6°30	8° 8	29°45	1°38	24°37	23°34	23°38	11°50	n.a.	T 16
W17	21 28 56	20°18'39	1♋16	6°47	16°30	17° 5	6°43	8°13	29°49	1°40	24°38	23°33	23°35	11°57	n.a.	W17
T 18	21 32 52	21°17'13	13°21	6°16	16°24	17°D 5	6°56	8°19	29°52	1°42	24°39	23°33	23°32	12° 4	n.a.	T 18
F 19	21 36 49	22°15'50	25°36	5°38	16°15	17° 6	7° 9	8°24	29°56	1°45	24°40	23°33	23°29	12°11	n.a.	F 19
S 20	21 40 45	23°14'29	8♌ 4	4°54	16° 4	17° 7	7°22	8°30	0♏ 0	1°47	24°41	23°D33	23°26	12°17	n.a.	S 20
S 21	21 44 42	24°13'10	20°46	4° 3	15°51	17°10	7°35	8°36	0° 4	1°49	24°42	23°R33	23°23	12°24	n.a.	S 21
M22	21 48 38	25°11'53	3♏43	3° 8	15°35	17°13	7°47	8°41	0° 8	1°51	24°43	23°33	23°19	12°31	n.a.	M22
T 23	21 52 35	26°10'38	16°55	2° 8	15°17	17°17	8° 0	8°47	0°11	1°53	24°44	23°33	23°16	12°37	n.a.	T 23
W24	21 56 32	27° 9'25	0♎21	1° 5	14°56	17°21	8°13	8°53	0°15	1°55	24°45	23°32	23°13	12°44	n.a.	W24
T 25	22 0 28	28° 8'14	14° 0	0° 0	14°34	17°27	8°26	8°59	0°19	1°57	24°45	23°32	23°10	12°51	n.a.	T 25
F 26	22 4 25	29° 7'04	27°49	28♌55	14° 9	17°33	8°38	9° 5	0°23	1°59	24°46	23°31	23° 7	12°58	n.a.	F 26
S 27	22 8 21	0♏ 5'57	11♏49	27°50	13°43	17°40	8°51	9°11	0°26	2° 1	24°47	23°31	23° 4	13° 4	n.a.	S 27
S 28	22 12 18	1° 4'51	25°56	26°49	13°14	17°48	9° 3	9°17	0°30	2° 3	24°48	23°D31	23° 0	13°11	n.a.	S 28
M29	22 16 14	2° 3'47	10♐ 8	25°52	12°44	17°57	9°16	9°23	0°34	2° 5	24°49	23°31	22°57	13°18	n.a.	M29
T 30	22 20 11	3° 2'45	24°24	25° 1	12°12	18° 6	9°29	9°29	0°38	2° 7	24°49	23°31	22°54	13°24	n.a.	T 30
W31	22 24 7	4♏ 1'45	8♑40	24♌18	11♍39	18♑16	9♌41	9♎36	0♏42	2♌ 9	24♊50	23♌32	22♌51	13♊31	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	19n17	15s 8	5n14	8n54	2s 9	2n50	4s 8	28s58	6s40	20n26	0n49	0s31	2n26	12n42	0n44	20n30	0n23	23n46	0n11	13n47	13n31	17n19			n.a.
T 2	19 2	17 49	4 56	8 26	2 19	2 29	4 19	28 58	6 39	20 23	0 49	0 33	2 26	12 40	0 44	20 30	0 23	23 46	0 11	13 47	13 32	17 20			n.a.
W 3	18 48	19 23	4 19	7 59	2 29	2 10	4 30	28 57	6 37	20 20	0 49	0 36	2 26	12 39	0 44	20 29	0 23	23 46	0 11	13 48	13 33	17 21			n.a.
T 4	18 33	19 38	3 24	7 34	2 39	1 51	4 41	28 57	6 35	20 17	0 49	0 38	2 26	12 38	0 44	20 29	0 23	23 46	0 11	13 49	13 34	17 22			n.a.
F 5	18 18	18 34	2 17	7 10	2 48	1 32	4 52	28 56	6 32	20 14	0 49	0 40	2 25	12 36	0 44	20 29	0 23	23 46	0 12	13 49	13 35	17 24			n.a.
S 6	18 2	16 19	1 2	6 48	2 58	1 15	5 3	28 55	6 30	20 11	0 50	0 42	2 25	12 35	0 44	20 28	0 23	23 46	0 12	13 50	13 36	17 25			n.a.
S 7	17 46	13 6	0s16	6 27	3 7	0 57	5 14	28 54	6 27	20 8	0 50	0 44	2 25	12 34	0 44	20 28	0 23	23 47	0 12	13 50	13 38	17 26			n.a.
M 8	17 30	9 15	1 31	6 8	3 16	0 41	5 26	28 52	6 25	20 5	0 50	0 46	2 25	12 33	0 44	20 27	0 23	23 47	0 12	13 50	13 39	17 27			n.a.
T 9	17 14	5 1	2 39	5 52	3 24	0 25	5 37	28 50	6 22	20 2	0 50	0 48	2 25	12 31	0 44	20 27	0 23	23 47	0 12	13 49	13 40	17 28			n.a.
W10	16 57	0 42	3 36	5 37	3 32	0 10	5 48	28 48	6 19	19 59	0 50	0 50	2 24	12 30	0 44	20 26	0 23	23 47	0 12	13 49	13 41	17 29			n.a.
T 11	16 40	3n33	4 22	5 25	3 40	0s 4	5 59	28 46	6 16	19 56	0 50	0 53	2 24	12 29	0 44	20 26	0 23	23 47	0 12	13 49	13 42	17 31			n.a.
F 12	16 23	7 32	4 54	5 16	3 47	0 17	6 11	28 44	6 13	19 52	0 50	0 55	2 24	12 27	0 44	20 25	0 23	23 47	0 12	13 48	13 43	17 32			n.a.
S 13	16 5	11 8	5 12	5 10	3 53	0 29	6 22	28 41	6 10	19 49	0 50	0 57	2 24	12 26	0 44	20 25	0 23	23 47	0 12	13 48	13 44	17 33			n.a.
S 14	15 47	14 14	5 17	5 7	3 58	0 40	6 33	28 39	6 7	19 46	0 50	0 59	2 24	12 25	0 44	20 24	0 23	23 47	0 12	13 48	13 45	17 34			n.a.
M15	15 29	16 44	5 8	5 7	4 2	0 50	6 44	28 36	6 3	19 43	0 50	1 2	2 24	12 23	0 44	20 24	0 23	23 47	0 12	13 48	13 46	17 35			n.a.
T 16	15 11	18 31	4 46	5 10	4 5	1 0	6 54	28 32	6 0	19 40	0 50	1 4	2 23	12 22	0 44	20 23	0 23	23 48	0 12	13 49	13 47	17 36			n.a.
W17	14 52	19 31	4 11	5 18	4 7	1 8	7 5	28 29	5 57	19 37	0 51	1 6	2 23	12 21	0 44	20 23	0 23	23 48	0 12	13 49	13 48	17 38			n.a.
T 18	14 34	19 37	3 25	5 29	4 7	1 15	7 15	28 26	5 53	19 33	0 51	1 9	2 23	12 19	0 44	20 22	0 23	23 48	0 12	13 49	13 49	17 39			n.a.
F 19	14 14	18 49	2 29	5 44	4 6	1 20	7 25	28 22	5 49	19 30	0 51	1 11	2 23	12 18	0 44	20 22	0 23	23 48	0 12	13 49	13 50	17 40			n.a.
S 20	13 55	17 5	1 25	6 3	4 3	1 25	7 34	28 18	5 46	19 27	0 51	1 13	2 23	12 17	0 44	20 21	0 23	23 48	0 13	13 49	13 51	17 41			n.a.
S 21	13 36	14 29	0 15	6 26	3 58	1 28	7 44	28 14	5 42	19 24	0 51	1 16	2 23	12 15	0 44	20 21	0 23	23 48	0 13	13 49	13 52	17 42			n.a.
M22	13 16	11 7	0n56	6 52	3 52	1 30	7 52	28 10	5 38	19 20	0 51	1 18	2 22	12 14	0 44	20 21	0 23	23 48	0 13	13 49	13 53	17 43			n.a.
T 23	12 56	7 9	2 6	7 22	3 43	1 31	8 1	28 6	5 34	19 17	0 51	1 21	2 22	12 13	0 44	20 20	0 23	23 48	0 13	13 49	13 55	17 44			n.a.
W24	12 35	2 46	3 10	7 54	3 32	1 30	8 8	28 1	5 31	19 14	0 51	1 23	2 22	12 11	0 44	20 20	0 23	23 48	0 13	13 49	13 56	17 46			n.a.
T 25	12 15	1s49	4 5	8 29	3 19	1 28	8 15	27 57	5 27	19 11	0 51	1 26	2 22	12 10	0 44	20 19	0 23	23 49	0 13	13 49	13 57	17 47			n.a.
F 26	11 54	6 22	4 46	9 6	3 5	1 25	8 22	27 52	5 23	19 8	0 52	1 28	2 22	12 9	0 44	20 19	0 23	23 49	0 13	13 49	13 58	17 48			n.a.
S 27	11 34	10 37	5 10	9 43	2 49	1 20	8 28	27 47	5 19	19 4	0 52	1 31	2 22	12 7	0 44	20 18	0 23	23 49	0 13	13 50	13 59	17 49			n.a.
S 28	11 12	14 19	5 17	10 20	2 31	1 14	8 33	27 42	5 15	19 1	0 52	1 33	2 21	12 6	0 44	20 18	0 23	23 49	0 13	13 50	14 0	17 50			n.a.
M29	10 51	17 12	5 4	10 57	2 13	1 6	8 37	27 37	5 11	18 58	0 52	1 36	2 21	12 4	0 44	20 17	0 23	23 49	0 13	13 50	14 1	17 51			n.a.
T 30	10 30	19 3	4 32	11 33	1 53	0 58	8 41	27 32	5 7	18 55	0 52	1 38	2 21	12 3	0 44	20 17	0 23	23 49	0 13	13 50	14 2	17 52			n.a.
W31	10n 8	19s41	3n44	12n 6	1s33	0s47	8s43	27s27	5s 3	18n51	0n52	1s41	2n21	12n 2	0n44	20n17	0n23	23n49	0n13	13n49	14n 3	17n53			n.a.

Julian Day Number = 1703372.5, Delta T = 03h04m25s
Ecliptic obliquity = 23°41'56, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°44'44, Lahiri = - 4°37'44 Julian Calendar 1 Aug. 50 BCE == Greg. Calendar 30 July 050 BCE

The year -49 astronomical counting style corresponds to year 050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 50 BCE
geocentric

SEPTEMBER 50 BCE (-49) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 28 4	5♍ 0'47	22♉54	23°R43	11°R 5	18♉27	9♌53	9♎42	0♍45	2♌11	24♊51	23♌33	22♌48	13♊38	n.a.	T 1
F 2	22 32 1	5°59'51	7♒ 1	23♌17	10♍29	18°38	10° 6	9°48	0°49	2°13	24°51	23°34	22°44	13°45	n.a.	F 2
S 3	22 35 57	6°58'56	21° 0	23° 2	9°53	18°50	10°18	9°54	0°53	2°15	24°52	23°R34	22°41	13°51	n.a.	S 3
S 4	22 39 54	7°58'04	4♓45	22°D56	9°17	19° 3	10°31	10° 1	0°57	2°17	24°53	23°34	22°38	13°58	n.a.	S 4
M 5	22 43 50	8°57'14	18°16	23° 2	8°40	19°16	10°43	10° 7	1° 0	2°19	24°53	23°33	22°35	14° 5	n.a.	M 5
T 6	22 47 47	9°56'25	1♈29	23°17	8° 3	19°30	10°55	10°14	1° 4	2°21	24°54	23°31	22°32	14°11	n.a.	T 6
W 7	22 51 43	10°55'39	14°23	23°43	7°27	19°45	11° 7	10°20	1° 8	2°22	24°54	23°28	22°29	14°18	n.a.	W 7
T 8	22 55 40	11°54'56	27° 0	24°18	6°51	20° 1	11°19	10°27	1°12	2°24	24°55	23°26	22°25	14°25	n.a.	T 8
F 9	22 59 36	12°54'15	9♉21	25° 3	6°16	20°17	11°31	10°33	1°15	2°26	24°55	23°23	22°22	14°32	n.a.	F 9
S 10	23 3 33	13°53'36	21°29	25°55	5°41	20°33	11°43	10°40	1°19	2°28	24°56	23°21	22°19	14°38	n.a.	S 10
S 11	23 7 29	14°52'59	3♊27	26°55	5° 8	20°50	11°55	10°47	1°23	2°30	24°56	23°19	22°16	14°45	n.a.	S 11
M12	23 11 26	15°52'25	15°20	28° 2	4°36	21° 8	12° 7	10°53	1°27	2°31	24°57	23°D19	22°13	14°52	n.a.	M12
T 13	23 15 23	16°51'54	27°13	29°15	4° 6	21°26	12°19	11° 0	1°30	2°33	24°57	23°19	22° 9	14°58	n.a.	T 13
W14	23 19 19	17°51'24	9♋ 9	0♍33	3°38	21°45	12°31	11° 7	1°34	2°35	24°58	23°20	22° 6	15° 5	n.a.	W14
T 15	23 23 16	18°50'57	21°15	1°56	3°11	22° 4	12°43	11°13	1°38	2°36	24°58	23°22	22° 3	15°12	n.a.	T 15
F 16	23 27 12	19°50'33	3♌34	3°22	2°47	22°24	12°54	11°20	1°41	2°38	24°58	23°24	22° 0	15°18	n.a.	F 16
S 17	23 31 9	20°50'11	16°10	4°52	2°24	22°45	13° 6	11°27	1°45	2°40	24°59	23°25	21°57	15°25	n.a.	S 17
S 18	23 35 5	21°49'51	29° 6	6°25	2° 4	23° 6	13°17	11°34	1°49	2°41	24°59	23°R25	21°54	15°32	n.a.	S 18
M19	23 39 2	22°49'33	12♍21	8° 0	1°46	23°27	13°29	11°41	1°52	2°43	24°59	23°24	21°50	15°39	n.a.	M19
T 20	23 42 58	23°49'17	25°57	9°37	1°31	23°49	13°40	11°48	1°56	2°44	24°59	23°21	21°47	15°45	n.a.	T 20
W21	23 46 55	24°49'04	9♎51	11°15	1°17	24°11	13°52	11°54	1°59	2°46	25° 0	23°17	21°44	15°52	n.a.	W21
T 22	23 50 51	25°48'52	23°58	12°54	1° 7	24°34	14° 3	12° 1	2° 3	2°47	25° 0	23°12	21°41	15°59	n.a.	T 22
F 23	23 54 48	26°48'42	8♏15	14°34	0°59	24°58	14°14	12° 8	2° 6	2°49	25° 0	23° 6	21°38	16° 5	n.a.	F 23
S 24	23 58 45	27°48'34	22°36	16°15	0°53	25°21	14°25	12°15	2°10	2°50	25° 0	23° 2	21°35	16°12	n.a.	S 24
S 25	0 2 41	28°48'29	6♐56	17°56	0°49	25°46	14°36	12°22	2°13	2°52	25° 0	22°58	21°31	16°19	n.a.	S 25
M26	0 6 38	29°48'24	21°12	19°37	0°D48	26°10	14°47	12°29	2°17	2°53	25° 0	22°57	21°28	16°26	n.a.	M26
T 27	0 10 34	0♎48'22	5♉21	21°19	0°50	26°35	14°58	12°36	2°20	2°55	25° 0	22°D56	21°25	16°32	n.a.	T 27
W28	0 14 31	1°48'21	19°22	23° 0	0°54	27° 1	15° 9	12°43	2°24	2°56	25° 0	22°57	21°22	16°39	n.a.	W28
T 29	0 18 27	2°48'22	3♒13	24°41	1° 0	27°27	15°20	12°50	2°27	2°57	25°R 0	22°59	21°19	16°46	n.a.	T 29
F 30	0 22 24	3♎48'25	16♒54	26♍22	1♍ 8	27♉53	15♌30	12♎57	2♍31	2♌59	25♊ 0	23°R 0	21♌15	16♊52	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9n47	19s 4	2n42	12n37	1s13	0s36	8s45	27s21	4s59	18n48	0n52	1s44	2n21	12n 0	0n44	20n16	0n24	23n49	0n13	13n49	14n 4	17n54		n.a.
F 2	9 25	17 16	1 30	13 4	0 54	0 24	8 46	27 16	4 55	18 45	0 52	1 46	2 21	11 59	0 44	20 16	0 24	23 49	0 13	13 49	14 5	17 56		n.a.
S 3	9 3	14 26	0 14	13 27	0 34	0 10	8 46	27 10	4 52	18 42	0 53	1 49	2 21	11 58	0 44	20 15	0 24	23 49	0 13	13 49	14 6	17 57		n.a.
S 4	8 40	10 49	1s 2	13 46	0 16	0n 5	8 45	27 4	4 48	18 38	0 53	1 51	2 21	11 56	0 44	20 15	0 24	23 49	0 14	13 49	14 7	17 58		n.a.
M 5	8 18	6 43	2 12	14 1	0n 2	0 20	8 43	26 59	4 44	18 35	0 53	1 54	2 20	11 55	0 44	20 14	0 24	23 50	0 14	13 49	14 8	17 59		n.a.
T 6	7 55	2 22	3 14	14 12	0 19	0 36	8 40	26 53	4 40	18 32	0 53	1 57	2 20	11 54	0 44	20 14	0 24	23 50	0 14	13 50	14 9	18 0		n.a.
W 7	7 33	1n58	4 5	14 18	0 34	0 54	8 36	26 47	4 36	18 28	0 53	1 59	2 20	11 52	0 44	20 14	0 24	23 50	0 14	13 50	14 10	18 1		n.a.
T 8	7 10	6 8	4 42	14 19	0 48	1 11	8 31	26 40	4 32	18 25	0 53	2 2	2 20	11 51	0 44	20 13	0 24	23 50	0 14	13 51	14 11	18 2		n.a.
F 9	6 47	9 56	5 6	14 16	1 1	1 30	8 25	26 34	4 28	18 22	0 53	2 5	2 20	11 50	0 44	20 13	0 24	23 50	0 14	13 52	14 12	18 3		n.a.
S 10	6 24	13 16	5 15	14 9	1 12	1 48	8 18	26 28	4 24	18 19	0 53	2 7	2 20	11 48	0 44	20 12	0 24	23 50	0 14	13 53	14 13	18 4		n.a.
S 11	6 1	16 0	5 10	13 57	1 22	2 7	8 11	26 21	4 21	18 16	0 54	2 10	2 20	11 47	0 44	20 12	0 24	23 50	0 14	13 54	14 14	18 5		n.a.
M12	5 38	18 3	4 52	13 42	1 31	2 26	8 3	26 15	4 17	18 12	0 54	2 13	2 20	11 46	0 44	20 12	0 24	23 50	0 14	13 54	14 15	18 7		n.a.
T 13	5 14	19 19	4 22	13 23	1 38	2 45	7 54	26 8	4 13	18 9	0 54	2 16	2 20	11 44	0 44	20 11	0 24	23 50	0 14	13 54	14 17	18 8		n.a.
W14	4 51	19 44	3 40	13 1	1 44	3 5	7 44	26 1	4 9	18 6	0 54	2 18	2 19	11 43	0 44	20 11	0 24	23 50	0 14	13 53	14 18	18 9		n.a.
T 15	4 27	19 14	2 48	12 36	1 49	3 24	7 34	25 54	4 6	18 3	0 54	2 21	2 19	11 42	0 44	20 11	0 24	23 50	0 14	13 53	14 19	18 10		n.a.
F 16	4 4	17 50	1 47	12 8	1 53	3 42	7 23	25 47	4 2	17 59	0 54	2 24	2 19	11 40	0 44	20 10	0 24	23 51	0 14	13 52	14 20	18 11		n.a.
S 17	3 40	15 32	0 40	11 38	1 56	4 1	7 12	25 40	3 58	17 56	0 55	2 27	2 19	11 39	0 44	20 10	0 24	23 51	0 14	13 52	14 21	18 12		n.a.
S 18	3 16	12 24	0n31	11 5	1 58	4 19	7 0	25 33	3 55	17 53	0 55	2 29	2 19	11 38	0 44	20 10	0 24	23 51	0 15	13 52	14 22	18 13		n.a.
M19	2 53	8 34	1 42	10 30	1 59	4 37	6 48	25 26	3 51	17 50	0 55	2 32	2 19	11 37	0 44	20 9	0 24	23 51	0 15	13 52	14 23	18 14		n.a.
T 20	2 29	4 12	2 49	9 53	1 59	4 54	6 36	25 18	3 47	17 47	0 55	2 35	2 19	11 35	0 44	20 9	0 24	23 51	0 15	13 53	14 24	18 15		n.a.
W21	2 5	0s28	3 47	9 15	1 59	5 10	6 23	25 11	3 44	17 44	0 55	2 38	2 19	11 34	0 44	20 9	0 24	23 51	0 15	13 54	14 25	18 16		n.a.
T 22	1 41	5 11	4 32	8 35	1 57	5 26	6 10	25 3	3 40	17 40	0 55	2 41	2 19	11 33	0 44	20 8	0 24	23 51	0 15	13 56	14 26	18 17		n.a.
F 23	1 17	9 40	5 1	7 55	1 56	5 41	5 57	24 55	3 37	17 37	0 56	2 43	2 19	11 31	0 44	20 8	0 24	23 51	0 15	13 58	14 27	18 18		n.a.
S 24	0 53	13 36	5 11	7 13	1 53	5 55	5 44	24 47	3 33	17 34	0 56	2 46	2 19	11 30	0 44	20 8	0 24	23 51	0 15	13 59	14 28	18 19		n.a.
S 25	0 29	16 44	5 2	6 30	1 50	6 9	5 31	24 39	3 30	17 31	0 56	2 49	2 19	11 29	0 44	20 7	0 24	23 51	0 15	14 0	14 29	18 20		n.a.
M26	0 5	18 50	4 34	5 47	1 47	6 22	5 17	24 31	3 27	17 28	0 56	2 52	2 19	11 28	0 44	20 7	0 24	23 51	0 15	14 1	14 30	18 21		n.a.
T 27	0s19	19 45	3 50	5 3	1 43	6 34	5 4	24 23	3 23	17 25	0 56	2 55	2 19	11 26	0 44	20 7	0 24	23 51	0 15	14 1	14 31	18 22		n.a.
W28	0 44	19 26	2 53	4 19	1 39	6 45	4 51	24 15	3 20	17 22	0 56	2 57	2 19	11 25	0 44	20 6	0 24	23 51	0 15	14 1	14 32	18 23		n.a.
T 29	1 8	17 56	1 45	3 34	1 34	6 55	4 37	24 6	3 17	17 19	0 57	3 0	2 18	11 24	0 44	20 6	0 24	23 52	0 15	14 0	14 33	18 24		n.a.
F 30	1s32	15s25	0n33	2n49	1n29	7n 5	4s24	23s58	3s13	17n16	0n57	3s 3	2n18	11n23	0n44	20n 6	0n24	23n52	0n15	14n 0	14n34	18n25		n.a.

Julian Day Number = 1703403.5, Delta T = 03h04m24s
Ecliptic obliquity = 23°41'56, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°44'40, Lahiri = - 4°37'40 Julian Calendar 1 Sept. 50 BCE == Greg. Calendar 30 Aug. 050 BCE

The year -49 astronomical counting style corresponds to year 050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 50 BCE
geocentric

OCTOBER 50 BCE (-49) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 26 20	4♎48'29	0♓25	28♍ 3	1♍19	28♉19	15♌41	13♎ 4	2♍34	3♌ 0	25°R 0	23°R 0	21♌12	16♊59	n.a.	S 1
S 2	0 30 17	5°48'35	13°46	29°44	1°31	28°46	15°51	13°12	2°37	3° 1	25♊ 0	22♌58	21° 9	17° 6	n.a.	S 2
M 3	0 34 14	6°48'43	26°54	1♎24	1°46	29°14	16° 2	13°19	2°41	3° 2	25° 0	22°54	21° 6	17°13	n.a.	M 3
T 4	0 38 10	7°48'53	9♈50	3° 4	2° 3	29°41	16°12	13°26	2°44	3° 3	25° 0	22°47	21° 3	17°19	n.a.	T 4
W 5	0 42 7	8°49'04	22°33	4°43	2°22	0♒ 9	16°22	13°33	2°47	3° 5	25° 0	22°39	21° 0	17°26	n.a.	W 5
T 6	0 46 3	9°49'18	5♉ 2	6°22	2°43	0°37	16°32	13°40	2°50	3° 6	25° 0	22°30	20°56	17°33	n.a.	T 6
F 7	0 50 0	10°49'33	17°19	8° 1	3° 6	1° 6	16°42	13°47	2°54	3° 7	24°59	22°21	20°53	17°39	n.a.	F 7
S 8	0 53 56	11°49'51	29°25	9°39	3°30	1°35	16°52	13°54	2°57	3° 8	24°59	22°13	20°50	17°46	n.a.	S 8
S 9	0 57 53	12°50'11	11♊21	11°17	3°57	2° 4	17° 2	14° 1	3° 0	3° 9	24°59	22° 6	20°47	17°53	n.a.	S 9
M10	1 1 49	13°50'33	23°13	12°54	4°25	2°33	17°12	14° 8	3° 3	3°10	24°59	22° 2	20°44	18° 0	n.a.	M10
T 11	1 5 46	14°50'56	5♋ 3	14°31	4°54	3° 3	17°21	14°16	3° 6	3°11	24°58	21°59	20°40	18° 6	n.a.	T 11
W12	1 9 43	15°51'22	16°58	16° 8	5°26	3°33	17°31	14°23	3° 9	3°12	24°58	21°D58	20°37	18°13	n.a.	W12
T 13	1 13 39	16°51'50	29° 1	17°44	5°58	4° 3	17°40	14°30	3°12	3°13	24°58	21°59	20°34	18°20	n.a.	T 13
F 14	1 17 36	17°52'20	11♌18	19°20	6°33	4°34	17°50	14°37	3°15	3°14	24°57	22° 0	20°31	18°26	n.a.	F 14
S 15	1 21 32	18°52'52	23°55	20°56	7° 8	5° 5	17°59	14°44	3°18	3°14	24°57	22°R 1	20°28	18°33	n.a.	S 15
S 16	1 25 29	19°53'25	6♍55	22°31	7°45	5°36	18° 8	14°51	3°21	3°15	24°57	21°59	20°25	18°40	n.a.	S 16
M17	1 29 25	20°54'01	20°21	24° 6	8°24	6° 7	18°17	14°58	3°24	3°16	24°56	21°56	20°21	18°46	n.a.	M17
T 18	1 33 22	21°54'38	4♎13	25°41	9° 3	6°39	18°26	15° 5	3°27	3°17	24°56	21°50	20°18	18°53	n.a.	T 18
W19	1 37 18	22°55'17	18°28	27°15	9°44	7°10	18°34	15°12	3°29	3°18	24°55	21°42	20°15	19° 0	n.a.	W19
T 20	1 41 15	23°55'57	3♏ 2	28°49	10°26	7°42	18°43	15°20	3°32	3°18	24°55	21°32	20°12	19° 7	n.a.	T 20
F 21	1 45 11	24°56'39	17°48	0♏23	11° 9	8°15	18°51	15°27	3°35	3°19	24°54	21°22	20° 9	19°13	n.a.	F 21
S 22	1 49 8	25°57'23	2♐37	1°57	11°53	8°47	19° 0	15°34	3°38	3°19	24°54	21°12	20° 6	19°20	n.a.	S 22
S 23	1 53 5	26°58'08	17°21	3°30	12°38	9°20	19° 8	15°41	3°40	3°20	24°53	21° 4	20° 2	19°27	n.a.	S 23
M24	1 57 1	27°58'54	1♑53	5° 4	13°24	9°53	19°16	15°48	3°43	3°21	24°52	20°59	19°59	19°33	n.a.	M24
T 25	2 0 58	28°59'41	16° 9	6°37	14°11	10°26	19°24	15°55	3°45	3°21	24°52	20°56	19°56	19°40	n.a.	T 25
W26	2 4 54	0♏ 0'29	0♒ 8	8°10	14°59	10°59	19°32	16° 2	3°48	3°22	24°51	20°D56	19°53	19°47	n.a.	W26
T 27	2 8 51	1° 1'19	13°49	9°43	15°48	11°32	19°40	16° 9	3°50	3°22	24°51	20°R56	19°50	19°54	n.a.	T 27
F 28	2 12 47	2° 2'09	27°14	11°15	16°38	12° 6	19°47	16°16	3°53	3°22	24°50	20°56	19°46	20° 0	n.a.	F 28
S 29	2 16 44	3° 3'00	10♓25	12°48	17°29	12°40	19°55	16°23	3°55	3°23	24°49	20°55	19°43	20° 7	n.a.	S 29
S 30	2 20 40	4° 3'52	23°23	14°20	18°20	13°14	20° 2	16°30	3°58	3°23	24°48	20°50	19°40	20°14	n.a.	S 30
M31	2 24 37	5♏ 4'46	6♈10	15♏52	19♍12	13♒48	20♌ 9	16♎36	4♍ 0	3♌23	24♊48	20♌43	19♌37	20♊20	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1s56	12s 4	0s40	2n 4	1n24	7n13	4s11	23s49	3s10	17n13	0n57	3s 6	2n18	11n22	0n44	20n 5	0n24	23n52	0n15	14n 0	14n35	18n26		n.a.
S 2	2 20	8 9	1 50	1 19	1 19	7 21	3 58	23 40	3 7	17 10	0 57	3 9	2 18	11 20	0 44	20 5	0 24	23 52	0 16	14 1	14 36	18 27		n.a.
M 3	2 44	3 53	2 53	0 33	1 13	7 27	3 45	23 32	3 4	17 7	0 57	3 11	2 18	11 19	0 44	20 5	0 24	23 52	0 16	14 2	14 37	18 28		n.a.
T 4	3 8	0n29	3 46	0s12	1 7	7 33	3 33	23 23	3 0	17 4	0 58	3 14	2 18	11 18	0 44	20 5	0 24	23 52	0 16	14 4	14 38	18 30		n.a.
W 5	3 32	4 45	4 26	0 57	1 1	7 38	3 20	23 13	2 57	17 1	0 58	3 17	2 18	11 17	0 44	20 4	0 24	23 52	0 16	14 7	14 39	18 31		n.a.
T 6	3 56	8 45	4 53	1 43	0 55	7 42	3 8	23 4	2 54	16 58	0 58	3 20	2 18	11 16	0 44	20 4	0 24	23 52	0 16	14 10	14 40	18 32		n.a.
F 7	4 20	12 18	5 6	2 28	0 49	7 45	2 56	22 55	2 51	16 55	0 58	3 23	2 18	11 15	0 44	20 4	0 24	23 52	0 16	14 13	14 41	18 33		n.a.
S 8	4 44	15 17	5 4	3 12	0 43	7 47	2 44	22 45	2 48	16 52	0 58	3 25	2 18	11 13	0 44	20 4	0 24	23 52	0 16	14 15	14 42	18 34		n.a.
S 9	5 7	17 36	4 50	3 57	0 36	7 49	2 32	22 36	2 45	16 50	0 58	3 28	2 18	11 12	0 45	20 4	0 24	23 52	0 16	14 18	14 43	18 35		n.a.
M10	5 31	19 9	4 23	4 41	0 30	7 49	2 21	22 26	2 42	16 47	0 59	3 31	2 18	11 11	0 45	20 3	0 24	23 52	0 16	14 19	14 44	18 36		n.a.
T 11	5 55	19 51	3 45	5 25	0 23	7 49	2 9	22 16	2 39	16 44	0 59	3 34	2 18	11 10	0 45	20 3	0 24	23 52	0 16	14 20	14 45	18 37		n.a.
W12	6 18	19 41	2 57	6 9	0 17	7 48	1 58	22 6	2 37	16 41	0 59	3 36	2 18	11 9	0 45	20 3	0 24	23 52	0 16	14 20	14 46	18 37		n.a.
T 13	6 42	18 37	2 0	6 52	0 10	7 45	1 47	21 56	2 34	16 39	0 59	3 39	2 18	11 8	0 45	20 3	0 24	23 52	0 16	14 20	14 47	18 38		n.a.
F 14	7 5	16 40	0 57	7 35	0 4	7 43	1 37	21 46	2 31	16 36	1 0	3 42	2 18	11 7	0 45	20 3	0 24	23 52	0 16	14 20	14 48	18 39		n.a.
S 15	7 28	13 51	0n10	8 18	0s 3	7 39	1 26	21 36	2 28	16 33	1 0	3 45	2 18	11 6	0 45	20 2	0 24	23 53	0 16	14 19	14 49	18 40		n.a.
S 16	7 52	10 17	1 19	9 0	0 9	7 34	1 16	21 25	2 25	16 31	1 0	3 48	2 18	11 5	0 45	20 2	0 25	23 53	0 17	14 20	14 50	18 41		n.a.
M17	8 15	6 5	2 25	9 42	0 16	7 29	1 6	21 15	2 23	16 28	1 0	3 50	2 18	11 4	0 45	20 2	0 25	23 53	0 17	14 21	14 52	18 42		n.a.
T 18	8 38	1 27	3 25	10 23	0 22	7 23	0 57	21 4	2 20	16 26	1 0	3 53	2 18	11 3	0 45	20 2	0 25	23 53	0 17	14 23	14 53	18 43		n.a.
W19	9 0	3s24	4 14	11 3	0 29	7 17	0 47	20 53	2 17	16 23	1 1	3 56	2 18	11 2	0 45	20 2	0 25	23 53	0 17	14 26	14 54	18 44		n.a.
T 20	9 23	8 9	4 48	11 43	0 35	7 9	0 38	20 42	2 15	16 21	1 1	3 59	2 18	11 1	0 45	20 2	0 25	23 53	0 17	14 29	14 55	18 45		n.a.
F 21	9 46	12 29	5 3	12 23	0 42	7 1	0 29	20 31	2 12	16 18	1 1	4 1	2 18	11 0	0 45	20 2	0 25	23 53	0 17	14 32	14 56	18 46		n.a.
S 22	10 8	16 3	4 57	13 2	0 48	6 52	0 20	20 20	2 9	16 16	1 1	4 4	2 18	10 59	0 45	20 1	0 25	23 53	0 17	14 35	14 57	18 47		n.a.
S 23	10 30	18 34	4 32	13 40	0 54	6 42	0 12	20 9	2 7	16 13	1 2	4 7	2 18	10 58	0 45	20 1	0 25	23 53	0 17	14 38	14 58	18 48		n.a.
M24	10 52	19 51	3 50	14 18	1 0	6 32	0 4	19 58	2 4	16 11	1 2	4 9	2 18	10 57	0 45	20 1	0 25	23 53	0 17	14 39	14 59	18 49		n.a.
T 25	11 14	19 50	2 54	14 55	1 6	6 21	0n 4	19 46	2 2	16 9	1 2	4 12	2 18	10 56	0 45	20 1	0 25	23 53	0 17	14 40	15 0	18 50		n.a.
W26	11 36	18 35	1 48	15 31	1 12	6 10	0 12	19 34	1 59	16 6	1 2	4 15	2 18	10 55	0 45	20 1	0 25	23 53	0 17	14 40	15 1	18 51		n.a.
T 27	11 57	16 15	0 38	16 6	1 18	5 58	0 20	19 23	1 57	16 4	1 2	4 17	2 18	10 54	0 45	20 1	0 25	23 53	0 17	14 40	15 2	18 52		n.a.
F 28	12 19	13 5	0s33	16 41	1 23	5 45	0 27	19 11	1 54	16 2	1 3	4 20	2 19	10 54	0 45	20 1	0 25	23 53	0 17	14 40	15 3	18 53		n.a.
S 29	12 40	9 18	1 41	17 15	1 29	5 32	0 34	18 59	1 52	16 0	1 3	4 23	2 19	10 53	0 45	20 1	0 25	23 53	0 17	14 41	15 4	18 54		n.a.
S 30	13 1	5 9	2 43	17 48	1 34	5 18	0 41	18 47	1 50	15 58	1 3	4 25	2 19	10 52	0 45	20 1	0 25	23 53	0 18	14 42	15 5	18 55		n.a.
M31	13s21	0s49	3s35	18s20	1s39	5n 3	0n48	18s35	1s47	15n56	1n 3	4s28	2n19	10n51	0n45	20n 1	0n25	23n53	0n18	14n44	15n 6	18n56		n.a.

Julian Day Number = 1703433.5, Delta T = 03h04m23s
Ecliptic obliquity = 23°41'57, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°44'36, Lahiri = - 4°37'36 Julian Calendar 1 Oct. 50 BCE == Greg. Calendar 29 Sept. 050 BCE

The year -49 astronomical counting style corresponds to year 050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 50 BCE
geocentric

NOVEMBER 50 BCE (-49) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 28 34	6♏ 5'40	18♈46	17♏24	20♍ 5	14♒22	20♌16	16♎43	4♍ 2	3♌24	24°R47	20°R33	19♌34	20♊27	n.a.	T 1
W 2	2 32 30	7° 6'36	1♉14	18°56	20°59	14°56	20°23	16°50	4° 4	3°24	24♊46	20♌21	19°31	20°34	n.a.	W 2
T 3	2 36 27	8° 7'32	13°31	20°28	21°53	15°31	20°30	16°57	4° 6	3°24	24°45	20° 7	19°27	20°40	n.a.	T 3
F 4	2 40 23	9° 8'30	25°40	21°59	22°48	16° 6	20°36	17° 4	4° 9	3°24	24°44	19°52	19°24	20°47	n.a.	F 4
S 5	2 44 20	10° 9'29	7♊40	23°31	23°43	16°41	20°43	17°11	4°11	3°24	24°44	19°39	19°21	20°54	n.a.	S 5
S 6	2 48 16	11°10'30	19°34	25° 2	24°39	17°16	20°49	17°17	4°13	3°25	24°43	19°27	19°18	21° 1	n.a.	S 6
M 7	2 52 13	12°11'31	1♋24	26°33	25°36	17°51	20°55	17°24	4°15	3°25	24°42	19°18	19°15	21° 7	n.a.	M 7
T 8	2 56 9	13°12'34	13°13	28° 3	26°34	18°26	21° 1	17°31	4°17	3°R25	24°41	19°12	19°12	21°14	n.a.	T 8
W 9	3 0 6	14°13'37	25° 5	29°33	27°32	19° 1	21° 7	17°37	4°18	3°25	24°40	19° 9	19° 8	21°21	n.a.	W 9
T 10	3 4 3	15°14'42	7♌ 4	1♐ 2	28°30	19°37	21°13	17°44	4°20	3°25	24°39	19° 8	19° 5	21°27	n.a.	T 10
F 11	3 7 59	16°15'48	19°18	2°31	29°29	20°12	21°18	17°50	4°22	3°25	24°38	19° 8	19° 2	21°34	n.a.	F 11
S 12	3 11 56	17°16'55	1♍50	4° 0	0♎28	20°48	21°24	17°57	4°24	3°24	24°37	19° 8	18°59	21°41	n.a.	S 12
S 13	3 15 52	18°18'03	14°45	5°27	1°28	21°24	21°29	18° 4	4°25	3°24	24°36	19° 6	18°56	21°47	n.a.	S 13
M14	3 19 49	19°19'13	28° 9	6°54	2°29	22° 0	21°34	18°10	4°27	3°24	24°35	19° 2	18°52	21°54	n.a.	M14
T 15	3 23 45	20°20'23	12♎ 3	8°19	3°30	22°36	21°39	18°16	4°29	3°24	24°34	18°55	18°49	22° 1	n.a.	T 15
W16	3 27 42	21°21'34	26°25	9°44	4°31	23°12	21°43	18°23	4°30	3°24	24°33	18°46	18°46	22° 8	n.a.	W16
T 17	3 31 38	22°22'46	11♏13	11° 6	5°32	23°48	21°48	18°29	4°32	3°23	24°32	18°34	18°43	22°14	n.a.	T 17
F 18	3 35 35	23°23'58	26°18	12°27	6°35	24°25	21°52	18°35	4°33	3°23	24°31	18°22	18°40	22°21	n.a.	F 18
S 19	3 39 32	24°25'11	11♐30	13°46	7°37	25° 1	21°56	18°42	4°34	3°23	24°30	18°11	18°37	22°28	n.a.	S 19
S 20	3 43 28	25°26'25	26°38	15° 2	8°40	25°38	22° 1	18°48	4°36	3°22	24°29	18° 1	18°33	22°34	n.a.	S 20
M21	3 47 25	26°27'39	11♑32	16°15	9°43	26°15	22° 4	18°54	4°37	3°22	24°28	17°55	18°30	22°41	n.a.	M21
T 22	3 51 21	27°28'53	26° 6	17°25	10°46	26°51	22° 8	19° 0	4°38	3°21	24°27	17°51	18°27	22°48	n.a.	T 22
W23	3 55 18	28°30'07	10♒16	18°31	11°50	27°28	22°11	19° 6	4°39	3°21	24°25	17°49	18°24	22°54	n.a.	W23
T 24	3 59 14	29°31'21	24° 1	19°32	12°54	28° 5	22°15	19°12	4°40	3°21	24°24	17°49	18°21	23° 1	n.a.	T 24
F 25	4 3 11	0♐32'36	7♓24	20°28	13°59	28°42	22°18	19°18	4°41	3°20	24°23	17°49	18°18	23° 8	n.a.	F 25
S 26	4 7 8	1°33'50	20°26	21°17	15° 4	29°19	22°21	19°24	4°42	3°19	24°22	17°48	18°14	23°15	n.a.	S 26
S 27	4 11 4	2°35'04	3♈12	22° 0	16° 9	29°56	22°24	19°30	4°43	3°19	24°21	17°44	18°11	23°21	n.a.	S 27
M28	4 15 1	3°36'18	15°45	22°35	17°14	0♓34	22°26	19°36	4°44	3°18	24°20	17°38	18° 8	23°28	n.a.	M28
T 29	4 18 57	4°37'32	28° 6	23° 1	18°20	1°11	22°29	19°41	4°45	3°17	24°18	17°28	18° 5	23°35	n.a.	T 29
W30	4 22 54	5♐38'46	10♉19	23♐18	19♎25	1♓48	22♌31	19♎47	4♍46	3♌17	24♊17	17♌16	18♌ 2	23♊41	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13 s42	3n30	4 s16	18 s52	1 s43	4n48	0n55	18 s22	1 s45	15n54	1n 4	4 s31	2n19	10n50	0n45	20n 1	0n25	23n53	0n18	14n48	15n 7	18n57		n.a.
W 2	14 2	7 36	4 44	19 22	1 48	4 33	1 1	18 10	1 43	15 52	1 4	4 33	2 19	10 49	0 45	20 1	0 25	23 53	0 18	14 52	15 8	18 58		n.a.
T 3	14 22	11 20	4 58	19 52	1 52	4 17	1 7	17 57	1 41	15 50	1 4	4 36	2 19	10 49	0 45	20 1	0 25	23 53	0 18	14 56	15 9	18 58		n.a.
F 4	14 42	14 33	4 58	20 20	1 56	4 0	1 13	17 45	1 38	15 48	1 4	4 38	2 19	10 48	0 45	20 1	0 25	23 53	0 18	15 1	15 10	18 59		n.a.
S 5	15 1	17 8	4 46	20 48	2 0	3 43	1 18	17 32	1 36	15 46	1 5	4 41	2 19	10 47	0 45	20 1	0 25	23 53	0 18	15 5	15 11	19 0		n.a.
S 6	15 21	18 58	4 20	21 14	2 4	3 26	1 24	17 19	1 34	15 44	1 5	4 43	2 19	10 47	0 45	20 1	0 25	23 54	0 18	15 9	15 12	19 1		n.a.
M 7	15 40	19 58	3 44	21 39	2 7	3 8	1 29	17 6	1 32	15 42	1 5	4 46	2 19	10 46	0 45	20 1	0 25	23 54	0 18	15 12	15 13	19 2		n.a.
T 8	15 58	20 5	2 58	22 3	2 10	2 49	1 34	16 53	1 30	15 41	1 6	4 48	2 19	10 45	0 46	20 1	0 25	23 54	0 18	15 13	15 14	19 3		n.a.
W 9	16 17	19 19	2 4	22 26	2 12	2 30	1 39	16 40	1 28	15 39	1 6	4 51	2 19	10 44	0 46	20 1	0 25	23 54	0 18	15 14	15 15	19 4		n.a.
T 10	16 35	17 41	1 3	22 47	2 14	2 11	1 44	16 27	1 26	15 37	1 6	4 53	2 19	10 44	0 46	20 1	0 25	23 54	0 18	15 15	15 16	19 5		n.a.
F 11	16 53	15 13	0n 1	23 7	2 16	1 52	1 48	16 14	1 24	15 36	1 6	4 56	2 20	10 43	0 46	20 1	0 25	23 54	0 18	15 15	15 17	19 6		n.a.
S 12	17 11	11 59	1 7	23 26	2 17	1 32	1 52	16 0	1 22	15 34	1 7	4 58	2 20	10 43	0 46	20 1	0 25	23 54	0 18	15 15	15 18	19 7		n.a.
S 13	17 28	8 5	2 11	23 43	2 18	1 11	1 57	15 47	1 20	15 33	1 7	5 0	2 20	10 42	0 46	20 1	0 25	23 54	0 19	15 15	15 19	19 7		n.a.
M14	17 45	3 39	3 11	23 58	2 18	0 51	2 0	15 33	1 18	15 32	1 7	5 3	2 20	10 41	0 46	20 1	0 25	23 54	0 19	15 17	15 20	19 8		n.a.
T 15	18 1	1 s 7	4 1	24 12	2 18	0 30	2 4	15 19	1 16	15 30	1 7	5 5	2 20	10 41	0 46	20 1	0 25	23 54	0 19	15 19	15 21	19 9		n.a.
W16	18 18	5 59	4 38	24 25	2 17	0 8	2 8	15 5	1 14	15 29	1 8	5 8	2 20	10 40	0 46	20 1	0 25	23 54	0 19	15 22	15 22	19 10		n.a.
T 17	18 34	10 38	4 58	24 35	2 16	0 s13	2 11	14 51	1 12	15 28	1 8	5 10	2 20	10 40	0 46	20 1	0 25	23 54	0 19	15 25	15 23	19 11		n.a.
F 18	18 49	14 43	4 57	24 44	2 13	0 35	2 14	14 37	1 10	15 27	1 8	5 12	2 20	10 39	0 46	20 1	0 25	23 54	0 19	15 29	15 24	19 12		n.a.
S 19	19 5	17 51	4 36	24 51	2 10	0 57	2 17	14 23	1 8	15 26	1 9	5 14	2 20	10 39	0 46	20 1	0 25	23 54	0 19	15 33	15 25	19 13		n.a.
S 20	19 20	19 44	3 55	24 57	2 7	1 20	2 20	14 9	1 6	15 24	1 9	5 17	2 20	10 39	0 46	20 1	0 25	23 54	0 19	15 36	15 26	19 14		n.a.
M21	19 34	20 13	2 59	25 0	2 2	1 42	2 23	13 55	1 4	15 23	1 9	5 19	2 21	10 38	0 46	20 2	0 25	23 54	0 19	15 38	15 27	19 14		n.a.
T 22	19 49	19 19	1 52	25 2	1 56	2 5	2 25	13 40	1 3	15 23	1 9	5 21	2 21	10 38	0 46	20 2	0 25	23 54	0 19	15 39	15 28	19 15		n.a.
W23	20 3	17 13	0 40	25 1	1 50	2 28	2 28	13 26	1 1	15 22	1 10	5 23	2 21	10 37	0 46	20 2	0 26	23 54	0 19	15 39	15 29	19 16		n.a.
T 24	20 16	14 10	0 s33	24 59	1 42	2 51	2 30	13 11	0 59	15 21	1 10	5 26	2 21	10 37	0 46	20 2	0 26	23 54	0 19	15 39	15 30	19 17		n.a.
F 25	20 29	10 27	1 42	24 54	1 33	3 15	2 32	12 57	0 57	15 20	1 10	5 28	2 21	10 37	0 46	20 2	0 26	23 54	0 19	15 39	15 31	19 18		n.a.
S 26	20 42	6 20	2 44	24 48	1 24	3 38	2 34	12 42	0 56	15 19	1 11	5 30	2 21	10 36	0 46	20 2	0 26	23 54	0 19	15 40	15 32	19 19		n.a.
S 27	20 54	2 0	3 36	24 39	1 12	4 2	2 35	12 27	0 54	15 19	1 11	5 32	2 21	10 36	0 46	20 2	0 26	23 54	0 19	15 41	15 33	19 20		n.a.
M28	21 6	2n19	4 16	24 29	1 0	4 26	2 37	12 13	0 52	15 18	1 11	5 34	2 22	10 36	0 46	20 3	0 26	23 54	0 20	15 43	15 34	19 20		n.a.
T 29	21 18	6 29	4 44	24 17	0 46	4 50	2 38	11 58	0 51	15 18	1 11	5 36	2 22	10 35	0 46	20 3	0 26	23 54	0 20	15 46	15 35	19 21		n.a.
W30	21 s29	10n21	4 s59	24 s 3	0 s31	5 s13	2n39	11 s43	0 s49	15n17	1n12	5 s38	2n22	10n35	0n46	20n 3	0n26	23n54	0n20	15n50	15n36	19n22		n.a.

Julian Day Number = 1703464.5, Delta T = 03h04m23s
Ecliptic obliquity = 23°41'57, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°44'32, Lahiri = - 4°37'31 Julian Calendar 1 Nov. 50 BCE == Greg. Calendar 30 Oct. 050 BCE

The year -49 astronomical counting style corresponds to year 050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 50 BCE
geocentric

DECEMBER 50 BCE (-49) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 26 50	6♐40'00	22♉24	23°R24	20♎31	2♓26	22♌33	19♎53	4♍46	3°R16	24°R16	17°R 3	17♌58	23♊48	n.a.	T 1
F 2	4 30 47	7°41'14	4♊24	23♐19	21°38	3° 3	22°35	19°58	4°47	3♌15	24♊15	16♌49	17°55	23°55	n.a.	F 2
S 3	4 34 43	8°42'29	16°19	23° 2	22°44	3°41	22°36	20° 4	4°48	3°14	24°14	16°36	17°52	24° 1	n.a.	S 3
S 4	4 38 40	9°43'43	28°10	22°34	23°51	4°18	22°38	20° 9	4°48	3°14	24°12	16°25	17°49	24° 8	n.a.	S 4
M 5	4 42 37	10°44'57	10♋ 0	21°53	24°58	4°56	22°39	20°15	4°49	3°13	24°11	16°16	17°46	24°15	n.a.	M 5
T 6	4 46 33	11°46'11	21°50	21° 2	26° 6	5°34	22°40	20°20	4°49	3°12	24°10	16°10	17°43	24°22	n.a.	T 6
W 7	4 50 30	12°47'25	3♌43	20° 1	27°13	6°12	22°41	20°25	4°49	3°11	24° 8	16° 7	17°39	24°28	n.a.	W 7
T 8	4 54 26	13°48'39	15°43	18°51	28°21	6°49	22°42	20°30	4°50	3°10	24° 7	16°D 6	17°36	24°35	n.a.	T 8
F 9	4 58 23	14°49'54	27°55	17°36	29°29	7°27	22°42	20°35	4°50	3° 9	24° 6	16° 7	17°33	24°42	n.a.	F 9
S 10	5 2 19	15°51'08	10♍23	16°16	0♏37	8° 5	22°42	20°41	4°50	3° 8	24° 5	16°R 7	17°30	24°48	n.a.	S 10
S 11	5 6 16	16°52'22	23°13	14°56	1°45	8°43	22°R43	20°46	4°50	3° 7	24° 3	16° 7	17°27	24°55	n.a.	S 11
M12	5 10 12	17°53'36	6♎28	13°37	2°53	9°21	22°42	20°50	4°50	3° 6	24° 2	16° 5	17°23	25° 2	n.a.	M12
T 13	5 14 9	18°54'50	20°13	12°22	4° 2	9°59	22°42	20°55	4°R50	3° 5	24° 1	16° 1	17°20	25° 8	n.a.	T 13
W14	5 18 6	19°56'04	4♏28	11°13	5°11	10°37	22°42	21° 0	4°50	3° 4	24° 0	15°55	17°17	25°15	n.a.	W14
T 15	5 22 2	20°57'17	19°10	10°11	6°20	11°15	22°41	21° 5	4°50	3° 3	23°58	15°47	17°14	25°22	n.a.	T 15
F 16	5 25 59	21°58'31	4♐14	9°18	7°29	11°54	22°40	21° 9	4°50	3° 2	23°57	15°38	17°11	25°28	n.a.	F 16
S 17	5 29 55	22°59'44	19°32	8°34	8°38	12°32	22°39	21°14	4°50	3° 0	23°56	15°30	17° 8	25°35	n.a.	S 17
S 18	5 33 52	24° 0'56	4♑51	8° 0	9°47	13°10	22°38	21°18	4°50	2°59	23°54	15°23	17° 4	25°42	n.a.	S 18
M19	5 37 48	25° 2'08	20° 1	7°36	10°57	13°48	22°36	21°23	4°49	2°58	23°53	15°18	17° 1	25°49	n.a.	M19
T 20	5 41 45	26° 3'19	4♒52	7°21	12° 6	14°27	22°35	21°27	4°49	2°57	23°52	15°16	16°58	25°55	n.a.	T 20
W21	5 45 42	27° 4'29	19°18	7°D14	13°16	15° 5	22°33	21°31	4°49	2°55	23°50	15°D15	16°55	26° 2	n.a.	W21
T 22	5 49 38	28° 5'38	3♓17	7°17	14°26	15°43	22°31	21°35	4°48	2°54	23°49	15°16	16°52	26° 9	n.a.	T 22
F 23	5 53 35	29° 6'45	16°48	7°27	15°36	16°22	22°29	21°40	4°48	2°53	23°48	15°17	16°49	26°15	n.a.	F 23
S 24	5 57 31	0♑ 7'52	29°55	7°44	16°46	17° 0	22°26	21°44	4°47	2°51	23°47	15°R18	16°45	26°22	n.a.	S 24
S 25	6 1 28	1° 8'58	12♈40	8° 8	17°56	17°39	22°24	21°47	4°46	2°50	23°45	15°17	16°42	26°29	n.a.	S 25
M26	6 5 24	2°10'02	25° 8	8°38	19° 6	18°17	22°21	21°51	4°46	2°49	23°44	15°14	16°39	26°35	n.a.	M26
T 27	6 9 21	3°11'05	7♉22	9°13	20°17	18°56	22°18	21°55	4°45	2°47	23°43	15°10	16°36	26°42	n.a.	T 27
W28	6 13 17	4°12'07	19°26	9°53	21°27	19°34	22°15	21°59	4°44	2°46	23°41	15° 3	16°33	26°49	n.a.	W28
T 29	6 17 14	5°13'08	1♊24	10°38	22°38	20°13	22°11	22° 2	4°43	2°45	23°40	14°56	16°29	26°56	n.a.	T 29
F 30	6 21 11	6°14'08	13°17	11°27	23°49	20°52	22° 8	22° 6	4°42	2°43	23°39	14°48	16°26	27° 2	n.a.	F 30
S 31	6 25 7	7♑15'07	25♊ 7	12♐20	24♏59	21♓30	22♌ 4	22♎ 9	4♍41	2♌42	23♊38	14♌41	16♌23	27♊ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21 s39	13n44	5 s 0	23 s47	0 s15	5 s38	2n41	11 s28	0 s47	15n17	1n12	5 s40	2n22	10n35	0n47	20n 3	0n26	23n54	0n20	15n54	15n37	19n23			n.a.
F 2	21 50	16 33	4 47	23 29	0n 3	6 2	2 41	11 12	0 46	15 17	1 12	5 42	2 22	10 35	0 47	20 3	0 26	23 54	0 20	15 58	15 38	19 24			n.a.
S 3	22 0	18 38	4 22	23 10	0 21	6 26	2 42	10 57	0 44	15 16	1 13	5 44	2 22	10 35	0 47	20 4	0 26	23 54	0 20	16 2	15 39	19 24			n.a.
S 4	22 9	19 55	3 46	22 49	0 40	6 50	2 43	10 42	0 43	15 16	1 13	5 46	2 22	10 34	0 47	20 4	0 26	23 54	0 20	16 5	15 40	19 25			n.a.
M 5	22 18	20 20	3 0	22 27	1 0	7 14	2 43	10 27	0 41	15 16	1 13	5 48	2 23	10 34	0 47	20 4	0 26	23 54	0 20	16 8	15 41	19 26			n.a.
T 6	22 27	19 50	2 6	22 4	1 20	7 38	2 44	10 11	0 40	15 16	1 13	5 50	2 23	10 34	0 47	20 4	0 26	23 54	0 20	16 10	15 41	19 27			n.a.
W 7	22 35	18 28	1 6	21 40	1 40	8 3	2 44	9 56	0 38	15 16	1 14	5 51	2 23	10 34	0 47	20 5	0 26	23 54	0 20	16 11	15 42	19 28			n.a.
T 8	22 42	16 16	0 2	21 16	1 58	8 27	2 44	9 40	0 37	15 16	1 14	5 53	2 23	10 34	0 47	20 5	0 26	23 54	0 20	16 11	15 43	19 29			n.a.
F 9	22 50	13 18	1n 3	20 51	2 16	8 51	2 44	9 25	0 35	15 16	1 14	5 55	2 23	10 34	0 47	20 5	0 26	23 54	0 20	16 11	15 44	19 29			n.a.
S 10	22 56	9 42	2 6	20 28	2 32	9 15	2 44	9 9	0 34	15 16	1 15	5 57	2 23	10 34	0 47	20 5	0 26	23 54	0 20	16 11	15 45	19 30			n.a.
S 11	23 3	5 33	3 5	20 5	2 46	9 39	2 44	8 53	0 32	15 16	1 15	5 58	2 24	10 34	0 47	20 6	0 26	23 54	0 20	16 11	15 46	19 31			n.a.
M12	23 8	1 1	3 56	19 44	2 58	10 3	2 43	8 38	0 31	15 17	1 15	6 0	2 24	10 34	0 47	20 6	0 26	23 54	0 21	16 11	15 47	19 32			n.a.
T 13	23 14	3 s44	4 36	19 26	3 7	10 27	2 43	8 22	0 30	15 17	1 16	6 2	2 24	10 34	0 47	20 6	0 26	23 54	0 21	16 12	15 48	19 32			n.a.
W14	23 19	8 27	5 0	19 10	3 14	10 51	2 42	8 6	0 28	15 18	1 16	6 3	2 24	10 34	0 47	20 6	0 26	23 54	0 21	16 14	15 49	19 33			n.a.
T 15	23 23	12 49	5 5	18 56	3 19	11 14	2 41	7 50	0 27	15 18	1 16	6 5	2 24	10 34	0 47	20 7	0 26	23 54	0 21	16 17	15 50	19 34			n.a.
F 16	23 27	16 28	4 50	18 46	3 21	11 38	2 41	7 34	0 25	15 19	1 16	6 7	2 25	10 34	0 47	20 7	0 26	23 54	0 21	16 19	15 51	19 35			n.a.
S 17	23 31	19 4	4 14	18 39	3 21	12 1	2 40	7 18	0 24	15 19	1 17	6 8	2 25	10 34	0 47	20 7	0 26	23 54	0 21	16 22	15 52	19 36			n.a.
S 18	23 34	20 17	3 20	18 36	3 20	12 24	2 38	7 2	0 23	15 20	1 17	6 10	2 25	10 35	0 47	20 8	0 26	23 54	0 21	16 24	15 53	19 36			n.a.
M19	23 36	20 1	2 12	18 35	3 16	12 47	2 37	6 46	0 22	15 21	1 17	6 11	2 25	10 35	0 47	20 8	0 26	23 54	0 21	16 25	15 54	19 37			n.a.
T 20	23 38	18 21	0 56	18 37	3 12	13 10	2 36	6 30	0 20	15 22	1 18	6 13	2 25	10 35	0 47	20 8	0 26	23 54	0 21	16 26	15 55	19 38			n.a.
W21	23 40	15 32	0 s22	18 42	3 6	13 32	2 35	6 14	0 19	15 22	1 18	6 14	2 26	10 35	0 47	20 8	0 26	23 54	0 21	16 26	15 56	19 39			n.a.
T 22	23 41	11 54	1 36	18 49	2 59	13 54	2 33	5 58	0 18	15 23	1 18	6 15	2 26	10 35	0 47	20 9	0 26	23 54	0 21	16 26	15 57	19 39			n.a.
F 23	23 42	7 45	2 42	18 58	2 52	14 16	2 32	5 41	0 17	15 24	1 19	6 17	2 26	10 36	0 47	20 9	0 26	23 54	0 21	16 26	15 58	19 40			n.a.
S 24	23 42	3 21	3 38	19 9	2 44	14 38	2 30	5 25	0 15	15 25	1 19	6 18	2 26	10 36	0 48	20 9	0 26	23 54	0 21	16 25	15 59	19 41			n.a.
S 25	23 42	1n 4	4 21	19 21	2 35	14 59	2 28	5 9	0 14	15 27	1 19	6 19	2 26	10 36	0 48	20 10	0 26	23 54	0 21	16 26	16 0	19 42			n.a.
M26	23 41	5 19	4 51	19 35	2 26	15 21	2 26	4 53	0 13	15 28	1 19	6 20	2 27	10 36	0 48	20 10	0 26	23 54	0 21	16 26	16 1	19 42			n.a.
T 27	23 40	9 17	5 6	19 49	2 16	15 41	2 24	4 36	0 12	15 29	1 20	6 22	2 27	10 37	0 48	20 10	0 26	23 54	0 21	16 28	16 2	19 43			n.a.
W28	23 38	12 50	5 8	20 5	2 7	16 2	2 22	4 20	0 11	15 30	1 20	6 23	2 27	10 37	0 48	20 11	0 26	23 54	0 22	16 30	16 3	19 44			n.a.
T 29	23 36	15 49	4 57	20 21	1 57	16 22	2 20	4 4	0 9	15 32	1 20	6 24	2 27	10 37	0 48	20 11	0 26	23 54	0 22	16 32	16 4	19 45			n.a.
F 30	23 33	18 8	4 32	20 38	1 47	16 42	2 18	3 47	0 8	15 33	1 21	6 25	2 27	10 38	0 48	20 12	0 26	23 54	0 22	16 34	16 5	19 45			n.a.
S 31	23 s30	19n40	3 s56	20 s54	1n38	17 s 1	2n16	3 s31	0 s 7	15n35	1n21	6 s26	2n28	10n38	0n48	20n12	0n26	23n54	0n22	16n36	16n 6	19n46			n.a.

Julian Day Number = 1703494.5, Delta T = 03h04m22s
Ecliptic obliquity = 23°41'56, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°44'28, Lahiri = - 4°37'27 Julian Calendar 1 Dec. 50 BCE == Greg. Calendar 29 Nov. 050 BCE

The year -49 astronomical counting style corresponds to year 050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 49 BCE
geocentric

JANUARY 49 BCE (-48) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 29 4	8♑16'04	6♋58	13♐16	26♏10	22♓ 9	22°R 0	22♎12	4°R40	2°R40	23°R36	14°R34	16♌20	27♊16	n.a.	S 1
M 2	6 33 0	9°17'00	18°50	14°15	27°21	22°47	21♌56	22°16	4♍39	2♌39	23♊35	14♌30	16°17	27°22	n.a.	M 2
T 3	6 36 57	10°17'56	0♌45	15°17	28°32	23°26	21°52	22°19	4°38	2°37	23°34	14°27	16°14	27°29	n.a.	T 3
W 4	6 40 53	11°18'50	12°45	16°21	29°43	24° 5	21°48	22°22	4°37	2°36	23°33	14°D26	16°10	27°36	n.a.	W 4
T 5	6 44 50	12°19'43	24°53	17°28	0♐54	24°43	21°43	22°25	4°36	2°34	23°31	14°26	16° 7	27°42	n.a.	T 5
F 6	6 48 46	13°20'35	7♍12	18°37	2° 6	25°22	21°39	22°28	4°34	2°33	23°30	14°28	16° 4	27°49	n.a.	F 6
S 7	6 52 43	14°21'25	19°44	19°48	3°17	26° 1	21°34	22°30	4°33	2°31	23°29	14°30	16° 1	27°56	n.a.	S 7
S 8	6 56 40	15°22'15	2♎34	21° 0	4°28	26°40	21°29	22°33	4°32	2°29	23°28	14°31	15°58	28° 2	n.a.	S 8
M 9	7 0 36	16°23'04	15°46	22°15	5°40	27°18	21°24	22°36	4°30	2°28	23°27	14°R32	15°55	28° 9	n.a.	M 9
T 10	7 4 33	17°23'51	29°21	23°31	6°52	27°57	21°18	22°38	4°29	2°26	23°25	14°31	15°51	28°16	n.a.	T 10
W11	7 8 29	18°24'38	13♏21	24°48	8° 3	28°36	21°13	22°40	4°27	2°25	23°24	14°29	15°48	28°22	n.a.	W11
T 12	7 12 26	19°25'23	27°47	26° 7	9°15	29°15	21° 7	22°43	4°26	2°23	23°23	14°26	15°45	28°29	n.a.	T 12
F 13	7 16 22	20°26'07	12♐34	27°27	10°27	29°53	21° 1	22°45	4°24	2°21	23°22	14°23	15°42	28°36	n.a.	F 13
S 14	7 20 19	21°26'50	27°37	28°48	11°38	0♈32	20°56	22°47	4°23	2°20	23°21	14°20	15°39	28°43	n.a.	S 14
S 15	7 24 15	22°27'32	12♑47	0♑11	12°50	1°11	20°50	22°49	4°21	2°18	23°20	14°17	15°35	28°49	n.a.	S 15
M16	7 28 12	23°28'12	27°54	1°35	14° 2	1°50	20°43	22°51	4°19	2°16	23°19	14°15	15°32	28°56	n.a.	M16
T 17	7 32 9	24°28'50	12♒49	3° 0	15°14	2°29	20°37	22°53	4°17	2°15	23°18	14°D15	15°29	29° 3	n.a.	T 17
W18	7 36 5	25°29'27	27°24	4°26	16°26	3° 7	20°31	22°54	4°16	2°13	23°16	14°15	15°26	29° 9	n.a.	W18
T 19	7 40 2	26°30'02	11♓34	5°53	17°38	3°46	20°24	22°56	4°14	2°11	23°15	14°16	15°23	29°16	n.a.	T 19
F 20	7 43 58	27°30'34	25°17	7°21	18°50	4°25	20°18	22°57	4°12	2°10	23°14	14°17	15°20	29°23	n.a.	F 20
S 21	7 47 55	28°31'05	8♈33	8°50	20° 2	5° 4	20°11	22°59	4°10	2° 8	23°13	14°19	15°16	29°29	n.a.	S 21
S 22	7 51 51	29°31'34	21°25	10°20	21°14	5°43	20° 4	23° 0	4° 8	2° 6	23°12	14°19	15°13	29°36	n.a.	S 22
M23	7 55 48	0♒32'01	3♉56	11°51	22°26	6°22	19°57	23° 1	4° 6	2° 5	23°11	14°R20	15°10	29°43	n.a.	M23
T 24	7 59 44	1°32'26	16°10	13°23	23°39	7° 0	19°50	23° 2	4° 4	2° 3	23°10	14°19	15° 7	29°49	n.a.	T 24
W25	8 3 41	2°32'49	28°12	14°56	24°51	7°39	19°43	23° 3	4° 2	2° 1	23° 9	14°18	15° 4	29°56	n.a.	W25
T 26	8 7 38	3°33'10	10♊ 6	16°30	26° 3	8°18	19°36	23° 4	4° 0	2° 0	23° 8	14°17	15° 1	0♋ 3	n.a.	T 26
F 27	8 11 34	4°33'29	21°57	18° 5	27°15	8°57	19°28	23° 5	3°58	1°58	23° 7	14°15	14°57	0° 9	n.a.	F 27
S 28	8 15 31	5°33'46	3♋46	19°41	28°28	9°36	19°21	23° 6	3°56	1°56	23° 7	14°14	14°54	0°16	n.a.	S 28
S 29	8 19 27	6°34'01	15°38	21°18	29°40	10°15	19°14	23° 6	3°53	1°55	23° 6	14°13	14°51	0°23	n.a.	S 29
M30	8 23 24	7°34'13	27°35	22°56	0♑52	10°53	19° 6	23° 7	3°51	1°53	23° 5	14°12	14°48	0°30	n.a.	M30
T 31	8 27 20	8♒34'24	9♌38	24♑35	2♑ 5	11♈32	18♌58	23♎ 7	3♍49	1♌51	23♊ 4	14°D12	14♌45	0♋36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23 s26	20n21	3 s10	21 s11	1n28	17 s21	2n13	3 s14	0 s 6	15n36	1n21	6 s27	2n28	10n39	0n48	20n12	0n26	23n54	0n22	16n38	16n 7	19n47		n.a.
M 2	23 22	20 8	2 15	21 28	1 18	17 39	2 11	2 58	0 5	15 38	1 21	6 28	2 28	10 39	0 48	20 13	0 26	23 54	0 22	16 40	16 8	19 47		n.a.
T 3	23 18	19 0	1 14	21 45	1 8	17 58	2 9	2 42	0 4	15 39	1 22	6 29	2 28	10 39	0 48	20 13	0 26	23 54	0 22	16 40	16 9	19 48		n.a.
W 4	23 13	17 1	0 9	22 1	0 59	18 15	2 6	2 25	0 3	15 41	1 22	6 30	2 29	10 40	0 48	20 13	0 26	23 54	0 22	16 41	16 10	19 49		n.a.
T 5	23 7	14 16	0n57	22 17	0 49	18 33	2 3	2 9	0 2	15 43	1 22	6 31	2 29	10 40	0 48	20 14	0 26	23 54	0 22	16 41	16 11	19 50		n.a.
F 6	23 1	10 50	2 2	22 32	0 40	18 50	2 1	1 52	0 1	15 44	1 22	6 32	2 29	10 41	0 48	20 14	0 26	23 54	0 22	16 40	16 12	19 50		n.a.
S 7	22 55	6 53	3 2	22 47	0 31	19 6	1 58	1 36	0n 0	15 46	1 23	6 33	2 29	10 41	0 48	20 14	0 27	23 54	0 22	16 40	16 12	19 51		n.a.
S 8	22 48	2 32	3 54	23 1	0 22	19 23	1 55	1 19	0 1	15 48	1 23	6 33	2 29	10 42	0 48	20 15	0 27	23 54	0 22	16 39	16 13	19 52		n.a.
M 9	22 41	2s 2	4 36	23 15	0 13	19 38	1 53	1 3	0 2	15 50	1 23	6 34	2 30	10 42	0 48	20 15	0 27	23 54	0 22	16 39	16 14	19 52		n.a.
T 10	22 33	6 38	5 3	23 28	0 5	19 53	1 50	0 46	0 3	15 52	1 23	6 35	2 30	10 43	0 48	20 16	0 27	23 54	0 22	16 39	16 15	19 53		n.a.
W11	22 25	11 1	5 14	23 40	0s 4	20 8	1 47	0 30	0 4	15 54	1 24	6 36	2 30	10 44	0 48	20 16	0 27	23 54	0 22	16 40	16 16	19 54		n.a.
T 12	22 17	14 55	5 6	23 51	0 12	20 22	1 44	0 13	0 5	15 56	1 24	6 36	2 30	10 44	0 48	20 16	0 27	23 54	0 23	16 41	16 17	19 54		n.a.
F 13	22 8	17 58	4 37	24 1	0 20	20 36	1 41	0n 3	0 6	15 58	1 24	6 37	2 31	10 45	0 48	20 17	0 27	23 54	0 23	16 42	16 18	19 55		n.a.
S 14	21 58	19 51	3 49	24 9	0 28	20 49	1 38	0 20	0 7	16 0	1 24	6 37	2 31	10 45	0 48	20 17	0 27	23 54	0 23	16 43	16 19	19 56		n.a.
S 15	21 48	20 20	2 45	24 17	0 35	21 1	1 35	0 36	0 8	16 2	1 25	6 38	2 31	10 46	0 48	20 18	0 27	23 54	0 23	16 43	16 20	19 56		n.a.
M16	21 38	19 21	1 29	24 24	0 43	21 13	1 32	0 52	0 9	16 5	1 25	6 38	2 31	10 47	0 48	20 18	0 27	23 54	0 23	16 44	16 21	19 57		n.a.
T 17	21 27	17 1	0 8	24 30	0 50	21 24	1 28	1 9	0 10	16 7	1 25	6 39	2 32	10 47	0 48	20 18	0 27	23 54	0 23	16 44	16 22	19 58		n.a.
W18	21 16	13 38	1s12	24 34	0 56	21 35	1 25	1 25	0 11	16 9	1 25	6 39	2 32	10 48	0 48	20 19	0 27	23 54	0 23	16 44	16 23	19 58		n.a.
T 19	21 5	9 32	2 25	24 37	1 3	21 45	1 22	1 42	0 12	16 12	1 25	6 40	2 32	10 49	0 48	20 19	0 27	23 54	0 23	16 44	16 24	19 59		n.a.
F 20	20 53	5 4	3 28	24 39	1 9	21 55	1 19	1 58	0 13	16 14	1 26	6 40	2 32	10 50	0 48	20 20	0 27	23 54	0 23	16 43	16 25	20 0		n.a.
S 21	20 41	0 30	4 17	24 39	1 15	22 4	1 16	2 14	0 14	16 16	1 26	6 40	2 33	10 50	0 49	20 20	0 27	23 54	0 23	16 43	16 26	20 0		n.a.
S 22	20 28	3n56	4 52	24 38	1 21	22 12	1 12	2 31	0 14	16 19	1 26	6 40	2 33	10 51	0 49	20 20	0 27	23 54	0 23	16 43	16 27	20 1		n.a.
M23	20 15	8 5	5 12	24 36	1 26	22 20	1 9	2 47	0 15	16 21	1 26	6 41	2 33	10 52	0 49	20 21	0 27	23 54	0 23	16 43	16 28	20 2		n.a.
T 24	20 2	11 48	5 17	24 32	1 31	22 27	1 6	3 3	0 16	16 23	1 26	6 41	2 33	10 53	0 49	20 21	0 27	23 54	0 23	16 43	16 29	20 2		n.a.
W25	19 48	14 59	5 7	24 27	1 36	22 33	1 2	3 20	0 17	16 26	1 27	6 41	2 34	10 53	0 49	20 22	0 27	23 54	0 23	16 43	16 30	20 3		n.a.
T 26	19 34	17 30	4 45	24 20	1 40	22 39	0 59	3 36	0 18	16 28	1 27	6 41	2 34	10 54	0 49	20 22	0 27	23 54	0 23	16 43	16 31	20 3		n.a.
F 27	19 20	19 17	4 11	24 11	1 45	22 44	0 56	3 52	0 19	16 31	1 27	6 41	2 34	10 55	0 49	20 22	0 27	23 54	0 23	16 44	16 31	20 4		n.a.
S 28	19 5	20 13	3 26	24 1	1 48	22 49	0 53	4 8	0 19	16 33	1 27	6 41	2 34	10 56	0 49	20 23	0 27	23 54	0 23	16 44	16 32	20 5		n.a.
S 29	18 50	20 15	2 32	23 50	1 52	22 53	0 49	4 24	0 20	16 36	1 27	6 41	2 35	10 57	0 49	20 23	0 27	23 54	0 24	16 45	16 33	20 5		n.a.
M30	18 35	19 23	1 31	23 37	1 55	22 56	0 46	4 41	0 21	16 38	1 27	6 41	2 35	10 57	0 49	20 23	0 27	23 55	0 24	16 45	16 34	20 6		n.a.
T 31	18 s19	17n37	0 s25	23 s22	1 s58	22 s58	0n42	4n57	0n22	16n41	1n27	6 s41	2n35	10n58	0n49	20n24	0n27	23n55	0n24	16n45	16n35	20n 7		n.a.

Julian Day Number = 1703525.5, Delta T = 03h04m21s
Ecliptic obliquity = 23°41'56, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°44'23, Lahiri = - 4°37'23 Julian Calendar 1 Jan. 49 BCE == Greg. Calendar 30 Dec. 050 BCE

The year -48 astronomical counting style corresponds to year 049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 49 BCE
geocentric

FEBRUARY 49 BCE (-48) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 31 17	9♒34'33	21♌51	26♉15	3♉17	12♈11	18°R51	23♎ 7	3°R47	1°R50	23°R 3	14♌12	14♌41	0♋43	n.a.	W 1
T 2	8 35 13	10°34'40	4♍13	27°57	4°30	12°50	18♌43	23° 8	3♍44	1♌48	23♊ 2	14°12	14°38	0°50	n.a.	T 2
F 3	8 39 10	11°34'46	16°47	29°39	5°42	13°29	18°36	23°R 8	3°42	1°46	23° 1	14°12	14°35	0°56	n.a.	F 3
S 4	8 43 7	12°34'49	29°34	1♒22	6°55	14° 8	18°28	23° 8	3°40	1°45	23° 1	14°12	14°32	1° 3	n.a.	S 4
S 5	8 47 3	13°34'51	12♎36	3° 6	8° 7	14°46	18°20	23° 7	3°37	1°43	23° 0	14°13	14°29	1°10	n.a.	S 5
M 6	8 51 0	14°34'50	25°54	4°52	9°20	15°25	18°12	23° 7	3°35	1°41	22°59	14°R13	14°26	1°16	n.a.	M 6
T 7	8 54 56	15°34'49	9♏29	6°38	10°33	16° 4	18° 4	23° 7	3°33	1°40	22°58	14°D13	14°22	1°23	n.a.	T 7
W 8	8 58 53	16°34'45	23°22	8°26	11°45	16°43	17°57	23° 6	3°30	1°38	22°58	14°13	14°19	1°30	n.a.	W 8
T 9	9 2 49	17°34'40	7♐32	10°15	12°58	17°21	17°49	23° 6	3°28	1°37	22°57	14°13	14°16	1°36	n.a.	T 9
F 10	9 6 46	18°34'33	21°58	12° 4	14°11	18° 0	17°41	23° 5	3°25	1°35	22°56	14°13	14°13	1°43	n.a.	F 10
S 11	9 10 42	19°34'24	6♑36	13°55	15°23	18°39	17°33	23° 5	3°23	1°33	22°56	14°13	14°10	1°50	n.a.	S 11
S 12	9 14 39	20°34'14	21°22	15°48	16°36	19°18	17°25	23° 4	3°20	1°32	22°55	14°14	14° 7	1°56	n.a.	S 12
M13	9 18 36	21°34'02	6♒ 8	17°41	17°49	19°57	17°18	23° 3	3°18	1°30	22°55	14°14	14° 3	2° 3	n.a.	M13
T 14	9 22 32	22°33'47	20°49	19°35	19° 2	20°35	17°10	23° 2	3°15	1°29	22°54	14°R14	14° 0	2°10	n.a.	T 14
W15	9 26 29	23°33'31	5♓16	21°31	20°14	21°14	17° 2	23° 1	3°13	1°27	22°53	14°14	13°57	2°16	n.a.	W15
T 16	9 30 25	24°33'12	19°24	23°27	21°27	21°53	16°54	22°59	3°10	1°26	22°53	14°13	13°54	2°23	n.a.	T 16
F 17	9 34 22	25°32'51	3♈10	25°25	22°40	22°32	16°47	22°58	3° 8	1°24	22°52	14°12	13°51	2°30	n.a.	F 17
S 18	9 38 18	26°32'27	16°32	27°23	23°53	23°10	16°39	22°57	3° 5	1°23	22°52	14°10	13°47	2°36	n.a.	S 18
S 19	9 42 15	27°32'01	29°30	29°22	25° 6	23°49	16°31	22°55	3° 2	1°21	22°51	14° 8	13°44	2°43	n.a.	S 19
M20	9 46 11	28°31'33	12♉ 6	1♓22	26°18	24°28	16°24	22°54	3° 0	1°20	22°51	14° 7	13°41	2°50	n.a.	M20
T 21	9 50 8	29°31'03	24°24	3°23	27°31	25° 6	16°16	22°52	2°57	1°18	22°51	14°D 6	13°38	2°57	n.a.	T 21
W22	9 54 4	0♓30'30	6♊28	5°24	28°44	25°45	16° 9	22°50	2°55	1°17	22°50	14° 6	13°35	3° 3	n.a.	W22
T 23	9 58 1	1°29'55	18°23	7°25	29°57	26°24	16° 2	22°48	2°52	1°15	22°50	14° 7	13°32	3°10	n.a.	T 23
F 24	10 1 58	2°29'17	0♋13	9°26	1♒10	27° 3	15°54	22°46	2°49	1°14	22°50	14° 9	13°28	3°17	n.a.	F 24
S 25	10 5 54	3°28'37	12° 3	11°27	2°23	27°41	15°47	22°44	2°47	1°13	22°49	14°10	13°25	3°23	n.a.	S 25
S 26	10 9 51	4°27'55	23°57	13°28	3°36	28°20	15°40	22°42	2°44	1°11	22°49	14°12	13°22	3°30	n.a.	S 26
M27	10 13 47	5°27'10	5♌59	15°27	4°49	28°59	15°33	22°40	2°42	1°10	22°49	14°13	13°19	3°37	n.a.	M27
T 28	10 17 44	6°26'23	18°12	17°26	6° 2	29°37	15°26	22°37	2°39	1° 9	22°48	14°R13	13°16	3°43	n.a.	T 28
W29	10 21 40	7♓25'34	0♍38	19♓23	7♒14	0♉16	15♌19	22♎35	2♍36	1♌ 7	22♊48	14♌12	13♌12	3♋50	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18s 3	15n 3	0n42	23s 5	2s 0	23s 0	0n39	5n13	0n22	16n43	1n28	6s41	2n35	10n59	0n49	20n24	0n27	23n55	0n24	16n45	16n36	20n 7		n.a.
T 2	17 46	11 45	1 49	22 47	2 2	23 1	0 36	5 29	0 23	16 46	1 28	6 41	2 36	11 0	0 49	20 25	0 27	23 55	0 24	16 45	16 37	20 8		n.a.
F 3	17 30	7 54	2 51	22 27	2 3	23 2	0 33	5 45	0 24	16 48	1 28	6 41	2 36	11 1	0 49	20 25	0 27	23 55	0 24	16 45	16 38	20 8		n.a.
S 4	17 13	3 38	3 46	22 5	2 4	23 2	0 29	6 0	0 25	16 51	1 28	6 40	2 36	11 2	0 49	20 25	0 27	23 55	0 24	16 45	16 39	20 9		n.a.
S 5	16 56	0s53	4 31	21 42	2 5	23 1	0 26	6 16	0 25	16 54	1 28	6 40	2 36	11 3	0 49	20 26	0 27	23 55	0 24	16 45	16 40	20 10		n.a.
M 6	16 38	5 26	5 2	21 17	2 5	22 59	0 23	6 32	0 26	16 56	1 28	6 40	2 36	11 4	0 49	20 26	0 27	23 55	0 24	16 45	16 41	20 10		n.a.
T 7	16 20	9 48	5 17	20 50	2 5	22 57	0 19	6 48	0 27	16 59	1 28	6 39	2 37	11 4	0 49	20 27	0 27	23 55	0 24	16 45	16 42	20 11		n.a.
W 8	16 2	13 45	5 14	20 21	2 4	22 54	0 16	7 4	0 28	17 1	1 28	6 39	2 37	11 5	0 49	20 27	0 27	23 55	0 24	16 45	16 43	20 11		n.a.
T 9	15 44	17 0	4 52	19 50	2 3	22 51	0 13	7 19	0 28	17 4	1 28	6 39	2 37	11 6	0 49	20 27	0 27	23 55	0 24	16 45	16 44	20 12		n.a.
F 10	15 25	19 16	4 11	19 18	2 1	22 47	0 10	7 35	0 29	17 6	1 29	6 38	2 37	11 7	0 49	20 28	0 27	23 55	0 24	16 45	16 45	20 12		n.a.
S 11	15 6	20 18	3 14	18 44	1 59	22 42	0 6	7 50	0 30	17 9	1 29	6 38	2 38	11 8	0 49	20 28	0 27	23 55	0 24	16 44	16 46	20 13		n.a.
S 12	14 47	19 57	2 4	18 8	1 57	22 36	0 3	8 6	0 30	17 11	1 29	6 37	2 38	11 9	0 49	20 28	0 27	23 55	0 24	16 44	16 46	20 14		n.a.
M13	14 28	18 13	0 45	17 30	1 53	22 30	0 0	8 21	0 31	17 14	1 29	6 37	2 38	11 10	0 49	20 29	0 27	23 55	0 24	16 44	16 47	20 14		n.a.
T 14	14 9	15 17	0s36	16 50	1 50	22 23	0s 3	8 37	0 32	17 16	1 29	6 36	2 38	11 11	0 49	20 29	0 27	23 55	0 24	16 44	16 48	20 15		n.a.
W15	13 49	11 27	1 54	16 9	1 45	22 15	0 6	8 52	0 32	17 18	1 29	6 35	2 39	11 12	0 49	20 29	0 27	23 55	0 24	16 44	16 49	20 15		n.a.
T 16	13 29	7 2	3 3	15 26	1 40	22 7	0 9	9 7	0 33	17 21	1 29	6 35	2 39	11 13	0 49	20 30	0 27	23 55	0 25	16 45	16 50	20 16		n.a.
F 17	13 9	2 23	3 59	14 41	1 35	21 58	0 12	9 22	0 33	17 23	1 29	6 34	2 39	11 14	0 49	20 30	0 27	23 55	0 25	16 45	16 51	20 16		n.a.
S 18	12 48	2n15	4 41	13 54	1 29	21 49	0 15	9 38	0 34	17 26	1 29	6 33	2 39	11 15	0 49	20 30	0 27	23 55	0 25	16 45	16 52	20 17		n.a.
S 19	12 28	6 38	5 6	13 6	1 22	21 39	0 18	9 53	0 35	17 28	1 29	6 32	2 39	11 16	0 49	20 31	0 27	23 55	0 25	16 46	16 53	20 17		n.a.
M20	12 7	10 37	5 16	12 16	1 15	21 28	0 21	10 8	0 35	17 30	1 29	6 32	2 40	11 17	0 49	20 31	0 27	23 55	0 25	16 46	16 54	20 18		n.a.
T 21	11 46	14 2	5 12	11 25	1 7	21 16	0 24	10 23	0 36	17 33	1 29	6 31	2 40	11 18	0 49	20 31	0 27	23 55	0 25	16 46	16 55	20 18		n.a.
W22	11 25	16 49	4 53	10 33	0 59	21 4	0 27	10 37	0 36	17 35	1 29	6 30	2 40	11 18	0 49	20 32	0 27	23 55	0 25	16 46	16 56	20 19		n.a.
T 23	11 3	18 50	4 22	9 39	0 50	20 52	0 30	10 52	0 37	17 37	1 29	6 29	2 40	11 19	0 49	20 32	0 27	23 55	0 25	16 46	16 57	20 19		n.a.
F 24	10 42	20 2	3 40	8 44	0 41	20 38	0 32	11 7	0 38	17 39	1 29	6 28	2 41	11 20	0 49	20 32	0 27	23 55	0 25	16 46	16 58	20 20		n.a.
S 25	10 20	20 21	2 49	7 49	0 31	20 25	0 35	11 21	0 38	17 41	1 29	6 27	2 41	11 21	0 49	20 33	0 27	23 55	0 25	16 45	16 58	20 20		n.a.
S 26	9 59	19 45	1 50	6 53	0 20	20 10	0 38	11 36	0 39	17 44	1 29	6 26	2 41	11 22	0 49	20 33	0 27	23 55	0 25	16 45	16 59	20 21		n.a.
M27	9 37	18 15	0 45	5 56	0 9	19 55	0 40	11 50	0 39	17 46	1 29	6 25	2 41	11 23	0 49	20 33	0 27	23 55	0 25	16 45	17 0	20 22		n.a.
T 28	9 15	15 53	0n22	4 59	0n 2	19 40	0 43	12 5	0 40	17 48	1 29	6 24	2 41	11 24	0 49	20 34	0 27	23 55	0 25	16 45	17 1	20 22		n.a.
W29	8s53	12n45	1n29	4s 2	0n14	19s23	0s45	12n19	0n40	17n50	1n29	6s23	2n41	11n25	0n49	20n34	0n27	23n55	0n25	16n45	17n 2	20n22		n.a.

Julian Day Number = 1703556.5, Delta T = 03h04m20s
Ecliptic obliquity = 23°41'57, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°44'19, Lahiri = - 4°37'19 Julian Calendar 1 Feb. 49 BCE == Greg. Calendar 30 Jan. 049 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 49 BCE
geocentric

MARCH 49 BCE (-48) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 25 37	8♓24'43	13♍19	21♓18	8♒27	0♉54	15°R13	22°R32	2°R34	1°R 6	22°R48	14°R10	13♌ 9	3♋57	n.a.	T 1
F 2	10 29 33	9°23'49	26°14	23°10	9°40	1°33	15♌ 6	22♎30	2♍31	1♌ 5	22♊48	14♌ 7	13° 6	4° 3	n.a.	F 2
S 3	10 33 30	10°22'54	9♎24	25° 0	10°53	2°12	14°59	22°27	2°29	1° 4	22°48	14° 3	13° 3	4°10	n.a.	S 3
S 4	10 37 27	11°21'56	22°47	26°47	12° 6	2°50	14°53	22°25	2°26	1° 2	22°48	13°58	13° 0	4°17	n.a.	S 4
M 5	10 41 23	12°20'56	6♏23	28°30	13°19	3°29	14°47	22°22	2°24	1° 1	22°47	13°55	12°57	4°23	n.a.	M 5
T 6	10 45 20	13°19'55	20°11	0♈10	14°32	4° 7	14°41	22°19	2°21	1° 0	22°47	13°52	12°53	4°30	n.a.	T 6
W 7	10 49 16	14°18'52	4♐ 7	1°45	15°45	4°46	14°35	22°16	2°19	0°59	22°47	13°50	12°50	4°37	n.a.	W 7
T 8	10 53 13	15°17'47	18°13	3°16	16°58	5°24	14°29	22°13	2°16	0°58	22°D47	13°D49	12°47	4°43	n.a.	T 8
F 9	10 57 9	16°16'40	2♑25	4°42	18°11	6° 3	14°23	22°10	2°14	0°57	22°47	13°50	12°44	4°50	n.a.	F 9
S 10	11 1 6	17°15'32	16°42	6° 3	19°24	6°41	14°17	22° 6	2°11	0°56	22°47	13°52	12°41	4°57	n.a.	S 10
S 11	11 5 2	18°14'21	1♒ 1	7°18	20°37	7°20	14°12	22° 3	2° 9	0°55	22°47	13°53	12°38	5° 3	n.a.	S 11
M12	11 8 59	19°13'09	15°20	8°28	21°50	7°58	14° 7	22° 0	2° 6	0°54	22°47	13°R53	12°34	5°10	n.a.	M12
T 13	11 12 55	20°11'55	29°35	9°33	23° 3	8°37	14° 1	21°56	2° 4	0°53	22°48	13°52	12°31	5°17	n.a.	T 13
W14	11 16 52	21°10'39	13♓40	10°32	24°17	9°15	13°56	21°53	2° 1	0°52	22°48	13°50	12°28	5°23	n.a.	W14
T 15	11 20 49	22° 9'20	27°33	11°24	25°30	9°54	13°51	21°49	1°59	0°51	22°48	13°45	12°25	5°30	n.a.	T 15
F 16	11 24 45	23° 8'00	11♈ 9	12°11	26°43	10°32	13°47	21°46	1°57	0°50	22°48	13°39	12°22	5°37	n.a.	F 16
S 17	11 28 42	24° 6'37	24°26	12°51	27°56	11°11	13°42	21°42	1°54	0°49	22°48	13°32	12°18	5°43	n.a.	S 17
S 18	11 32 38	25° 5'13	7♉23	13°26	29° 9	11°49	13°38	21°38	1°52	0°48	22°48	13°25	12°15	5°50	n.a.	S 18
M19	11 36 35	26° 3'46	19°59	13°54	0♓22	12°27	13°33	21°35	1°50	0°47	22°49	13°19	12°12	5°57	n.a.	M19
T 20	11 40 31	27° 2'17	2♊19	14°16	1°35	13° 6	13°29	21°31	1°47	0°47	22°49	13°14	12° 9	6° 3	n.a.	T 20
W21	11 44 28	28° 0'46	14°24	14°32	2°48	13°44	13°25	21°27	1°45	0°46	22°49	13°12	12° 6	6°10	n.a.	W21
T 22	11 48 24	28°59'12	26°19	14°41	4° 1	14°23	13°22	21°23	1°43	0°45	22°50	13°D10	12° 3	6°17	n.a.	T 22
F 23	11 52 21	29°57'37	8♋ 9	14°R45	5°14	15° 1	13°18	21°19	1°41	0°44	22°50	13°11	11°59	6°23	n.a.	F 23
S 24	11 56 18	0♈55'59	20° 0	14°43	6°27	15°39	13°15	21°15	1°38	0°44	22°50	13°12	11°56	6°30	n.a.	S 24
S 25	12 0 14	1°54'19	1♌55	14°35	7°40	16°18	13°11	21°11	1°36	0°43	22°51	13°13	11°53	6°37	n.a.	S 25
M26	12 4 11	2°52'37	14° 1	14°22	8°54	16°56	13° 8	21° 7	1°34	0°43	22°51	13°R14	11°50	6°43	n.a.	M26
T 27	12 8 7	3°50'52	26°21	14° 4	10° 7	17°34	13° 6	21° 3	1°32	0°42	22°51	13°13	11°47	6°50	n.a.	T 27
W28	12 12 4	4°49'06	8♍59	13°41	11°20	18°13	13° 3	20°59	1°30	0°41	22°52	13°10	11°44	6°57	n.a.	W28
T 29	12 16 0	5°47'17	21°56	13°15	12°33	18°51	13° 0	20°54	1°28	0°41	22°52	13° 5	11°40	7° 3	n.a.	T 29
F 30	12 19 57	6°45'27	5♎12	12°44	13°46	19°29	12°58	20°50	1°26	0°40	22°53	12°57	11°37	7°10	n.a.	F 30
S 31	12 23 53	7♈43'35	18♎47	12♈11	14♓59	20♉ 7	12♌56	20♎46	1♍24	0♌40	22♊53	12♌49	11♌34	7♋17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	8s30	8n59	2n33	3s 6	0n26	19s 7	0s48	12n33	0n41	17n52	1n29	6s22	2n42	11n26	0n49	20n34	0n27	23n55	0n25	16n45	17n 3	20n23			n.a.
F 2	8 8	4 44	3 31	2 10	0 38	18 49	0 50	12 47	0 41	17 54	1 29	6 21	2 42	11 27	0 49	20 34	0 27	23 55	0 25	16 46	17 4	20 23			n.a.
S 3	7 45	0 11	4 18	1 15	0 50	18 32	0 52	13 1	0 42	17 55	1 29	6 20	2 42	11 28	0 49	20 35	0 27	23 55	0 25	16 48	17 5	20 24			n.a.
S 4	7 23	4s26	4 52	0 21	1 2	18 13	0 55	13 15	0 42	17 57	1 29	6 18	2 42	11 29	0 49	20 35	0 27	23 55	0 25	16 49	17 6	20 24			n.a.
M 5	7 0	8 55	5 11	0n32	1 14	17 55	0 57	13 29	0 43	17 59	1 28	6 17	2 42	11 30	0 49	20 35	0 27	23 56	0 26	16 50	17 7	20 25			n.a.
T 6	6 37	12 59	5 11	1 23	1 26	17 35	0 59	13 43	0 43	18 1	1 28	6 16	2 43	11 31	0 49	20 36	0 27	23 56	0 26	16 51	17 8	20 25			n.a.
W 7	6 14	16 23	4 54	2 12	1 38	17 15	1 1	13 56	0 44	18 3	1 28	6 15	2 43	11 32	0 49	20 36	0 27	23 56	0 26	16 51	17 8	20 26			n.a.
T 8	5 51	18 52	4 19	2 59	1 49	16 55	1 3	14 10	0 44	18 4	1 28	6 13	2 43	11 32	0 49	20 36	0 27	23 56	0 26	16 51	17 9	20 26			n.a.
F 9	5 28	20 13	3 28	3 43	2 0	16 34	1 5	14 23	0 45	18 6	1 28	6 12	2 43	11 33	0 49	20 36	0 27	23 56	0 26	16 51	17 10	20 27			n.a.
S 10	5 5	20 16	2 23	4 25	2 11	16 13	1 7	14 36	0 45	18 7	1 28	6 11	2 43	11 34	0 49	20 37	0 27	23 56	0 26	16 51	17 11	20 27			n.a.
S 11	4 42	19 1	1 10	5 5	2 21	15 52	1 9	14 50	0 46	18 9	1 28	6 9	2 43	11 35	0 49	20 37	0 27	23 56	0 26	16 50	17 12	20 28			n.a.
M12	4 19	16 32	0s 8	5 41	2 30	15 30	1 11	15 3	0 46	18 10	1 28	6 8	2 44	11 36	0 49	20 37	0 27	23 56	0 26	16 50	17 13	20 28			n.a.
T 13	3 55	13 4	1 25	6 15	2 38	15 7	1 12	15 16	0 47	18 12	1 28	6 7	2 44	11 37	0 49	20 37	0 27	23 56	0 26	16 51	17 14	20 29			n.a.
W14	3 32	8 52	2 35	6 45	2 46	14 44	1 14	15 29	0 47	18 13	1 28	6 5	2 44	11 38	0 49	20 37	0 27	23 56	0 26	16 51	17 15	20 29			n.a.
T 15	3 9	4 16	3 35	7 12	2 53	14 21	1 16	15 42	0 48	18 15	1 28	6 4	2 44	11 39	0 49	20 38	0 27	23 56	0 26	16 53	17 16	20 29			n.a.
F 16	2 45	0n27	4 22	7 36	2 59	13 57	1 17	15 54	0 48	18 16	1 27	6 2	2 44	11 39	0 49	20 38	0 27	23 56	0 26	16 54	17 17	20 30			n.a.
S 17	2 22	5 2	4 53	7 57	3 4	13 33	1 19	16 7	0 49	18 17	1 27	6 1	2 44	11 40	0 49	20 38	0 27	23 56	0 26	16 56	17 18	20 30			n.a.
S 18	1 58	9 16	5 8	8 14	3 7	13 9	1 20	16 19	0 49	18 18	1 27	5 59	2 44	11 41	0 49	20 38	0 27	23 56	0 26	16 58	17 18	20 31			n.a.
M19	1 35	13 0	5 8	8 27	3 10	12 44	1 21	16 32	0 49	18 19	1 27	5 58	2 44	11 42	0 49	20 38	0 27	23 56	0 26	17 0	17 19	20 31			n.a.
T 20	1 11	16 4	4 53	8 37	3 11	12 19	1 23	16 44	0 50	18 20	1 27	5 56	2 45	11 43	0 49	20 39	0 27	23 56	0 26	17 2	17 20	20 32			n.a.
W21	0 48	18 23	4 25	8 43	3 12	11 53	1 24	16 56	0 50	18 21	1 27	5 55	2 45	11 44	0 49	20 39	0 27	23 57	0 26	17 2	17 21	20 32			n.a.
T 22	0 24	19 53	3 46	8 46	3 10	11 27	1 25	17 8	0 51	18 22	1 27	5 53	2 45	11 44	0 49	20 39	0 27	23 57	0 26	17 3	17 22	20 32			n.a.
F 23	0 1	20 29	2 58	8 45	3 8	11 1	1 26	17 20	0 51	18 23	1 26	5 52	2 45	11 45	0 49	20 39	0 27	23 57	0 27	17 3	17 23	20 33			n.a.
S 24	0n22	20 11	2 2	8 41	3 4	10 35	1 27	17 31	0 51	18 24	1 26	5 50	2 45	11 46	0 49	20 39	0 27	23 57	0 27	17 2	17 24	20 33			n.a.
S 25	0 46	18 58	1 1	8 33	2 59	10 8	1 28	17 43	0 52	18 25	1 26	5 48	2 45	11 47	0 49	20 39	0 27	23 57	0 27	17 2	17 25	20 34			n.a.
M26	1 9	16 52	0n 4	8 22	2 52	9 41	1 29	17 55	0 52	18 26	1 26	5 47	2 45	11 47	0 49	20 39	0 27	23 57	0 27	17 2	17 26	20 34			n.a.
T 27	1 33	13 58	1 10	8 8	2 44	9 14	1 29	18 6	0 53	18 26	1 26	5 45	2 45	11 48	0 49	20 40	0 27	23 57	0 27	17 2	17 27	20 34			n.a.
W28	1 56	10 21	2 14	7 50	2 35	8 47	1 30	18 17	0 53	18 27	1 26	5 43	2 45	11 49	0 49	20 40	0 27	23 57	0 27	17 3	17 27	20 35			n.a.
T 29	2 19	6 11	3 13	7 30	2 25	8 19	1 31	18 28	0 53	18 28	1 26	5 42	2 45	11 49	0 49	20 40	0 27	23 57	0 27	17 4	17 28	20 35			n.a.
F 30	2 43	1 36	4 2	7 7	2 13	7 51	1 31	18 39	0 54	18 28	1 25	5 40	2 45	11 50	0 49	20 40	0 27	23 57	0 27	17 6	17 29	20 35			n.a.
S 31	3n 6	3s 8	4n39	6n42	2n 0	7s23	1s32	18n50	0n54	18n29	1n25	5s38	2n45	11n51	0n49	20n40	0n27	23n57	0n27	17n 9	17n30	20n36			n.a.

Julian Day Number = 1703585.5, Delta T = 03h04m19s
Ecliptic obliquity = 23°41'58, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°44'15, Lahiri = - 4°37'15 Julian Calendar 1 March 49 BCE == Greg. Calendar 28 Feb. 049 BCE

The year -48 astronomical counting style corresponds to year 049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 49 BCE
geocentric

APRIL 49 BCE (-48) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 27 50	8♈41'41	2♏37	11°R35	16♓12	20♉46	12°R54	20°R42	1°R22	0°R40	22♊54	12°R40	11♌31	7♋23	n.a.	S 1
M 2	12 31 46	9°39'45	16°39	10♈58	17°25	21°24	12♌52	20♎37	1♍20	0♌39	22°55	12♌31	11°28	7°30	n.a.	M 2
T 3	12 35 43	10°37'48	0♐48	10°20	18°38	22° 2	12°50	20°33	1°19	0°39	22°55	12°24	11°24	7°37	n.a.	T 3
W 4	12 39 40	11°35'49	15° 1	9°41	19°52	22°40	12°49	20°29	1°17	0°38	22°56	12°19	11°21	7°43	n.a.	W 4
T 5	12 43 36	12°33'49	29°13	9° 3	21° 5	23°19	12°48	20°24	1°15	0°38	22°57	12°16	11°18	7°50	n.a.	T 5
F 6	12 47 33	13°31'48	13♑24	8°26	22°18	23°57	12°47	20°20	1°13	0°38	22°57	12°D15	11°15	7°57	n.a.	F 6
S 7	12 51 29	14°29'45	27°30	7°50	23°31	24°35	12°46	20°15	1°12	0°38	22°58	12°16	11°12	8° 3	n.a.	S 7
S 8	12 55 26	15°27'41	11♒31	7°17	24°44	25°13	12°45	20°11	1°10	0°37	22°59	12°R16	11° 9	8°10	n.a.	S 8
M 9	12 59 22	16°25'35	25°27	6°46	25°57	25°51	12°44	20° 7	1° 8	0°37	22°59	12°15	11° 5	8°17	n.a.	M 9
T 10	13 3 19	17°23'28	9♓15	6°19	27°11	26°30	12°44	20° 2	1° 7	0°37	23° 0	12°13	11° 2	8°23	n.a.	T 10
W11	13 7 15	18°21'19	22°55	5°56	28°24	27° 8	12°D44	19°58	1° 5	0°37	23° 1	12° 7	10°59	8°30	n.a.	W11
T 12	13 11 12	19°19'09	6♈25	5°36	29°37	27°46	12°44	19°53	1° 4	0°37	23° 2	11°59	10°56	8°37	n.a.	T 12
F 13	13 15 9	20°16'58	19°42	5°20	0♈50	28°24	12°44	19°49	1° 2	0°37	23° 3	11°49	10°53	8°43	n.a.	F 13
S 14	13 19 5	21°14'45	2♉44	5° 9	2° 3	29° 2	12°45	19°44	1° 1	0°D37	23° 3	11°37	10°49	8°50	n.a.	S 14
S 15	13 23 2	22°12'31	15°30	5° 2	3°16	29°40	12°45	19°40	1° 0	0°37	23° 4	11°25	10°46	8°57	n.a.	S 15
M16	13 26 58	23°10'14	28° 0	5°D 0	4°30	0♊18	12°46	19°35	0°58	0°37	23° 5	11°14	10°43	9° 3	n.a.	M16
T 17	13 30 55	24° 7'57	10♊16	5° 3	5°43	0°56	12°47	19°31	0°57	0°37	23° 6	11° 5	10°40	9°10	n.a.	T 17
W18	13 34 51	25° 5'38	22°19	5°10	6°56	1°35	12°48	19°26	0°56	0°37	23° 7	10°59	10°37	9°17	n.a.	W18
T 19	13 38 48	26° 3'17	4♋13	5°21	8° 9	2°13	12°49	19°22	0°55	0°37	23° 8	10°54	10°34	9°23	n.a.	T 19
F 20	13 42 44	27° 0'54	16° 2	5°37	9°23	2°51	12°51	19°17	0°54	0°38	23° 9	10°52	10°30	9°30	n.a.	F 20
S 21	13 46 41	27°58'30	27°52	5°58	10°36	3°29	12°52	19°13	0°53	0°38	23°10	10°D52	10°27	9°37	n.a.	S 21
S 22	13 50 38	28°56'05	9♌47	6°23	11°49	4° 7	12°54	19° 9	0°52	0°38	23°11	10°R52	10°24	9°43	n.a.	S 22
M23	13 54 34	29°53'37	21°54	6°52	13° 2	4°45	12°56	19° 4	0°51	0°38	23°12	10°52	10°21	9°50	n.a.	M23
T 24	13 58 31	0♉51'08	4♍17	7°25	14°15	5°23	12°58	19° 0	0°50	0°39	23°13	10°50	10°18	9°57	n.a.	T 24
W25	14 2 27	1°48'38	17° 1	8° 2	15°29	6° 1	13° 1	18°56	0°49	0°39	23°14	10°46	10°15	10° 3	n.a.	W25
T 26	14 6 24	2°46'06	0♎ 8	8°43	16°42	6°39	13° 3	18°51	0°48	0°39	23°15	10°39	10°11	10°10	n.a.	T 26
F 27	14 10 20	3°43'33	13°40	9°28	17°55	7°17	13° 6	18°47	0°48	0°40	23°16	10°30	10° 8	10°17	n.a.	F 27
S 28	14 14 17	4°40'59	27°34	10°16	19° 8	7°55	13° 9	18°43	0°47	0°40	23°17	10°19	10° 5	10°23	n.a.	S 28
S 29	14 18 13	5°38'23	11♏49	11° 8	20°22	8°33	13°12	18°39	0°46	0°41	23°18	10° 7	10° 2	10°30	n.a.	S 29
M30	14 22 10	6♉35'47	26♏17	12♈ 4	21♈35	9♊11	13♌15	18♎35	0♍46	0♌41	23♊20	9♌56	9♌59	10♋37	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n29	7s49	5n 1	6n15	1n46	6s55	1s32	19n 1	0n54	18n29	1n25	5s37	2n45	11n52	0n49	20n40	0n27	23n57	0n27	17n12	17n31	20n36		n.a.
M 2	3 52	12 8	5 4	5 47	1 31	6 26	1 33	19 11	0 55	18 29	1 25	5 35	2 46	11 52	0 49	20 40	0 27	23 57	0 27	17 14	17 32	20 37		n.a.
T 3	4 15	15 49	4 50	5 17	1 15	5 58	1 33	19 22	0 55	18 30	1 25	5 33	2 46	11 53	0 48	20 40	0 27	23 58	0 27	17 16	17 33	20 37		n.a.
W 4	4 38	18 35	4 17	4 47	0 59	5 29	1 33	19 32	0 55	18 30	1 25	5 32	2 46	11 53	0 48	20 40	0 27	23 58	0 27	17 17	17 34	20 37		n.a.
T 5	5 1	20 13	3 29	4 16	0 42	5 0	1 33	19 42	0 56	18 30	1 24	5 30	2 46	11 54	0 48	20 40	0 27	23 58	0 27	17 18	17 35	20 38		n.a.
F 6	5 24	20 34	2 28	3 46	0 25	4 31	1 33	19 52	0 56	18 30	1 24	5 28	2 46	11 55	0 48	20 40	0 27	23 58	0 27	17 18	17 35	20 38		n.a.
S 7	5 46	19 37	1 18	3 16	0 8	4 1	1 33	20 2	0 56	18 30	1 24	5 27	2 46	11 55	0 48	20 40	0 27	23 58	0 27	17 18	17 36	20 38		n.a.
S 8	6 9	17 27	0 4	2 47	0s 8	3 32	1 33	20 12	0 57	18 30	1 24	5 25	2 46	11 56	0 48	20 41	0 27	23 58	0 27	17 18	17 37	20 39		n.a.
M 9	6 32	14 16	1s10	2 20	0 25	3 3	1 33	20 21	0 57	18 30	1 24	5 23	2 46	11 56	0 48	20 41	0 27	23 58	0 27	17 18	17 38	20 39		n.a.
T 10	6 54	10 19	2 19	1 54	0 42	2 33	1 33	20 31	0 57	18 30	1 23	5 22	2 46	11 57	0 48	20 41	0 27	23 58	0 27	17 19	17 39	20 39		n.a.
W11	7 16	5 52	3 19	1 30	0 57	2 3	1 33	20 40	0 58	18 30	1 23	5 20	2 46	11 57	0 48	20 41	0 27	23 58	0 28	17 21	17 40	20 40		n.a.
T 12	7 38	1 12	4 7	1 8	1 13	1 34	1 32	20 49	0 58	18 30	1 23	5 18	2 46	11 58	0 48	20 41	0 27	23 58	0 28	17 23	17 41	20 40		n.a.
F 13	8 1	3n28	4 40	0 49	1 27	1 4	1 32	20 58	0 58	18 30	1 23	5 17	2 46	11 58	0 48	20 41	0 27	23 58	0 28	17 26	17 42	20 40		n.a.
S 14	8 22	7 53	4 59	0 32	1 41	0 34	1 31	21 7	0 59	18 29	1 23	5 15	2 46	11 59	0 48	20 41	0 27	23 59	0 28	17 29	17 42	20 41		n.a.
S 15	8 44	11 51	5 1	0 17	1 54	0 4	1 31	21 15	0 59	18 29	1 23	5 13	2 46	11 59	0 48	20 41	0 27	23 59	0 28	17 32	17 43	20 41		n.a.
M16	9 6	15 14	4 49	0 5	2 6	0n26	1 30	21 24	0 59	18 29	1 22	5 12	2 46	12 0	0 48	20 41	0 27	23 59	0 28	17 36	17 44	20 41		n.a.
T 17	9 27	17 52	4 24	0s 4	2 17	0 56	1 29	21 32	0 59	18 28	1 22	5 10	2 45	12 0	0 48	20 41	0 27	23 59	0 28	17 38	17 45	20 41		n.a.
W18	9 49	19 41	3 48	0 11	2 28	1 26	1 29	21 40	1 0	18 28	1 22	5 8	2 45	12 0	0 48	20 41	0 27	23 59	0 28	17 40	17 46	20 42		n.a.
T 19	10 10	20 36	3 2	0 15	2 37	1 55	1 28	21 48	1 0	18 27	1 22	5 7	2 45	12 1	0 48	20 40	0 27	23 59	0 28	17 41	17 47	20 42		n.a.
F 20	10 31	20 37	2 8	0 16	2 45	2 25	1 27	21 56	1 0	18 27	1 22	5 5	2 45	12 1	0 48	20 40	0 27	23 59	0 28	17 42	17 48	20 42		n.a.
S 21	10 52	19 42	1 9	0 15	2 53	2 55	1 26	22 4	1 0	18 26	1 21	5 3	2 45	12 1	0 48	20 40	0 27	23 59	0 28	17 42	17 49	20 43		n.a.
S 22	11 13	17 54	0 6	0 11	2 59	3 25	1 25	22 12	1 1	18 25	1 21	5 2	2 45	12 2	0 48	20 40	0 27	23 59	0 28	17 42	17 49	20 43		n.a.
M23	11 33	15 17	0n58	0 4	3 5	3 55	1 24	22 19	1 1	18 24	1 21	5 0	2 45	12 2	0 48	20 40	0 27	23 59	0 28	17 42	17 50	20 43		n.a.
T 24	11 54	11 55	2 1	0n 5	3 10	4 24	1 23	22 26	1 1	18 24	1 21	4 59	2 45	12 2	0 48	20 40	0 27	24 0	0 28	17 42	17 51	20 43		n.a.
W25	12 14	7 55	2 59	0 16	3 13	4 54	1 22	22 33	1 1	18 23	1 21	4 57	2 45	12 3	0 48	20 40	0 27	24 0	0 28	17 44	17 52	20 44		n.a.
T 26	12 34	3 27	3 50	0 29	3 16	5 24	1 21	22 40	1 2	18 22	1 21	4 56	2 45	12 3	0 48	20 40	0 27	24 0	0 28	17 45	17 53	20 44		n.a.
F 27	12 54	1s19	4 29	0 45	3 18	5 53	1 19	22 47	1 2	18 21	1 20	4 54	2 45	12 3	0 48	20 40	0 27	24 0	0 28	17 48	17 54	20 44		n.a.
S 28	13 13	6 10	4 53	1 3	3 20	6 22	1 18	22 53	1 2	18 20	1 20	4 52	2 45	12 3	0 48	20 40	0 27	24 0	0 28	17 51	17 55	20 44		n.a.
S 29	13 33	10 47	5 1	1 23	3 20	6 51	1 17	23 0	1 2	18 19	1 20	4 51	2 45	12 4	0 48	20 40	0 27	24 0	0 28	17 54	17 55	20 45		n.a.
M30	13n52	14s51	4n49	1n45	3s20	7n20	1s15	23n 6	1n 3	18n18	1n20	4s50	2n44	12n 4	0n48	20n40	0n27	24n 0	0n29	17n57	17n56	20n45		n.a.

Julian Day Number = 1703616.5, Delta T = 03h04m18s
Ecliptic obliquity = 23°41'58, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°44'11, Lahiri = - 4°37'11 Julian Calendar 1 Apr. 49 BCE == Greg. Calendar 30 March 049 BCE

The year -48 astronomical counting style corresponds to year 049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 49 BCE
geocentric

MAY 49 BCE (-48) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 26 7	7♉33'10	10♐52	13♈ 3	22♈48	9♊49	13♌19	18°R31	0°R45	0♌42	23♊21	9°R47	9♌55	10♋43	n.a.	T 1
W 2	14 30 3	8°30'31	25°27	14° 5	24° 1	10°27	13°22	18♎26	0♍45	0°42	23°22	9♌40	9°52	10°50	n.a.	W 2
T 3	14 34 0	9°27'52	9♑57	15°10	25°15	11° 5	13°26	18°22	0°44	0°43	23°23	9°36	9°49	10°57	n.a.	T 3
F 4	14 37 56	10°25'13	24°16	16°19	26°28	11°43	13°30	18°18	0°44	0°44	23°24	9°34	9°46	11° 3	n.a.	F 4
S 5	14 41 53	11°22'32	8♒24	17°30	27°41	12°21	13°34	18°15	0°43	0°44	23°26	9°34	9°43	11°10	n.a.	S 5
S 6	14 45 49	12°19'52	22°19	18°45	28°54	12°59	13°38	18°11	0°43	0°45	23°27	9°34	9°40	11°17	n.a.	S 6
M 7	14 49 46	13°17'10	6♓ 1	20° 2	0♉ 8	13°37	13°42	18° 7	0°43	0°46	23°28	9°33	9°36	11°23	n.a.	M 7
T 8	14 53 42	14°14'28	19°31	21°23	1°21	14°15	13°47	18° 3	0°43	0°47	23°29	9°30	9°33	11°30	n.a.	T 8
W 9	14 57 39	15°11'45	2♈50	22°46	2°34	14°53	13°51	17°59	0°43	0°47	23°31	9°23	9°30	11°37	n.a.	W 9
T 10	15 1 36	16° 9'01	15°57	24°12	3°48	15°31	13°56	17°56	0°42	0°48	23°32	9°15	9°27	11°43	n.a.	T 10
F 11	15 5 32	17° 6'17	28°52	25°41	5° 1	16° 8	14° 1	17°52	0°D42	0°49	23°33	9° 3	9°24	11°50	n.a.	F 11
S 12	15 9 29	18° 3'33	11♉35	27°13	6°14	16°46	14° 6	17°48	0°42	0°50	23°35	8°51	9°20	11°57	n.a.	S 12
S 13	15 13 25	19° 0'48	24° 6	28°48	7°28	17°24	14°12	17°45	0°43	0°51	23°36	8°38	9°17	12° 3	n.a.	S 13
M14	15 17 22	19°58'02	6♊25	0♉25	8°41	18° 2	14°17	17°41	0°43	0°52	23°37	8°26	9°14	12°10	n.a.	M14
T 15	15 21 18	20°55'15	18°32	2° 5	9°55	18°40	14°23	17°38	0°43	0°53	23°39	8°15	9°11	12°17	n.a.	T 15
W16	15 25 15	21°52'28	0♋30	3°48	11° 8	19°18	14°28	17°35	0°43	0°54	23°40	8° 8	9° 8	12°23	n.a.	W16
T 17	15 29 11	22°49'40	12°21	5°33	12°21	19°56	14°34	17°32	0°43	0°55	23°41	8° 2	9° 5	12°30	n.a.	T 17
F 18	15 33 8	23°46'51	24° 8	7°21	13°35	20°34	14°40	17°28	0°44	0°56	23°43	8° 0	9° 1	12°37	n.a.	F 18
S 19	15 37 5	24°44'02	5♌57	9°12	14°48	21°12	14°46	17°25	0°44	0°57	23°44	7°D59	8°58	12°43	n.a.	S 19
S 20	15 41 1	25°41'11	17°51	11° 5	16° 2	21°50	14°53	17°22	0°45	0°58	23°46	7°59	8°55	12°50	n.a.	S 20
M21	15 44 58	26°38'21	29°57	13° 1	17°15	22°28	14°59	17°19	0°45	0°59	23°47	7°R59	8°52	12°57	n.a.	M21
T 22	15 48 54	27°35'29	12♍19	14°59	18°29	23° 6	15° 6	17°16	0°46	1° 1	23°49	7°58	8°49	13° 3	n.a.	T 22
W23	15 52 51	28°32'37	25° 3	17° 0	19°42	23°43	15°12	17°14	0°46	1° 2	23°50	7°55	8°46	13°10	n.a.	W23
T 24	15 56 47	29°29'44	8♎13	19° 2	20°56	24°21	15°19	17°11	0°47	1° 3	23°52	7°50	8°42	13°17	n.a.	T 24
F 25	16 0 44	0♊26'50	21°50	21° 6	22° 9	24°59	15°26	17° 8	0°48	1° 4	23°53	7°43	8°39	13°23	n.a.	F 25
S 26	16 4 40	1°23'57	5♏54	23°12	23°22	25°37	15°33	17° 6	0°48	1° 6	23°54	7°34	8°36	13°30	n.a.	S 26
S 27	16 8 37	2°21'02	20°23	25°19	24°36	26°15	15°40	17° 3	0°49	1° 7	23°56	7°24	8°33	13°37	n.a.	S 27
M28	16 12 34	3°18'08	5♐10	27°28	25°49	26°53	15°48	17° 1	0°50	1° 8	23°57	7°15	8°30	13°43	n.a.	M28
T 29	16 16 30	4°15'14	20° 7	29°38	27° 3	27°31	15°55	16°58	0°51	1°10	23°59	7° 7	8°26	13°50	n.a.	T 29
W30	16 20 27	5°12'19	5♑ 4	1♊48	28°17	28° 9	16° 3	16°56	0°52	1°11	24° 1	7° 1	8°23	13°57	n.a.	W30
T 31	16 24 23	6♊ 9'25	19♑55	3♊58	29♉30	28♊46	16♌11	16♎54	0♍53	1♌12	24♊ 2	6♌58	8♌20	14♋ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n11	18s 3	4n18	2n10	3s19	7n49	1s14	23n12	1n 3	18n17	1n20	4s48	2n44	12n 4	0n47	20n39	0n27	24n 0	0n29	17n59	17n57	20n45		n.a.
W 2	14 30	20 7	3 31	2 35	3 17	8 18	1 12	23 18	1 3	18 15	1 19	4 47	2 44	12 4	0 47	20 39	0 27	24 0	0 29	18 1	17 58	20 45		n.a.
T 3	14 48	20 50	2 30	3 3	3 14	8 46	1 11	23 24	1 3	18 14	1 19	4 45	2 44	12 4	0 47	20 39	0 27	24 1	0 29	18 2	17 59	20 46		n.a.
F 4	15 6	20 11	1 20	3 33	3 11	9 15	1 9	23 29	1 4	18 13	1 19	4 44	2 44	12 4	0 47	20 39	0 27	24 1	0 29	18 3	18 0	20 46		n.a.
S 5	15 24	18 16	0 6	4 4	3 7	9 43	1 7	23 34	1 4	18 11	1 19	4 42	2 44	12 4	0 47	20 39	0 27	24 1	0 29	18 3	18 1	20 46		n.a.
S 6	15 42	15 17	1s 7	4 36	3 3	10 11	1 6	23 40	1 4	18 10	1 19	4 41	2 44	12 4	0 47	20 39	0 27	24 1	0 29	18 3	18 1	20 46		n.a.
M 7	16 0	11 29	2 15	5 11	2 58	10 39	1 4	23 45	1 4	18 9	1 18	4 40	2 44	12 4	0 47	20 39	0 27	24 1	0 29	18 3	18 2	20 47		n.a.
T 8	16 17	7 10	3 14	5 46	2 52	11 6	1 2	23 49	1 4	18 7	1 18	4 38	2 43	12 4	0 47	20 38	0 27	24 1	0 29	18 4	18 3	20 47		n.a.
W 9	16 34	2 34	4 2	6 23	2 45	11 33	1 0	23 54	1 4	18 6	1 18	4 37	2 43	12 4	0 47	20 38	0 27	24 1	0 29	18 6	18 4	20 47		n.a.
T 10	16 51	2n 5	4 36	7 2	2 38	12 0	0 58	23 58	1 5	18 4	1 18	4 36	2 43	12 4	0 47	20 38	0 27	24 1	0 29	18 8	18 5	20 47		n.a.
F 11	17 7	6 35	4 56	7 41	2 31	12 27	0 56	24 3	1 5	18 2	1 18	4 35	2 43	12 4	0 47	20 38	0 27	24 2	0 29	18 11	18 6	20 47		n.a.
S 12	17 24	10 43	5 0	8 22	2 23	12 53	0 55	24 7	1 5	18 1	1 18	4 33	2 43	12 4	0 47	20 38	0 27	24 2	0 29	18 15	18 7	20 48		n.a.
S 13	17 40	14 19	4 50	9 4	2 15	13 19	0 53	24 11	1 5	17 59	1 17	4 32	2 43	12 4	0 47	20 37	0 27	24 2	0 29	18 18	18 7	20 48		n.a.
M14	17 55	17 15	4 26	9 47	2 6	13 45	0 50	24 14	1 5	17 57	1 17	4 31	2 42	12 4	0 47	20 37	0 27	24 2	0 29	18 21	18 8	20 48		n.a.
T 15	18 11	19 22	3 50	10 31	1 56	14 11	0 48	24 18	1 6	17 55	1 17	4 30	2 42	12 4	0 47	20 37	0 27	24 2	0 29	18 24	18 9	20 48		n.a.
W16	18 26	20 37	3 5	11 15	1 47	14 36	0 46	24 21	1 6	17 54	1 17	4 29	2 42	12 4	0 47	20 37	0 27	24 2	0 29	18 26	18 10	20 48		n.a.
T 17	18 41	20 56	2 12	12 0	1 37	15 1	0 44	24 24	1 6	17 52	1 17	4 28	2 42	12 4	0 47	20 37	0 27	24 2	0 30	18 27	18 11	20 48		n.a.
F 18	18 55	20 19	1 13	12 46	1 26	15 25	0 42	24 27	1 6	17 50	1 17	4 27	2 42	12 4	0 47	20 36	0 27	24 2	0 30	18 28	18 12	20 49		n.a.
S 19	19 9	18 49	0 11	13 32	1 15	15 49	0 40	24 30	1 6	17 48	1 16	4 26	2 41	12 4	0 47	20 36	0 27	24 3	0 30	18 28	18 13	20 49		n.a.
S 20	19 23	16 29	0n52	14 18	1 5	16 13	0 38	24 33	1 6	17 46	1 16	4 25	2 41	12 3	0 47	20 36	0 27	24 3	0 30	18 28	18 13	20 49		n.a.
M21	19 37	13 23	1 54	15 4	0 53	16 36	0 35	24 35	1 7	17 44	1 16	4 24	2 41	12 3	0 47	20 36	0 27	24 3	0 30	18 28	18 14	20 49		n.a.
T 22	19 50	9 39	2 52	15 50	0 42	16 59	0 33	24 38	1 7	17 41	1 16	4 23	2 41	12 3	0 47	20 35	0 27	24 3	0 30	18 28	18 15	20 49		n.a.
W23	20 3	5 24	3 43	16 36	0 31	17 21	0 31	24 40	1 7	17 39	1 16	4 22	2 41	12 3	0 47	20 35	0 27	24 3	0 30	18 29	18 16	20 49		n.a.
T 24	20 16	0 45	4 24	17 21	0 20	17 43	0 29	24 42	1 7	17 37	1 16	4 21	2 40	12 2	0 47	20 35	0 27	24 3	0 30	18 30	18 17	20 50		n.a.
F 25	20 28	4s 5	4 52	18 5	0 9	18 5	0 26	24 43	1 7	17 35	1 15	4 20	2 40	12 2	0 46	20 34	0 27	24 3	0 30	18 32	18 18	20 50		n.a.
S 26	20 40	8 52	5 3	18 49	0n 2	18 26	0 24	24 45	1 7	17 33	1 15	4 19	2 40	12 2	0 46	20 34	0 27	24 3	0 30	18 35	18 18	20 50		n.a.
S 27	20 51	13 17	4 56	19 31	0 13	18 46	0 22	24 46	1 7	17 30	1 15	4 19	2 40	12 1	0 46	20 34	0 27	24 4	0 30	18 37	18 19	20 50		n.a.
M28	21 3	16 59	4 29	20 11	0 24	19 7	0 19	24 47	1 7	17 28	1 15	4 18	2 40	12 1	0 46	20 34	0 27	24 4	0 30	18 40	18 20	20 50		n.a.
T 29	21 14	19 37	3 43	20 50	0 34	19 26	0 17	24 48	1 8	17 26	1 15	4 17	2 39	12 1	0 46	20 33	0 27	24 4	0 30	18 42	18 21	20 50		n.a.
W30	21 24	20 54	2 42	21 27	0 43	19 45	0 15	24 49	1 8	17 23	1 15	4 17	2 39	12 0	0 46	20 33	0 27	24 4	0 30	18 43	18 22	20 50		n.a.
T 31	21n34	20s43	1n30	22n 2	0n53	20n 4	0s12	24n49	1n 8	17n21	1n14	4s16	2n39	12n 0	0n46	20n33	0n27	24n 4	0n30	18n44	18n23	20n50		n.a.

Julian Day Number = 1703646.5, Delta T = 03h04m17s
Ecliptic obliquity = 23°41'57, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°44'07, Lahiri = - 4°37'07 Julian Calendar 1 May 49 BCE == Greg. Calendar 29 Apr. 049 BCE

The year -48 astronomical counting style corresponds to year 049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 49 BCE
geocentric

JUNE 49 BCE (-48) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 28 20	7♊ 6'30	4♒31	6♊ 9	0♊44	29♊24	16♌18	16°R52	0♍54	1♌14	24♊ 4	6°D57	8♌17	14♋10	n.a.	F 1
S 2	16 32 16	8° 3'36	18°50	8°20	1°57	0♋ 2	16°26	16♎50	0°55	1°15	24° 5	6♌57	8°14	14°17	n.a.	S 2
S 3	16 36 13	9° 0'43	2♓49	10°30	3°11	0°40	16°34	16°48	0°56	1°17	24° 7	6°R58	8°11	14°23	n.a.	S 3
M 4	16 40 9	9°57'49	16°29	12°39	4°24	1°18	16°43	16°46	0°58	1°18	24° 8	6°58	8° 7	14°30	n.a.	M 4
T 5	16 44 6	10°54'56	29°51	14°47	5°38	1°56	16°51	16°45	0°59	1°20	24°10	6°56	8° 4	14°37	n.a.	T 5
W 6	16 48 3	11°52'03	12♈56	16°55	6°52	2°34	16°59	16°43	1° 0	1°21	24°11	6°52	8° 1	14°43	n.a.	W 6
T 7	16 51 59	12°49'11	25°47	19° 1	8° 5	3°12	17° 8	16°41	1° 2	1°23	24°13	6°46	7°58	14°50	n.a.	T 7
F 8	16 55 56	13°46'19	8♉25	21° 6	9°19	3°50	17°17	16°40	1° 3	1°25	24°15	6°39	7°55	14°57	n.a.	F 8
S 9	16 59 52	14°43'27	20°51	23° 9	10°33	4°27	17°25	16°39	1° 5	1°26	24°16	6°29	7°52	15° 3	n.a.	S 9
S 10	17 3 49	15°40'36	3♊ 6	25°11	11°46	5° 5	17°34	16°37	1° 6	1°28	24°18	6°20	7°48	15°10	n.a.	S 10
M11	17 7 45	16°37'45	15°13	27°11	13° 0	5°43	17°43	16°36	1° 8	1°30	24°19	6°11	7°45	15°17	n.a.	M11
T 12	17 11 42	17°34'55	27°11	29° 9	14°14	6°21	17°52	16°35	1° 9	1°31	24°21	6° 4	7°42	15°23	n.a.	T 12
W13	17 15 39	18°32'04	9♋ 3	1♋ 5	15°28	6°59	18° 1	16°34	1°11	1°33	24°22	5°58	7°39	15°30	n.a.	W13
T 14	17 19 35	19°29'14	20°51	3° 0	16°41	7°37	18°11	16°33	1°13	1°35	24°24	5°55	7°36	15°37	n.a.	T 14
F 15	17 23 32	20°26'25	2♌37	4°53	17°55	8°15	18°20	16°32	1°14	1°37	24°26	5°D54	7°32	15°43	n.a.	F 15
S 16	17 27 28	21°23'35	14°26	6°44	19° 9	8°53	18°30	16°32	1°16	1°38	24°27	5°54	7°29	15°50	n.a.	S 16
S 17	17 31 25	22°20'46	26°21	8°33	20°23	9°31	18°39	16°31	1°18	1°40	24°29	5°55	7°26	15°56	n.a.	S 17
M18	17 35 21	23°17'57	8♍26	10°20	21°37	10° 9	18°49	16°30	1°20	1°42	24°30	5°57	7°23	16° 3	n.a.	M18
T 19	17 39 18	24°15'09	20°47	12° 6	22°50	10°47	18°59	16°30	1°22	1°44	24°32	5°R58	7°20	16°10	n.a.	T 19
W20	17 43 14	25°12'20	3♎29	13°49	24° 4	11°25	19° 8	16°30	1°24	1°46	24°34	5°57	7°17	16°16	n.a.	W20
T 21	17 47 11	26° 9'32	16°35	15°31	25°18	12° 2	19°18	16°30	1°26	1°48	24°35	5°55	7°13	16°23	n.a.	T 21
F 22	17 51 8	27° 6'44	0♏ 9	17°11	26°32	12°40	19°28	16°29	1°28	1°49	24°37	5°52	7°10	16°30	n.a.	F 22
S 23	17 55 4	28° 3'57	14°12	18°49	27°46	13°18	19°39	16°D29	1°30	1°51	24°38	5°47	7° 7	16°36	n.a.	S 23
S 24	17 59 1	29° 1'10	28°41	20°25	29° 0	13°56	19°49	16°29	1°32	1°53	24°40	5°42	7° 4	16°43	n.a.	S 24
M25	18 2 57	29°58'24	13♐33	21°59	0♋14	14°34	19°59	16°30	1°35	1°55	24°42	5°37	7° 1	16°50	n.a.	M25
T 26	18 6 54	0♋55'39	28°39	23°32	1°28	15°12	20° 9	16°30	1°37	1°57	24°43	5°33	6°58	16°56	n.a.	T 26
W27	18 10 50	1°52'55	13♑51	25° 3	2°42	15°50	20°20	16°30	1°39	1°59	24°45	5°30	6°54	17° 3	n.a.	W27
T 28	18 14 47	2°50'11	28°58	26°31	3°55	16°28	20°30	16°31	1°42	2° 1	24°46	5°D28	6°51	17°10	n.a.	T 28
F 29	18 18 43	3°47'28	13♒52	27°58	5° 9	17° 6	20°41	16°31	1°44	2° 3	24°48	5°28	6°48	17°16	n.a.	F 29
S 30	18 22 40	4♋44'46	28♒26	29♋23	6♋23	17♋44	20♌52	16♎32	1♍46	2♌ 5	24♊50	5♌29	6♌45	17♋23	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n44	19s 8	0n13	22n35	1n 1	20n22	0s10	24n50	1n 8	17n18	1n14	4s15	2n39	11n59	0n46	20n32	0n27	24n 4	0n30	18n44	18n23	20n50		n.a.
S 2	21 53	16 21	1s 3	23 5	1 10	20 39	0 8	24 50	1 8	17 15	1 14	4 15	2 38	11 59	0 46	20 32	0 27	24 4	0 30	18 44	18 24	20 51		n.a.
S 3	22 2	12 40	2 14	23 32	1 17	20 56	0 5	24 50	1 8	17 13	1 14	4 14	2 38	11 59	0 46	20 32	0 27	24 4	0 30	18 44	18 25	20 51		n.a.
M 4	22 11	8 23	3 15	23 57	1 24	21 13	0 3	24 50	1 8	17 10	1 14	4 14	2 38	11 58	0 46	20 31	0 27	24 5	0 31	18 44	18 26	20 51		n.a.
T 5	22 19	3 48	4 5	24 19	1 30	21 28	0 0	24 49	1 8	17 8	1 14	4 14	2 38	11 58	0 46	20 31	0 27	24 5	0 31	18 44	18 27	20 51		n.a.
W 6	22 27	0n52	4 40	24 38	1 36	21 43	0n 2	24 49	1 8	17 5	1 14	4 13	2 37	11 57	0 46	20 31	0 27	24 5	0 31	18 45	18 28	20 51		n.a.
T 7	22 35	5 24	5 1	24 54	1 40	21 58	0 4	24 48	1 9	17 2	1 13	4 13	2 37	11 56	0 46	20 30	0 27	24 5	0 31	18 47	18 28	20 51		n.a.
F 8	22 42	9 38	5 6	25 8	1 44	22 12	0 7	24 47	1 9	16 59	1 13	4 12	2 37	11 56	0 46	20 30	0 27	24 5	0 31	18 49	18 29	20 51		n.a.
S 9	22 49	13 23	4 57	25 19	1 48	22 25	0 9	24 46	1 9	16 56	1 13	4 12	2 37	11 55	0 46	20 30	0 27	24 5	0 31	18 51	18 30	20 51		n.a.
S 10	22 55	16 32	4 34	25 27	1 50	22 38	0 11	24 45	1 9	16 54	1 13	4 12	2 36	11 55	0 46	20 29	0 27	24 5	0 31	18 54	18 31	20 51		n.a.
M11	23 1	18 55	3 59	25 32	1 52	22 50	0 14	24 43	1 9	16 51	1 13	4 12	2 36	11 54	0 46	20 29	0 27	24 5	0 31	18 56	18 32	20 51		n.a.
T 12	23 7	20 27	3 13	25 35	1 54	23 1	0 16	24 42	1 9	16 48	1 13	4 11	2 36	11 54	0 46	20 28	0 27	24 6	0 31	18 58	18 33	20 51		n.a.
W13	23 12	21 4	2 20	25 36	1 54	23 12	0 18	24 40	1 9	16 45	1 13	4 11	2 36	11 53	0 46	20 28	0 27	24 6	0 31	18 59	18 33	20 51		n.a.
T 14	23 17	20 44	1 21	25 34	1 54	23 22	0 21	24 38	1 9	16 42	1 13	4 11	2 35	11 52	0 46	20 28	0 27	24 6	0 31	19 0	18 34	20 51		n.a.
F 15	23 21	19 30	0 18	25 30	1 53	23 32	0 23	24 35	1 9	16 39	1 12	4 11	2 35	11 52	0 46	20 27	0 27	24 6	0 31	19 0	18 35	20 51		n.a.
S 16	23 25	17 25	0n46	25 23	1 52	23 40	0 25	24 33	1 9	16 36	1 12	4 11	2 35	11 51	0 46	20 27	0 27	24 6	0 31	19 0	18 36	20 52		n.a.
S 17	23 29	14 34	1 49	25 15	1 50	23 48	0 28	24 30	1 9	16 32	1 12	4 11	2 35	11 50	0 46	20 26	0 27	24 6	0 31	19 0	18 37	20 52		n.a.
M18	23 32	11 5	2 48	25 5	1 48	23 56	0 30	24 28	1 9	16 29	1 12	4 11	2 34	11 49	0 46	20 26	0 27	24 6	0 31	18 59	18 38	20 52		n.a.
T 19	23 34	7 3	3 40	24 53	1 45	24 2	0 32	24 25	1 10	16 26	1 12	4 11	2 34	11 49	0 45	20 26	0 27	24 7	0 31	18 59	18 38	20 52		n.a.
W20	23 37	2 37	4 23	24 39	1 41	24 8	0 34	24 21	1 10	16 23	1 12	4 11	2 34	11 48	0 45	20 25	0 27	24 7	0 32	18 59	18 39	20 52		n.a.
T 21	23 39	2s 4	4 54	24 23	1 37	24 13	0 36	24 18	1 10	16 20	1 12	4 12	2 34	11 47	0 45	20 25	0 27	24 7	0 32	19 0	18 40	20 52		n.a.
F 22	23 40	6 49	5 10	24 6	1 32	24 18	0 39	24 15	1 10	16 16	1 12	4 12	2 33	11 46	0 45	20 24	0 27	24 7	0 32	19 1	18 41	20 52		n.a.
S 23	23 41	11 22	5 8	23 48	1 27	24 21	0 41	24 11	1 10	16 13	1 12	4 12	2 33	11 46	0 45	20 24	0 27	24 7	0 32	19 2	18 42	20 52		n.a.
S 24	23 42	15 25	4 47	23 28	1 22	24 24	0 43	24 7	1 10	16 10	1 11	4 12	2 33	11 45	0 45	20 24	0 27	24 7	0 32	19 3	18 42	20 52		n.a.
M25	23 42	18 36	4 6	23 8	1 16	24 27	0 45	24 3	1 10	16 6	1 11	4 13	2 32	11 44	0 45	20 23	0 27	24 7	0 32	19 4	18 43	20 52		n.a.
T 26	23 42	20 34	3 8	22 46	1 9	24 28	0 47	23 59	1 10	16 3	1 11	4 13	2 32	11 43	0 45	20 23	0 27	24 7	0 32	19 5	18 44	20 52		n.a.
W27	23 41	21 3	1 56	22 23	1 2	24 29	0 49	23 54	1 10	15 59	1 11	4 13	2 32	11 42	0 45	20 22	0 27	24 8	0 32	19 6	18 45	20 52		n.a.
T 28	23 40	20 1	0 36	21 59	0 55	24 29	0 51	23 50	1 10	15 56	1 11	4 14	2 32	11 41	0 45	20 22	0 27	24 8	0 32	19 6	18 46	20 52		n.a.
F 29	23 39	17 35	0s46	21 34	0 48	24 28	0 52	23 45	1 10	15 52	1 11	4 14	2 31	11 40	0 45	20 21	0 27	24 8	0 32	19 6	18 46	20 52		n.a.
S 30	23n37	14s 4	2s 3	21n 9	0n40	24n27	0n54	23n40	1n10	15n49	1n11	4s15	2n31	11n40	0n45	20n21	0n27	24n 8	0n32	19n 6	18n47	20n52		n.a.

Julian Day Number = 1703677.5, Delta T = 03h04m16s
Ecliptic obliquity = 23°41'57, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°44'03, Lahiri = - 4°37'02 Julian Calendar 1 June 49 BCE == Greg. Calendar 30 May 049 BCE

The year -48 astronomical counting style corresponds to year 049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 49 BCE
geocentric

JULY 49 BCE (-48) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 26 37	5♋42'06	12♓37	0♌46	7♋37	18♋22	21♌ 2	16♎33	1♍49	2♌ 7	24♊51	5♌31	6♌42	17♋30	n.a.	S 1
M 2	18 30 33	6°39'27	26°23	2° 7	8°51	19° 0	21°13	16°33	1°51	2° 9	24°53	5°32	6°38	17°36	n.a.	M 2
T 3	18 34 30	7°36'48	9♈46	3°26	10° 5	19°38	21°24	16°34	1°54	2°11	24°54	5°R32	6°35	17°43	n.a.	T 3
W 4	18 38 26	8°34'12	22°47	4°43	11°20	20°16	21°35	16°35	1°56	2°13	24°56	5°32	6°32	17°50	n.a.	W 4
T 5	18 42 23	9°31'36	5♉30	5°58	12°34	20°54	21°46	16°36	1°59	2°15	24°58	5°30	6°29	17°56	n.a.	T 5
F 6	18 46 19	10°29'02	17°57	7°11	13°48	21°32	21°57	16°38	2° 2	2°17	24°59	5°27	6°26	18° 3	n.a.	F 6
S 7	18 50 16	11°26'30	0♊11	8°21	15° 2	22°10	22° 9	16°39	2° 4	2°20	25° 1	5°23	6°23	18°10	n.a.	S 7
S 8	18 54 12	12°23'58	12°15	9°29	16°16	22°48	22°20	16°40	2° 7	2°22	25° 2	5°19	6°19	18°16	n.a.	S 8
M 9	18 58 9	13°21'28	24°12	10°35	17°30	23°26	22°31	16°42	2°10	2°24	25° 4	5°16	6°16	18°23	n.a.	M 9
T 10	19 2 6	14°18'59	6♋ 3	11°38	18°44	24° 5	22°43	16°43	2°13	2°26	25° 5	5°13	6°13	18°30	n.a.	T 10
W11	19 6 2	15°16'32	17°51	12°38	19°58	24°43	22°54	16°45	2°16	2°28	25° 7	5°11	6°10	18°36	n.a.	W11
T 12	19 9 59	16°14'06	29°38	13°36	21°13	25°21	23° 6	16°47	2°19	2°30	25° 8	5°D10	6° 7	18°43	n.a.	T 12
F 13	19 13 55	17°11'41	11♌27	14°31	22°27	25°59	23°17	16°49	2°21	2°32	25°10	5°10	6° 4	18°49	n.a.	F 13
S 14	19 17 52	18° 9'17	23°19	15°23	23°41	26°37	23°29	16°51	2°24	2°35	25°11	5°11	6° 0	18°56	n.a.	S 14
S 15	19 21 48	19° 6'54	5♍18	16°11	24°55	27°15	23°41	16°53	2°27	2°37	25°13	5°12	5°57	19° 3	n.a.	S 15
M16	19 25 45	20° 4'32	17°28	16°57	26° 9	27°53	23°52	16°55	2°30	2°39	25°14	5°13	5°54	19° 9	n.a.	M16
T 17	19 29 41	21° 2'12	29°51	17°39	27°24	28°31	24° 4	16°57	2°33	2°41	25°16	5°14	5°51	19°16	n.a.	T 17
W18	19 33 38	21°59'52	12♎32	18°17	28°38	29°10	24°16	17° 0	2°36	2°43	25°17	5°15	5°48	19°23	n.a.	W18
T 19	19 37 35	22°57'34	25°35	18°51	29°52	29°48	24°28	17° 2	2°40	2°46	25°19	5°R15	5°44	19°29	n.a.	T 19
F 20	19 41 31	23°55'17	9♏ 2	19°21	1♌ 6	0♌26	24°40	17° 5	2°43	2°48	25°20	5°15	5°41	19°36	n.a.	F 20
S 21	19 45 28	24°53'01	22°56	19°46	2°21	1° 4	24°52	17° 7	2°46	2°50	25°22	5°14	5°38	19°43	n.a.	S 21
S 22	19 49 24	25°50'47	7♐15	20° 7	3°35	1°42	25° 4	17°10	2°49	2°52	25°23	5°13	5°35	19°49	n.a.	S 22
M23	19 53 21	26°48'34	21°58	20°23	4°49	2°21	25°16	17°13	2°52	2°54	25°24	5°12	5°32	19°56	n.a.	M23
T 24	19 57 17	27°46'22	6♑58	20°34	6° 3	2°59	25°28	17°16	2°56	2°57	25°26	5°11	5°29	20° 3	n.a.	T 24
W25	20 1 14	28°44'12	22° 9	20°R39	7°18	3°37	25°40	17°18	2°59	2°59	25°27	5°11	5°25	20° 9	n.a.	W25
T 26	20 5 10	29°42'03	7♒20	20°39	8°32	4°15	25°53	17°22	3° 2	3° 1	25°29	5°D11	5°22	20°16	n.a.	T 26
F 27	20 9 7	0♌39'56	22°23	20°33	9°46	4°54	26° 5	17°25	3° 5	3° 3	25°30	5°11	5°19	20°23	n.a.	F 27
S 28	20 13 4	1°37'51	7♓ 8	20°22	11° 1	5°32	26°17	17°28	3° 9	3° 5	25°31	5°11	5°16	20°29	n.a.	S 28
S 29	20 17 0	2°35'47	21°31	20° 4	12°15	6°10	26°30	17°31	3°12	3° 8	25°33	5°11	5°13	20°36	n.a.	S 29
M30	20 20 57	3°33'45	5♈28	19°40	13°29	6°49	26°42	17°35	3°16	3°10	25°34	5°12	5°10	20°43	n.a.	M30
T 31	20 24 53	4♌31'46	18♈58	19♌10	14♌44	7♌27	26♌55	17♎38	3♍19	3♌12	25♊35	5♌12	5♌ 6	20♋49	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n34	9s49	3s10	20n43	0n31	24n25	0n56	23n35	1n10	15n45	1n11	4s15	2n31	11n39	0n45	20n20	0n27	24n 8	0n32	19n 6	18n48	20n52			n.a.
M 2	23 32	5 10	4 4	20 16	0 23	24 22	0 58	23 29	1 10	15 42	1 11	4 16	2 31	11 38	0 45	20 20	0 27	24 8	0 32	19 6	18 49	20 52			n.a.
T 3	23 29	0 25	4 43	19 49	0 14	24 18	1 0	23 24	1 10	15 38	1 11	4 16	2 30	11 37	0 45	20 19	0 27	24 8	0 32	19 5	18 50	20 51			n.a.
W 4	23 25	4n13	5 6	19 22	0 4	24 14	1 1	23 18	1 10	15 34	1 10	4 17	2 30	11 36	0 45	20 19	0 27	24 8	0 32	19 6	18 50	20 51			n.a.
T 5	23 21	8 34	5 14	18 54	0s 5	24 9	1 3	23 12	1 10	15 31	1 10	4 18	2 30	11 35	0 45	20 19	0 27	24 9	0 33	19 6	18 51	20 51			n.a.
F 6	23 17	12 27	5 7	18 26	0 15	24 3	1 5	23 6	1 10	15 27	1 10	4 18	2 29	11 34	0 45	20 18	0 27	24 9	0 33	19 7	18 52	20 51			n.a.
S 7	23 12	15 45	4 45	17 58	0 25	23 56	1 6	23 0	1 10	15 23	1 10	4 19	2 29	11 33	0 45	20 18	0 27	24 9	0 33	19 8	18 53	20 51			n.a.
S 8	23 7	18 21	4 12	17 30	0 35	23 49	1 8	22 54	1 10	15 19	1 10	4 20	2 29	11 32	0 45	20 17	0 27	24 9	0 33	19 9	18 54	20 51			n.a.
M 9	23 1	20 7	3 27	17 2	0 46	23 41	1 9	22 47	1 10	15 16	1 10	4 21	2 29	11 31	0 45	20 17	0 27	24 9	0 33	19 10	18 54	20 51			n.a.
T 10	22 55	21 0	2 34	16 35	0 56	23 32	1 10	22 41	1 10	15 12	1 10	4 22	2 28	11 30	0 45	20 16	0 27	24 9	0 33	19 10	18 55	20 51			n.a.
W11	22 49	20 56	1 34	16 7	1 7	23 23	1 12	22 34	1 10	15 8	1 10	4 23	2 28	11 29	0 45	20 16	0 27	24 9	0 33	19 11	18 56	20 51			n.a.
T 12	22 42	19 57	0 31	15 40	1 18	23 12	1 13	22 27	1 10	15 4	1 10	4 24	2 28	11 28	0 45	20 15	0 27	24 9	0 33	19 11	18 57	20 51			n.a.
F 13	22 35	18 5	0n35	15 14	1 30	23 2	1 14	22 20	1 10	15 0	1 10	4 24	2 28	11 26	0 45	20 15	0 27	24 10	0 33	19 11	18 58	20 51			n.a.
S 14	22 27	15 27	1 39	14 48	1 41	22 50	1 15	22 12	1 10	14 56	1 10	4 25	2 27	11 25	0 45	20 14	0 27	24 10	0 33	19 11	18 58	20 51			n.a.
S 15	22 19	12 8	2 39	14 22	1 52	22 38	1 17	22 5	1 10	14 52	1 10	4 27	2 27	11 24	0 45	20 14	0 27	24 10	0 33	19 10	18 59	20 51			n.a.
M16	22 11	8 17	3 34	13 58	2 4	22 25	1 18	21 57	1 10	14 48	1 10	4 28	2 27	11 23	0 45	20 13	0 27	24 10	0 33	19 10	19 0	20 51			n.a.
T 17	22 2	4 1	4 19	13 34	2 15	22 11	1 19	21 49	1 10	14 44	1 10	4 29	2 27	11 22	0 45	20 13	0 27	24 10	0 33	19 10	19 1	20 50			n.a.
W18	21 53	0s31	4 53	13 12	2 27	21 57	1 20	21 41	1 10	14 40	1 9	4 30	2 26	11 21	0 45	20 12	0 27	24 10	0 33	19 10	19 2	20 50			n.a.
T 19	21 43	5 9	5 13	12 50	2 38	21 42	1 20	21 33	1 10	14 36	1 9	4 31	2 26	11 20	0 45	20 12	0 27	24 10	0 33	19 10	19 2	20 50			n.a.
F 20	21 33	9 40	5 17	12 30	2 49	21 27	1 21	21 25	1 10	14 32	1 9	4 32	2 26	11 19	0 44	20 11	0 27	24 10	0 34	19 10	19 3	20 50			n.a.
S 21	21 23	13 50	5 2	12 12	3 0	21 11	1 22	21 16	1 10	14 28	1 9	4 33	2 25	11 17	0 44	20 11	0 27	24 11	0 34	19 10	19 4	20 50			n.a.
S 22	21 12	17 20	4 29	11 55	3 11	20 54	1 23	21 8	1 10	14 24	1 9	4 35	2 25	11 16	0 44	20 10	0 27	24 11	0 34	19 10	19 5	20 50			n.a.
M23	21 1	19 50	3 38	11 40	3 22	20 37	1 23	20 59	1 10	14 19	1 9	4 36	2 25	11 15	0 44	20 10	0 27	24 11	0 34	19 10	19 6	20 50			n.a.
T 24	20 50	21 1	2 30	11 27	3 32	20 19	1 24	20 50	1 10	14 15	1 9	4 37	2 25	11 14	0 44	20 9	0 27	24 11	0 34	19 11	19 6	20 50			n.a.
W25	20 38	20 41	1 12	11 16	3 41	20 0	1 24	20 41	1 10	14 11	1 9	4 39	2 24	11 13	0 44	20 9	0 27	24 11	0 34	19 11	19 7	20 49			n.a.
T 26	20 26	18 50	0s12	11 7	3 50	19 41	1 25	20 32	1 10	14 7	1 9	4 40	2 24	11 11	0 44	20 8	0 27	24 11	0 34	19 11	19 8	20 49			n.a.
F 27	20 14	15 41	1 34	11 1	3 59	19 22	1 25	20 22	1 10	14 2	1 9	4 42	2 24	11 10	0 44	20 8	0 27	24 11	0 34	19 11	19 9	20 49			n.a.
S 28	20 1	11 35	2 49	10 58	4 6	19 2	1 26	20 13	1 10	13 58	1 9	4 43	2 24	11 9	0 44	20 7	0 27	24 11	0 34	19 11	19 10	20 49			n.a.
S 29	19 48	6 55	3 50	10 57	4 13	18 41	1 26	20 3	1 10	13 54	1 9	4 45	2 23	11 8	0 44	20 7	0 27	24 12	0 34	19 11	19 10	20 49			n.a.
M30	19 34	2 2	4 36	10 59	4 18	18 20	1 26	19 53	1 9	13 50	1 9	4 46	2 23	11 6	0 44	20 6	0 27	24 12	0 34	19 11	19 11	20 49			n.a.
T 31	19n20	2n48	5s 5	11n 5	4s23	17n58	1n26	19n44	1n 9	13n45	1n 9	4s48	2n23	11n 5	0n44	20n 6	0n27	24n12	0n34	19n11	19n12	20n49			n.a.

Julian Day Number = 1703707.5, Delta T = 03h04m15s
Ecliptic obliquity = 23°41'57, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°43'59, Lahiri = - 4°36'58 Julian Calendar 1 July 49 BCE == Greg. Calendar 29 June 049 BCE

The year -48 astronomical counting style corresponds to year 049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 49 BCE
geocentric

AUGUST 49 BCE (-48) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 28 50	5♌29'48	2♉ 2	18°R35	15♌58	8♌ 5	27♌ 7	17♎42	3♍22	3♌14	25♊36	5♌12	5♌ 3	20♋56	n.a.	W 1
T 2	20 32 46	6°27'52	14°44	17♌54	17°12	8°44	27°20	17°45	3°26	3°17	25°38	5°12	5° 0	21° 3	n.a.	T 2
F 3	20 36 43	7°25'59	27° 7	17° 8	18°27	9°22	27°32	17°49	3°29	3°19	25°39	5°12	4°57	21° 9	n.a.	F 3
S 4	20 40 39	8°24'08	9♊16	16°17	19°41	10° 1	27°45	17°53	3°33	3°21	25°40	5°12	4°54	21°16	n.a.	S 4
S 5	20 44 36	9°22'18	21°13	15°23	20°56	10°39	27°57	17°57	3°36	3°23	25°42	5°12	4°50	21°22	n.a.	S 5
M 6	20 48 33	10°20'31	3♋ 4	14°26	22°10	11°17	28°10	18° 0	3°40	3°26	25°43	5°13	4°47	21°29	n.a.	M 6
T 7	20 52 29	11°18'46	14°52	13°28	23°24	11°56	28°23	18° 4	3°43	3°28	25°44	5°14	4°44	21°36	n.a.	T 7
W 8	20 56 26	12°17'02	26°39	12°29	24°39	12°34	28°35	18° 9	3°47	3°30	25°45	5°14	4°41	21°42	n.a.	W 8
T 9	21 0 22	13°15'21	8♌29	11°31	25°53	13°13	28°48	18°13	3°51	3°32	25°46	5°R14	4°38	21°49	n.a.	T 9
F 10	21 4 19	14°13'42	20°23	10°35	27° 8	13°51	29° 1	18°17	3°54	3°34	25°47	5°14	4°35	21°56	n.a.	F 10
S 11	21 8 15	15°12'04	2♍25	9°43	28°22	14°30	29°14	18°21	3°58	3°37	25°49	5°13	4°31	22° 2	n.a.	S 11
S 12	21 12 12	16°10'28	14°34	8°56	29°37	15° 8	29°27	18°26	4° 1	3°39	25°50	5°12	4°28	22° 9	n.a.	S 12
M13	21 16 8	17° 8'54	26°55	8°14	0♍51	15°47	29°39	18°30	4° 5	3°41	25°51	5°10	4°25	22°16	n.a.	M13
T 14	21 20 5	18° 7'22	9♎28	7°40	2° 5	16°26	29°52	18°35	4° 9	3°43	25°52	5° 8	4°22	22°22	n.a.	T 14
W15	21 24 2	19° 5'52	22°15	7°13	3°20	17° 4	0♍ 5	18°39	4°12	3°45	25°53	5° 7	4°19	22°29	n.a.	W15
T 16	21 27 58	20° 4'23	5♏20	6°55	4°34	17°43	0°18	18°44	4°16	3°47	25°54	5° 5	4°15	22°36	n.a.	T 16
F 17	21 31 55	21° 2'56	18°44	6°D45	5°49	18°21	0°31	18°49	4°20	3°50	25°55	5°D 5	4°12	22°42	n.a.	F 17
S 18	21 35 51	22° 1'31	2♐28	6°46	7° 3	19° 0	0°44	18°54	4°24	3°52	25°56	5° 5	4° 9	22°49	n.a.	S 18
S 19	21 39 48	23° 0'08	16°33	6°55	8°18	19°39	0°57	18°58	4°27	3°54	25°57	5° 6	4° 6	22°56	n.a.	S 19
M20	21 43 44	23°58'46	0♑58	7°15	9°32	20°18	1°10	19° 3	4°31	3°56	25°58	5° 7	4° 3	23° 2	n.a.	M20
T 21	21 47 41	24°57'26	15°41	7°43	10°47	20°56	1°23	19° 8	4°35	3°58	25°59	5° 8	4° 0	23° 9	n.a.	T 21
W22	21 51 37	25°56'08	0♒35	8°21	12° 1	21°35	1°36	19°14	4°39	4° 0	26° 0	5°R 9	3°56	23°15	n.a.	W22
T 23	21 55 34	26°54'52	15°35	9° 7	13°16	22°14	1°49	19°19	4°42	4° 2	26° 1	5° 9	3°53	23°22	n.a.	T 23
F 24	21 59 31	27°53'38	0♓31	10° 1	14°30	22°52	2° 2	19°24	4°46	4° 4	26° 2	5° 8	3°50	23°29	n.a.	F 24
S 25	22 3 27	28°52'26	15°17	11° 3	15°44	23°31	2°15	19°29	4°50	4° 6	26° 2	5° 5	3°47	23°35	n.a.	S 25
S 26	22 7 24	29°51'16	29°44	12°11	16°59	24°10	2°28	19°34	4°54	4° 9	26° 3	5° 2	3°44	23°42	n.a.	S 26
M27	22 11 20	0♍50'09	13♈47	13°26	18°13	24°49	2°41	19°40	4°57	4°11	26° 4	4°58	3°41	23°49	n.a.	M27
T 28	22 15 17	1°49'03	27°24	14°47	19°28	25°28	2°54	19°45	5° 1	4°13	26° 5	4°55	3°37	23°55	n.a.	T 28
W29	22 19 13	2°48'00	10♉34	16°12	20°42	26° 7	3° 7	19°51	5° 5	4°15	26° 6	4°52	3°34	24° 2	n.a.	W29
T 30	22 23 10	3°47'00	23°19	17°42	21°57	26°46	3°20	19°56	5° 9	4°17	26° 6	4°50	3°31	24° 9	n.a.	T 30
F 31	22 27 6	4♍46'02	5♊43	19♌16	23♍11	27♌24	3♍33	20♎ 2	5♍13	4♌19	26♊ 7	4°D49	3♌28	24♋15	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	19n 6	7n21	5s17	11n13	4s25	17n36	1n26	19n33	1n 9	13n41	1n 9	4s49	2n23	11n 4	0n44	20n 5	0n27	24n12	0n34	19n11	19n13	20n48			n.a.
T 2	18 52	11 26	5 14	11 24	4 27	17 13	1 26	19 23	1 9	13 36	1 9	4 51	2 22	11 3	0 44	20 5	0 27	24 12	0 34	19 11	19 13	20 48			n.a.
F 3	18 37	14 56	4 55	11 39	4 26	16 50	1 26	19 13	1 9	13 32	1 9	4 52	2 22	11 1	0 44	20 4	0 27	24 12	0 35	19 10	19 14	20 48			n.a.
S 4	18 22	17 44	4 24	11 56	4 24	16 26	1 26	19 2	1 9	13 28	1 9	4 54	2 22	11 0	0 44	20 4	0 27	24 12	0 35	19 10	19 15	20 48			n.a.
S 5	18 6	19 44	3 41	12 16	4 20	16 2	1 26	18 52	1 9	13 23	1 9	4 56	2 22	10 59	0 44	20 3	0 27	24 12	0 35	19 10	19 16	20 48			n.a.
M 6	17 50	20 50	2 49	12 38	4 13	15 37	1 26	18 41	1 9	13 19	1 9	4 58	2 22	10 57	0 44	20 3	0 27	24 12	0 35	19 10	19 16	20 47			n.a.
T 7	17 34	21 1	1 51	13 3	4 5	15 12	1 25	18 30	1 9	13 14	1 9	4 59	2 21	10 56	0 44	20 2	0 27	24 13	0 35	19 10	19 17	20 47			n.a.
W 8	17 18	20 17	0 47	13 29	3 55	14 47	1 25	18 19	1 9	13 10	1 9	5 1	2 21	10 55	0 44	20 2	0 27	24 13	0 35	19 10	19 18	20 47			n.a.
T 9	17 1	18 38	0n18	13 56	3 43	14 21	1 24	18 8	1 9	13 5	1 9	5 3	2 21	10 53	0 44	20 1	0 27	24 13	0 35	19 10	19 19	20 47			n.a.
F 10	16 44	16 10	1 23	14 25	3 29	13 55	1 24	17 57	1 9	13 1	1 9	5 5	2 21	10 52	0 44	20 1	0 27	24 13	0 35	19 10	19 20	20 47			n.a.
S 11	16 27	12 59	2 25	14 53	3 14	13 28	1 23	17 45	1 9	12 56	1 9	5 7	2 20	10 51	0 44	20 0	0 27	24 13	0 35	19 10	19 20	20 46			n.a.
S 12	16 10	9 14	3 21	15 22	2 58	13 1	1 23	17 34	1 8	12 52	1 9	5 9	2 20	10 49	0 44	20 0	0 27	24 13	0 35	19 11	19 21	20 46			n.a.
M13	15 52	5 2	4 9	15 50	2 40	12 34	1 22	17 22	1 8	12 47	1 9	5 10	2 20	10 48	0 44	19 59	0 27	24 13	0 35	19 11	19 22	20 46			n.a.
T 14	15 34	0 35	4 46	16 16	2 22	12 6	1 21	17 10	1 8	12 43	1 9	5 12	2 20	10 47	0 44	19 59	0 27	24 13	0 35	19 11	19 23	20 46			n.a.
W15	15 16	3s59	5 9	16 41	2 3	11 38	1 20	16 58	1 8	12 38	1 9	5 14	2 20	10 45	0 44	19 58	0 27	24 13	0 35	19 12	19 23	20 46			n.a.
T 16	14 57	8 28	5 17	17 4	1 44	11 10	1 19	16 46	1 8	12 33	1 9	5 16	2 19	10 44	0 44	19 58	0 27	24 14	0 36	19 12	19 24	20 45			n.a.
F 17	14 38	12 39	5 8	17 25	1 25	10 41	1 18	16 34	1 8	12 29	1 9	5 18	2 19	10 43	0 44	19 57	0 27	24 14	0 36	19 12	19 25	20 45			n.a.
S 18	14 19	16 17	4 41	17 44	1 6	10 12	1 17	16 22	1 8	12 24	1 9	5 20	2 19	10 41	0 44	19 57	0 27	24 14	0 36	19 12	19 26	20 45			n.a.
S 19	14 0	19 4	3 58	17 59	0 47	9 43	1 16	16 9	1 8	12 19	1 9	5 22	2 19	10 40	0 44	19 56	0 28	24 14	0 36	19 12	19 26	20 45			n.a.
M20	13 40	20 44	2 58	18 11	0 29	9 14	1 15	15 57	1 8	12 15	1 9	5 24	2 19	10 38	0 44	19 56	0 28	24 14	0 36	19 12	19 27	20 44			n.a.
T 21	13 21	21 1	1 46	18 20	0 12	8 44	1 14	15 44	1 8	12 10	1 9	5 27	2 18	10 37	0 44	19 55	0 28	24 14	0 36	19 11	19 28	20 44			n.a.
W22	13 1	19 50	0 25	18 26	0n 4	8 14	1 12	15 32	1 7	12 5	1 9	5 29	2 18	10 36	0 44	19 55	0 28	24 14	0 36	19 11	19 29	20 44			n.a.
T 23	12 40	17 15	0s57	18 29	0 19	7 44	1 11	15 19	1 7	12 1	1 9	5 31	2 18	10 34	0 44	19 54	0 28	24 14	0 36	19 11	19 29	20 43			n.a.
F 24	12 20	13 31	2 15	18 27	0 33	7 14	1 10	15 6	1 7	11 56	1 9	5 33	2 18	10 33	0 44	19 54	0 28	24 14	0 36	19 12	19 30	20 43			n.a.
S 25	12 0	8 59	3 23	18 23	0 46	6 44	1 8	14 53	1 7	11 51	1 9	5 35	2 18	10 31	0 44	19 53	0 28	24 15	0 36	19 12	19 31	20 43			n.a.
S 26	11 39	4 2	4 17	18 15	0 58	6 13	1 7	14 40	1 7	11 47	1 9	5 37	2 17	10 30	0 44	19 53	0 28	24 15	0 36	19 13	19 32	20 43			n.a.
M27	11 18	1n 0	4 53	18 3	1 8	5 42	1 5	14 26	1 7	11 42	1 9	5 40	2 17	10 29	0 44	19 52	0 28	24 15	0 36	19 14	19 32	20 42			n.a.
T 28	10 57	5 49	5 12	17 49	1 18	5 11	1 3	14 13	1 7	11 37	1 9	5 42	2 17	10 27	0 44	19 52	0 28	24 15	0 36	19 15	19 33	20 42			n.a.
W29	10 35	10 12	5 13	17 31	1 26	4 40	1 2	13 59	1 6	11 32	1 9	5 44	2 17	10 26	0 44	19 51	0 28	24 15	0 37	19 15	19 34	20 42			n.a.
T 30	10 14	14 0	4 58	17 10	1 33	4 9	1 0	13 46	1 6	11 28	1 9	5 46	2 17	10 24	0 44	19 51	0 28	24 15	0 37	19 16	19 35	20 41			n.a.
F 31	9n52	17n 4	4s30	16n46	1n39	3n37	0n58	13n32	1n 6	11n23	1n 9	5s49	2n16	10n23	0n44	19n50	0n28	24n15	0n37	19n16	19n35	20n41			n.a.

Julian Day Number = 1703738.5, Delta T = 03h04m15s
Ecliptic obliquity = 23°41'58, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°43'54, Lahiri = - 4°36'54 Julian Calendar 1 Aug. 49 BCE == Greg. Calendar 30 July 049 BCE

The year -48 astronomical counting style corresponds to year 049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 49 BCE
geocentric

SEPTEMBER 49 BCE (-48) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 31 3	5♍45'06	17♊51	20♌52	24♍25	28♌ 3	3♍46	20♎ 8	5♍16	4♌21	26♊ 8	4♌50	3♌25	24♋22	n.a.	S 1
S 2	22 34 59	6°44'13	29°47	22°31	25°40	28°42	3°59	20°13	5°20	4°23	26° 9	4°52	3°21	24°29	n.a.	S 2
M 3	22 38 56	7°43'22	11♋36	24°13	26°54	29°21	4°12	20°19	5°24	4°24	26° 9	4°53	3°18	24°35	n.a.	M 3
T 4	22 42 53	8°42'34	23°23	25°55	28° 9	0♍ 0	4°25	20°25	5°28	4°26	26°10	4°55	3°15	24°42	n.a.	T 4
W 5	22 46 49	9°41'48	5♌12	27°40	29°23	0°39	4°38	20°31	5°31	4°28	26°10	4°R55	3°12	24°49	n.a.	W 5
T 6	22 50 46	10°41'04	17° 6	29°25	0♎38	1°18	4°51	20°37	5°35	4°30	26°11	4°55	3° 9	24°55	n.a.	T 6
F 7	22 54 42	11°40'22	29° 9	1♍10	1°52	1°58	5° 4	20°43	5°39	4°32	26°12	4°52	3° 6	25° 2	n.a.	F 7
S 8	22 58 39	12°39'43	11♍23	2°57	3° 6	2°37	5°17	20°49	5°43	4°34	26°12	4°48	3° 2	25° 8	n.a.	S 8
S 9	23 2 35	13°39'05	23°48	4°43	4°21	3°16	5°30	20°55	5°47	4°36	26°13	4°42	2°59	25°15	n.a.	S 9
M10	23 6 32	14°38'30	6♎27	6°29	5°35	3°55	5°43	21° 1	5°50	4°38	26°13	4°35	2°56	25°22	n.a.	M10
T 11	23 10 28	15°37'57	19°17	8°16	6°50	4°34	5°56	21° 7	5°54	4°39	26°14	4°27	2°53	25°28	n.a.	T 11
W12	23 14 25	16°37'25	2♏21	10° 2	8° 4	5°13	6° 9	21°13	5°58	4°41	26°14	4°21	2°50	25°35	n.a.	W12
T 13	23 18 21	17°36'56	15°38	11°47	9°18	5°53	6°22	21°20	6° 2	4°43	26°14	4°15	2°47	25°42	n.a.	T 13
F 14	23 22 18	18°36'29	29° 8	13°32	10°33	6°32	6°35	21°26	6° 5	4°45	26°15	4°11	2°43	25°48	n.a.	F 14
S 15	23 26 15	19°36'03	12♐50	15°17	11°47	7°11	6°48	21°32	6° 9	4°46	26°15	4° 9	2°40	25°55	n.a.	S 15
S 16	23 30 11	20°35'40	26°46	17° 1	13° 1	7°50	7° 1	21°39	6°13	4°48	26°16	4°D 9	2°37	26° 2	n.a.	S 16
M17	23 34 8	21°35'18	10♑55	18°45	14°16	8°30	7°13	21°45	6°16	4°50	26°16	4°10	2°34	26° 8	n.a.	M17
T 18	23 38 4	22°34'58	25°16	20°28	15°30	9° 9	7°26	21°52	6°20	4°51	26°16	4°11	2°31	26°15	n.a.	T 18
W19	23 42 1	23°34'40	9♒46	22°11	16°45	9°48	7°39	21°58	6°24	4°53	26°17	4°R12	2°27	26°22	n.a.	W19
T 20	23 45 57	24°34'23	24°22	23°52	17°59	10°28	7°52	22° 5	6°27	4°55	26°17	4°10	2°24	26°28	n.a.	T 20
F 21	23 49 54	25°34'09	8♓58	25°34	19°13	11° 7	8° 5	22°11	6°31	4°56	26°17	4° 6	2°21	26°35	n.a.	F 21
S 22	23 53 50	26°33'56	23°28	27°14	20°27	11°47	8°17	22°18	6°35	4°58	26°17	4° 0	2°18	26°42	n.a.	S 22
S 23	23 57 47	27°33'45	7♈46	28°54	21°42	12°26	8°30	22°24	6°38	4°59	26°17	3°51	2°15	26°48	n.a.	S 23
M24	0 1 44	28°33'37	21°45	0♎34	22°56	13° 5	8°43	22°31	6°42	5° 1	26°18	3°42	2°12	26°55	n.a.	M24
T 25	0 5 40	29°33'31	5♉21	2°13	24°10	13°45	8°55	22°38	6°45	5° 2	26°18	3°33	2° 8	27° 1	n.a.	T 25
W26	0 9 37	0♎33'26	18°33	3°51	25°25	14°24	9° 8	22°44	6°49	5° 4	26°18	3°25	2° 5	27° 8	n.a.	W26
T 27	0 13 33	1°33'25	1♊20	5°29	26°39	15° 4	9°20	22°51	6°53	5° 5	26°18	3°18	2° 2	27°15	n.a.	T 27
F 28	0 17 30	2°33'25	13°47	7° 6	27°53	15°44	9°33	22°58	6°56	5° 6	26°18	3°14	1°59	27°21	n.a.	F 28
S 29	0 21 26	3°33'28	25°56	8°42	29° 7	16°23	9°45	23° 5	7° 0	5° 8	26°R18	3°12	1°56	27°28	n.a.	S 29
S 30	0 25 23	4♎33'33	7♋52	10♎18	0♏21	17♍ 3	9♍58	23♎12	7♍ 3	5♌ 9	26♊18	3°D12	1♌52	27♋35	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n30	19n19	3s50	16n20	1n44	3n 6	0n56	13n19	1n 6	11n18	1n 9	5s51	2n16	10n22	0n44	19n50	0n28	24n15	0n37	19n16	19n36	20n41		n.a.
S 2	9 8	20 41	3 1	15 51	1 47	2 34	0 54	13 5	1 6	11 13	1 9	5 53	2 16	10 20	0 44	19 49	0 28	24 15	0 37	19 15	19 37	20 40		n.a.
M 3	8 46	21 7	2 4	15 20	1 50	2 3	0 52	12 51	1 6	11 9	1 9	5 56	2 16	10 19	0 44	19 49	0 28	24 15	0 37	19 15	19 38	20 40		n.a.
T 4	8 24	20 37	1 3	14 46	1 52	1 31	0 50	12 37	1 6	11 4	1 9	5 58	2 16	10 17	0 44	19 49	0 28	24 16	0 37	19 15	19 38	20 40		n.a.
W 5	8 1	19 12	0n 1	14 11	1 54	0 59	0 48	12 23	1 5	10 59	1 9	6 0	2 16	10 16	0 44	19 48	0 28	24 16	0 37	19 14	19 39	20 39		n.a.
T 6	7 38	16 56	1 6	13 35	1 54	0 27	0 46	12 8	1 5	10 54	1 9	6 3	2 16	10 15	0 44	19 48	0 28	24 16	0 37	19 15	19 40	20 39		n.a.
F 7	7 16	13 54	2 8	12 57	1 54	0s 5	0 44	11 54	1 5	10 50	1 9	6 5	2 15	10 13	0 44	19 47	0 28	24 16	0 37	19 15	19 41	20 39		n.a.
S 8	6 53	10 13	3 6	12 17	1 53	0 37	0 42	11 40	1 5	10 45	1 9	6 8	2 15	10 12	0 44	19 47	0 28	24 16	0 37	19 16	19 41	20 38		n.a.
S 9	6 30	6 4	3 55	11 36	1 51	1 9	0 40	11 25	1 5	10 40	1 9	6 10	2 15	10 10	0 44	19 46	0 28	24 16	0 37	19 18	19 42	20 38		n.a.
M10	6 7	1 35	4 33	10 55	1 49	1 40	0 37	11 11	1 5	10 35	1 9	6 12	2 15	10 9	0 44	19 46	0 28	24 16	0 37	19 20	19 43	20 38		n.a.
T 11	5 43	3s 2	4 59	10 12	1 46	2 12	0 35	10 56	1 4	10 30	1 9	6 15	2 15	10 8	0 44	19 46	0 28	24 16	0 38	19 21	19 44	20 37		n.a.
W12	5 20	7 35	5 9	9 29	1 43	2 44	0 33	10 41	1 4	10 26	1 10	6 17	2 15	10 6	0 44	19 45	0 28	24 16	0 38	19 23	19 44	20 37		n.a.
T 13	4 57	11 52	5 3	8 45	1 40	3 16	0 30	10 27	1 4	10 21	1 10	6 20	2 14	10 5	0 44	19 45	0 28	24 16	0 38	19 24	19 45	20 37		n.a.
F 14	4 33	15 37	4 41	8 1	1 36	3 48	0 28	10 12	1 4	10 16	1 10	6 22	2 14	10 3	0 44	19 44	0 28	24 17	0 38	19 25	19 46	20 36		n.a.
S 15	4 10	18 35	4 2	7 16	1 32	4 19	0 25	9 57	1 4	10 11	1 10	6 25	2 14	10 2	0 44	19 44	0 28	24 17	0 38	19 26	19 47	20 36		n.a.
S 16	3 46	20 31	3 8	6 31	1 27	4 51	0 23	9 42	1 3	10 7	1 10	6 27	2 14	10 1	0 44	19 44	0 28	24 17	0 38	19 26	19 47	20 35		n.a.
M17	3 22	21 13	2 2	5 45	1 22	5 22	0 20	9 27	1 3	10 2	1 10	6 30	2 14	9 59	0 44	19 43	0 28	24 17	0 38	19 25	19 48	20 35		n.a.
T 18	2 58	20 32	0 48	5 0	1 17	5 54	0 18	9 12	1 3	9 57	1 10	6 32	2 14	9 58	0 44	19 43	0 28	24 17	0 38	19 25	19 49	20 35		n.a.
W19	2 35	18 29	0s30	4 14	1 12	6 25	0 15	8 57	1 3	9 52	1 10	6 35	2 14	9 57	0 44	19 42	0 28	24 17	0 38	19 25	19 50	20 34		n.a.
T 20	2 11	15 13	1 47	3 28	1 6	6 56	0 13	8 41	1 3	9 48	1 10	6 38	2 14	9 55	0 44	19 42	0 28	24 17	0 38	19 26	19 50	20 34		n.a.
F 21	1 47	11 0	2 56	2 42	1 0	7 27	0 10	8 26	1 2	9 43	1 10	6 40	2 13	9 54	0 44	19 42	0 28	24 17	0 38	19 26	19 51	20 33		n.a.
S 22	1 23	6 11	3 53	1 56	0 54	7 58	0 7	8 11	1 2	9 38	1 10	6 43	2 13	9 53	0 44	19 41	0 28	24 17	0 38	19 28	19 52	20 33		n.a.
S 23	0 59	1 6	4 35	1 10	0 48	8 28	0 5	7 55	1 2	9 33	1 10	6 45	2 13	9 51	0 44	19 41	0 28	24 17	0 39	19 30	19 52	20 33		n.a.
M24	0 35	3n56	4 59	0 25	0 42	8 59	0 2	7 40	1 2	9 29	1 10	6 48	2 13	9 50	0 44	19 41	0 28	24 17	0 39	19 32	19 53	20 32		n.a.
T 25	0 11	8 39	5 6	0s21	0 36	9 29	0s 1	7 24	1 1	9 24	1 10	6 50	2 13	9 49	0 44	19 40	0 28	24 17	0 39	19 34	19 54	20 32		n.a.
W26	0s13	12 48	4 55	1 6	0 29	9 59	0 3	7 9	1 1	9 19	1 11	6 53	2 13	9 47	0 44	19 40	0 28	24 18	0 39	19 36	19 55	20 31		n.a.
T 27	0 38	16 14	4 30	1 51	0 23	10 29	0 6	6 53	1 1	9 15	1 11	6 56	2 13	9 46	0 44	19 40	0 28	24 18	0 39	19 38	19 55	20 31		n.a.
F 28	1 2	18 51	3 53	2 36	0 16	10 58	0 9	6 37	1 1	9 10	1 11	6 58	2 13	9 45	0 44	19 39	0 28	24 18	0 39	19 39	19 56	20 30		n.a.
S 29	1 26	20 32	3 6	3 20	0 10	11 28	0 12	6 21	1 0	9 5	1 11	7 1	2 13	9 43	0 44	19 39	0 28	24 18	0 39	19 39	19 57	20 30		n.a.
S 30	1s50	21n17	2s11	4s 5	0n 3	11s57	0s14	6n 6	1n 0	9n 1	1n11	7s 3	2n13	9n42	0n44	19n39	0n28	24n18	0n39	19n39	19n57	20n30		n.a.

Julian Day Number = 1703769.5, Delta T = 03h04m14s
Ecliptic obliquity = 23°41'58, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°43'50, Lahiri = - 4°36'50 Julian Calendar 1 Sept. 49 BCE == Greg. Calendar 30 Aug. 049 BCE

The year -48 astronomical counting style corresponds to year 049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 49 BCE
geocentric

OCTOBER 49 BCE (-48) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 29 19	5♎33'40	19♋41	11♎54	1♏36	17♍42	10♍10	23♎18	7♍ 7	5♌10	26°R18	3♌12	1♌49	27♋41	n.a.	M 1
T 2	0 33 16	6°33'50	1♌29	13°29	2°50	18°22	10°23	23°25	7°10	5°12	26♊18	3°R13	1°46	27°48	n.a.	T 2
W 3	0 37 13	7°34'01	13°19	15° 4	4° 4	19° 2	10°35	23°32	7°13	5°13	26°18	3°12	1°43	27°55	n.a.	W 3
T 4	0 41 9	8°34'15	25°18	16°38	5°18	19°42	10°47	23°39	7°17	5°14	26°18	3°10	1°40	28° 1	n.a.	T 4
F 5	0 45 6	9°34'30	7♍29	18°12	6°32	20°21	10°59	23°46	7°20	5°15	26°17	3° 5	1°37	28° 8	n.a.	F 5
S 6	0 49 2	10°34'48	19°55	19°45	7°47	21° 1	11°12	23°53	7°23	5°17	26°17	2°57	1°33	28°15	n.a.	S 6
S 7	0 52 59	11°35'08	2♎37	21°18	9° 1	21°41	11°24	24° 0	7°27	5°18	26°17	2°47	1°30	28°21	n.a.	S 7
M 8	0 56 55	12°35'29	15°36	22°51	10°15	22°21	11°36	24° 7	7°30	5°19	26°17	2°35	1°27	28°28	n.a.	M 8
T 9	1 0 52	13°35'52	28°51	24°23	11°29	23° 1	11°48	24°14	7°33	5°20	26°17	2°22	1°24	28°34	n.a.	T 9
W10	1 4 48	14°36'18	12♏18	25°55	12°43	23°41	12° 0	24°21	7°37	5°21	26°16	2°10	1°21	28°41	n.a.	W10
T 11	1 8 45	15°36'44	25°57	27°26	13°57	24°21	12°12	24°28	7°40	5°22	26°16	2° 0	1°18	28°48	n.a.	T 11
F 12	1 12 41	16°37'13	9♐45	28°58	15°11	25° 1	12°24	24°35	7°43	5°23	26°16	1°53	1°14	28°54	n.a.	F 12
S 13	1 16 38	17°37'42	23°39	0♏28	16°25	25°41	12°35	24°42	7°46	5°24	26°16	1°48	1°11	29° 1	n.a.	S 13
S 14	1 20 35	18°38'14	7♑37	1°59	17°40	26°21	12°47	24°49	7°49	5°25	26°15	1°46	1° 8	29° 8	n.a.	S 14
M15	1 24 31	19°38'46	21°40	3°29	18°54	27° 1	12°59	24°56	7°52	5°26	26°15	1°D46	1° 5	29°14	n.a.	M15
T 16	1 28 28	20°39'20	5♒47	4°58	20° 8	27°41	13°10	25° 3	7°55	5°27	26°14	1°R46	1° 2	29°21	n.a.	T 16
W17	1 32 24	21°39'56	19°56	6°28	21°22	28°21	13°22	25°10	7°58	5°27	26°14	1°45	0°58	29°28	n.a.	W17
T 18	1 36 21	22°40'32	4♓ 6	7°56	22°36	29° 1	13°33	25°17	8° 1	5°28	26°14	1°42	0°55	29°34	n.a.	T 18
F 19	1 40 17	23°41'10	18°16	9°25	23°50	29°41	13°45	25°24	8° 4	5°29	26°13	1°36	0°52	29°41	n.a.	F 19
S 20	1 44 14	24°41'49	2♈20	10°53	25° 3	0♎21	13°56	25°31	8° 7	5°30	26°13	1°27	0°49	29°48	n.a.	S 20
S 21	1 48 10	25°42'30	16°15	12°20	26°17	1° 1	14° 8	25°38	8°10	5°30	26°12	1°16	0°46	29°54	n.a.	S 21
M22	1 52 7	26°43'12	29°56	13°47	27°31	1°41	14°19	25°46	8°13	5°31	26°11	1° 3	0°43	0♌ 1	n.a.	M22
T 23	1 56 4	27°43'55	13♉20	15°13	28°45	2°22	14°30	25°53	8°16	5°32	26°11	0°49	0°39	0° 7	n.a.	T 23
W24	2 0 0	28°44'40	26°25	16°38	29°59	3° 2	14°41	26° 0	8°18	5°32	26°10	0°37	0°36	0°14	n.a.	W24
T 25	2 3 57	29°45'27	9♊ 9	18° 3	1♐13	3°42	14°52	26° 7	8°21	5°33	26°10	0°27	0°33	0°21	n.a.	T 25
F 26	2 7 53	0♏46'15	21°34	19°27	2°27	4°23	15° 3	26°14	8°24	5°33	26° 9	0°20	0°30	0°27	n.a.	F 26
S 27	2 11 50	1°47'05	3♋43	20°50	3°40	5° 3	15°14	26°21	8°26	5°34	26° 8	0°16	0°27	0°34	n.a.	S 27
S 28	2 15 46	2°47'56	15°40	22°12	4°54	5°43	15°24	26°28	8°29	5°34	26° 8	0°13	0°24	0°41	n.a.	S 28
M29	2 19 43	3°48'49	27°29	23°32	6° 8	6°24	15°35	26°35	8°32	5°35	26° 7	0°13	0°20	0°47	n.a.	M29
T 30	2 23 39	4°49'43	9♌16	24°51	7°22	7° 4	15°46	26°42	8°34	5°35	26° 6	0°13	0°17	0°54	n.a.	T 30
W31	2 27 36	5♏50'39	21♌ 7	26♏ 9	8♐35	7♎45	15♍56	26♎49	8♍37	5♌35	26♊ 6	0♌12	0♌14	1♌ 1	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	2s14	21n 3	1s12	4s49	0s 4	12s26	0s17	5n50	1n 0	8n56	1n11	7s 6	2n13	9n41	0n44	19n38	0n28	24n18	0n39	19n39	19n58	20n29			n.a.
T 2	2 38	19 54	0 9	5 32	0 10	12 54	0 20	5 34	1 0	8 51	1 11	7 9	2 12	9 39	0 44	19 38	0 28	24 18	0 39	19 39	19 59	20 29			n.a.
W 3	3 2	17 52	0n54	6 15	0 17	13 22	0 23	5 18	0 59	8 47	1 11	7 11	2 12	9 38	0 44	19 38	0 28	24 18	0 39	19 39	20 0	20 28			n.a.
T 4	3 26	15 2	1 55	6 58	0 24	13 50	0 26	5 2	0 59	8 42	1 11	7 14	2 12	9 37	0 44	19 38	0 29	24 18	0 39	19 40	20 0	20 28			n.a.
F 5	3 50	11 30	2 52	7 41	0 30	14 17	0 28	4 46	0 59	8 37	1 11	7 17	2 12	9 36	0 44	19 37	0 29	24 18	0 39	19 41	20 1	20 27			n.a.
S 6	4 14	7 26	3 42	8 23	0 37	14 45	0 31	4 30	0 59	8 33	1 12	7 19	2 12	9 34	0 44	19 37	0 29	24 18	0 40	19 43	20 2	20 27			n.a.
S 7	4 38	2 56	4 22	9 4	0 43	15 11	0 34	4 14	0 58	8 28	1 12	7 22	2 12	9 33	0 44	19 37	0 29	24 18	0 40	19 45	20 2	20 26			n.a.
M 8	5 2	1s46	4 49	9 45	0 50	15 38	0 37	3 57	0 58	8 24	1 12	7 25	2 12	9 32	0 44	19 37	0 29	24 19	0 40	19 48	20 3	20 26			n.a.
T 9	5 25	6 29	5 1	10 25	0 56	16 4	0 39	3 41	0 58	8 19	1 12	7 27	2 12	9 31	0 44	19 36	0 29	24 19	0 40	19 51	20 4	20 25			n.a.
W10	5 49	10 59	4 57	11 5	1 2	16 30	0 42	3 25	0 58	8 15	1 12	7 30	2 12	9 30	0 44	19 36	0 29	24 19	0 40	19 53	20 5	20 25			n.a.
T 11	6 13	14 59	4 36	11 44	1 9	16 55	0 45	3 9	0 57	8 10	1 12	7 32	2 12	9 28	0 44	19 36	0 29	24 19	0 40	19 56	20 5	20 24			n.a.
F 12	6 36	18 13	3 59	12 23	1 15	17 20	0 48	2 52	0 57	8 6	1 12	7 35	2 12	9 27	0 45	19 36	0 29	24 19	0 40	19 57	20 6	20 24			n.a.
S 13	6 59	20 26	3 7	13 1	1 21	17 44	0 50	2 36	0 57	8 1	1 12	7 38	2 12	9 26	0 45	19 35	0 29	24 19	0 40	19 58	20 7	20 23			n.a.
S 14	7 23	21 25	2 4	13 38	1 26	18 8	0 53	2 20	0 56	7 57	1 13	7 40	2 12	9 25	0 45	19 35	0 29	24 19	0 40	19 59	20 7	20 23			n.a.
M15	7 46	21 3	0 53	14 15	1 32	18 31	0 56	2 4	0 56	7 52	1 13	7 43	2 12	9 24	0 45	19 35	0 29	24 19	0 40	19 59	20 8	20 22			n.a.
T 16	8 9	19 22	0s21	14 51	1 38	18 54	0 58	1 47	0 56	7 48	1 13	7 46	2 12	9 23	0 45	19 35	0 29	24 19	0 40	19 59	20 9	20 22			n.a.
W17	8 32	16 29	1 35	15 26	1 43	19 16	1 1	1 31	0 56	7 44	1 13	7 48	2 12	9 22	0 45	19 35	0 29	24 19	0 40	19 59	20 10	20 21			n.a.
T 18	8 55	12 37	2 42	16 1	1 48	19 38	1 3	1 14	0 55	7 39	1 13	7 51	2 12	9 20	0 45	19 34	0 29	24 19	0 41	20 0	20 10	20 21			n.a.
F 19	9 18	8 3	3 39	16 34	1 53	20 0	1 6	0 58	0 55	7 35	1 13	7 53	2 12	9 19	0 45	19 34	0 29	24 19	0 41	20 1	20 11	20 20			n.a.
S 20	9 40	3 5	4 23	17 7	1 58	20 21	1 8	0 41	0 55	7 31	1 13	7 56	2 11	9 18	0 45	19 34	0 29	24 19	0 41	20 3	20 12	20 20			n.a.
S 21	10 2	2n 0	4 50	17 38	2 2	20 41	1 11	0 25	0 54	7 27	1 14	7 59	2 11	9 17	0 45	19 34	0 29	24 19	0 41	20 6	20 12	20 19			n.a.
M22	10 25	6 53	5 0	18 9	2 6	21 1	1 13	0 9	0 54	7 22	1 14	8 1	2 11	9 16	0 45	19 34	0 29	24 20	0 41	20 9	20 13	20 18			n.a.
T 23	10 47	11 21	4 53	18 39	2 10	21 20	1 16	0s 8	0 54	7 18	1 14	8 4	2 11	9 15	0 45	19 34	0 29	24 20	0 41	20 12	20 14	20 18			n.a.
W24	11 9	15 10	4 31	19 8	2 14	21 38	1 18	0 24	0 53	7 14	1 14	8 7	2 11	9 14	0 45	19 34	0 29	24 20	0 41	20 14	20 14	20 17			n.a.
T 25	11 30	18 11	3 55	19 35	2 17	21 56	1 21	0 41	0 53	7 10	1 14	8 9	2 11	9 13	0 45	19 34	0 29	24 20	0 41	20 16	20 15	20 17			n.a.
F 26	11 52	20 17	3 9	20 2	2 20	22 14	1 23	0 57	0 53	7 6	1 14	8 12	2 11	9 12	0 45	19 33	0 29	24 20	0 41	20 18	20 16	20 16			n.a.
S 27	12 13	21 23	2 15	20 27	2 22	22 30	1 25	1 14	0 52	7 2	1 15	8 14	2 11	9 11	0 45	19 33	0 29	24 20	0 41	20 19	20 16	20 16			n.a.
S 28	12 35	21 30	1 16	20 50	2 24	22 47	1 27	1 30	0 52	6 58	1 15	8 17	2 11	9 10	0 45	19 33	0 29	24 20	0 41	20 19	20 17	20 15			n.a.
M29	12 56	20 39	0 15	21 13	2 26	23 2	1 29	1 47	0 52	6 54	1 15	8 19	2 11	9 9	0 45	19 33	0 29	24 20	0 41	20 19	20 18	20 14			n.a.
T 30	13 16	18 54	0n48	21 34	2 27	23 17	1 32	2 3	0 51	6 50	1 15	8 22	2 11	9 8	0 45	19 33	0 29	24 20	0 42	20 19	20 19	20 14			n.a.
W31	13s37	16n19	1n48	21s53	2s28	23s31	1s34	2s20	0n51	6n46	1n15	8s24	2n11	9n 8	0n45	19n33	0n29	24n20	0n42	20n20	20n19	20n13			n.a.

Julian Day Number = 1703799.5, Delta T = 03h04m13s
Ecliptic obliquity = 23°41'59, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°43'46, Lahiri = - 4°36'46 Julian Calendar 1 Oct. 49 BCE == Greg. Calendar 29 Sept. 049 BCE

The year -48 astronomical counting style corresponds to year 049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 49 BCE
geocentric

NOVEMBER 49 BCE (-48) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 31 33	6♏51'36	3♍ 8	27♏24	9♐49	8♎25	16♍ 6	26♎56	8♍39	5♌36	26°R 5	0°R10	0♌11	1♌ 7	n.a.	T 1
F 2	2 35 29	7°52'35	15°23	28°38	11° 3	9° 6	16°17	27° 3	8°41	5°36	26♊ 4	0♌ 5	0° 8	1°14	n.a.	F 2
S 3	2 39 26	8°53'35	27°55	29°48	12°16	9°46	16°27	27°10	8°44	5°36	26° 3	29♋57	0° 4	1°21	n.a.	S 3
S 4	2 43 22	9°54'36	10♎49	0♐56	13°30	10°27	16°37	27°17	8°46	5°36	26° 2	29°47	0° 1	1°27	n.a.	S 4
M 5	2 47 19	10°55'39	24° 4	2° 1	14°44	11° 8	16°47	27°24	8°48	5°37	26° 2	29°34	29♋58	1°34	n.a.	M 5
T 6	2 51 15	11°56'42	7♏40	3° 2	15°57	11°48	16°57	27°31	8°50	5°37	26° 1	29°21	29°55	1°41	n.a.	T 6
W 7	2 55 12	12°57'47	21°33	3°58	17°11	12°29	17° 7	27°38	8°53	5°37	26° 0	29° 9	29°52	1°47	n.a.	W 7
T 8	2 59 8	13°58'52	5♐39	4°49	18°24	13°10	17°17	27°45	8°55	5°37	25°59	28°58	29°49	1°54	n.a.	T 8
F 9	3 3 5	14°59'59	19°54	5°35	19°38	13°50	17°26	27°52	8°57	5°37	25°58	28°51	29°45	2° 0	n.a.	F 9
S 10	3 7 2	16° 1'06	4♑11	6°14	20°51	14°31	17°36	27°59	8°59	5°R37	25°57	28°46	29°42	2° 7	n.a.	S 10
S 11	3 10 58	17° 2'14	18°27	6°46	22° 4	15°12	17°45	28° 5	9° 1	5°37	25°56	28°44	29°39	2°14	n.a.	S 11
M12	3 14 55	18° 3'22	2♒39	7° 9	23°18	15°53	17°54	28°12	9° 3	5°37	25°55	28°D43	29°36	2°20	n.a.	M12
T 13	3 18 51	19° 4'30	16°45	7°24	24°31	16°33	18° 4	28°19	9° 5	5°37	25°54	28°R44	29°33	2°27	n.a.	T 13
W14	3 22 48	20° 5'39	0♓45	7°R29	25°44	17°14	18°13	28°26	9° 6	5°37	25°53	28°43	29°29	2°34	n.a.	W14
T 15	3 26 44	21° 6'49	14°39	7°23	26°58	17°55	18°22	28°33	9° 8	5°37	25°52	28°41	29°26	2°40	n.a.	T 15
F 16	3 30 41	22° 7'58	28°25	7° 5	28°11	18°36	18°30	28°39	9°10	5°36	25°51	28°36	29°23	2°47	n.a.	F 16
S 17	3 34 37	23° 9'08	12♈ 3	6°36	29°24	19°17	18°39	28°46	9°12	5°36	25°50	28°28	29°20	2°54	n.a.	S 17
S 18	3 38 34	24°10'19	25°31	5°56	0♑37	19°58	18°48	28°53	9°13	5°36	25°49	28°18	29°17	3° 0	n.a.	S 18
M19	3 42 31	25°11'29	8♉47	5° 4	1°50	20°39	18°56	28°59	9°15	5°36	25°48	28° 7	29°14	3° 7	n.a.	M19
T 20	3 46 27	26°12'41	21°50	4° 3	3° 3	21°20	19° 5	29° 6	9°16	5°35	25°47	27°55	29°10	3°14	n.a.	T 20
W21	3 50 24	27°13'52	4♊39	2°52	4°16	22° 1	19°13	29°12	9°18	5°35	25°46	27°45	29° 7	3°20	n.a.	W21
T 22	3 54 20	28°15'05	17°12	1°35	5°29	22°42	19°21	29°19	9°19	5°35	25°45	27°36	29° 4	3°27	n.a.	T 22
F 23	3 58 17	29°16'17	29°30	0°14	6°42	23°23	19°29	29°25	9°21	5°34	25°43	27°29	29° 1	3°33	n.a.	F 23
S 24	4 2 13	0♐17'30	11♋35	28♏52	7°55	24° 4	19°37	29°32	9°22	5°34	25°42	27°25	28°58	3°40	n.a.	S 24
S 25	4 6 10	1°18'44	23°30	27°31	9° 7	24°45	19°45	29°38	9°23	5°33	25°41	27°D24	28°55	3°47	n.a.	S 25
M26	4 10 7	2°19'58	5♌18	26°13	10°20	25°27	19°52	29°45	9°24	5°33	25°40	27°24	28°51	3°53	n.a.	M26
T 27	4 14 3	3°21'13	17° 5	25° 2	11°33	26° 8	20° 0	29°51	9°25	5°32	25°39	27°25	28°48	4° 0	n.a.	T 27
W28	4 18 0	4°22'28	28°56	23°59	12°45	26°49	20° 7	29°57	9°27	5°31	25°38	27°R26	28°45	4° 7	n.a.	W28
T 29	4 21 56	5°23'43	10♍55	23° 6	13°58	27°30	20°14	0♏ 3	9°28	5°31	25°36	27°26	28°42	4°13	n.a.	T 29
F 30	4 25 53	6♐24'59	23♍ 8	22♏23	15♑10	28♎12	20♍21	0♏ 9	9♍29	5♌30	25♊35	27♋24	28♋39	4♌20	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s57	13n 2	2n45	22s11	2s28	23s44	1s36	2s36	0n50	6n42	1n15	8s27	2n11	9n 7	0n45	19n33	0n29	24n20	0n42	20n20	20n20	20n13		n.a.
F 2	14 17	9 7	3 35	22 27	2 27	23 57	1 38	2 53	0 50	6 38	1 16	8 30	2 11	9 6	0 45	19 33	0 29	24 20	0 42	20 21	20 21	20 12		n.a.
S 3	14 37	4 44	4 16	22 42	2 25	24 9	1 40	3 9	0 50	6 34	1 16	8 32	2 11	9 5	0 45	19 33	0 29	24 20	0 42	20 23	20 21	20 11		n.a.
S 4	14 57	0 2	4 45	22 54	2 23	24 21	1 41	3 26	0 49	6 30	1 16	8 35	2 11	9 4	0 45	19 33	0 29	24 20	0 42	20 25	20 22	20 11		n.a.
M 5	15 16	4s48	5 0	23 5	2 20	24 31	1 43	3 42	0 49	6 26	1 16	8 37	2 11	9 3	0 45	19 33	0 29	24 20	0 42	20 28	20 23	20 10		n.a.
T 6	15 35	9 31	4 58	23 13	2 16	24 41	1 45	3 58	0 49	6 23	1 16	8 40	2 11	9 2	0 45	19 33	0 29	24 20	0 42	20 30	20 23	20 9		n.a.
W 7	15 54	13 52	4 39	23 19	2 11	24 50	1 46	4 15	0 48	6 19	1 17	8 42	2 12	9 2	0 45	19 33	0 29	24 20	0 42	20 33	20 24	20 9		n.a.
T 8	16 12	17 30	4 2	23 23	2 6	24 59	1 48	4 31	0 48	6 15	1 17	8 44	2 12	9 1	0 45	19 33	0 29	24 20	0 42	20 35	20 25	20 8		n.a.
F 9	16 31	20 9	3 10	23 25	1 58	25 7	1 50	4 47	0 47	6 12	1 17	8 47	2 12	9 0	0 45	19 33	0 30	24 21	0 42	20 37	20 25	20 8		n.a.
S 10	16 49	21 32	2 6	23 23	1 50	25 14	1 51	5 4	0 47	6 8	1 17	8 49	2 12	8 59	0 45	19 33	0 30	24 21	0 42	20 38	20 26	20 7		n.a.
S 11	17 6	21 31	0 54	23 20	1 41	25 20	1 52	5 20	0 46	6 5	1 17	8 52	2 12	8 59	0 45	19 33	0 30	24 21	0 42	20 38	20 27	20 6		n.a.
M12	17 24	20 7	0s21	23 13	1 30	25 25	1 54	5 36	0 46	6 1	1 18	8 54	2 12	8 58	0 46	19 33	0 30	24 21	0 43	20 38	20 27	20 6		n.a.
T 13	17 41	17 29	1 34	23 3	1 17	25 30	1 55	5 53	0 46	5 58	1 18	8 57	2 12	8 57	0 46	19 33	0 30	24 21	0 43	20 38	20 28	20 5		n.a.
W14	17 58	13 50	2 42	22 50	1 3	25 34	1 56	6 9	0 45	5 54	1 18	8 59	2 12	8 57	0 46	19 33	0 30	24 21	0 43	20 38	20 29	20 4		n.a.
T 15	18 14	9 28	3 39	22 34	0 48	25 37	1 57	6 25	0 45	5 51	1 18	9 1	2 12	8 56	0 46	19 33	0 30	24 21	0 43	20 39	20 29	20 4		n.a.
F 16	18 30	4 39	4 23	22 15	0 32	25 39	1 58	6 41	0 44	5 48	1 18	9 4	2 12	8 55	0 46	19 33	0 30	24 21	0 43	20 40	20 30	20 3		n.a.
S 17	18 46	0n21	4 51	21 52	0 14	25 41	1 59	6 57	0 44	5 44	1 19	9 6	2 12	8 55	0 46	19 33	0 30	24 21	0 43	20 41	20 31	20 2		n.a.
S 18	19 1	5 16	5 3	21 27	0n 5	25 42	2 0	7 13	0 43	5 41	1 19	9 8	2 12	8 54	0 46	19 33	0 30	24 21	0 43	20 43	20 31	20 1		n.a.
M19	19 16	9 53	4 58	20 58	0 25	25 42	2 1	7 29	0 43	5 38	1 19	9 11	2 12	8 54	0 46	19 34	0 30	24 21	0 43	20 46	20 32	20 1		n.a.
T 20	19 31	13 57	4 38	20 27	0 45	25 41	2 1	7 45	0 43	5 35	1 19	9 13	2 12	8 53	0 46	19 34	0 30	24 21	0 43	20 48	20 33	20 0		n.a.
W21	19 45	17 18	4 3	19 53	1 6	25 40	2 2	8 1	0 42	5 32	1 19	9 15	2 12	8 53	0 46	19 34	0 30	24 21	0 43	20 50	20 33	19 59		n.a.
T 22	19 59	19 47	3 18	19 18	1 26	25 38	2 3	8 17	0 42	5 29	1 20	9 17	2 12	8 52	0 46	19 34	0 30	24 21	0 43	20 52	20 34	19 59		n.a.
F 23	20 13	21 18	2 24	18 43	1 44	25 35	2 3	8 33	0 41	5 26	1 20	9 20	2 12	8 52	0 46	19 34	0 30	24 21	0 43	20 53	20 35	19 58		n.a.
S 24	20 26	21 48	1 24	18 8	2 2	25 31	2 3	8 48	0 41	5 23	1 20	9 22	2 12	8 51	0 46	19 34	0 30	24 21	0 43	20 54	20 35	19 57		n.a.
S 25	20 39	21 17	0 21	17 35	2 18	25 26	2 4	9 4	0 40	5 20	1 20	9 24	2 13	8 51	0 46	19 34	0 30	24 21	0 44	20 54	20 36	19 57		n.a.
M26	20 51	19 50	0n42	17 4	2 31	25 21	2 4	9 20	0 40	5 17	1 21	9 26	2 13	8 50	0 46	19 34	0 30	24 21	0 44	20 54	20 37	19 56		n.a.
T 27	21 3	17 32	1 44	16 36	2 43	25 15	2 4	9 35	0 39	5 15	1 21	9 28	2 13	8 50	0 46	19 35	0 30	24 21	0 44	20 54	20 37	19 55		n.a.
W28	21 15	14 29	2 42	16 12	2 51	25 8	2 4	9 51	0 39	5 12	1 21	9 30	2 13	8 50	0 46	19 35	0 30	24 21	0 44	20 54	20 38	19 54		n.a.
T 29	21 26	10 49	3 33	15 53	2 58	25 0	2 4	10 6	0 38	5 9	1 21	9 33	2 13	8 49	0 46	19 35	0 30	24 21	0 44	20 54	20 39	19 54		n.a.
F 30	21s37	6n39	4n15	15s37	3n 2	24s52	2s 3	10s22	0n38	5n 7	1n22	9s35	2n13	8n49	0n46	19n35	0n30	24n21	0n44	20n54	20n39	19n53		n.a.

Julian Day Number = 1703830.5, Delta T = 03h04m12s
Ecliptic obliquity = 23°41'59, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°43'42, Lahiri = - 4°36'41 Julian Calendar 1 Nov. 49 BCE == Greg. Calendar 30 Oct. 049 BCE

The year -48 astronomical counting style corresponds to year 049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 49 BCE
geocentric

DECEMBER 49 BCE (-48) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 29 49	7♐26'14	5♎41	21°R50	16♑23	28♎53	20♍28	0♏16	9♍29	5°R29	25°R34	27°R21	28♋35	4♌27	n.a.	S 1
S 2	4 33 46	8°27'31	18°36	21♏28	17°35	29°34	20°35	0°22	9°30	5♌29	25♊33	27♋15	28°32	4°33	n.a.	S 2
M 3	4 37 42	9°28'47	1♏57	21°15	18°47	0♏16	20°41	0°28	9°31	5°28	25°31	27° 7	28°29	4°40	n.a.	M 3
T 4	4 41 39	10°30'04	15°43	21°D13	19°59	0°57	20°48	0°34	9°32	5°27	25°30	26°59	28°26	4°47	n.a.	T 4
W 5	4 45 36	11°31'20	29°53	21°19	21°11	1°39	20°54	0°40	9°33	5°26	25°29	26°51	28°23	4°53	n.a.	W 5
T 6	4 49 32	12°32'37	14♐21	21°34	22°23	2°20	21° 0	0°46	9°33	5°26	25°28	26°44	28°20	5° 0	n.a.	T 6
F 7	4 53 29	13°33'54	29° 1	21°56	23°35	3° 2	21° 6	0°51	9°34	5°25	25°26	26°39	28°16	5° 7	n.a.	F 7
S 8	4 57 25	14°35'10	13♑46	22°25	24°47	3°43	21°12	0°57	9°34	5°24	25°25	26°37	28°13	5°13	n.a.	S 8
S 9	5 1 22	15°36'26	28°28	23° 1	25°59	4°25	21°18	1° 3	9°35	5°23	25°24	26°D36	28°10	5°20	n.a.	S 9
M10	5 5 18	16°37'41	13♒ 2	23°41	27°11	5° 6	21°23	1° 9	9°35	5°22	25°23	26°37	28° 7	5°26	n.a.	M10
T 11	5 9 15	17°38'55	27°23	24°27	28°22	5°48	21°29	1°14	9°36	5°21	25°21	26°38	28° 4	5°33	n.a.	T 11
W12	5 13 11	18°40'09	11♓30	25°18	29°34	6°30	21°34	1°20	9°36	5°20	25°20	26°39	28° 1	5°40	n.a.	W12
T 13	5 17 8	19°41'22	25°21	26°12	0♒45	7°11	21°39	1°25	9°36	5°19	25°19	26°R39	27°57	5°46	n.a.	T 13
F 14	5 21 5	20°42'34	8♈56	27°10	1°57	7°53	21°44	1°31	9°36	5°18	25°17	26°38	27°54	5°53	n.a.	F 14
S 15	5 25 1	21°43'46	22°17	28°11	3° 8	8°35	21°48	1°36	9°37	5°17	25°16	26°35	27°51	6° 0	n.a.	S 15
S 16	5 28 58	22°44'57	5♉24	29°15	4°19	9°16	21°53	1°41	9°37	5°16	25°15	26°30	27°48	6° 6	n.a.	S 16
M17	5 32 54	23°46'07	18°17	0♐21	5°30	9°58	21°57	1°47	9°R37	5°14	25°14	26°24	27°45	6°13	n.a.	M17
T 18	5 36 51	24°47'16	0♊57	1°30	6°41	10°40	22° 2	1°52	9°37	5°13	25°12	26°19	27°41	6°20	n.a.	T 18
W19	5 40 47	25°48'24	13°26	2°41	7°52	11°22	22° 6	1°57	9°36	5°12	25°11	26°13	27°38	6°26	n.a.	W19
T 20	5 44 44	26°49'32	25°43	3°53	9° 2	12° 4	22° 9	2° 2	9°36	5°11	25°10	26° 9	27°35	6°33	n.a.	T 20
F 21	5 48 41	27°50'39	7♋50	5° 8	10°13	12°45	22°13	2° 7	9°36	5°10	25° 8	26° 6	27°32	6°40	n.a.	F 21
S 22	5 52 37	28°51'45	19°49	6°24	11°23	13°27	22°17	2°12	9°36	5° 8	25° 7	26° 4	27°29	6°46	n.a.	S 22
S 23	5 56 34	29°52'51	1♌40	7°41	12°33	14° 9	22°20	2°17	9°36	5° 7	25° 6	26°D 4	27°26	6°53	n.a.	S 23
M24	6 0 30	0♑53'56	13°28	9° 0	13°43	14°51	22°23	2°21	9°35	5° 6	25° 4	26° 5	27°22	7° 0	n.a.	M24
T 25	6 4 27	1°55'00	25°15	10°20	14°53	15°33	22°26	2°26	9°35	5° 4	25° 3	26° 7	27°19	7° 6	n.a.	T 25
W26	6 8 23	2°56'03	7♍ 6	11°41	16° 3	16°15	22°29	2°31	9°34	5° 3	25° 2	26° 9	27°16	7°13	n.a.	W26
T 27	6 12 20	3°57'06	19° 4	13° 4	17°13	16°57	22°32	2°35	9°34	5° 2	25° 1	26°10	27°13	7°19	n.a.	T 27
F 28	6 16 16	4°58'08	1♎15	14°27	18°23	17°39	22°34	2°40	9°33	5° 0	24°59	26°R11	27°10	7°26	n.a.	F 28
S 29	6 20 13	5°59'09	13°44	15°51	19°32	18°21	22°36	2°44	9°32	4°59	24°58	26°11	27° 7	7°33	n.a.	S 29
S 30	6 24 10	7° 0'09	26°34	17°17	20°41	19° 3	22°38	2°49	9°32	4°58	24°57	26°10	27° 3	7°39	n.a.	S 30
M31	6 28 6	8♑ 1'09	9♏50	18♐43	21♒50	19♏46	22♍40	2♏53	9♍31	4♌56	24♊55	26♋ 8	27♋ 0	7♌46	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s47	2n 6	4n47	15s27	3n 5	24s43	2s 3	10s37	0n37	5n 4	1n22	9s37	2n13	8n49	0n46	19n35	0n30	24n21	0n44	20n55	20n40	19n52		n.a.
S 2	21 57	2s41	5 5	15 21	3 5	24 33	2 3	10 52	0 37	5 2	1 22	9 39	2 13	8 48	0 46	19 36	0 30	24 21	0 44	20 56	20 41	19 51		n.a.
M 3	22 7	7 29	5 7	15 18	3 4	24 23	2 2	11 8	0 36	4 59	1 22	9 41	2 13	8 48	0 46	19 36	0 30	24 21	0 44	20 58	20 41	19 51		n.a.
T 4	22 16	12 4	4 52	15 20	3 2	24 12	2 2	11 23	0 36	4 57	1 23	9 43	2 13	8 48	0 46	19 36	0 30	24 21	0 44	20 59	20 42	19 50		n.a.
W 5	22 25	16 8	4 19	15 26	2 58	24 0	2 1	11 38	0 35	4 55	1 23	9 45	2 13	8 48	0 46	19 36	0 30	24 22	0 44	21 1	20 43	19 49		n.a.
T 6	22 33	19 19	3 29	15 34	2 53	23 47	2 0	11 53	0 34	4 52	1 23	9 47	2 14	8 47	0 47	19 36	0 30	24 22	0 44	21 2	20 43	19 48		n.a.
F 7	22 41	21 18	2 24	15 45	2 47	23 34	1 59	12 7	0 34	4 50	1 23	9 49	2 14	8 47	0 47	19 37	0 30	24 22	0 44	21 3	20 44	19 48		n.a.
S 8	22 48	21 50	1 9	15 59	2 41	23 20	1 58	12 22	0 33	4 48	1 24	9 51	2 14	8 47	0 47	19 37	0 30	24 22	0 44	21 4	20 45	19 47		n.a.
S 9	22 55	20 51	0s10	16 14	2 34	23 6	1 57	12 37	0 33	4 46	1 24	9 52	2 14	8 47	0 47	19 37	0 30	24 22	0 45	21 4	20 45	19 46		n.a.
M10	23 1	18 30	1 28	16 32	2 27	22 51	1 56	12 52	0 32	4 44	1 24	9 54	2 14	8 47	0 47	19 37	0 30	24 22	0 45	21 4	20 46	19 45		n.a.
T 11	23 7	15 0	2 40	16 51	2 19	22 35	1 55	13 6	0 32	4 42	1 24	9 56	2 14	8 47	0 47	19 38	0 30	24 22	0 45	21 3	20 46	19 44		n.a.
W12	23 13	10 43	3 40	17 11	2 11	22 18	1 53	13 21	0 31	4 41	1 25	9 58	2 14	8 47	0 47	19 38	0 30	24 22	0 45	21 3	20 47	19 44		n.a.
T 13	23 18	5 56	4 27	17 32	2 2	22 1	1 52	13 35	0 30	4 39	1 25	10 0	2 14	8 46	0 47	19 38	0 30	24 22	0 45	21 3	20 48	19 43		n.a.
F 14	23 22	0 58	4 57	17 53	1 54	21 44	1 50	13 49	0 30	4 37	1 25	10 2	2 15	8 46	0 47	19 39	0 30	24 22	0 45	21 3	20 48	19 42		n.a.
S 15	23 26	3n58	5 11	18 16	1 45	21 26	1 48	14 3	0 29	4 35	1 26	10 3	2 15	8 46	0 47	19 39	0 30	24 22	0 45	21 4	20 49	19 41		n.a.
S 16	23 30	8 37	5 8	18 38	1 37	21 7	1 47	14 17	0 29	4 34	1 26	10 5	2 15	8 46	0 47	19 39	0 31	24 22	0 45	21 5	20 50	19 40		n.a.
M17	23 33	12 49	4 50	19 1	1 28	20 47	1 45	14 31	0 28	4 32	1 26	10 7	2 15	8 46	0 47	19 39	0 31	24 22	0 45	21 6	20 50	19 39		n.a.
T 18	23 36	16 23	4 17	19 24	1 19	20 28	1 43	14 45	0 27	4 31	1 26	10 8	2 15	8 47	0 47	19 40	0 31	24 22	0 45	21 7	20 51	19 39		n.a.
W19	23 38	19 8	3 33	19 46	1 10	20 7	1 40	14 59	0 27	4 30	1 27	10 10	2 15	8 47	0 47	19 40	0 31	24 22	0 45	21 8	20 52	19 38		n.a.
T 20	23 40	20 59	2 39	20 9	1 2	19 46	1 38	15 12	0 26	4 28	1 27	10 12	2 15	8 47	0 47	19 40	0 31	24 22	0 45	21 9	20 52	19 37		n.a.
F 21	23 41	21 49	1 39	20 31	0 53	19 25	1 36	15 26	0 26	4 27	1 27	10 13	2 16	8 47	0 47	19 41	0 31	24 22	0 45	21 10	20 53	19 36		n.a.
S 22	23 42	21 39	0 34	20 53	0 44	19 3	1 33	15 39	0 25	4 26	1 28	10 15	2 16	8 47	0 47	19 41	0 31	24 22	0 45	21 10	20 53	19 35		n.a.
S 23	23 42	20 30	0n31	21 14	0 36	18 40	1 31	15 52	0 24	4 25	1 28	10 16	2 16	8 47	0 47	19 41	0 31	24 22	0 45	21 10	20 54	19 34		n.a.
M24	23 42	18 28	1 34	21 35	0 28	18 18	1 28	16 6	0 24	4 24	1 28	10 18	2 16	8 47	0 47	19 42	0 31	24 22	0 46	21 10	20 55	19 34		n.a.
T 25	23 41	15 39	2 34	21 55	0 19	17 54	1 25	16 19	0 23	4 23	1 28	10 19	2 16	8 47	0 47	19 42	0 31	24 22	0 46	21 9	20 55	19 33		n.a.
W26	23 40	12 12	3 27	22 15	0 11	17 31	1 23	16 31	0 22	4 22	1 29	10 21	2 16	8 48	0 47	19 42	0 31	24 22	0 46	21 9	20 56	19 32		n.a.
T 27	23 38	8 14	4 12	22 34	0 3	17 6	1 20	16 44	0 22	4 21	1 29	10 22	2 17	8 48	0 47	19 43	0 31	24 22	0 46	21 9	20 57	19 31		n.a.
F 28	23 36	3 52	4 47	22 51	0s 5	16 42	1 17	16 57	0 21	4 21	1 29	10 23	2 17	8 48	0 47	19 43	0 31	24 22	0 46	21 9	20 57	19 30		n.a.
S 29	23 34	0s44	5 9	23 9	0 12	16 17	1 13	17 9	0 20	4 20	1 30	10 25	2 17	8 49	0 48	19 44	0 31	24 22	0 46	21 9	20 58	19 29		n.a.
S 30	23 31	5 27	5 16	23 25	0 20	15 52	1 10	17 22	0 20	4 19	1 30	10 26	2 17	8 49	0 48	19 44	0 31	24 22	0 46	21 9	20 58	19 28		n.a.
M31	23s27	10s 4	5n 7	23s40	0s27	15s26	1s 7	17s34	0n19	4n19	1n30	10s27	2n17	8n49	0n48	19n44	0n31	24n22	0n46	21n 9	20n59	19n27		n.a.

Julian Day Number = 1703860.5, Delta T = 03h04m11s
Ecliptic obliquity = 23°41'58, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°43'38, Lahiri = - 4°36'37 Julian Calendar 1 Dec. 49 BCE == Greg. Calendar 29 Nov. 049 BCE

The year -48 astronomical counting style corresponds to year 049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 48 BCE
geocentric

JANUARY 48 BCE (-47) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 32 3	9♉ 2'07	23♏33	20♐10	22♒59	20♏28	22♍42	2♏57	9°R30	4°R55	24°R54	26°R 6	26♋57	7♌53	n.a.	T 1
W 2	6 35 59	10° 3'05	7♐43	21°38	24° 8	21°10	22°43	3° 1	9♍29	4♌53	24♊53	26♋ 3	26°54	7°59	n.a.	W 2
T 3	6 39 56	11° 4'02	22°18	23° 6	25°17	21°52	22°45	3° 5	9°28	4°52	24°52	26° 1	26°51	8° 6	n.a.	T 3
F 4	6 43 52	12° 4'58	7♉10	24°36	26°25	22°34	22°46	3° 9	9°27	4°50	24°50	26° 0	26°47	8°13	n.a.	F 4
S 5	6 47 49	13° 5'53	22°14	26° 6	27°33	23°17	22°47	3°13	9°26	4°49	24°49	26°D 0	26°44	8°19	n.a.	S 5
S 6	6 51 45	14° 6'46	7♒20	27°37	28°41	23°59	22°47	3°17	9°25	4°47	24°48	26° 0	26°41	8°26	n.a.	S 6
M 7	6 55 42	15° 7'38	22°18	29° 9	29°49	24°41	22°48	3°20	9°24	4°46	24°47	26° 0	26°38	8°33	n.a.	M 7
T 8	6 59 39	16° 8'28	7♓ 2	0♉42	0♓57	25°24	22°48	3°24	9°23	4°44	24°46	26° 1	26°35	8°39	n.a.	T 8
W 9	7 3 35	17° 9'16	21°27	2°15	2° 4	26° 6	22°R48	3°27	9°22	4°42	24°44	26° 2	26°32	8°46	n.a.	W 9
T 10	7 7 32	18°10'03	5♈28	3°49	3°11	26°48	22°48	3°31	9°21	4°41	24°43	26° 3	26°28	8°53	n.a.	T 10
F 11	7 11 28	19°10'48	19° 7	5°24	4°18	27°31	22°48	3°34	9°19	4°39	24°42	26°R 3	26°25	8°59	n.a.	F 11
S 12	7 15 25	20°11'31	2♉23	7° 0	5°25	28°13	22°48	3°37	9°18	4°38	24°41	26° 3	26°22	9° 6	n.a.	S 12
S 13	7 19 21	21°12'13	15°20	8°36	6°32	28°55	22°47	3°40	9°17	4°36	24°40	26° 2	26°19	9°13	n.a.	S 13
M14	7 23 18	22°12'52	27°58	10°14	7°38	29°38	22°46	3°43	9°15	4°34	24°39	26° 2	26°16	9°19	n.a.	M14
T 15	7 27 14	23°13'30	10♊23	11°52	8°44	0♐20	22°45	3°46	9°14	4°33	24°37	26° 1	26°13	9°26	n.a.	T 15
W16	7 31 11	24°14'07	22°35	13°31	9°50	1° 3	22°44	3°49	9°12	4°31	24°36	26° 1	26° 9	9°32	n.a.	W16
T 17	7 35 8	25°14'41	4♋38	15°11	10°55	1°45	22°43	3°52	9°10	4°30	24°35	26° 1	26° 6	9°39	n.a.	T 17
F 18	7 39 4	26°15'14	16°35	16°52	12° 1	2°28	22°41	3°55	9° 9	4°28	24°34	26°D 1	26° 3	9°46	n.a.	F 18
S 19	7 43 1	27°15'45	28°26	18°33	13° 5	3°11	22°40	3°57	9° 7	4°26	24°33	26°R 1	26° 0	9°52	n.a.	S 19
S 20	7 46 57	28°16'14	10♌15	20°16	14°10	3°53	22°38	4° 0	9° 5	4°25	24°32	26° 1	25°57	9°59	n.a.	S 20
M21	7 50 54	29°16'42	22° 3	21°59	15°14	4°36	22°36	4° 2	9° 4	4°23	24°31	26° 1	25°53	10° 6	n.a.	M21
T 22	7 54 50	0♒17'08	3♍53	23°44	16°19	5°18	22°33	4° 5	9° 2	4°21	24°30	26° 0	25°50	10°12	n.a.	T 22
W23	7 58 47	1°17'32	15°47	25°29	17°22	6° 1	22°31	4° 7	9° 0	4°20	24°29	25°59	25°47	10°19	n.a.	W23
T 24	8 2 43	2°17'55	27°48	27°16	18°26	6°44	22°28	4° 9	8°58	4°18	24°28	25°59	25°44	10°26	n.a.	T 24
F 25	8 6 40	3°18'16	10♎ 1	29° 3	19°29	7°26	22°25	4°11	8°56	4°16	24°27	25°58	25°41	10°32	n.a.	F 25
S 26	8 10 37	4°18'36	22°28	0♒51	20°31	8° 9	22°22	4°13	8°54	4°15	24°26	25°57	25°38	10°39	n.a.	S 26
S 27	8 14 33	5°18'54	5♏14	2°40	21°34	8°52	22°19	4°15	8°52	4°13	24°25	25°D57	25°34	10°46	n.a.	S 27
M28	8 18 30	6°19'11	18°21	4°31	22°36	9°35	22°16	4°16	8°50	4°11	24°24	25°57	25°31	10°52	n.a.	M28
T 29	8 22 26	7°19'26	1♐54	6°22	23°37	10°17	22°12	4°18	8°48	4°10	24°23	25°58	25°28	10°59	n.a.	T 29
W30	8 26 23	8°19'39	15°53	8°14	24°38	11° 0	22° 9	4°20	8°46	4° 8	24°22	25°59	25°25	11° 6	n.a.	W30
T 31	8 30 19	9♒19'51	0♉18	10♒ 7	25♓39	11♐43	22♍ 5	4♏21	8♍44	4♌ 6	24♊21	26♋ 0	25♋22	11♌12	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	23s23	14s20	4n41	23s54	0s34	15s 0	1s 3	17s46	0n18	4n19	1n30	10s29	2n17	8n49	0n48	19n45	0n31	24n22	0n46	21n10	21n 0	19n26					n.a.
W 2	23 19	17 56	3 57	24 7	0 41	14 33	1 0	17 58	0 17	4 18	1 31	10 30	2 18	8 50	0 48	19 45	0 31	24 22	0 46	21 10	21 0	19 26					n.a.
T 3	23 14	20 32	2 56	24 19	0 48	14 7	0 56	18 10	0 17	4 18	1 31	10 31	2 18	8 50	0 48	19 45	0 31	24 22	0 46	21 10	21 1	19 25					n.a.
F 4	23 9	21 48	1 43	24 29	0 54	13 40	0 52	18 21	0 16	4 18	1 31	10 32	2 18	8 51	0 48	19 46	0 31	24 22	0 46	21 11	21 2	19 24					n.a.
S 5	23 3	21 30	0 21	24 39	1 0	13 12	0 48	18 33	0 15	4 18	1 32	10 33	2 18	8 51	0 48	19 46	0 31	24 22	0 46	21 11	21 2	19 23					n.a.
S 6	22 57	19 39	1s 3	24 47	1 6	12 45	0 44	18 44	0 15	4 18	1 32	10 35	2 18	8 51	0 48	19 47	0 31	24 22	0 46	21 11	21 3	19 22					n.a.
M 7	22 50	16 27	2 21	24 54	1 12	12 17	0 40	18 55	0 14	4 18	1 32	10 36	2 18	8 52	0 48	19 47	0 31	24 22	0 46	21 11	21 3	19 21					n.a.
T 8	22 43	12 15	3 29	24 59	1 17	11 49	0 36	19 6	0 13	4 18	1 32	10 37	2 19	8 52	0 48	19 47	0 31	24 22	0 46	21 10	21 4	19 20					n.a.
W 9	22 35	7 26	4 22	25 4	1 23	11 21	0 32	19 17	0 12	4 18	1 33	10 38	2 19	8 53	0 48	19 48	0 31	24 22	0 47	21 10	21 5	19 19					n.a.
T 10	22 27	2 21	4 58	25 6	1 28	10 52	0 27	19 28	0 11	4 18	1 33	10 39	2 19	8 53	0 48	19 48	0 31	24 22	0 47	21 10	21 5	19 18					n.a.
F 11	22 19	2n42	5 16	25 8	1 32	10 23	0 23	19 39	0 11	4 19	1 33	10 40	2 19	8 54	0 48	19 49	0 31	24 22	0 47	21 10	21 6	19 17					n.a.
S 12	22 10	7 29	5 16	25 7	1 37	9 55	0 18	19 49	0 10	4 19	1 34	10 41	2 19	8 55	0 48	19 49	0 31	24 22	0 47	21 10	21 6	19 16					n.a.
S 13	22 0	11 49	5 0	25 6	1 41	9 25	0 14	19 59	0 9	4 20	1 34	10 41	2 20	8 55	0 48	19 49	0 31	24 22	0 47	21 10	21 7	19 15					n.a.
M14	21 51	15 32	4 30	25 2	1 45	8 56	0 9	20 9	0 8	4 20	1 34	10 42	2 20	8 56	0 48	19 50	0 31	24 22	0 47	21 10	21 8	19 14					n.a.
T 15	21 41	18 30	3 48	24 57	1 48	8 27	0 4	20 19	0 8	4 21	1 34	10 43	2 20	8 56	0 48	19 50	0 31	24 22	0 47	21 10	21 8	19 13					n.a.
W16	21 30	20 34	2 55	24 51	1 51	7 57	0n 1	20 29	0 7	4 22	1 35	10 44	2 20	8 57	0 48	19 51	0 31	24 22	0 47	21 10	21 9	19 12					n.a.
T 17	21 19	21 41	1 56	24 43	1 54	7 28	0 6	20 38	0 6	4 22	1 35	10 45	2 20	8 58	0 48	19 51	0 31	24 22	0 47	21 10	21 9	19 11					n.a.
F 18	21 8	21 48	0 52	24 33	1 56	6 58	0 11	20 48	0 5	4 23	1 35	10 45	2 21	8 58	0 48	19 51	0 31	24 22	0 47	21 11	21 10	19 10					n.a.
S 19	20 56	20 55	0n13	24 21	1 58	6 28	0 16	20 57	0 4	4 24	1 36	10 46	2 21	8 59	0 48	19 52	0 31	24 22	0 47	21 10	21 11	19 9					n.a.
S 20	20 44	19 7	1 18	24 8	2 0	5 58	0 21	21 6	0 3	4 25	1 36	10 47	2 21	9 0	0 48	19 52	0 31	24 22	0 47	21 11	21 11	19 8					n.a.
M21	20 31	16 31	2 20	23 53	2 1	5 28	0 27	21 15	0 3	4 26	1 36	10 47	2 21	9 0	0 48	19 53	0 31	24 22	0 47	21 11	21 12	19 7					n.a.
T 22	20 19	13 13	3 15	23 36	2 2	4 58	0 32	21 23	0 2	4 27	1 36	10 48	2 21	9 1	0 48	19 53	0 31	24 22	0 47	21 11	21 12	19 6					n.a.
W23	20 5	9 23	4 3	23 17	2 3	4 28	0 38	21 32	0 1	4 29	1 37	10 49	2 22	9 2	0 48	19 54	0 31	24 22	0 47	21 11	21 13	19 5					n.a.
T 24	19 52	5 9	4 40	22 56	2 3	3 58	0 43	21 40	0 0	4 30	1 37	10 49	2 22	9 2	0 48	19 54	0 31	24 22	0 47	21 11	21 14	19 4					n.a.
F 25	19 38	0 40	5 5	22 34	2 2	3 28	0 49	21 48	0s 1	4 31	1 37	10 50	2 22	9 3	0 48	19 54	0 31	24 22	0 47	21 11	21 14	19 3					n.a.
S 26	19 23	3s56	5 17	22 9	2 1	2 58	0 55	21 56	0 2	4 33	1 37	10 50	2 22	9 4	0 48	19 55	0 31	24 22	0 48	21 11	21 15	19 2					n.a.
S 27	19 9	8 29	5 13	21 43	2 0	2 28	1 0	22 4	0 3	4 34	1 38	10 50	2 22	9 5	0 49	19 55	0 31	24 22	0 48	21 11	21 15	19 1					n.a.
M28	18 54	12 47	4 54	21 15	1 58	1 57	1 6	22 11	0 4	4 36	1 38	10 51	2 23	9 5	0 49	19 56	0 31	24 22	0 48	21 11	21 16	19 0					n.a.
T 29	18 38	16 34	4 17	20 45	1 56	1 27	1 12	22 18	0 4	4 38	1 38	10 51	2 23	9 6	0 49	19 56	0 31	24 22	0 48	21 11	21 17	18 59					n.a.
W30	18 23	19 33	3 25	20 13	1 53	0 57	1 18	22 26	0 5	4 39	1 39	10 52	2 23	9 7	0 49	19 56	0 31	24 22	0 48	21 11	21 17	18 58					n.a.
T 31	18s 7	21s24	2n18	19s39	1s49	0s28	1n24	22s32	0s 6	4n41	1n39	10s52	2n23	9n 8	0n49	19n57	0n31	24n22	0n48	21n11	21n18	18n57					n.a.

Julian Day Number = 1703891.5, Delta T = 03h04m10s
Ecliptic obliquity = 23°41'58, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°43'34, Lahiri = - 4°36'33 Julian Calendar 1 Jan. 48 BCE == Greg. Calendar 30 Dec. 049 BCE

The year -47 astronomical counting style corresponds to year 048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 48 BCE
geocentric

FEBRUARY 48 BCE (-47) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 34 16	10♒20'01	15♉ 6	12♒ 1	26♓40	12♐26	22°R 1	4♏22	8°R42	4°R 4	24°R20	26♋ 1	25♋19	11♌19	n.a.	F 1
S 2	8 38 12	11°20'10	0♒11	13°55	27°40	13° 9	21♏56	4°24	8♏40	4♌ 3	24♊20	26°R 1	25°15	11°26	n.a.	S 2
S 3	8 42 9	12°20'16	15°24	15°50	28°39	13°52	21°52	4°25	8°38	4° 1	24°19	26° 0	25°12	11°32	n.a.	S 3
M 4	8 46 6	13°20'20	0♓37	17°46	29°38	14°35	21°48	4°26	8°35	4° 0	24°18	25°59	25° 9	11°39	n.a.	M 4
T 5	8 50 2	14°20'22	15°38	19°43	0♈37	15°18	21°43	4°27	8°33	3°58	24°17	25°57	25° 6	11°45	n.a.	T 5
W 6	8 53 59	15°20'22	0♈20	21°39	1°35	16° 0	21°38	4°28	8°31	3°56	24°16	25°54	25° 3	11°52	n.a.	W 6
T 7	8 57 55	16°20'20	14°38	23°36	2°33	16°43	21°33	4°28	8°28	3°55	24°16	25°51	24°59	11°59	n.a.	T 7
F 8	9 1 52	17°20'16	28°27	25°33	3°30	17°26	21°28	4°29	8°26	3°53	24°15	25°49	24°56	12° 5	n.a.	F 8
S 9	9 5 48	18°20'09	11♉49	27°30	4°26	18° 9	21°22	4°30	8°24	3°51	24°14	25°48	24°53	12°12	n.a.	S 9
S 10	9 9 45	19°20'00	24°46	29°25	5°22	18°52	21°17	4°30	8°21	3°50	24°14	25°D48	24°50	12°19	n.a.	S 10
M11	9 13 41	20°19'48	7♊21	1♓21	6°18	19°35	21°11	4°30	8°19	3°48	24°13	25°49	24°47	12°25	n.a.	M11
T 12	9 17 38	21°19'34	19°38	3°14	7°12	20°18	21° 6	4°31	8°17	3°47	24°12	25°51	24°44	12°32	n.a.	T 12
W13	9 21 35	22°19'18	1♋42	5° 7	8° 7	21° 1	21° 0	4°31	8°14	3°45	24°12	25°53	24°40	12°39	n.a.	W13
T 14	9 25 31	23°19'00	13°36	6°57	9° 0	21°44	20°54	4°R31	8°12	3°43	24°11	25°54	24°37	12°45	n.a.	T 14
F 15	9 29 28	24°18'39	25°26	8°45	9°53	22°27	20°48	4°31	8° 9	3°42	24°11	25°R55	24°34	12°52	n.a.	F 15
S 16	9 33 24	25°18'16	7♌13	10°30	10°45	23°10	20°41	4°31	8° 7	3°40	24°10	25°54	24°31	12°59	n.a.	S 16
S 17	9 37 21	26°17'51	19° 1	12°11	11°36	23°54	20°35	4°30	8° 4	3°39	24°10	25°52	24°28	13° 5	n.a.	S 17
M18	9 41 17	27°17'24	0♍52	13°49	12°27	24°37	20°29	4°30	8° 2	3°37	24° 9	25°48	24°24	13°12	n.a.	M18
T 19	9 45 14	28°16'54	12°48	15°22	13°17	25°20	20°22	4°29	7°59	3°36	24° 9	25°43	24°21	13°19	n.a.	T 19
W20	9 49 10	29°16'22	24°50	16°51	14° 6	26° 3	20°15	4°29	7°57	3°34	24° 8	25°37	24°18	13°25	n.a.	W20
T 21	9 53 7	0♓15'49	7♎ 1	18°14	14°54	26°46	20° 9	4°28	7°54	3°33	24° 8	25°31	24°15	13°32	n.a.	T 21
F 22	9 57 3	1°15'13	19°22	19°32	15°41	27°29	20° 2	4°27	7°51	3°31	24° 7	25°25	24°12	13°39	n.a.	F 22
S 23	10 1 0	2°14'36	1♏55	20°44	16°28	28°12	19°55	4°27	7°49	3°30	24° 7	25°20	24° 9	13°45	n.a.	S 23
S 24	10 4 57	3°13'56	14°43	21°49	17°13	28°56	19°48	4°26	7°46	3°29	24° 7	25°17	24° 5	13°52	n.a.	S 24
M25	10 8 53	4°13'15	27°48	22°48	17°58	29°39	19°41	4°25	7°44	3°27	24° 6	25°15	24° 2	13°59	n.a.	M25
T 26	10 12 50	5°12'32	11♐13	23°40	18°41	0♉22	19°33	4°24	7°41	3°26	24° 6	25°D15	23°59	14° 5	n.a.	T 26
W27	10 16 46	6°11'47	24°59	24°25	19°24	1° 5	19°26	4°22	7°39	3°24	24° 6	25°16	23°56	14°12	n.a.	W27
T 28	10 20 43	7♓11'01	9♉ 9	25♓ 3	20♈ 5	1♉48	19♏19	4♏21	7♏36	3♌23	24♊ 5	25♋17	23♋53	14♌19	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s51	21s50	1n 0	19s 3	1s45	0n 2	1n30	22s39	0s 7	4n43	1n39	10s52	2n23	9n 9	0n49	19n57	0n31	24n22	0n48	21n11	21n18	18n56		n.a.
S 2	17 34	20 42	0s23	18 26	1 40	0 32	1 37	22 45	0 8	4 45	1 39	10 52	2 24	9 10	0 49	19 58	0 31	24 22	0 48	21 10	21 19	18 55		n.a.
S 3	17 17	18 4	1 45	17 46	1 35	1 2	1 43	22 52	0 9	4 47	1 39	10 52	2 24	9 10	0 49	19 58	0 31	24 22	0 48	21 11	21 20	18 54		n.a.
M 4	17 0	14 11	3 0	17 5	1 29	1 31	1 49	22 58	0 10	4 49	1 40	10 53	2 24	9 11	0 49	19 58	0 31	24 22	0 48	21 11	21 20	18 53		n.a.
T 5	16 42	9 25	4 1	16 22	1 23	2 1	1 55	23 4	0 11	4 51	1 40	10 53	2 24	9 12	0 49	19 59	0 31	24 22	0 48	21 11	21 21	18 52		n.a.
W 6	16 25	4 13	4 45	15 38	1 15	2 30	2 2	23 9	0 12	4 53	1 40	10 53	2 25	9 13	0 49	19 59	0 31	24 22	0 48	21 12	21 21	18 51		n.a.
T 7	16 7	1n 4	5 10	14 52	1 8	2 59	2 8	23 15	0 13	4 55	1 40	10 53	2 25	9 14	0 49	20 0	0 31	24 23	0 48	21 12	21 22	18 50		n.a.
F 8	15 48	6 8	5 15	14 4	0 59	3 28	2 15	23 20	0 14	4 58	1 41	10 53	2 25	9 15	0 49	20 0	0 31	24 23	0 48	21 13	21 22	18 49		n.a.
S 9	15 30	10 44	5 4	13 16	0 50	3 56	2 21	23 25	0 15	5 0	1 41	10 53	2 25	9 16	0 49	20 0	0 31	24 23	0 48	21 13	21 23	18 48		n.a.
S 10	15 11	14 42	4 37	12 26	0 41	4 25	2 28	23 29	0 16	5 2	1 41	10 53	2 25	9 17	0 49	20 1	0 31	24 23	0 48	21 13	21 24	18 47		n.a.
M11	14 52	17 53	3 57	11 35	0 30	4 53	2 35	23 34	0 17	5 5	1 41	10 53	2 26	9 18	0 49	20 1	0 31	24 23	0 48	21 13	21 24	18 46		n.a.
T 12	14 33	20 11	3 7	10 44	0 20	5 21	2 41	23 38	0 18	5 7	1 41	10 53	2 26	9 19	0 49	20 2	0 31	24 23	0 48	21 12	21 25	18 44		n.a.
W13	14 13	21 32	2 9	9 52	0 8	5 49	2 48	23 42	0 19	5 10	1 42	10 52	2 26	9 20	0 49	20 2	0 31	24 23	0 48	21 12	21 25	18 43		n.a.
T 14	13 54	21 53	1 7	9 0	0n 4	6 17	2 55	23 46	0 20	5 12	1 42	10 52	2 26	9 20	0 49	20 2	0 31	24 23	0 48	21 12	21 26	18 42		n.a.
F 15	13 34	21 14	0 3	8 8	0 16	6 44	3 1	23 50	0 21	5 15	1 42	10 52	2 26	9 21	0 49	20 3	0 31	24 23	0 49	21 12	21 27	18 41		n.a.
S 16	13 14	19 40	1n 2	7 16	0 28	7 11	3 8	23 53	0 22	5 17	1 42	10 52	2 27	9 22	0 49	20 3	0 31	24 23	0 49	21 12	21 27	18 40		n.a.
S 17	12 53	17 14	2 3	6 26	0 41	7 37	3 15	23 56	0 23	5 20	1 42	10 52	2 27	9 23	0 49	20 4	0 31	24 23	0 49	21 12	21 28	18 39		n.a.
M18	12 33	14 5	3 0	5 36	0 54	8 4	3 22	23 59	0 24	5 23	1 42	10 51	2 27	9 24	0 49	20 4	0 31	24 23	0 49	21 13	21 28	18 38		n.a.
T 19	12 12	10 21	3 49	4 47	1 8	8 30	3 29	24 2	0 25	5 26	1 43	10 51	2 27	9 25	0 49	20 4	0 32	24 23	0 49	21 14	21 29	18 37		n.a.
W20	11 51	6 10	4 28	4 0	1 21	8 55	3 36	24 5	0 26	5 28	1 43	10 51	2 27	9 26	0 49	20 5	0 32	24 23	0 49	21 15	21 29	18 35		n.a.
T 21	11 30	1 42	4 55	3 16	1 34	9 20	3 42	24 7	0 27	5 31	1 43	10 50	2 28	9 27	0 49	20 5	0 32	24 23	0 49	21 16	21 30	18 34		n.a.
F 22	11 9	2s53	5 10	2 33	1 47	9 45	3 49	24 9	0 28	5 34	1 43	10 50	2 28	9 28	0 49	20 5	0 32	24 23	0 49	21 17	21 30	18 33		n.a.
S 23	10 47	7 26	5 9	1 53	2 0	10 10	3 56	24 11	0 29	5 37	1 43	10 49	2 28	9 29	0 49	20 6	0 32	24 23	0 49	21 18	21 31	18 32		n.a.
S 24	10 26	11 45	4 54	1 16	2 12	10 34	4 3	24 12	0 30	5 40	1 43	10 49	2 28	9 30	0 49	20 6	0 32	24 23	0 49	21 19	21 32	18 31		n.a.
M25	10 4	15 37	4 23	0 42	2 24	10 57	4 10	24 14	0 32	5 43	1 43	10 48	2 28	9 31	0 49	20 6	0 32	24 23	0 49	21 19	21 32	18 30		n.a.
T 26	9 42	18 47	3 37	0 11	2 35	11 21	4 16	24 15	0 33	5 46	1 43	10 48	2 29	9 32	0 49	20 7	0 32	24 23	0 49	21 19	21 33	18 29		n.a.
W27	9 20	20 59	2 37	0n17	2 45	11 43	4 23	24 16	0 34	5 49	1 44	10 47	2 29	9 33	0 49	20 7	0 32	24 23	0 49	21 19	21 33	18 27		n.a.
T 28	8s58	21s56	1n27	0n41	2n55	12n 5	4n30	24s16	0s35	5n52	1n44	10s46	2n29	9n34	0n49	20n 7	0n32	24n23	0n49	21n19	21n34	18n26		n.a.

Julian Day Number = 1703922.5, Delta T = 03h04m09s
Ecliptic obliquity = 23°41'59, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°43'29, Lahiri = - 4°36'29 Julian Calendar 1 Feb. 48 BCE == Greg. Calendar 30 Jan. 048 BCE

The year -47 astronomical counting style corresponds to year 048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 48 BCE
geocentric

MARCH 48 BCE (-47) JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 24 39	8♓10'12	23♉40	25♓34	20♈45	2♉32	19°R11	4°R20	7°R33	3°R22	24°R 5	25°R18	23♋50	14♌25	n.a.	F 1
S 2	10 28 36	9° 9'22	8♒31	25°57	21°24	3°15	19♍ 4	4♏18	7♍31	3♌20	24♊ 5	25♋18	23°46	14°32	n.a.	S 2
S 3	10 32 32	10° 8'29	23°34	26°12	22° 2	3°58	18°56	4°16	7°28	3°19	24° 5	25°15	23°43	14°38	n.a.	S 3
M 4	10 36 29	11° 7'35	8♓42	26°21	22°39	4°41	18°49	4°15	7°26	3°18	24° 5	25°10	23°40	14°45	n.a.	M 4
T 5	10 40 26	12° 6'38	23°44	26°R22	23°14	5°24	18°41	4°13	7°23	3°17	24° 4	25° 4	23°37	14°52	n.a.	T 5
W 6	10 44 22	13° 5'39	8♈32	26°17	23°48	6° 8	18°34	4°11	7°20	3°15	24° 4	24°56	23°34	14°58	n.a.	W 6
T 7	10 48 19	14° 4'38	22°58	26° 4	24°21	6°51	18°26	4° 9	7°18	3°14	24° 4	24°49	23°30	15° 5	n.a.	T 7
F 8	10 52 15	15° 3'34	6♉57	25°46	24°52	7°34	18°18	4° 7	7°15	3°13	24° 4	24°42	23°27	15°12	n.a.	F 8
S 9	10 56 12	16° 2'28	20°26	25°22	25°21	8°17	18°11	4° 5	7°13	3°12	24° 4	24°37	23°24	15°18	n.a.	S 9
S 10	11 0 8	17° 1'20	3♊28	24°52	25°49	9° 1	18° 3	4° 3	7°10	3°11	24°D 4	24°34	23°21	15°25	n.a.	S 10
M11	11 4 5	18° 0'10	16° 6	24°18	26°16	9°44	17°55	4° 0	7° 8	3°10	24° 4	24°D33	23°18	15°32	n.a.	M11
T 12	11 8 1	18°58'57	28°23	23°40	26°40	10°27	17°47	3°58	7° 5	3° 9	24° 4	24°33	23°15	15°38	n.a.	T 12
W13	11 11 58	19°57'42	10♋25	22°59	27° 3	11°10	17°40	3°55	7° 3	3° 8	24° 4	24°34	23°11	15°45	n.a.	W13
T 14	11 15 54	20°56'24	22°17	22°16	27°24	11°54	17°32	3°53	7° 0	3° 7	24° 4	24°R35	23° 8	15°52	n.a.	T 14
F 15	11 19 51	21°55'04	4♌ 4	21°32	27°44	12°37	17°24	3°50	6°58	3° 6	24° 4	24°35	23° 5	15°58	n.a.	F 15
S 16	11 23 48	22°53'42	15°51	20°47	28° 1	13°20	17°17	3°47	6°55	3° 5	24° 5	24°32	23° 2	16° 5	n.a.	S 16
S 17	11 27 44	23°52'18	27°41	20° 2	28°16	14° 3	17° 9	3°45	6°53	3° 4	24° 5	24°27	22°59	16°12	n.a.	S 17
M18	11 31 41	24°50'51	9♍38	19°18	28°29	14°46	17° 2	3°42	6°50	3° 3	24° 5	24°20	22°56	16°18	n.a.	M18
T 19	11 35 37	25°49'23	21°42	18°37	28°40	15°30	16°54	3°39	6°48	3° 2	24° 5	24°10	22°52	16°25	n.a.	T 19
W20	11 39 34	26°47'52	3♎56	17°58	28°49	16°13	16°46	3°36	6°45	3° 1	24° 5	23°59	22°49	16°32	n.a.	W20
T 21	11 43 30	27°46'19	16°21	17°22	28°55	16°56	16°39	3°33	6°43	3° 0	24° 6	23°48	22°46	16°38	n.a.	T 21
F 22	11 47 27	28°44'45	28°57	16°50	28°59	17°39	16°32	3°29	6°41	2°59	24° 6	23°37	22°43	16°45	n.a.	F 22
S 23	11 51 23	29°43'09	11♏45	16°21	29°R 1	18°22	16°24	3°26	6°38	2°59	24° 6	23°27	22°40	16°52	n.a.	S 23
S 24	11 55 20	0♈41'31	24°44	15°58	29° 1	19° 5	16°17	3°23	6°36	2°58	24° 7	23°20	22°36	16°58	n.a.	S 24
M25	11 59 17	1°39'51	7♐56	15°39	28°58	19°49	16°10	3°19	6°34	2°57	24° 7	23°15	22°33	17° 5	n.a.	M25
T 26	12 3 13	2°38'10	21°23	15°24	28°53	20°32	16° 3	3°16	6°32	2°57	24° 7	23°13	22°30	17°12	n.a.	T 26
W27	12 7 10	3°36'27	5♑ 5	15°15	28°45	21°15	15°55	3°12	6°29	2°56	24° 8	23°D12	22°27	17°18	n.a.	W27
T 28	12 11 6	4°34'42	19° 4	15°D11	28°35	21°58	15°48	3° 9	6°27	2°55	24° 8	23°R12	22°24	17°25	n.a.	T 28
F 29	12 15 3	5°32'56	3♒19	15°12	28°22	22°41	15°42	3° 5	6°25	2°55	24° 9	23°12	22°21	17°32	n.a.	F 29
S 30	12 18 59	6°31'09	17°50	15°17	28° 7	23°24	15°35	3° 2	6°23	2°54	24° 9	23°10	22°17	17°38	n.a.	S 30
S 31	12 22 56	7♈29'19	2♓32	15♓28	27♈50	24♉ 7	15♍28	2♏58	6♍21	2♌54	24♊10	23♋ 6	22♋14	17♌45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8s36	21s27	0n 9	1n 1	3n 3	12n27	4n37	24s17	0s36	5n55	1n44	10s46	2n29	9n35	0n49	20n 8	0n32	24n23	0n49	21n18	21n34	18n25		n.a.
S 2	8 13	19 28	1s11	1 17	3 11	12 48	4 43	24 17	0 37	5 58	1 44	10 45	2 29	9 36	0 49	20 8	0 32	24 23	0 49	21 19	21 35	18 24		n.a.
S 3	7 51	16 7	2 27	1 29	3 17	13 9	4 50	24 17	0 38	6 1	1 44	10 44	2 30	9 37	0 49	20 8	0 32	24 23	0 49	21 19	21 36	18 23		n.a.
M 4	7 28	11 41	3 33	1 37	3 22	13 29	4 56	24 16	0 40	6 4	1 44	10 44	2 30	9 38	0 49	20 9	0 32	24 23	0 49	21 20	21 36	18 21		n.a.
T 5	7 6	6 32	4 24	1 41	3 26	13 48	5 3	24 16	0 41	6 7	1 44	10 43	2 30	9 39	0 49	20 9	0 32	24 23	0 49	21 21	21 37	18 20		n.a.
W 6	6 43	1 6	4 56	1 41	3 28	14 7	5 9	24 15	0 42	6 10	1 44	10 42	2 30	9 40	0 49	20 9	0 32	24 23	0 49	21 23	21 37	18 19		n.a.
T 7	6 20	4n16	5 8	1 37	3 29	14 25	5 15	24 14	0 43	6 13	1 44	10 41	2 30	9 41	0 49	20 9	0 32	24 23	0 49	21 24	21 38	18 18		n.a.
F 8	5 57	9 15	5 1	1 29	3 29	14 42	5 22	24 13	0 44	6 16	1 44	10 40	2 30	9 42	0 49	20 10	0 32	24 23	0 49	21 25	21 38	18 17		n.a.
S 9	5 34	13 36	4 37	1 17	3 26	14 59	5 28	24 12	0 45	6 19	1 44	10 39	2 31	9 43	0 49	20 10	0 32	24 23	0 50	21 26	21 39	18 15		n.a.
S 10	5 11	17 9	4 0	1 2	3 22	15 15	5 34	24 10	0 47	6 22	1 44	10 38	2 31	9 44	0 49	20 10	0 32	24 23	0 50	21 27	21 39	18 14		n.a.
M11	4 48	19 47	3 12	0 43	3 17	15 30	5 40	24 8	0 48	6 25	1 44	10 38	2 31	9 45	0 49	20 10	0 32	24 23	0 50	21 27	21 40	18 13		n.a.
T 12	4 24	21 25	2 16	0 22	3 10	15 45	5 45	24 6	0 49	6 28	1 44	10 37	2 31	9 46	0 49	20 11	0 32	24 24	0 50	21 27	21 40	18 12		n.a.
W13	4 1	22 2	1 16	0s 3	3 1	15 58	5 51	24 3	0 50	6 31	1 44	10 36	2 31	9 46	0 49	20 11	0 32	24 24	0 50	21 26	21 41	18 10		n.a.
T 14	3 38	21 38	0 12	0 29	2 51	16 11	5 56	24 1	0 51	6 34	1 44	10 35	2 31	9 47	0 49	20 11	0 32	24 24	0 50	21 26	21 42	18 9		n.a.
F 15	3 14	20 16	0n51	0 57	2 39	16 23	6 1	23 58	0 53	6 37	1 44	10 34	2 32	9 48	0 49	20 11	0 32	24 24	0 50	21 26	21 42	18 8		n.a.
S 16	2 51	18 2	1 52	1 27	2 27	16 34	6 6	23 55	0 54	6 40	1 44	10 32	2 32	9 49	0 49	20 12	0 32	24 24	0 50	21 27	21 43	18 7		n.a.
S 17	2 28	15 1	2 48	1 57	2 13	16 44	6 11	23 52	0 55	6 43	1 44	10 31	2 32	9 50	0 49	20 12	0 32	24 24	0 50	21 28	21 43	18 6		n.a.
M18	2 4	11 23	3 37	2 28	1 58	16 53	6 15	23 48	0 56	6 46	1 44	10 30	2 32	9 51	0 49	20 12	0 32	24 24	0 50	21 29	21 44	18 4		n.a.
T 19	1 41	7 15	4 17	2 59	1 43	17 0	6 19	23 45	0 58	6 49	1 44	10 29	2 32	9 52	0 49	20 12	0 32	24 24	0 50	21 31	21 44	18 3		n.a.
W20	1 17	2 46	4 45	3 29	1 27	17 7	6 23	23 41	0 59	6 52	1 44	10 28	2 32	9 53	0 49	20 12	0 32	24 24	0 50	21 33	21 45	18 2		n.a.
T 21	0 54	1s53	5 1	3 58	1 11	17 13	6 27	23 36	1 0	6 55	1 44	10 27	2 32	9 54	0 49	20 13	0 32	24 24	0 50	21 35	21 45	18 0		n.a.
F 22	0 30	6 31	5 2	4 25	0 55	17 17	6 30	23 32	1 1	6 58	1 44	10 26	2 32	9 55	0 49	20 13	0 32	24 24	0 50	21 37	21 46	17 59		n.a.
S 23	0 7	10 57	4 48	4 51	0 38	17 21	6 33	23 27	1 3	7 1	1 44	10 24	2 33	9 55	0 49	20 13	0 32	24 24	0 50	21 38	21 46	17 58		n.a.
S 24	0n17	14 58	4 19	5 16	0 22	17 23	6 35	23 23	1 4	7 4	1 44	10 23	2 33	9 56	0 49	20 13	0 32	24 24	0 50	21 40	21 47	17 57		n.a.
M25	0 40	18 19	3 36	5 38	0 6	17 23	6 37	23 18	1 5	7 6	1 44	10 22	2 33	9 57	0 49	20 13	0 32	24 24	0 50	21 40	21 47	17 55		n.a.
T 26	1 4	20 45	2 41	5 58	0s10	17 23	6 39	23 12	1 6	7 9	1 44	10 21	2 33	9 58	0 49	20 13	0 32	24 24	0 50	21 41	21 48	17 54		n.a.
W27	1 27	22 1	1 35	6 15	0 25	17 21	6 40	23 7	1 8	7 12	1 43	10 19	2 33	9 59	0 49	20 14	0 32	24 24	0 50	21 41	21 48	17 53		n.a.
T 28	1 50	21 58	0 22	6 30	0 40	17 18	6 40	23 1	1 9	7 14	1 43	10 18	2 33	10 0	0 49	20 14	0 32	24 24	0 50	21 41	21 49	17 51		n.a.
F 29	2 14	20 30	0s53	6 43	0 54	17 13	6 40	22 55	1 10	7 17	1 43	10 17	2 33	10 0	0 49	20 14	0 31	24 24	0 50	21 41	21 49	17 50		n.a.
S 30	2 37	17 40	2 7	6 53	1 7	17 7	6 39	22 49	1 12	7 20	1 43	10 15	2 33	10 1	0 49	20 14	0 31	24 25	0 50	21 41	21 50	17 49		n.a.
S 31	3n 0	13s40	3s12	7s 1	1s20	16n59	6n38	22s43	1s13	7n22	1n43	10s14	2n33	10n 2	0n49	20n14	0n31	24n25	0n51	21n42	21n51	17n47		n.a.

Julian Day Number = 1703950.5, Delta T = 03h04m08s
Ecliptic obliquity = 23°42'00, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°43'25, Lahiri = - 4°36'25 Julian Calendar 1 March 48 BCE == Greg. Calendar 27 Feb. 048 BCE

The year -47 astronomical counting style corresponds to year 048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 48 BCE
geocentric

APRIL 48 BCE (-47) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 26 52	8♈27'28	17♓20	15♓43	27°R30	24♉50	15°R21	2°R54	6°R19	2°R53	24♊10	22°R59	22♋11	17♌52	n.a.	M 1
T 2	12 30 49	9°25'36	2♈ 7	16° 3	27♈ 8	25°33	15♍15	2♏50	6♍17	2♌53	24°11	22♋49	22° 8	17°58	n.a.	T 2
W 3	12 34 45	10°23'41	16°45	16°27	26°44	26°16	15° 8	2°46	6°15	2°52	24°11	22°38	22° 5	18° 5	n.a.	W 3
T 4	12 38 42	11°21'45	1♉ 5	16°56	26°17	26°59	15° 2	2°42	6°13	2°52	24°12	22°27	22° 1	18°11	n.a.	T 4
F 5	12 42 39	12°19'47	15° 2	17°28	25°49	27°42	14°56	2°38	6°11	2°51	24°12	22°16	21°58	18°18	n.a.	F 5
S 6	12 46 35	13°17'47	28°32	18° 5	25°19	28°25	14°50	2°34	6° 9	2°51	24°13	22° 8	21°55	18°25	n.a.	S 6
S 7	12 50 32	14°15'45	11♊37	18°45	24°47	29° 8	14°44	2°30	6° 7	2°51	24°14	22° 2	21°52	18°31	n.a.	S 7
M 8	12 54 28	15°13'42	24°17	19°30	24°14	29°51	14°38	2°26	6° 5	2°50	24°14	21°59	21°49	18°38	n.a.	M 8
T 9	12 58 25	16°11'36	6♋36	20°17	23°39	0♒34	14°32	2°22	6° 3	2°50	24°15	21°57	21°46	18°45	n.a.	T 9
W10	13 2 21	17° 9'29	18°39	21° 8	23° 3	1°17	14°27	2°18	6° 2	2°50	24°16	21°57	21°42	18°51	n.a.	W10
T 11	13 6 18	18° 7'20	0♌33	22° 3	22°27	1°59	14°21	2°14	6° 0	2°50	24°17	21°57	21°39	18°58	n.a.	T 11
F 12	13 10 14	19° 5'09	12°21	23° 0	21°49	2°42	14°16	2° 9	5°58	2°50	24°17	21°56	21°36	19° 5	n.a.	F 12
S 13	13 14 11	20° 2'56	24°10	24° 1	21°11	3°25	14°11	2° 5	5°57	2°50	24°18	21°53	21°33	19°11	n.a.	S 13
S 14	13 18 8	21° 0'41	6♍ 4	25° 4	20°33	4° 7	14° 6	2° 1	5°55	2°49	24°19	21°47	21°30	19°18	n.a.	S 14
M15	13 22 4	21°58'24	18° 6	26°11	19°55	4°50	14° 1	1°57	5°53	2°49	24°20	21°39	21°27	19°25	n.a.	M15
T 16	13 26 1	22°56'06	0♎20	27°20	19°18	5°33	13°56	1°52	5°52	2°D49	24°21	21°28	21°23	19°31	n.a.	T 16
W17	13 29 57	23°53'46	12°47	28°32	18°41	6°15	13°52	1°48	5°50	2°49	24°22	21°16	21°20	19°38	n.a.	W17
T 18	13 33 54	24°51'25	25°28	29°46	18° 4	6°58	13°48	1°44	5°49	2°49	24°23	21° 3	21°17	19°45	n.a.	T 18
F 19	13 37 50	25°49'03	8♏23	1♈ 4	17°29	7°40	13°43	1°39	5°48	2°49	24°23	20°50	21°14	19°51	n.a.	F 19
S 20	13 41 47	26°46'39	21°31	2°23	16°55	8°23	13°39	1°35	5°46	2°50	24°24	20°39	21°11	19°58	n.a.	S 20
S 21	13 45 43	27°44'14	4♐50	3°45	16°23	9° 5	13°35	1°30	5°45	2°50	24°25	20°31	21° 7	20° 5	n.a.	S 21
M22	13 49 40	28°41'48	18°19	5°10	15°52	9°47	13°32	1°26	5°44	2°50	24°26	20°25	21° 4	20°11	n.a.	M22
T 23	13 53 37	29°39'21	1♑59	6°37	15°23	10°30	13°28	1°21	5°43	2°50	24°27	20°22	21° 1	20°18	n.a.	T 23
W24	13 57 33	0♒36'52	15°48	8° 6	14°55	11°12	13°25	1°17	5°41	2°50	24°28	20°D21	20°58	20°25	n.a.	W24
T 25	14 1 30	1°34'23	29°46	9°38	14°30	11°54	13°22	1°13	5°40	2°51	24°29	20°R21	20°55	20°31	n.a.	T 25
F 26	14 5 26	2°31'53	13♓53	11°12	14° 7	12°36	13°18	1° 8	5°39	2°51	24°30	20°21	20°52	20°38	n.a.	F 26
S 27	14 9 23	3°29'22	28° 9	12°49	13°47	13°18	13°16	1° 4	5°38	2°51	24°32	20°19	20°48	20°45	n.a.	S 27
S 28	14 13 19	4°26'50	12♈30	14°27	13°28	14° 0	13°13	0°59	5°37	2°52	24°33	20°15	20°45	20°51	n.a.	S 28
M29	14 17 16	5°24'18	26°54	16° 9	13°12	14°42	13°10	0°55	5°36	2°52	24°34	20° 8	20°42	20°58	n.a.	M29
T 30	14 21 12	6♉21'44	11♈16	17♈52	12♈58	15♓24	13♍ 8	0♏50	5♍36	2♌53	24♊35	19♋59	20♋39	21♌ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3n23	8s49	4s 6	7s 6	1s31	16n50	6n36	22s37	1s14	7n25	1n43	10s13	2n33	10n 3	0n49	20n14	0n31	24n25	0n51	21n43	21n51	17n46		n.a.
T 2	3 46	3 27	4 42	7 8	1 43	16 39	6 33	22 30	1 16	7 27	1 43	10 11	2 34	10 3	0 49	20 14	0 31	24 25	0 51	21 45	21 52	17 45		n.a.
W 3	4 10	2n 2	5 0	7 8	1 53	16 27	6 30	22 23	1 17	7 29	1 43	10 10	2 34	10 4	0 48	20 14	0 31	24 25	0 51	21 47	21 52	17 43		n.a.
T 4	4 33	7 19	4 58	7 6	2 3	16 14	6 26	22 16	1 18	7 32	1 42	10 8	2 34	10 5	0 48	20 15	0 31	24 25	0 51	21 48	21 53	17 42		n.a.
F 5	4 55	12 5	4 38	7 1	2 11	15 59	6 21	22 9	1 20	7 34	1 42	10 7	2 34	10 6	0 48	20 15	0 31	24 25	0 51	21 50	21 53	17 41		n.a.
S 6	5 18	16 6	4 3	6 54	2 20	15 43	6 16	22 1	1 21	7 36	1 42	10 5	2 34	10 6	0 48	20 15	0 31	24 25	0 51	21 52	21 54	17 39		n.a.
S 7	5 41	19 11	3 16	6 45	2 27	15 25	6 10	21 54	1 22	7 38	1 42	10 4	2 34	10 7	0 48	20 15	0 31	24 25	0 51	21 53	21 54	17 38		n.a.
M 8	6 4	21 14	2 21	6 33	2 33	15 6	6 3	21 46	1 24	7 41	1 42	10 3	2 34	10 8	0 48	20 15	0 31	24 25	0 51	21 53	21 55	17 37		n.a.
T 9	6 26	22 12	1 20	6 19	2 39	14 46	5 55	21 38	1 25	7 43	1 42	10 1	2 34	10 8	0 48	20 15	0 31	24 25	0 51	21 53	21 55	17 35		n.a.
W10	6 49	22 6	0 17	6 4	2 44	14 25	5 47	21 30	1 26	7 45	1 41	10 0	2 34	10 9	0 48	20 15	0 31	24 25	0 51	21 53	21 56	17 34		n.a.
T 11	7 11	20 59	0n45	5 46	2 48	14 2	5 38	21 21	1 28	7 47	1 41	9 58	2 34	10 9	0 48	20 15	0 31	24 25	0 51	21 53	21 56	17 33		n.a.
F 12	7 33	18 58	1 46	5 26	2 52	13 39	5 28	21 13	1 29	7 48	1 41	9 57	2 34	10 10	0 48	20 15	0 31	24 26	0 51	21 54	21 57	17 31		n.a.
S 13	7 55	16 9	2 42	5 4	2 55	13 15	5 18	21 4	1 31	7 50	1 41	9 55	2 34	10 11	0 48	20 15	0 31	24 26	0 51	21 54	21 57	17 30		n.a.
S 14	8 17	12 39	3 31	4 41	2 57	12 50	5 7	20 55	1 32	7 52	1 41	9 54	2 34	10 11	0 48	20 15	0 31	24 26	0 51	21 55	21 58	17 29		n.a.
M15	8 39	8 36	4 11	4 15	2 58	12 25	4 55	20 46	1 33	7 54	1 40	9 52	2 34	10 12	0 48	20 15	0 31	24 26	0 51	21 56	21 58	17 27		n.a.
T 16	9 1	4 9	4 40	3 48	2 59	11 59	4 43	20 37	1 35	7 55	1 40	9 51	2 34	10 12	0 48	20 15	0 31	24 26	0 51	21 58	21 59	17 26		n.a.
W17	9 22	0s33	4 57	3 20	2 59	11 34	4 31	20 28	1 36	7 57	1 40	9 49	2 34	10 13	0 48	20 15	0 31	24 26	0 51	22 0	21 59	17 24		n.a.
T 18	9 44	5 19	4 59	2 49	2 59	11 8	4 18	20 18	1 37	7 58	1 40	9 48	2 34	10 13	0 48	20 15	0 31	24 26	0 51	22 2	22 0	17 23		n.a.
F 19	10 5	9 56	4 46	2 17	2 57	10 42	4 5	20 9	1 39	8 0	1 40	9 46	2 34	10 14	0 48	20 15	0 31	24 26	0 51	22 4	22 0	17 22		n.a.
S 20	10 26	14 11	4 18	1 43	2 56	10 16	3 51	19 59	1 40	8 1	1 39	9 45	2 34	10 14	0 48	20 15	0 31	24 26	0 51	22 6	22 1	17 20		n.a.
S 21	10 47	17 48	3 36	1 8	2 53	9 51	3 37	19 49	1 42	8 3	1 39	9 43	2 34	10 15	0 48	20 15	0 31	24 26	0 51	22 7	22 1	17 19		n.a.
M22	11 8	20 31	2 41	0 31	2 50	9 26	3 23	19 39	1 43	8 4	1 39	9 42	2 34	10 15	0 48	20 15	0 31	24 26	0 51	22 8	22 2	17 17		n.a.
T 23	11 28	22 5	1 36	0n 7	2 46	9 1	3 9	19 28	1 44	8 5	1 39	9 40	2 34	10 15	0 48	20 15	0 31	24 26	0 52	22 8	22 2	17 16		n.a.
W24	11 49	22 21	0 24	0 46	2 42	8 37	2 55	19 18	1 46	8 6	1 38	9 38	2 34	10 16	0 48	20 15	0 31	24 27	0 52	22 8	22 3	17 14		n.a.
T 25	12 9	21 14	0s50	1 27	2 37	8 15	2 41	19 7	1 47	8 7	1 38	9 37	2 34	10 16	0 48	20 15	0 31	24 27	0 52	22 8	22 3	17 13		n.a.
F 26	12 29	18 46	2 1	2 9	2 32	7 53	2 27	18 57	1 49	8 8	1 38	9 35	2 34	10 17	0 48	20 15	0 31	24 27	0 52	22 8	22 4	17 12		n.a.
S 27	12 49	15 9	3 6	2 53	2 26	7 32	2 13	18 46	1 50	8 9	1 38	9 34	2 34	10 17	0 48	20 15	0 31	24 27	0 52	22 9	22 4	17 10		n.a.
S 28	13 8	10 37	3 59	3 37	2 19	7 12	1 59	18 35	1 51	8 10	1 37	9 32	2 34	10 17	0 48	20 14	0 31	24 27	0 52	22 9	22 5	17 9		n.a.
M29	13 28	5 29	4 38	4 23	2 12	6 53	1 45	18 24	1 53	8 11	1 37	9 31	2 34	10 18	0 48	20 14	0 31	24 27	0 52	22 10	22 5	17 7		n.a.
T 30	13n47	0s 4	4s58	5n10	2s 5	6n35	1n32	18s13	1s54	8n11	1n37	9s29	2n34	10n18	0n48	20n14	0n31	24n27	0n52	22n12	22n 6	17n 6		n.a.

Julian Day Number = 1703981.5, Delta T = 03h04m07s
Ecliptic obliquity = 23°42'00, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°43'21, Lahiri = - 4°36'21 Julian Calendar 1 Apr. 48 BCE == Greg. Calendar 30 March 048 BCE

The year -47 astronomical counting style corresponds to year 048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 48 BCE
geocentric

MAY 48 BCE (-47) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 25 9	7♉19'09	25♈31	19♈38	12°R47	16♒ 6	13°R 6	0°R46	5°R35	2♌53	24♊36	19°R48	20♋36	21♌11	n.a.	W 1
T 2	14 29 6	8°16'34	9♉32	21°26	12♈38	16°48	13♍ 4	0♏42	5♍34	2°53	24°37	19♋37	20°32	21°18	n.a.	T 2
F 3	14 33 2	9°13'57	23°14	23°16	12°32	17°29	13° 2	0°37	5°33	2°54	24°38	19°27	20°29	21°25	n.a.	F 3
S 4	14 36 59	10°11'19	6♊36	25° 9	12°28	18°11	13° 0	0°33	5°33	2°55	24°40	19°19	20°26	21°31	n.a.	S 4
S 5	14 40 55	11° 8'41	19°35	27° 4	12°D26	18°52	12°59	0°29	5°32	2°55	24°41	19°13	20°23	21°38	n.a.	S 5
M 6	14 44 52	12° 6'01	2♋12	29° 1	12°27	19°34	12°57	0°24	5°32	2°56	24°42	19° 9	20°20	21°45	n.a.	M 6
T 7	14 48 48	13° 3'20	14°31	1♌ 0	12°30	20°15	12°56	0°20	5°31	2°56	24°43	19°D 8	20°17	21°51	n.a.	T 7
W 8	14 52 45	14° 0'38	26°36	3° 1	12°35	20°56	12°55	0°16	5°31	2°57	24°45	19° 8	20°13	21°58	n.a.	W 8
T 9	14 56 41	14°57'55	8♌30	5° 4	12°42	21°38	12°55	0°12	5°30	2°58	24°46	19° 9	20°10	22° 5	n.a.	T 9
F 10	15 0 38	15°55'11	20°20	7° 9	12°52	22°19	12°54	0° 7	5°30	2°59	24°47	19°R 9	20° 7	22°11	n.a.	F 10
S 11	15 4 35	16°52'26	2♍11	9°15	13° 3	23° 0	12°54	0° 3	5°30	2°59	24°48	19° 8	20° 4	22°18	n.a.	S 11
S 12	15 8 31	17°49'40	14° 7	11°23	13°17	23°41	12°54	29♎59	5°29	3° 0	24°50	19° 4	20° 1	22°25	n.a.	S 12
M13	15 12 28	18°46'53	26°14	13°33	13°33	24°21	12°D54	29°55	5°29	3° 1	24°51	18°59	19°58	22°31	n.a.	M13
T 14	15 16 24	19°44'05	8♎35	15°43	13°50	25° 2	12°54	29°51	5°29	3° 2	24°52	18°51	19°54	22°38	n.a.	T 14
W15	15 20 21	20°41'16	21°12	17°54	14°10	25°43	12°54	29°47	5°29	3° 3	24°54	18°42	19°51	22°45	n.a.	W15
T 16	15 24 17	21°38'26	4♏ 7	20° 5	14°31	26°23	12°55	29°43	5°D29	3° 4	24°55	18°32	19°48	22°51	n.a.	T 16
F 17	15 28 14	22°35'36	17°20	22°17	14°54	27° 4	12°55	29°39	5°29	3° 5	24°57	18°23	19°45	22°58	n.a.	F 17
S 18	15 32 10	23°32'46	0♐49	24°28	15°18	27°44	12°56	29°35	5°29	3° 6	24°58	18°15	19°42	23° 5	n.a.	S 18
S 19	15 36 7	24°29'54	14°32	26°40	15°44	28°24	12°57	29°31	5°29	3° 7	24°59	18° 9	19°38	23°11	n.a.	S 19
M20	15 40 4	25°27'03	28°26	28°50	16°12	29° 5	12°58	29°28	5°29	3° 8	25° 1	18° 5	19°35	23°18	n.a.	M20
T 21	15 44 0	26°24'11	12♑27	1♊ 0	16°41	29°45	13° 0	29°24	5°29	3° 9	25° 2	18°D 3	19°32	23°25	n.a.	T 21
W22	15 47 57	27°21'19	26°34	3° 9	17°12	0♓24	13° 1	29°20	5°30	3°10	25° 4	18° 3	19°29	23°31	n.a.	W22
T 23	15 51 53	28°18'27	10♒43	5°16	17°44	1° 4	13° 3	29°17	5°30	3°11	25° 5	18° 4	19°26	23°38	n.a.	T 23
F 24	15 55 50	29°15'35	24°54	7°23	18°18	1°44	13° 5	29°13	5°30	3°12	25° 7	18°R 5	19°23	23°45	n.a.	F 24
S 25	15 59 46	0♊12'43	9♓ 4	9°27	18°53	2°23	13° 7	29°10	5°31	3°14	25° 8	18° 5	19°19	23°51	n.a.	S 25
S 26	16 3 43	1° 9'51	23°12	11°30	19°29	3° 3	13° 9	29° 6	5°31	3°15	25°10	18° 3	19°16	23°58	n.a.	S 26
M27	16 7 39	2° 6'59	7♈16	13°31	20° 6	3°42	13°12	29° 3	5°32	3°16	25°11	17°59	19°13	24° 5	n.a.	M27
T 28	16 11 36	3° 4'07	21°13	15°30	20°44	4°21	13°15	29° 0	5°33	3°17	25°13	17°53	19°10	24°11	n.a.	T 28
W29	16 15 33	4° 1'15	5♉ 0	17°28	21°24	5° 0	13°17	28°56	5°33	3°19	25°14	17°47	19° 7	24°18	n.a.	W29
T 30	16 19 29	4°58'23	18°36	19°23	22° 4	5°39	13°20	28°53	5°34	3°20	25°16	17°40	19° 4	24°25	n.a.	T 30
F 31	16 23 26	5♊55'31	1♊56	21♊16	22♈46	6♓18	13♍23	28♎50	5♍35	3♌21	25♊17	17♋33	19♋ 0	24♌31	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	14n 6	5n19	5s 0	5n58	1s57	6n18	1n18	18s 1	1s56	8n12	1n37	9s28	2n34	10n18	0n48	20n14	0n31	24n27	0n52	22n13	22n 6	17n 4			n.a.
T 2	14 25	10 20	4 44	6 46	1 48	6 3	1 5	17 50	1 57	8 12	1 36	9 27	2 34	10 18	0 48	20 14	0 31	24 27	0 52	22 15	22 7	17 3			n.a.
F 3	14 44	14 44	4 12	7 36	1 40	5 48	0 52	17 38	1 59	8 13	1 36	9 25	2 34	10 19	0 47	20 14	0 31	24 27	0 52	22 16	22 7	17 1			n.a.
S 4	15 2	18 16	3 26	8 26	1 30	5 35	0 40	17 27	2 0	8 13	1 36	9 24	2 34	10 19	0 47	20 14	0 31	24 27	0 52	22 18	22 8	17 0			n.a.
S 5	15 20	20 47	2 31	9 17	1 21	5 24	0 28	17 15	2 1	8 14	1 36	9 22	2 33	10 19	0 47	20 14	0 31	24 28	0 52	22 18	22 8	16 58			n.a.
M 6	15 38	22 12	1 29	10 8	1 11	5 13	0 16	17 3	2 3	8 14	1 35	9 21	2 33	10 19	0 47	20 13	0 31	24 28	0 52	22 19	22 9	16 57			n.a.
T 7	15 56	22 29	0 25	11 0	1 1	5 4	0 5	16 51	2 4	8 14	1 35	9 19	2 33	10 19	0 47	20 13	0 31	24 28	0 52	22 19	22 9	16 55			n.a.
W 8	16 13	21 43	0n40	11 52	0 50	4 55	0s 7	16 39	2 6	8 14	1 35	9 18	2 33	10 19	0 47	20 13	0 31	24 28	0 52	22 19	22 9	16 54			n.a.
T 9	16 30	19 58	1 42	12 44	0 40	4 48	0 17	16 27	2 7	8 14	1 35	9 17	2 33	10 19	0 47	20 13	0 31	24 28	0 52	22 19	22 10	16 52			n.a.
F 10	16 47	17 22	2 39	13 36	0 29	4 43	0 28	16 15	2 9	8 14	1 34	9 15	2 33	10 20	0 47	20 13	0 31	24 28	0 52	22 19	22 10	16 51			n.a.
S 11	17 4	14 3	3 29	14 27	0 18	4 38	0 38	16 3	2 10	8 14	1 34	9 14	2 33	10 20	0 47	20 13	0 31	24 28	0 52	22 19	22 11	16 49			n.a.
S 12	17 20	10 9	4 10	15 18	0 7	4 34	0 47	15 50	2 11	8 14	1 34	9 13	2 33	10 20	0 47	20 12	0 31	24 28	0 52	22 20	22 11	16 48			n.a.
M13	17 36	5 48	4 41	16 8	0n 4	4 32	0 57	15 38	2 13	8 14	1 33	9 11	2 33	10 20	0 47	20 12	0 31	24 28	0 53	22 20	22 12	16 46			n.a.
T 14	17 52	1 9	5 0	16 57	0 14	4 31	1 6	15 25	2 14	8 13	1 33	9 10	2 32	10 20	0 47	20 12	0 31	24 28	0 53	22 21	22 12	16 45			n.a.
W15	18 7	3s39	5 5	17 45	0 25	4 30	1 14	15 13	2 16	8 13	1 33	9 9	2 32	10 20	0 47	20 12	0 31	24 29	0 53	22 23	22 13	16 43			n.a.
T 16	18 22	8 25	4 54	18 31	0 35	4 31	1 23	15 0	2 17	8 12	1 33	9 7	2 32	10 20	0 47	20 12	0 31	24 29	0 53	22 24	22 13	16 42			n.a.
F 17	18 37	12 55	4 27	19 15	0 44	4 32	1 31	14 47	2 19	8 12	1 32	9 6	2 32	10 20	0 47	20 11	0 31	24 29	0 53	22 25	22 14	16 40			n.a.
S 18	18 52	16 52	3 45	19 58	0 54	4 35	1 38	14 35	2 20	8 11	1 32	9 5	2 32	10 20	0 47	20 11	0 31	24 29	0 53	22 26	22 14	16 39			n.a.
S 19	19 6	19 59	2 50	20 38	1 3	4 38	1 45	14 22	2 21	8 11	1 32	9 4	2 32	10 20	0 47	20 11	0 31	24 29	0 53	22 27	22 15	16 37			n.a.
M20	19 20	21 58	1 44	21 16	1 11	4 43	1 52	14 9	2 23	8 10	1 32	9 2	2 32	10 19	0 47	20 11	0 31	24 29	0 53	22 28	22 15	16 36			n.a.
T 21	19 34	22 37	0 30	21 52	1 19	4 48	1 59	13 56	2 24	8 9	1 31	9 1	2 31	10 19	0 47	20 10	0 31	24 29	0 53	22 28	22 16	16 34			n.a.
W22	19 47	21 49	0s46	22 25	1 26	4 54	2 5	13 43	2 26	8 8	1 31	9 0	2 31	10 19	0 47	20 10	0 31	24 29	0 53	22 28	22 16	16 33			n.a.
T 23	20 0	19 39	1 59	22 56	1 32	5 1	2 11	13 30	2 27	8 7	1 31	8 59	2 31	10 19	0 47	20 10	0 31	24 29	0 53	22 28	22 17	16 31			n.a.
F 24	20 13	16 16	3 5	23 23	1 38	5 8	2 17	13 17	2 29	8 6	1 30	8 58	2 31	10 19	0 47	20 9	0 31	24 30	0 53	22 28	22 17	16 30			n.a.
S 25	20 25	11 57	4 0	23 49	1 43	5 17	2 22	13 4	2 30	8 5	1 30	8 57	2 31	10 19	0 47	20 9	0 31	24 30	0 53	22 28	22 17	16 28			n.a.
S 26	20 37	7 0	4 40	24 11	1 48	5 26	2 28	12 51	2 31	8 4	1 30	8 56	2 31	10 18	0 46	20 9	0 31	24 30	0 53	22 28	22 18	16 26			n.a.
M27	20 49	1 43	5 3	24 31	1 51	5 35	2 32	12 38	2 33	8 3	1 30	8 55	2 30	10 18	0 46	20 9	0 31	24 30	0 53	22 29	22 18	16 25			n.a.
T 28	21 0	3n37	5 8	24 48	1 54	5 46	2 37	12 24	2 34	8 2	1 29	8 54	2 30	10 18	0 46	20 8	0 31	24 30	0 53	22 29	22 19	16 23			n.a.
W29	21 11	8 42	4 55	25 2	1 57	5 56	2 41	12 11	2 36	8 0	1 29	8 53	2 30	10 18	0 46	20 8	0 31	24 30	0 53	22 30	22 19	16 22			n.a.
T 30	21 22	13 18	4 25	25 14	1 58	6 8	2 45	11 58	2 37	7 59	1 29	8 52	2 30	10 17	0 46	20 8	0 31	24 30	0 53	22 31	22 20	16 20			n.a.
F 31	21n32	17n10	3s41	25n24	1n59	6n20	2s49	11s45	2s39	7n57	1n29	8s51	2n30	10n17	0n46	20n 7	0n31	24n30	0n53	22n32	22n20	16n18			n.a.

Julian Day Number = 1704011.5, Delta T = 03h04m07s
Ecliptic obliquity = 23°42'00, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°43'17, Lahiri = - 4°36'17 Julian Calendar 1 May 48 BCE == Greg. Calendar 29 Apr. 048 BCE

The year -47 astronomical counting style corresponds to year 048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 48 BCE
geocentric

JUNE 48 BCE (-47) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 27 22	6♊52'39	14♊59	23♊ 7	23♈28	6♓56	13♍27	28°R47	5♍35	3♌23	25♊19	17°R28	18♋57	24♌38	n.a.	S 1
S 2	16 31 19	7°49'47	27°45	24°56	24°12	7°35	13°30	28♎44	5°36	3°24	25°20	17♋24	18°54	24°45	n.a.	S 2
M 3	16 35 15	8°46'55	10♋15	26°43	24°56	8°13	13°34	28°41	5°37	3°26	25°22	17°22	18°51	24°51	n.a.	M 3
T 4	16 39 12	9°44'03	22°29	28°28	25°41	8°51	13°38	28°38	5°38	3°27	25°23	17°D22	18°48	24°58	n.a.	T 4
W 5	16 43 9	10°41'11	4♌31	0♋11	26°27	9°29	13°42	28°36	5°39	3°28	25°25	17°23	18°44	25° 5	n.a.	W 5
T 6	16 47 5	11°38'18	16°25	1°52	27°14	10° 7	13°46	28°33	5°40	3°30	25°26	17°25	18°41	25°11	n.a.	T 6
F 7	16 51 2	12°35'26	28°15	3°31	28° 2	10°44	13°50	28°30	5°41	3°31	25°28	17°27	18°38	25°18	n.a.	F 7
S 8	16 54 58	13°32'33	10♍ 6	5° 7	28°50	11°21	13°54	28°28	5°43	3°33	25°30	17°R27	18°35	25°25	n.a.	S 8
S 9	16 58 55	14°29'40	22° 4	6°41	29°39	11°59	13°59	28°26	5°44	3°35	25°31	17°27	18°32	25°32	n.a.	S 9
M10	17 2 51	15°26'47	4♎12	8°14	0♉29	12°36	14° 4	28°23	5°45	3°36	25°33	17°26	18°29	25°38	n.a.	M10
T 11	17 6 48	16°23'54	16°35	9°44	1°19	13°12	14° 9	28°21	5°46	3°38	25°34	17°23	18°25	25°45	n.a.	T 11
W12	17 10 44	17°21'02	29°17	11°12	2°10	13°49	14°14	28°19	5°48	3°39	25°36	17°19	18°22	25°52	n.a.	W12
T 13	17 14 41	18°18'09	12♏20	12°37	3° 2	14°25	14°19	28°17	5°49	3°41	25°38	17°15	18°19	25°58	n.a.	T 13
F 14	17 18 38	19°15'17	25°44	14° 1	3°54	15° 2	14°24	28°15	5°51	3°43	25°39	17°10	18°16	26° 5	n.a.	F 14
S 15	17 22 34	20°12'25	9♐30	15°22	4°47	15°38	14°30	28°13	5°52	3°45	25°41	17° 7	18°13	26°12	n.a.	S 15
S 16	17 26 31	21° 9'33	23°34	16°41	5°41	16°13	14°35	28°11	5°54	3°46	25°42	17° 4	18°10	26°18	n.a.	S 16
M17	17 30 27	22° 6'42	7♑53	17°58	6°35	16°49	14°41	28° 9	5°55	3°48	25°44	17° 3	18° 6	26°25	n.a.	M17
T 18	17 34 24	23° 3'52	22°20	19°12	7°30	17°24	14°47	28° 8	5°57	3°50	25°46	17°D 2	18° 3	26°32	n.a.	T 18
W19	17 38 20	24° 1'02	6♒52	20°24	8°25	17°59	14°53	28° 6	5°59	3°52	25°47	17° 3	18° 0	26°38	n.a.	W19
T 20	17 42 17	24°58'13	21°22	21°33	9°20	18°34	15° 0	28° 5	6° 1	3°53	25°49	17° 4	17°57	26°45	n.a.	T 20
F 21	17 46 13	25°55'24	5♓46	22°40	10°16	19° 9	15° 6	28° 3	6° 2	3°55	25°50	17° 6	17°54	26°52	n.a.	F 21
S 22	17 50 10	26°52'37	20° 2	23°44	11°13	19°43	15°12	28° 2	6° 4	3°57	25°52	17° 6	17°50	26°58	n.a.	S 22
S 23	17 54 7	27°49'50	4♈ 6	24°45	12°10	20°18	15°19	28° 1	6° 6	3°59	25°54	17°R 6	17°47	27° 5	n.a.	S 23
M24	17 58 3	28°47'05	17°58	25°44	13° 7	20°51	15°26	28° 0	6° 8	4° 1	25°55	17° 6	17°44	27°12	n.a.	M24
T 25	18 2 0	29°44'21	1♉37	26°39	14° 5	21°25	15°33	27°59	6°10	4° 3	25°57	17° 4	17°41	27°18	n.a.	T 25
W26	18 5 56	0♋41'37	15° 2	27°31	15° 3	21°58	15°40	27°58	6°12	4° 5	25°58	17° 2	17°38	27°25	n.a.	W26
T 27	18 9 53	1°38'55	28°12	28°20	16° 2	22°32	15°47	27°57	6°14	4° 7	26° 0	17° 0	17°35	27°32	n.a.	T 27
F 28	18 13 49	2°36'14	11♊ 9	29° 6	17° 1	23° 4	15°54	27°56	6°16	4° 9	26° 2	16°58	17°31	27°38	n.a.	F 28
S 29	18 17 46	3°33'33	23°51	29°48	18° 0	23°37	16° 2	27°56	6°18	4°10	26° 3	16°56	17°28	27°45	n.a.	S 29
S 30	18 21 43	4♋30'54	6♋21	0♌26	19♉ 0	24♓ 9	16♍ 9	27♎55	6♍21	4♌12	26♊ 5	16♋56	17♋25	27♌52	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n42	20n 5	2s47	25n30	2n 0	6n32	2s53	11s32	2s40	7n56	1n28	8s50	2n29	10n17	0n46	20n 7	0n31	24n30	0n54	22n33	22n21	16n17		n.a.
S 2	21 51	21 56	1 45	25 35	1 59	6 45	2 56	11 19	2 41	7 54	1 28	8 49	2 29	10 16	0 46	20 7	0 31	24 31	0 54	22 33	22 21	16 15		n.a.
M 3	22 0	22 39	0 39	25 37	1 58	6 59	2 59	11 5	2 43	7 53	1 28	8 48	2 29	10 16	0 46	20 6	0 31	24 31	0 54	22 33	22 21	16 14		n.a.
T 4	22 9	22 16	0n28	25 38	1 56	7 13	3 2	10 52	2 44	7 51	1 27	8 48	2 29	10 15	0 46	20 6	0 31	24 31	0 54	22 33	22 22	16 12		n.a.
W 5	22 18	20 50	1 32	25 36	1 54	7 27	3 5	10 39	2 46	7 49	1 27	8 47	2 29	10 15	0 46	20 6	0 31	24 31	0 54	22 33	22 22	16 10		n.a.
T 6	22 26	18 30	2 32	25 32	1 51	7 42	3 7	10 26	2 47	7 47	1 27	8 46	2 28	10 15	0 46	20 5	0 31	24 31	0 54	22 33	22 23	16 9		n.a.
F 7	22 33	15 24	3 25	25 26	1 47	7 57	3 9	10 13	2 48	7 45	1 27	8 45	2 28	10 14	0 46	20 5	0 31	24 31	0 54	22 33	22 23	16 7		n.a.
S 8	22 40	11 42	4 9	25 19	1 43	8 12	3 11	10 0	2 50	7 43	1 26	8 45	2 28	10 14	0 46	20 5	0 31	24 31	0 54	22 33	22 24	16 6		n.a.
S 9	22 47	7 30	4 43	25 10	1 39	8 28	3 13	9 46	2 51	7 41	1 26	8 44	2 28	10 13	0 46	20 4	0 31	24 31	0 54	22 33	22 24	16 4		n.a.
M10	22 54	2 58	5 5	25 0	1 33	8 44	3 15	9 33	2 53	7 39	1 26	8 43	2 27	10 13	0 46	20 4	0 31	24 31	0 54	22 33	22 25	16 2		n.a.
T 11	23 0	1s47	5 13	24 48	1 27	9 0	3 16	9 20	2 54	7 37	1 26	8 43	2 27	10 12	0 46	20 3	0 31	24 32	0 54	22 33	22 25	16 1		n.a.
W12	23 5	6 34	5 6	24 34	1 21	9 16	3 17	9 7	2 55	7 35	1 25	8 42	2 27	10 12	0 46	20 3	0 31	24 32	0 54	22 34	22 25	15 59		n.a.
T 13	23 11	11 12	4 44	24 20	1 14	9 33	3 18	8 54	2 57	7 33	1 25	8 42	2 27	10 11	0 46	20 3	0 31	24 32	0 54	22 34	22 26	15 57		n.a.
F 14	23 16	15 26	4 5	24 4	1 7	9 50	3 19	8 41	2 58	7 30	1 25	8 41	2 27	10 10	0 46	20 2	0 31	24 32	0 54	22 35	22 26	15 56		n.a.
S 15	23 20	18 58	3 12	23 47	0 59	10 7	3 20	8 29	2 59	7 28	1 25	8 41	2 26	10 10	0 46	20 2	0 31	24 32	0 54	22 35	22 27	15 54		n.a.
S 16	23 24	21 27	2 5	23 29	0 51	10 25	3 20	8 16	3 1	7 25	1 24	8 40	2 26	10 9	0 46	20 1	0 31	24 32	0 54	22 36	22 27	15 52		n.a.
M17	23 28	22 38	0 50	23 11	0 42	10 42	3 21	8 3	3 2	7 23	1 24	8 40	2 26	10 9	0 46	20 1	0 31	24 32	0 54	22 36	22 28	15 51		n.a.
T 18	23 31	22 18	0s29	22 51	0 33	11 0	3 21	7 50	3 3	7 20	1 24	8 40	2 26	10 8	0 46	20 1	0 31	24 32	0 55	22 36	22 28	15 49		n.a.
W19	23 34	20 29	1 47	22 31	0 24	11 18	3 21	7 38	3 5	7 18	1 24	8 39	2 25	10 7	0 45	20 0	0 31	24 33	0 55	22 36	22 28	15 47		n.a.
T 20	23 36	17 20	2 58	22 11	0 14	11 35	3 21	7 25	3 6	7 15	1 23	8 39	2 25	10 7	0 45	20 0	0 31	24 33	0 55	22 36	22 29	15 46		n.a.
F 21	23 38	13 10	3 57	21 50	0 4	11 53	3 21	7 12	3 7	7 12	1 23	8 39	2 25	10 6	0 45	19 59	0 31	24 33	0 55	22 36	22 29	15 44		n.a.
S 22	23 40	8 17	4 41	21 28	0s 7	12 11	3 20	7 0	3 9	7 10	1 23	8 38	2 25	10 5	0 45	19 59	0 31	24 33	0 55	22 36	22 30	15 42		n.a.
S 23	23 41	3 3	5 7	21 7	0 18	12 29	3 20	6 48	3 10	7 7	1 23	8 38	2 24	10 4	0 45	19 58	0 31	24 33	0 55	22 35	22 30	15 41		n.a.
M24	23 42	2n16	5 15	20 45	0 29	12 47	3 19	6 35	3 11	7 4	1 22	8 38	2 24	10 4	0 45	19 58	0 31	24 33	0 55	22 36	22 31	15 39		n.a.
T 25	23 42	7 23	5 5	20 23	0 41	13 5	3 18	6 23	3 13	7 1	1 22	8 38	2 24	10 3	0 45	19 58	0 31	24 33	0 55	22 36	22 31	15 37		n.a.
W26	23 42	12 5	4 39	20 1	0 53	13 23	3 17	6 11	3 14	6 58	1 22	8 38	2 24	10 2	0 45	19 57	0 31	24 33	0 55	22 36	22 31	15 35		n.a.
T 27	23 41	16 7	3 58	19 39	1 5	13 41	3 16	5 59	3 15	6 55	1 22	8 38	2 23	10 1	0 45	19 57	0 31	24 33	0 55	22 36	22 32	15 34		n.a.
F 28	23 40	19 18	3 5	19 18	1 17	13 59	3 15	5 47	3 17	6 52	1 21	8 38	2 23	10 0	0 45	19 56	0 31	24 34	0 55	22 37	22 32	15 32		n.a.
S 29	23 39	21 29	2 4	18 57	1 30	14 17	3 13	5 35	3 18	6 49	1 21	8 38	2 23	10 0	0 45	19 56	0 31	24 34	0 55	22 37	22 33	15 30		n.a.
S 30	23n37	22n35	0s58	18n36	1s43	14n35	3s12	5s23	3s19	6n46	1n21	8s38	2n23	9n59	0n45	19n55	0n31	24n34	0n55	22n37	22n33	15n29		n.a.

Julian Day Number = 1704042.5, Delta T = 03h04m06s
Ecliptic obliquity = 23°41'59, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°43'13, Lahiri = - 4°36'12 Julian Calendar 1 June 48 BCE == Greg. Calendar 30 May 048 BCE

The year -47 astronomical counting style corresponds to year 048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 48 BCE
geocentric

JULY 48 BCE (-47) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 25 39	5♋28'15	18♋38	1♌ 0	20♉ 0	24♓41	16♍17	27°R55	6♍23	4♌14	26♊ 6	16°D55	17♋22	27♌58	n.a.	M 1
T 2	18 29 36	6°25'38	0♌44	1°31	21° 1	25°12	16°25	27♎54	6°25	4°16	26° 8	16♋56	17°19	28° 5	n.a.	T 2
W 3	18 33 32	7°23'01	12°41	1°57	22° 2	25°44	16°33	27°54	6°28	4°18	26°10	16°56	17°16	28°12	n.a.	W 3
T 4	18 37 29	8°20'25	24°33	2°18	23° 3	26°15	16°41	27°54	6°30	4°21	26°11	16°57	17°12	28°18	n.a.	T 4
F 5	18 41 25	9°17'50	6♍23	2°35	24° 4	26°45	16°49	27°D54	6°32	4°23	26°13	16°58	17° 9	28°25	n.a.	F 5
S 6	18 45 22	10°15'16	18°13	2°47	25° 6	27°15	16°57	27°54	6°35	4°25	26°14	16°59	17° 6	28°32	n.a.	S 6
S 7	18 49 18	11°12'42	0♎10	2°55	26° 8	27°45	17° 6	27°54	6°37	4°27	26°16	16°59	17° 3	28°38	n.a.	S 7
M 8	18 53 15	12°10'09	12°17	2°R57	27°10	28°15	17°14	27°54	6°40	4°29	26°18	16°R59	17° 0	28°45	n.a.	M 8
T 9	18 57 12	13° 7'38	24°38	2°53	28°12	28°44	17°23	27°55	6°42	4°31	26°19	16°59	16°56	28°52	n.a.	T 9
W10	19 1 8	14° 5'07	7♏18	2°45	29°15	29°13	17°31	27°55	6°45	4°33	26°21	16°59	16°53	28°59	n.a.	W10
T 11	19 5 5	15° 2'37	20°21	2°31	0♊18	29°41	17°40	27°56	6°48	4°35	26°22	16°59	16°50	29° 5	n.a.	T 11
F 12	19 9 1	16° 0'09	3♐48	2°11	1°22	0♈ 9	17°49	27°56	6°50	4°37	26°24	16°59	16°47	29°12	n.a.	F 12
S 13	19 12 58	16°57'41	17°41	1°47	2°25	0°36	17°58	27°57	6°53	4°39	26°25	16°D59	16°44	29°19	n.a.	S 13
S 14	19 16 54	17°55'14	1♑57	1°17	3°29	1° 4	18° 8	27°58	6°56	4°42	26°27	16°59	16°41	29°25	n.a.	S 14
M15	19 20 51	18°52'49	16°33	0°42	4°33	1°30	18°17	27°59	6°59	4°44	26°28	16°R59	16°37	29°32	n.a.	M15
T 16	19 24 47	19°50'25	1♒23	0° 3	5°37	1°57	18°26	28° 0	7° 2	4°46	26°30	16°59	16°34	29°39	n.a.	T 16
W17	19 28 44	20°48'03	16°19	29♋20	6°42	2°23	18°36	28° 1	7° 4	4°48	26°31	16°58	16°31	29°45	n.a.	W17
T 18	19 32 41	21°45'42	1♓14	28°34	7°47	2°48	18°45	28° 2	7° 7	4°50	26°33	16°58	16°28	29°52	n.a.	T 18
F 19	19 36 37	22°43'23	15°59	27°44	8°52	3°13	18°55	28° 3	7°10	4°52	26°34	16°57	16°25	29°59	n.a.	F 19
S 20	19 40 34	23°41'05	0♈29	26°53	9°57	3°38	19° 5	28° 5	7°13	4°55	26°36	16°57	16°22	0♍ 5	n.a.	S 20
S 21	19 44 30	24°38'49	14°40	26° 2	11° 3	4° 2	19°15	28° 6	7°16	4°57	26°37	16°56	16°18	0°12	n.a.	S 21
M22	19 48 27	25°36'35	28°31	25°10	12° 8	4°25	19°24	28° 8	7°19	4°59	26°39	16°D56	16°15	0°19	n.a.	M22
T 23	19 52 23	26°34'23	12♉ 1	24°19	13°14	4°48	19°35	28° 9	7°22	5° 1	26°40	16°57	16°12	0°25	n.a.	T 23
W24	19 56 20	27°32'12	25°11	23°31	14°20	5°11	19°45	28°11	7°25	5° 3	26°42	16°57	16° 9	0°32	n.a.	W24
T 25	20 0 16	28°30'04	8♊ 4	22°46	15°26	5°33	19°55	28°13	7°29	5° 6	26°43	16°58	16° 6	0°39	n.a.	T 25
F 26	20 4 13	29°27'57	20°41	22° 5	16°33	5°54	20° 5	28°15	7°32	5° 8	26°44	16°59	16° 2	0°45	n.a.	F 26
S 27	20 8 10	0♌25'52	3♋ 5	21°29	17°39	6°15	20°16	28°17	7°35	5°10	26°46	17° 0	15°59	0°52	n.a.	S 27
S 28	20 12 6	1°23'49	15°18	20°59	18°46	6°36	20°26	28°19	7°38	5°12	26°47	17°R 1	15°56	0°59	n.a.	S 28
M29	20 16 3	2°21'48	27°23	20°36	19°53	6°55	20°37	28°21	7°41	5°14	26°49	17° 0	15°53	1° 6	n.a.	M29
T 30	20 19 59	3°19'48	9♌21	20°20	21° 0	7°14	20°47	28°24	7°45	5°17	26°50	16°59	15°50	1°12	n.a.	T 30
W31	20 23 56	4♌17'50	21♌13	20♋11	22♊ 8	7♈33	20♍58	28♎26	7♍48	5♌19	26♊51	16♋57	15♋47	1♍19	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23n35	22n33	0n 9	18n16	1s56	14n53	3s10	5s12	3s20	6n42	1n21	8s38	2n22	9n58	0n45	19n55	0n31	24n34	0n55	22n37	22n34	15n27			n.a.
T 2	23 33	21 27	1 16	17 57	2 9	15 10	3 9	5 0	3 22	6 39	1 21	8 38	2 22	9 57	0 45	19 54	0 31	24 34	0 55	22 37	22 34	15 25			n.a.
W 3	23 29	19 23	2 18	17 38	2 22	15 28	3 7	4 49	3 23	6 36	1 20	8 38	2 22	9 56	0 45	19 54	0 31	24 34	0 56	22 37	22 34	15 23			n.a.
T 4	23 26	16 31	3 14	17 21	2 35	15 45	3 5	4 38	3 24	6 33	1 20	8 38	2 21	9 55	0 45	19 53	0 31	24 34	0 56	22 37	22 35	15 22			n.a.
F 5	23 22	13 0	4 1	17 5	2 48	16 2	3 3	4 26	3 25	6 29	1 20	8 39	2 21	9 54	0 45	19 53	0 31	24 34	0 56	22 37	22 35	15 20			n.a.
S 6	23 18	8 58	4 38	16 49	3 0	16 19	3 1	4 15	3 27	6 26	1 20	8 39	2 21	9 53	0 45	19 52	0 31	24 34	0 56	22 36	22 36	15 18			n.a.
S 7	23 13	4 34	5 4	16 36	3 13	16 36	2 59	4 4	3 28	6 22	1 19	8 39	2 21	9 52	0 45	19 52	0 31	24 35	0 56	22 36	22 36	15 16			n.a.
M 8	23 8	0s 3	5 16	16 23	3 25	16 53	2 57	3 54	3 29	6 19	1 19	8 40	2 20	9 51	0 45	19 51	0 31	24 35	0 56	22 36	22 36	15 15			n.a.
T 9	23 3	4 46	5 15	16 13	3 37	17 9	2 54	3 43	3 30	6 15	1 19	8 40	2 20	9 50	0 45	19 51	0 31	24 35	0 56	22 36	22 37	15 13			n.a.
W10	22 57	9 25	4 58	16 4	3 48	17 25	2 52	3 33	3 31	6 11	1 19	8 40	2 20	9 49	0 45	19 50	0 31	24 35	0 56	22 36	22 37	15 11			n.a.
T 11	22 50	13 46	4 25	15 57	3 58	17 41	2 49	3 22	3 33	6 8	1 19	8 41	2 20	9 48	0 45	19 50	0 31	24 35	0 56	22 36	22 38	15 9			n.a.
F 12	22 44	17 35	3 37	15 52	4 8	17 56	2 47	3 12	3 34	6 4	1 18	8 41	2 19	9 47	0 45	19 49	0 31	24 35	0 56	22 37	22 38	15 8			n.a.
S 13	22 37	20 32	2 36	15 49	4 16	18 12	2 44	3 2	3 35	6 0	1 18	8 42	2 19	9 46	0 45	19 49	0 31	24 35	0 56	22 37	22 38	15 6			n.a.
S 14	22 29	22 19	1 22	15 48	4 24	18 27	2 41	2 52	3 36	5 56	1 18	8 42	2 19	9 45	0 45	19 48	0 31	24 35	0 56	22 37	22 39	15 4			n.a.
M15	22 21	22 37	0 2	15 49	4 30	18 41	2 38	2 43	3 37	5 53	1 18	8 43	2 19	9 44	0 45	19 48	0 31	24 36	0 56	22 37	22 39	15 2			n.a.
T 16	22 13	21 21	1s19	15 53	4 35	18 56	2 35	2 33	3 38	5 49	1 18	8 44	2 18	9 43	0 45	19 47	0 31	24 36	0 56	22 37	22 40	15 0			n.a.
W17	22 4	18 35	2 36	15 58	4 38	19 10	2 32	2 24	3 39	5 45	1 18	8 44	2 18	9 42	0 45	19 47	0 31	24 36	0 57	22 37	22 40	14 59			n.a.
T 18	21 55	14 36	3 42	16 6	4 40	19 23	2 29	2 14	3 41	5 41	1 17	8 45	2 18	9 41	0 44	19 46	0 31	24 36	0 57	22 37	22 40	14 57			n.a.
F 19	21 46	9 45	4 32	16 16	4 40	19 37	2 26	2 5	3 42	5 37	1 17	8 46	2 17	9 40	0 44	19 46	0 31	24 36	0 57	22 37	22 41	14 55			n.a.
S 20	21 36	4 27	5 4	16 28	4 38	19 50	2 23	1 57	3 43	5 33	1 17	8 46	2 17	9 38	0 44	19 45	0 31	24 36	0 57	22 37	22 41	14 53			n.a.
S 21	21 26	0n59	5 17	16 41	4 34	20 2	2 20	1 48	3 44	5 29	1 17	8 47	2 17	9 37	0 44	19 45	0 31	24 36	0 57	22 37	22 42	14 51			n.a.
M22	21 15	6 14	5 11	16 56	4 28	20 14	2 17	1 39	3 45	5 25	1 17	8 48	2 17	9 36	0 44	19 44	0 31	24 36	0 57	22 37	22 42	14 50			n.a.
T 23	21 4	11 3	4 47	17 13	4 20	20 26	2 13	1 31	3 46	5 20	1 16	8 49	2 16	9 35	0 44	19 44	0 31	24 36	0 57	22 37	22 42	14 48			n.a.
W24	20 53	15 14	4 9	17 30	4 11	20 37	2 10	1 23	3 47	5 16	1 16	8 50	2 16	9 34	0 44	19 43	0 31	24 37	0 57	22 37	22 43	14 46			n.a.
T 25	20 41	18 37	3 19	17 49	4 0	20 48	2 7	1 15	3 48	5 12	1 16	8 51	2 16	9 32	0 44	19 42	0 31	24 37	0 57	22 37	22 43	14 44			n.a.
F 26	20 29	21 2	2 21	18 8	3 47	20 58	2 3	1 7	3 49	5 8	1 16	8 51	2 16	9 31	0 44	19 42	0 31	24 37	0 57	22 36	22 43	14 42			n.a.
S 27	20 17	22 23	1 16	18 27	3 33	21 8	2 0	1 0	3 50	5 3	1 16	8 52	2 15	9 30	0 44	19 41	0 31	24 37	0 57	22 36	22 44	14 41			n.a.
S 28	20 4	22 39	0 9	18 47	3 18	21 17	1 56	0 53	3 51	4 59	1 16	8 53	2 15	9 29	0 44	19 41	0 31	24 37	0 57	22 36	22 44	14 39			n.a.
M29	19 51	21 51	0n57	19 7	3 2	21 26	1 53	0 46	3 52	4 55	1 15	8 55	2 15	9 28	0 44	19 40	0 31	24 37	0 57	22 36	22 45	14 37			n.a.
T 30	19 37	20 3	2 0	19 26	2 45	21 35	1 49	0 39	3 52	4 50	1 15	8 56	2 15	9 26	0 44	19 40	0 31	24 37	0 58	22 36	22 45	14 35			n.a.
W31	19n24	17n23	2n58	19n44	2s27	21n43	1s45	0s32	3s53	4n46	1n15	8s57	2n14	9n25	0n44	19n39	0n31	24n37	0n58	22n37	22n45	14n33			n.a.

Julian Day Number = 1704072.5, Delta T = 03h04m05s
Ecliptic obliquity = 23°41'59, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°43'09, Lahiri = - 4°36'08 Julian Calendar 1 July 48 BCE == Greg. Calendar 29 June 048 BCE

The year -47 astronomical counting style corresponds to year 048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 48 BCE
geocentric

AUGUST 48 BCE (-47) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 27 52	5♌15'54	3♍ 3	20°D11	23♊15	7♈51	21♍ 9	28♎29	7♍51	5♌21	26♊53	16°R55	15♋43	1♍26	n.a.	T 1
F 2	20 31 49	6°13'59	14°53	20♋19	24°23	8° 8	21°20	28°31	7°55	5°23	26°54	16♋52	15°40	1°32	n.a.	F 2
S 3	20 35 45	7°12'06	26°44	20°35	25°31	8°25	21°31	28°34	7°58	5°26	26°55	16°48	15°37	1°39	n.a.	S 3
S 4	20 39 42	8°10'14	8♎41	21° 0	26°39	8°41	21°42	28°37	8° 1	5°28	26°56	16°46	15°34	1°46	n.a.	S 4
M 5	20 43 39	9° 8'24	20°47	21°33	27°47	8°56	21°53	28°40	8° 5	5°30	26°58	16°43	15°31	1°52	n.a.	M 5
T 6	20 47 35	10° 6'36	3♏ 5	22°14	28°55	9°10	22° 4	28°42	8° 8	5°32	26°59	16°42	15°27	1°59	n.a.	T 6
W 7	20 51 32	11° 4'49	15°41	23° 3	0♋ 4	9°24	22°15	28°46	8°12	5°35	27° 0	16°D42	15°24	2° 6	n.a.	W 7
T 8	20 55 28	12° 3'04	28°38	24° 0	1°12	9°38	22°27	28°49	8°15	5°37	27° 1	16°43	15°21	2°12	n.a.	T 8
F 9	20 59 25	13° 1'20	11♐59	25° 4	2°21	9°50	22°38	28°52	8°19	5°39	27° 3	16°44	15°18	2°19	n.a.	F 9
S 10	21 3 21	13°59'38	25°48	26°14	3°30	10° 2	22°50	28°55	8°22	5°41	27° 4	16°46	15°15	2°26	n.a.	S 10
S 11	21 7 18	14°57'58	10♑ 3	27°31	4°39	10°13	23° 1	28°58	8°26	5°43	27° 5	16°R47	15°12	2°32	n.a.	S 11
M12	21 11 14	15°56'20	24°43	28°53	5°48	10°23	23°13	29° 2	8°29	5°46	27° 6	16°47	15° 8	2°39	n.a.	M12
T 13	21 15 11	16°54'43	9♒43	0♌21	6°57	10°33	23°24	29° 5	8°33	5°48	27° 7	16°45	15° 5	2°46	n.a.	T 13
W14	21 19 8	17°53'08	24°55	1°53	8° 7	10°41	23°36	29° 9	8°36	5°50	27° 8	16°43	15° 2	2°53	n.a.	W14
T 15	21 23 4	18°51'35	10♓ 9	3°29	9°16	10°49	23°48	29°13	8°40	5°52	27° 9	16°38	14°59	2°59	n.a.	T 15
F 16	21 27 1	19°50'05	25°14	5° 8	10°26	10°57	24° 0	29°17	8°44	5°54	27°11	16°34	14°56	3° 6	n.a.	F 16
S 17	21 30 57	20°48'36	10♈ 3	6°51	11°36	11° 3	24°12	29°20	8°47	5°57	27°12	16°29	14°53	3°13	n.a.	S 17
S 18	21 34 54	21°47'10	24°27	8°36	12°46	11° 8	24°24	29°24	8°51	5°59	27°13	16°25	14°49	3°19	n.a.	S 18
M19	21 38 50	22°45'46	8♉25	10°23	13°56	11°13	24°36	29°28	8°55	6° 1	27°14	16°23	14°46	3°26	n.a.	M19
T 20	21 42 47	23°44'24	21°56	12°12	15° 6	11°17	24°48	29°32	8°58	6° 3	27°15	16°D22	14°43	3°33	n.a.	T 20
W21	21 46 43	24°43'05	5♊ 2	14° 1	16°17	11°20	25° 0	29°37	9° 2	6° 5	27°16	16°22	14°40	3°39	n.a.	W21
T 22	21 50 40	25°41'48	17°45	15°52	17°27	11°22	25°12	29°41	9° 6	6° 7	27°17	16°24	14°37	3°46	n.a.	T 22
F 23	21 54 36	26°40'34	0♋11	17°43	18°38	11°23	25°24	29°45	9° 9	6° 9	27°18	16°25	14°33	3°53	n.a.	F 23
S 24	21 58 33	27°39'22	12°23	19°34	19°48	11°R23	25°36	29°49	9°13	6°12	27°18	16°R26	14°30	3°59	n.a.	S 24
S 25	22 2 30	28°38'12	24°25	21°26	20°59	11°23	25°49	29°54	9°17	6°14	27°19	16°26	14°27	4° 6	n.a.	S 25
M26	22 6 26	29°37'04	6♌21	23°17	22°10	11°21	26° 1	29°58	9°21	6°16	27°20	16°24	14°24	4°13	n.a.	M26
T 27	22 10 23	0♍35'59	18°12	25° 8	23°21	11°19	26°13	0♏ 3	9°24	6°18	27°21	16°20	14°21	4°19	n.a.	T 27
W28	22 14 19	1°34'55	0♍ 2	26°58	24°32	11°16	26°26	0° 8	9°28	6°20	27°22	16°13	14°18	4°26	n.a.	W28
T 29	22 18 16	2°33'54	11°52	28°48	25°44	11°11	26°38	0°12	9°32	6°22	27°23	16° 5	14°14	4°33	n.a.	T 29
F 30	22 22 12	3°32'55	23°44	0♍38	26°55	11° 6	26°51	0°17	9°36	6°24	27°24	15°56	14°11	4°40	n.a.	F 30
S 31	22 26 9	4♍31'58	5♎39	2♍27	28♋ 7	11♈ 0	27♍ 4	0♏22	9♍39	6♌26	27♊24	15♋47	14♋ 8	4♍46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n10	14n 1	3n48	20n 2	2s 9	21n50	1s42	0s26	3s54	4n42	1n15	8s58	2n14	9n24	0n44	19n39	0n31	24n37	0n58	22n37	22n46	14n31		n.a.
F 2	18 55	10 7	4 27	20 19	1 51	21 57	1 38	0 20	3 55	4 37	1 15	8 59	2 14	9 23	0 44	19 38	0 31	24 38	0 58	22 37	22 46	14 29		n.a.
S 3	18 40	5 49	4 56	20 34	1 33	22 3	1 34	0 14	3 56	4 33	1 15	9 0	2 14	9 21	0 44	19 38	0 31	24 38	0 58	22 38	22 46	14 28		n.a.
S 4	18 25	1 17	5 12	20 48	1 16	22 9	1 31	0 8	3 56	4 28	1 15	9 1	2 13	9 20	0 44	19 37	0 31	24 38	0 58	22 38	22 47	14 26		n.a.
M 5	18 10	3s21	5 14	21 0	0 58	22 14	1 27	0 3	3 57	4 23	1 14	9 3	2 13	9 19	0 44	19 37	0 31	24 38	0 58	22 38	22 47	14 24		n.a.
T 6	17 54	7 57	5 2	21 10	0 41	22 19	1 23	0n 2	3 58	4 19	1 14	9 4	2 13	9 17	0 44	19 36	0 31	24 38	0 58	22 39	22 48	14 22		n.a.
W 7	17 38	12 19	4 35	21 18	0 25	22 23	1 19	0 7	3 59	4 14	1 14	9 5	2 13	9 16	0 44	19 35	0 31	24 38	0 58	22 39	22 48	14 20		n.a.
T 8	17 22	16 16	3 54	21 23	0 9	22 26	1 16	0 12	3 59	4 10	1 14	9 7	2 12	9 15	0 44	19 35	0 32	24 38	0 58	22 38	22 48	14 18		n.a.
F 9	17 5	19 30	3 0	21 26	0n 5	22 29	1 12	0 16	4 0	4 5	1 14	9 8	2 12	9 13	0 44	19 34	0 32	24 38	0 58	22 38	22 49	14 16		n.a.
S 10	16 48	21 45	1 53	21 27	0 19	22 31	1 8	0 20	4 0	4 0	1 14	9 9	2 12	9 12	0 44	19 34	0 32	24 38	0 58	22 38	22 49	14 14		n.a.
S 11	16 31	22 42	0 37	21 25	0 32	22 33	1 4	0 24	4 1	3 55	1 14	9 11	2 12	9 11	0 44	19 33	0 32	24 39	0 58	22 38	22 49	14 13		n.a.
M12	16 14	22 8	0s43	21 20	0 44	22 34	1 1	0 28	4 1	3 51	1 13	9 12	2 11	9 9	0 44	19 33	0 32	24 39	0 59	22 38	22 50	14 11		n.a.
T 13	15 56	19 58	2 2	21 12	0 55	22 34	0 57	0 31	4 2	3 46	1 13	9 14	2 11	9 8	0 44	19 32	0 32	24 39	0 59	22 38	22 50	14 9		n.a.
W14	15 38	16 23	3 14	21 1	1 5	22 34	0 53	0 34	4 2	3 41	1 13	9 15	2 11	9 6	0 44	19 32	0 32	24 39	0 59	22 39	22 51	14 7		n.a.
T 15	15 20	11 43	4 11	20 47	1 14	22 33	0 49	0 37	4 3	3 36	1 13	9 17	2 11	9 5	0 44	19 31	0 32	24 39	0 59	22 39	22 51	14 5		n.a.
F 16	15 2	6 21	4 51	20 31	1 22	22 32	0 45	0 39	4 3	3 31	1 13	9 18	2 10	9 4	0 44	19 31	0 32	24 39	0 59	22 40	22 51	14 3		n.a.
S 17	14 43	0 43	5 10	20 11	1 28	22 30	0 42	0 42	4 3	3 27	1 13	9 20	2 10	9 2	0 44	19 30	0 32	24 39	0 59	22 40	22 52	14 1		n.a.
S 18	14 24	4n48	5 9	19 49	1 34	22 27	0 38	0 44	4 3	3 22	1 13	9 21	2 10	9 1	0 44	19 30	0 32	24 39	0 59	22 41	22 52	13 59		n.a.
M19	14 5	9 54	4 49	19 25	1 39	22 24	0 34	0 45	4 4	3 17	1 13	9 23	2 10	9 0	0 44	19 29	0 32	24 39	0 59	22 41	22 52	13 57		n.a.
T 20	13 45	14 22	4 14	18 58	1 43	22 20	0 31	0 47	4 4	3 12	1 12	9 25	2 10	8 58	0 44	19 29	0 32	24 39	0 59	22 41	22 53	13 55		n.a.
W21	13 25	17 59	3 26	18 29	1 46	22 15	0 27	0 48	4 4	3 7	1 12	9 26	2 9	8 57	0 44	19 28	0 32	24 40	0 59	22 41	22 53	13 53		n.a.
T 22	13 6	20 39	2 30	17 58	1 48	22 10	0 23	0 49	4 4	3 2	1 12	9 28	2 9	8 55	0 44	19 27	0 32	24 40	0 59	22 41	22 53	13 51		n.a.
F 23	12 45	22 15	1 27	17 26	1 50	22 4	0 20	0 49	4 4	2 57	1 12	9 30	2 9	8 54	0 44	19 27	0 32	24 40	1 0	22 41	22 54	13 49		n.a.
S 24	12 25	22 45	0 22	16 51	1 50	21 57	0 16	0 49	4 3	2 52	1 12	9 32	2 9	8 52	0 44	19 26	0 32	24 40	1 0	22 41	22 54	13 47		n.a.
S 25	12 5	22 11	0n43	16 15	1 50	21 50	0 12	0 49	4 3	2 47	1 12	9 33	2 8	8 51	0 44	19 26	0 32	24 40	1 0	22 41	22 54	13 46		n.a.
M26	11 44	20 36	1 46	15 38	1 50	21 42	0 9	0 49	4 3	2 42	1 12	9 35	2 8	8 50	0 44	19 25	0 32	24 40	1 0	22 41	22 55	13 44		n.a.
T 27	11 23	18 7	2 43	14 59	1 48	21 34	0 5	0 48	4 3	2 37	1 12	9 37	2 8	8 48	0 44	19 25	0 32	24 40	1 0	22 41	22 55	13 42		n.a.
W28	11 2	14 54	3 33	14 19	1 46	21 25	0 2	0 48	4 2	2 32	1 12	9 39	2 8	8 47	0 44	19 24	0 32	24 40	1 0	22 42	22 55	13 40		n.a.
T 29	10 40	11 6	4 14	13 38	1 44	21 15	0n 2	0 46	4 2	2 27	1 12	9 41	2 8	8 45	0 44	19 24	0 32	24 40	1 0	22 43	22 56	13 38		n.a.
F 30	10 19	6 51	4 44	12 57	1 41	21 5	0 5	0 45	4 1	2 21	1 11	9 43	2 7	8 44	0 44	19 23	0 32	24 41	1 0	22 44	22 56	13 36		n.a.
S 31	9n57	2n21	5n 2	12n14	1n38	20n54	0n 8	0n43	4s 0	2n16	1n11	9s44	2n 7	8n42	0n44	19n23	0n32	24n41	1n 0	22n45	22n56	13n34		n.a.

Julian Day Number = 1704103.5, Delta T = 03h04m04s
Ecliptic obliquity = 23°42'00, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°43'05, Lahiri = - 4°36'04 Julian Calendar 1 Aug. 48 BCE == Greg. Calendar 30 July 048 BCE

The year -47 astronomical counting style corresponds to year 048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 48 BCE
geocentric

SEPTEMBER 48 BCE (-47) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 30 5	5♍31'02	17♎40	4♍15	29♋18	10°R53	27♍16	0♏27	9♍43	6♌28	27♊25	15°R38	14♋ 5	4♍53	n.a.	S 1
M 2	22 34 2	6°30'09	29°49	6° 2	0♌30	10♈46	27°29	0°32	9°47	6°30	27°26	15♋30	14° 2	5° 0	n.a.	M 2
T 3	22 37 59	7°29'18	12♏ 9	7°48	1°42	10°37	27°41	0°37	9°51	6°32	27°26	15°25	13°59	5° 6	n.a.	T 3
W 4	22 41 55	8°28'28	24°43	9°34	2°53	10°27	27°54	0°42	9°55	6°34	27°27	15°22	13°55	5°13	n.a.	W 4
T 5	22 45 52	9°27'41	7♐34	11°19	4° 5	10°17	28° 7	0°47	9°58	6°36	27°28	15°D21	13°52	5°20	n.a.	T 5
F 6	22 49 48	10°26'55	20°47	13° 3	5°17	10° 6	28°20	0°53	10° 2	6°38	27°28	15°21	13°49	5°26	n.a.	F 6
S 7	22 53 45	11°26'12	4♑25	14°46	6°30	9°54	28°33	0°58	10° 6	6°40	27°29	15°22	13°46	5°33	n.a.	S 7
S 8	22 57 41	12°25'30	18°29	16°28	7°42	9°41	28°45	1° 3	10°10	6°42	27°30	15°R22	13°43	5°40	n.a.	S 8
M 9	23 1 38	13°24'50	3♒ 0	18°10	8°54	9°28	28°58	1° 9	10°13	6°44	27°30	15°21	13°39	5°46	n.a.	M 9
T 10	23 5 34	14°24'12	17°54	19°50	10° 7	9°14	29°11	1°14	10°17	6°45	27°31	15°18	13°36	5°53	n.a.	T 10
W11	23 9 31	15°23'36	3♓ 5	21°30	11°19	8°59	29°24	1°20	10°21	6°47	27°31	15°12	13°33	6° 0	n.a.	W11
T 12	23 13 27	16°23'02	18°23	23°10	12°32	8°43	29°37	1°25	10°25	6°49	27°32	15° 3	13°30	6° 7	n.a.	T 12
F 13	23 17 24	17°22'30	3♈38	24°48	13°44	8°27	29°50	1°31	10°29	6°51	27°32	14°54	13°27	6°13	n.a.	F 13
S 14	23 21 21	18°22'00	18°38	26°26	14°57	8°10	0♎ 3	1°37	10°32	6°53	27°33	14°44	13°24	6°20	n.a.	S 14
S 15	23 25 17	19°21'32	3♉15	28° 3	16°10	7°53	0°16	1°43	10°36	6°54	27°33	14°36	13°20	6°27	n.a.	S 15
M16	23 29 14	20°21'07	17°24	29°39	17°23	7°35	0°29	1°48	10°40	6°56	27°33	14°30	13°17	6°33	n.a.	M16
T 17	23 33 10	21°20'45	1♊ 2	1♎15	18°36	7°16	0°42	1°54	10°44	6°58	27°34	14°25	13°14	6°40	n.a.	T 17
W18	23 37 7	22°20'24	14°11	2°50	19°49	6°57	0°55	2° 0	10°47	7° 0	27°34	14°24	13°11	6°47	n.a.	W18
T 19	23 41 3	23°20'07	26°55	4°24	21° 2	6°38	1° 8	2° 6	10°51	7° 1	27°34	14°D23	13° 8	6°53	n.a.	T 19
F 20	23 45 0	24°19'51	9♋18	5°58	22°16	6°18	1°21	2°12	10°55	7° 3	27°35	14°R24	13° 4	7° 0	n.a.	F 20
S 21	23 48 56	25°19'38	21°25	7°31	23°29	5°58	1°35	2°18	10°59	7° 4	27°35	14°24	13° 1	7° 7	n.a.	S 21
S 22	23 52 53	26°19'27	3♌22	9° 4	24°42	5°38	1°48	2°24	11° 2	7° 6	27°35	14°22	12°58	7°14	n.a.	S 22
M23	23 56 50	27°19'19	15°13	10°36	25°56	5°17	2° 1	2°31	11° 6	7° 8	27°35	14°18	12°55	7°20	n.a.	M23
T 24	0 0 46	28°19'12	27° 1	12° 7	27° 9	4°56	2°14	2°37	11°10	7° 9	27°36	14°11	12°52	7°27	n.a.	T 24
W25	0 4 43	29°19'08	8♍51	13°38	28°23	4°35	2°27	2°43	11°13	7°11	27°36	14° 1	12°49	7°34	n.a.	W25
T 26	0 8 39	0♎19'06	20°44	15° 8	29°37	4°14	2°40	2°49	11°17	7°12	27°36	13°49	12°45	7°40	n.a.	T 26
F 27	0 12 36	1°19'06	2♎41	16°38	0♍50	3°53	2°53	2°56	11°20	7°14	27°36	13°35	12°42	7°47	n.a.	F 27
S 28	0 16 32	2°19'08	14°45	18° 7	2° 4	3°32	3° 7	3° 2	11°24	7°15	27°36	13°20	12°39	7°54	n.a.	S 28
S 29	0 20 29	3°19'11	26°56	19°35	3°18	3°11	3°20	3° 8	11°28	7°17	27°36	13° 7	12°36	8° 0	n.a.	S 29
M30	0 24 25	4♎19'17	9♏15	21♎ 3	4♍32	2♈50	3♎33	3♏15	11♍31	7♌18	27♊36	12♋55	12♋33	8♍ 7	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n35	2s18	5n 6	11n31	1n34	20n43	0n12	0n41	4s 0	2n11	1n11	9s46	2n 7	8n41	0n44	19n22	0n32	24n41	1n 0	22n46	22n57	13n32		n.a.
M 2	9 13	6 54	4 57	10 48	1 30	20 30	0 15	0 39	3 59	2 6	1 11	9 48	2 7	8 40	0 44	19 22	0 32	24 41	1 0	22 47	22 57	13 30		n.a.
T 3	8 51	11 18	4 34	10 3	1 26	20 18	0 18	0 36	3 58	2 1	1 11	9 50	2 7	8 38	0 44	19 21	0 32	24 41	1 0	22 48	22 57	13 28		n.a.
W 4	8 29	15 19	3 58	9 19	1 21	20 4	0 21	0 34	3 57	1 56	1 11	9 52	2 6	8 37	0 44	19 21	0 32	24 41	1 1	22 48	22 58	13 26		n.a.
T 5	8 6	18 43	3 8	8 34	1 16	19 50	0 25	0 31	3 56	1 50	1 11	9 54	2 6	8 35	0 44	19 21	0 32	24 41	1 1	22 48	22 58	13 24		n.a.
F 6	7 44	21 15	2 8	7 49	1 11	19 36	0 28	0 27	3 54	1 45	1 11	9 56	2 6	8 34	0 44	19 20	0 32	24 41	1 1	22 48	22 58	13 22		n.a.
S 7	7 21	22 39	0 58	7 4	1 5	19 21	0 31	0 24	3 53	1 40	1 11	9 58	2 6	8 32	0 44	19 20	0 32	24 41	1 1	22 48	22 59	13 20		n.a.
S 8	6 58	22 41	0s17	6 19	1 0	19 5	0 34	0 20	3 52	1 35	1 11	10 0	2 6	8 31	0 44	19 19	0 32	24 41	1 1	22 48	22 59	13 18		n.a.
M 9	6 35	21 12	1 33	5 33	0 54	18 49	0 37	0 16	3 50	1 30	1 11	10 2	2 5	8 29	0 44	19 19	0 32	24 42	1 1	22 48	22 59	13 16		n.a.
T 10	6 12	18 15	2 45	4 48	0 48	18 32	0 39	0 12	3 49	1 24	1 11	10 5	2 5	8 28	0 44	19 18	0 32	24 42	1 1	22 49	23 0	13 14		n.a.
W11	5 49	13 59	3 46	4 2	0 42	18 15	0 42	0 8	3 47	1 19	1 11	10 7	2 5	8 26	0 44	19 18	0 32	24 42	1 1	22 49	23 0	13 12		n.a.
T 12	5 26	8 48	4 32	3 17	0 35	17 57	0 45	0 3	3 45	1 14	1 11	10 9	2 5	8 25	0 44	19 17	0 32	24 42	1 1	22 50	23 0	13 10		n.a.
F 13	5 2	3 5	4 58	2 32	0 29	17 39	0 48	0s 2	3 43	1 9	1 10	10 11	2 5	8 24	0 44	19 17	0 32	24 42	1 1	22 51	23 1	13 8		n.a.
S 14	4 39	2n43	5 3	1 46	0 22	17 20	0 50	0 6	3 41	1 3	1 10	10 13	2 5	8 22	0 44	19 16	0 32	24 42	1 1	22 53	23 1	13 6		n.a.
S 15	4 15	8 13	4 48	1 1	0 16	17 0	0 53	0 11	3 39	0 58	1 10	10 15	2 4	8 21	0 44	19 16	0 32	24 42	1 2	22 53	23 1	13 4		n.a.
M16	3 52	13 7	4 15	0 17	0 9	16 40	0 56	0 16	3 37	0 53	1 10	10 17	2 4	8 19	0 44	19 16	0 32	24 42	1 2	22 54	23 2	13 2		n.a.
T 17	3 28	17 10	3 29	0s28	0 2	16 20	0 58	0 22	3 34	0 47	1 10	10 20	2 4	8 18	0 44	19 15	0 32	24 42	1 2	22 55	23 2	13 0		n.a.
W18	3 4	20 13	2 34	1 12	0s 5	15 59	1 0	0 27	3 32	0 42	1 10	10 22	2 4	8 16	0 44	19 15	0 32	24 42	1 2	22 55	23 2	12 58		n.a.
T 19	2 40	22 8	1 32	1 57	0 11	15 38	1 3	0 32	3 29	0 37	1 10	10 24	2 4	8 15	0 44	19 14	0 32	24 43	1 2	22 55	23 3	12 56		n.a.
F 20	2 17	22 55	0 27	2 40	0 18	15 16	1 5	0 38	3 27	0 32	1 10	10 26	2 4	8 14	0 44	19 14	0 32	24 43	1 2	22 55	23 3	12 53		n.a.
S 21	1 53	22 35	0n37	3 24	0 25	14 54	1 7	0 43	3 24	0 26	1 10	10 28	2 4	8 12	0 44	19 14	0 32	24 43	1 2	22 55	23 3	12 51		n.a.
S 22	1 29	21 13	1 39	4 7	0 32	14 31	1 9	0 49	3 21	0 21	1 10	10 31	2 3	8 11	0 44	19 13	0 32	24 43	1 2	22 55	23 4	12 49		n.a.
M23	1 5	18 56	2 36	4 50	0 39	14 8	1 11	0 54	3 18	0 16	1 10	10 33	2 3	8 9	0 44	19 13	0 32	24 43	1 2	22 55	23 4	12 47		n.a.
T 24	0 41	15 51	3 25	5 32	0 46	13 44	1 13	1 0	3 15	0 10	1 10	10 35	2 3	8 8	0 44	19 12	0 32	24 43	1 2	22 56	23 4	12 45		n.a.
W25	0 16	12 8	4 6	6 14	0 52	13 20	1 15	1 5	3 12	0 5	1 10	10 37	2 3	8 7	0 44	19 12	0 32	24 43	1 2	22 57	23 5	12 43		n.a.
T 26	0s 8	7 56	4 36	6 56	0 59	12 56	1 17	1 11	3 9	0s 0	1 10	10 40	2 3	8 5	0 44	19 12	0 32	24 43	1 3	22 59	23 5	12 41		n.a.
F 27	0 32	3 25	4 55	7 37	1 6	12 31	1 19	1 16	3 5	0 6	1 10	10 42	2 3	8 4	0 44	19 11	0 33	24 43	1 3	23 0	23 5	12 39		n.a.
S 28	0 56	1s16	5 0	8 17	1 12	12 6	1 21	1 22	3 2	0 11	1 10	10 44	2 3	8 2	0 44	19 11	0 33	24 43	1 3	23 1	23 5	12 37		n.a.
S 29	1 20	5 58	4 51	8 57	1 19	11 41	1 22	1 27	2 59	0 16	1 10	10 47	2 2	8 1	0 44	19 11	0 33	24 44	1 3	23 3	23 6	12 35		n.a.
M30	1s44	10s29	4n29	9s37	1s25	11n15	1n24	1s32	2s55	0s22	1n10	10s49	2n 2	8n 0	0n44	19n10	0n33	24n44	1n 3	23n 4	23n 6	12n33		n.a.

Julian Day Number = 1704134.5, Delta T = 03h04m03s
Ecliptic obliquity = 23°42'01, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°43'00, Lahiri = - 4°36'00 Julian Calendar 1 Sept. 48 BCE == Greg. Calendar 30 Aug. 048 BCE

The year -47 astronomical counting style corresponds to year 048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 48 BCE
geocentric

OCTOBER 48 BCE (-47) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 28 22	5♎19'25	21♏44	22♎30	5♍46	2°R30	3♎46	3♏21	11♍35	7♑19	27°R36	12°R46	12♋30	8♍14	n.a.	T 1
W 2	0 32 18	6°19'34	4♐23	23°57	7° 0	2♈10	3°59	3°28	11°38	7°21	27♊36	12♋40	12°26	8°21	n.a.	W 2
T 3	0 36 15	7°19'45	17°17	25°23	8°14	1°49	4°13	3°34	11°42	7°22	27°36	12°36	12°23	8°27	n.a.	T 3
F 4	0 40 12	8°19'58	0♑27	26°48	9°28	1°30	4°26	3°41	11°45	7°23	27°36	12°35	12°20	8°34	n.a.	F 4
S 5	0 44 8	9°20'12	13°57	28°12	10°42	1°10	4°39	3°48	11°49	7°25	27°36	12°35	12°17	8°41	n.a.	S 5
S 6	0 48 5	10°20'28	27°48	29°36	11°57	0°52	4°52	3°54	11°52	7°26	27°36	12°35	12°14	8°47	n.a.	S 6
M 7	0 52 1	11°20'46	12♒ 2	0♏59	13°11	0°33	5° 5	4° 1	11°56	7°27	27°36	12°33	12°10	8°54	n.a.	M 7
T 8	0 55 58	12°21'05	26°39	2°21	14°25	0°15	5°18	4° 8	11°59	7°28	27°36	12°28	12° 7	9° 1	n.a.	T 8
W 9	0 59 54	13°21'25	11♓33	3°42	15°39	29♓58	5°31	4°14	12° 3	7°29	27°35	12°21	12° 4	9° 7	n.a.	W 9
T 10	1 3 51	14°21'47	26°37	5° 2	16°54	29°41	5°45	4°21	12° 6	7°31	27°35	12°11	12° 1	9°14	n.a.	T 10
F 11	1 7 47	15°22'11	11♈43	6°20	18° 8	29°25	5°58	4°28	12° 9	7°32	27°35	12° 0	11°58	9°21	n.a.	F 11
S 12	1 11 44	16°22'36	26°40	7°38	19°23	29° 9	6°11	4°35	12°13	7°33	27°35	11°48	11°55	9°28	n.a.	S 12
S 13	1 15 41	17°23'04	11♉19	8°54	20°37	28°54	6°24	4°41	12°16	7°34	27°34	11°37	11°51	9°34	n.a.	S 13
M14	1 19 37	18°23'33	25°32	10° 8	21°52	28°40	6°37	4°48	12°19	7°35	27°34	11°28	11°48	9°41	n.a.	M14
T 15	1 23 34	19°24'04	9♊16	11°20	23° 7	28°26	6°50	4°55	12°22	7°36	27°34	11°22	11°45	9°48	n.a.	T 15
W16	1 27 30	20°24'37	22°31	12°31	24°21	28°14	7° 3	5° 2	12°26	7°37	27°33	11°19	11°42	9°54	n.a.	W16
T 17	1 31 27	21°25'12	5♋20	13°39	25°36	28° 2	7°16	5° 9	12°29	7°38	27°33	11°18	11°39	10° 1	n.a.	T 17
F 18	1 35 23	22°25'48	17°46	14°44	26°51	27°50	7°29	5°16	12°32	7°38	27°33	11°18	11°36	10° 8	n.a.	F 18
S 19	1 39 20	23°26'27	29°55	15°47	28° 6	27°40	7°42	5°23	12°35	7°39	27°32	11°18	11°32	10°14	n.a.	S 19
S 20	1 43 16	24°27'07	11♌52	16°46	29°21	27°30	7°55	5°30	12°38	7°40	27°32	11°17	11°29	10°21	n.a.	S 20
M21	1 47 13	25°27'50	23°43	17°41	0♎35	27°21	8° 8	5°37	12°41	7°41	27°31	11°13	11°26	10°28	n.a.	M21
T 22	1 51 10	26°28'33	5♍32	18°32	1°50	27°13	8°21	5°44	12°44	7°42	27°31	11° 7	11°23	10°35	n.a.	T 22
W23	1 55 6	27°29'19	17°23	19°19	3° 5	27° 5	8°34	5°51	12°47	7°42	27°30	10°58	11°20	10°41	n.a.	W23
T 24	1 59 3	28°30'06	29°20	19°59	4°20	26°59	8°46	5°58	12°50	7°43	27°30	10°46	11°16	10°48	n.a.	T 24
F 25	2 2 59	29°30'55	11♎25	20°34	5°35	26°53	8°59	6° 5	12°53	7°44	27°29	10°33	11°13	10°55	n.a.	F 25
S 26	2 6 56	0♏31'45	23°39	21° 2	6°50	26°48	9°12	6°12	12°56	7°44	27°28	10°20	11°10	11° 1	n.a.	S 26
S 27	2 10 52	1°32'36	6♏ 4	21°22	8° 5	26°44	9°25	6°19	12°59	7°45	27°28	10° 7	11° 7	11° 8	n.a.	S 27
M28	2 14 49	2°33'29	18°39	21°34	9°20	26°41	9°37	6°26	13° 1	7°45	27°27	9°56	11° 4	11°15	n.a.	M28
T 29	2 18 45	3°34'23	1♐25	21°R36	10°36	26°39	9°50	6°33	13° 4	7°46	27°26	9°47	11° 1	11°21	n.a.	T 29
W30	2 22 42	4°35'18	14°21	21°29	11°51	26°37	10° 3	6°40	13° 7	7°46	27°26	9°41	10°57	11°28	n.a.	W30
T 31	2 26 39	5♏36'15	27♐28	21♏11	13♎ 6	26°D36	10♎15	6♏47	13♍10	7♑47	27♊25	9♋38	10♋54	11♍35	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	2s 8	14s37	3n54	10s15	1s31	10n49	1n25	1s37	2s52	0s27	1n10	10s51	2n 2	7n58	0n44	19n10	0n33	24n44	1n 3	23n 5	23n 6	12n31			n.a.
W 2	2 32	18 11	3 7	10 54	1 37	10 22	1 26	1 42	2 48	0 32	1 10	10 54	2 2	7 57	0 44	19 10	0 33	24 44	1 3	23 5	23 7	12 29			n.a.
T 3	2 56	20 56	2 9	11 31	1 43	9 56	1 28	1 47	2 44	0 37	1 10	10 56	2 2	7 56	0 44	19 9	0 33	24 44	1 3	23 6	23 7	12 26			n.a.
F 4	3 20	22 38	1 4	12 8	1 49	9 29	1 29	1 51	2 41	0 43	1 10	10 58	2 2	7 54	0 44	19 9	0 33	24 44	1 3	23 6	23 7	12 24			n.a.
S 5	3 44	23 5	0s 7	12 44	1 54	9 1	1 30	1 55	2 37	0 48	1 10	11 1	2 2	7 53	0 44	19 9	0 33	24 44	1 3	23 6	23 8	12 22			n.a.
S 6	4 8	22 7	1 19	13 19	2 0	8 34	1 31	2 0	2 33	0 53	1 10	11 3	2 2	7 52	0 44	19 8	0 33	24 44	1 3	23 6	23 8	12 20			n.a.
M 7	4 32	19 45	2 29	13 53	2 5	8 6	1 32	2 4	2 29	0 59	1 10	11 5	2 1	7 50	0 44	19 8	0 33	24 44	1 4	23 6	23 8	12 18			n.a.
T 8	4 56	16 3	3 30	14 27	2 10	7 38	1 33	2 7	2 26	1 4	1 10	11 8	2 1	7 49	0 44	19 8	0 33	24 44	1 4	23 6	23 8	12 16			n.a.
W 9	5 20	11 17	4 18	14 59	2 14	7 9	1 34	2 11	2 22	1 9	1 10	11 10	2 1	7 48	0 44	19 8	0 33	24 44	1 4	23 7	23 9	12 14			n.a.
T 10	5 43	5 46	4 49	15 31	2 19	6 41	1 35	2 14	2 18	1 14	1 10	11 13	2 1	7 46	0 44	19 7	0 33	24 45	1 4	23 8	23 9	12 12			n.a.
F 11	6 7	0n 5	5 0	16 1	2 23	6 12	1 35	2 17	2 14	1 20	1 10	11 15	2 1	7 45	0 44	19 7	0 33	24 45	1 4	23 9	23 9	12 10			n.a.
S 12	6 30	5 53	4 50	16 31	2 27	5 43	1 36	2 20	2 10	1 25	1 10	11 17	2 1	7 44	0 44	19 7	0 33	24 45	1 4	23 10	23 10	12 7			n.a.
S 13	6 54	11 15	4 21	16 59	2 30	5 14	1 37	2 22	2 6	1 30	1 10	11 20	2 1	7 43	0 44	19 7	0 33	24 45	1 4	23 11	23 10	12 5			n.a.
M14	7 17	15 51	3 37	17 26	2 33	4 45	1 37	2 24	2 3	1 35	1 10	11 22	2 1	7 41	0 44	19 6	0 33	24 45	1 4	23 12	23 10	12 3			n.a.
T 15	7 40	19 26	2 41	17 51	2 35	4 15	1 37	2 26	1 59	1 40	1 10	11 24	2 1	7 40	0 44	19 6	0 33	24 45	1 4	23 12	23 10	12 1			n.a.
W16	8 3	21 52	1 38	18 15	2 37	3 45	1 38	2 28	1 55	1 46	1 10	11 27	2 1	7 39	0 44	19 6	0 33	24 45	1 4	23 13	23 11	11 59			n.a.
T 17	8 26	23 4	0 32	18 38	2 39	3 16	1 38	2 29	1 51	1 51	1 10	11 29	2 1	7 38	0 44	19 6	0 33	24 45	1 5	23 13	23 11	11 57			n.a.
F 18	8 49	23 4	0n34	18 58	2 39	2 46	1 38	2 30	1 47	1 56	1 10	11 32	2 0	7 37	0 44	19 6	0 33	24 45	1 5	23 13	23 11	11 55			n.a.
S 19	9 12	21 58	1 37	19 17	2 40	2 16	1 38	2 31	1 44	2 1	1 10	11 34	2 0	7 35	0 44	19 5	0 33	24 45	1 5	23 13	23 12	11 52			n.a.
S 20	9 35	19 53	2 34	19 34	2 39	1 46	1 38	2 32	1 40	2 6	1 10	11 36	2 0	7 34	0 44	19 5	0 33	24 45	1 5	23 13	23 12	11 50			n.a.
M21	9 57	16 58	3 25	19 49	2 38	1 16	1 38	2 32	1 36	2 11	1 10	11 39	2 0	7 33	0 44	19 5	0 33	24 45	1 5	23 13	23 12	11 48			n.a.
T 22	10 19	13 23	4 6	20 1	2 36	0 45	1 38	2 32	1 33	2 16	1 10	11 41	2 0	7 32	0 44	19 5	0 33	24 46	1 5	23 14	23 12	11 46			n.a.
W23	10 42	9 16	4 36	20 11	2 32	0 15	1 38	2 32	1 29	2 22	1 10	11 44	2 0	7 31	0 44	19 5	0 33	24 46	1 5	23 15	23 13	11 44			n.a.
T 24	11 3	4 46	4 55	20 18	2 28	0s15	1 37	2 31	1 25	2 27	1 10	11 46	2 0	7 30	0 44	19 5	0 33	24 46	1 5	23 15	23 13	11 42			n.a.
F 25	11 25	0 3	5 1	20 23	2 23	0 46	1 37	2 30	1 22	2 32	1 10	11 48	2 0	7 29	0 44	19 4	0 33	24 46	1 5	23 17	23 13	11 39			n.a.
S 26	11 47	4s45	4 53	20 24	2 16	1 16	1 37	2 29	1 18	2 37	1 10	11 51	2 0	7 28	0 44	19 4	0 33	24 46	1 5	23 18	23 13	11 37			n.a.
S 27	12 8	9 25	4 31	20 22	2 9	1 46	1 36	2 27	1 15	2 42	1 10	11 53	2 0	7 26	0 45	19 4	0 33	24 46	1 5	23 19	23 14	11 35			n.a.
M28	12 30	13 47	3 56	20 16	1 59	2 17	1 35	2 25	1 11	2 47	1 10	11 56	2 0	7 25	0 45	19 4	0 33	24 46	1 6	23 19	23 14	11 33			n.a.
T 29	12 51	17 36	3 8	20 6	1 49	2 47	1 35	2 23	1 8	2 52	1 10	11 58	2 0	7 24	0 45	19 4	0 33	24 46	1 6	23 20	23 14	11 31			n.a.
W30	13 11	20 37	2 10	19 53	1 36	3 18	1 34	2 21	1 5	2 57	1 10	12 0	2 0	7 23	0 45	19 4	0 33	24 46	1 6	23 21	23 15	11 28			n.a.
T 31	13s32	22s36	1n 4	19s34	1s22	3s48	1n33	2s18	1s 2	3s 2	1n10	12s 3	2n 0	7n22	0n45	19n 4	0n34	24n46	1n 6	23n21	23n15	11n26			n.a.

Julian Day Number = 1704164.5, Delta T = 03h04m02s
Ecliptic obliquity = 23°42'01, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°42'56, Lahiri = - 4°35'56 Julian Calendar 1 Oct. 48 BCE == Greg. Calendar 29 Sept. 048 BCE

The year -47 astronomical counting style corresponds to year 048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 48 BCE
geocentric

NOVEMBER 48 BCE (-47) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 30 35	6♏37'12	10♑47	20°R42	14♎21	26♓36	10♎28	6♏54	13♍12	7♌47	27°R24	9°D38	10♋51	11♍42	n.a.	F 1
S 2	2 34 32	7°38'10	24°20	20♏ 2	15°36	26°37	10°40	7° 1	13°15	7°48	27♊24	9♋38	10°48	11°48	n.a.	S 2
S 3	2 38 28	8°39'09	8♒ 7	19°11	16°51	26°39	10°53	7° 8	13°17	7°48	27°23	9°R39	10°45	11°55	n.a.	S 3
M 4	2 42 25	9°40'09	22°10	18°10	18° 7	26°41	11° 5	7°15	13°20	7°48	27°22	9°38	10°41	12° 2	n.a.	M 4
T 5	2 46 21	10°41'09	6♓28	17° 1	19°22	26°44	11°17	7°22	13°22	7°48	27°21	9°35	10°38	12° 8	n.a.	T 5
W 6	2 50 18	11°42'10	20°58	15°44	20°37	26°48	11°30	7°29	13°25	7°49	27°20	9°30	10°35	12°15	n.a.	W 6
T 7	2 54 14	12°43'12	5♈37	14°23	21°52	26°53	11°42	7°36	13°27	7°49	27°20	9°23	10°32	12°22	n.a.	T 7
F 8	2 58 11	13°44'15	20°18	13° 0	23° 8	26°58	11°54	7°43	13°30	7°49	27°19	9°14	10°29	12°29	n.a.	F 8
S 9	3 2 8	14°45'18	4♉54	11°38	24°23	27° 4	12° 6	7°50	13°32	7°49	27°18	9° 5	10°26	12°35	n.a.	S 9
S 10	3 6 4	15°46'22	19°17	10°20	25°38	27°11	12°18	7°57	13°34	7°49	27°17	8°56	10°22	12°42	n.a.	S 10
M11	3 10 1	16°47'27	3♊21	9° 8	26°53	27°19	12°30	8° 4	13°36	7°49	27°16	8°49	10°19	12°49	n.a.	M11
T 12	3 13 57	17°48'33	17° 2	8° 4	28° 9	27°27	12°42	8°11	13°38	7°R49	27°15	8°45	10°16	12°55	n.a.	T 12
W13	3 17 54	18°49'40	0♋18	7°10	29°24	27°36	12°54	8°18	13°41	7°49	27°14	8°42	10°13	13° 2	n.a.	W13
T 14	3 21 50	19°50'48	13°10	6°26	0♏39	27°45	13° 6	8°25	13°43	7°49	27°13	8°D42	10°10	13° 9	n.a.	T 14
F 15	3 25 47	20°51'57	25°40	5°54	1°55	27°56	13°18	8°32	13°45	7°49	27°12	8°43	10° 7	13°15	n.a.	F 15
S 16	3 29 43	21°53'07	7♌53	5°33	3°10	28° 6	13°29	8°39	13°47	7°49	27°11	8°44	10° 3	13°22	n.a.	S 16
S 17	3 33 40	22°54'18	19°53	5°D23	4°25	28°18	13°41	8°46	13°49	7°49	27°10	8°R45	10° 0	13°29	n.a.	S 17
M18	3 37 37	23°55'29	1♍45	5°23	5°41	28°30	13°53	8°53	13°50	7°49	27° 9	8°45	9°57	13°36	n.a.	M18
T 19	3 41 33	24°56'41	13°36	5°32	6°56	28°42	14° 4	9° 0	13°52	7°49	27° 8	8°43	9°54	13°42	n.a.	T 19
W20	3 45 30	25°57'54	25°29	5°51	8°12	28°56	14°16	9° 7	13°54	7°48	27° 7	8°39	9°51	13°49	n.a.	W20
T 21	3 49 26	26°59'08	7♎29	6°17	9°27	29° 9	14°27	9°14	13°56	7°48	27° 6	8°33	9°47	13°56	n.a.	T 21
F 22	3 53 23	28° 0'22	19°39	6°51	10°43	29°24	14°38	9°20	13°57	7°48	27° 5	8°26	9°44	14° 2	n.a.	F 22
S 23	3 57 19	29° 1'37	2♏ 2	7°31	11°58	29°39	14°50	9°27	13°59	7°47	27° 3	8°18	9°41	14° 9	n.a.	S 23
S 24	4 1 16	0♐ 2'52	14°40	8°17	13°13	29°54	15° 1	9°34	14° 1	7°47	27° 2	8°11	9°38	14°16	n.a.	S 24
M25	4 5 12	1° 4'08	27°32	9° 8	14°29	0♈10	15°12	9°41	14° 2	7°47	27° 1	8° 5	9°35	14°23	n.a.	M25
T 26	4 9 9	2° 5'24	10♐39	10° 3	15°44	0°26	15°23	9°47	14° 4	7°46	27° 0	8° 0	9°32	14°29	n.a.	T 26
W27	4 13 6	3° 6'40	23°58	11° 3	17° 0	0°43	15°34	9°54	14° 5	7°46	26°59	7°57	9°28	14°36	n.a.	W27
T 28	4 17 2	4° 7'56	7♑30	12° 5	18°15	1° 1	15°44	10° 1	14° 6	7°45	26°58	7°D56	9°25	14°43	n.a.	T 28
F 29	4 20 59	5° 9'13	21°11	13°11	19°30	1°19	15°55	10° 7	14° 8	7°45	26°56	7°57	9°22	14°49	n.a.	F 29
S 30	4 24 55	6♐10'29	5♒ 2	14♏20	20♏46	1♈37	16♎ 6	10♏14	14♍ 9	7♌44	26♊55	7♋58	9♋19	14♍56	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13s52	23s22	0s 6	19s12	1s 7	4s18	1n32	2s15	0s58	3s 6	1n10	12s 5	2n 0	7n21	0n45	19n 4	0n34	24n46	1n 6	23n21	23n15	11n24		n.a.
S 2	14 13	22 45	1 18	18 45	0 50	4 48	1 31	2 12	0 55	3 11	1 10	12 7	2 0	7 20	0 45	19 4	0 34	24 46	1 6	23 21	23 15	11 22		n.a.
S 3	14 32	20 47	2 26	18 13	0 32	5 18	1 30	2 9	0 52	3 16	1 11	12 10	2 0	7 19	0 45	19 4	0 34	24 46	1 6	23 21	23 16	11 20		n.a.
M 4	14 52	17 32	3 27	17 37	0 12	5 48	1 29	2 5	0 49	3 21	1 11	12 12	2 0	7 18	0 45	19 4	0 34	24 47	1 6	23 21	23 16	11 17		n.a.
T 5	15 11	13 11	4 16	16 58	0n 8	6 18	1 28	2 1	0 46	3 26	1 11	12 14	2 0	7 18	0 45	19 3	0 34	24 47	1 6	23 21	23 16	11 15		n.a.
W 6	15 31	8 2	4 49	16 16	0 29	6 48	1 27	1 57	0 43	3 31	1 11	12 17	2 0	7 17	0 45	19 3	0 34	24 47	1 6	23 21	23 16	11 13		n.a.
T 7	15 49	2 23	5 4	15 33	0 49	7 17	1 26	1 52	0 40	3 35	1 11	12 19	1 59	7 16	0 45	19 3	0 34	24 47	1 6	23 22	23 17	11 11		n.a.
F 8	16 8	3n24	4 59	14 49	1 9	7 47	1 25	1 47	0 38	3 40	1 11	12 21	1 59	7 15	0 45	19 3	0 34	24 47	1 6	23 23	23 17	11 8		n.a.
S 9	16 26	8 59	4 35	14 6	1 28	8 16	1 23	1 42	0 35	3 45	1 11	12 24	1 59	7 14	0 45	19 3	0 34	24 47	1 7	23 23	23 17	11 6		n.a.
S 10	16 44	14 0	3 53	13 25	1 45	8 45	1 22	1 37	0 32	3 50	1 11	12 26	1 59	7 13	0 45	19 3	0 34	24 47	1 7	23 24	23 17	11 4		n.a.
M11	17 2	18 9	2 58	12 48	2 0	9 14	1 20	1 32	0 29	3 54	1 11	12 28	1 59	7 12	0 45	19 3	0 34	24 47	1 7	23 24	23 18	11 2		n.a.
T 12	17 20	21 10	1 54	12 15	2 14	9 42	1 19	1 26	0 27	3 59	1 11	12 30	1 59	7 12	0 45	19 3	0 34	24 47	1 7	23 24	23 18	11 0		n.a.
W13	17 37	22 57	0 45	11 47	2 25	10 11	1 17	1 20	0 24	4 3	1 11	12 33	1 59	7 11	0 45	19 3	0 34	24 47	1 7	23 25	23 18	10 57		n.a.
T 14	17 54	23 26	0n24	11 24	2 34	10 39	1 16	1 14	0 22	4 8	1 11	12 35	1 59	7 10	0 45	19 4	0 34	24 47	1 7	23 25	23 18	10 55		n.a.
F 15	18 10	22 43	1 30	11 7	2 40	11 7	1 14	1 8	0 19	4 13	1 11	12 37	1 59	7 9	0 45	19 4	0 34	24 47	1 7	23 25	23 19	10 53		n.a.
S 16	18 26	20 56	2 31	10 55	2 45	11 35	1 12	1 1	0 17	4 17	1 11	12 39	1 59	7 8	0 45	19 4	0 34	24 47	1 7	23 25	23 19	10 51		n.a.
S 17	18 42	18 14	3 24	10 49	2 48	12 2	1 10	0 54	0 14	4 22	1 12	12 42	1 59	7 8	0 45	19 4	0 34	24 47	1 7	23 24	23 19	10 48		n.a.
M18	18 57	14 48	4 7	10 48	2 49	12 29	1 8	0 47	0 12	4 26	1 12	12 44	1 59	7 7	0 45	19 4	0 34	24 47	1 7	23 24	23 19	10 46		n.a.
T 19	19 13	10 49	4 40	10 52	2 49	12 56	1 7	0 40	0 10	4 30	1 12	12 46	1 59	7 6	0 45	19 4	0 34	24 48	1 7	23 25	23 20	10 44		n.a.
W20	19 27	6 25	5 1	10 59	2 47	13 22	1 5	0 33	0 8	4 35	1 12	12 48	1 59	7 6	0 45	19 4	0 34	24 48	1 8	23 25	23 20	10 41		n.a.
T 21	19 42	1 43	5 9	11 10	2 45	13 48	1 3	0 25	0 6	4 39	1 12	12 50	1 59	7 5	0 45	19 4	0 34	24 48	1 8	23 25	23 20	10 39		n.a.
F 22	19 56	3s 6	5 3	11 25	2 41	14 14	1 1	0 18	0 3	4 43	1 12	12 53	2 0	7 4	0 45	19 4	0 34	24 48	1 8	23 26	23 20	10 37		n.a.
S 23	20 10	7 53	4 43	11 42	2 37	14 40	0 59	0 10	0 1	4 48	1 12	12 55	2 0	7 4	0 45	19 4	0 34	24 48	1 8	23 26	23 21	10 35		n.a.
S 24	20 23	12 27	4 9	12 2	2 31	15 5	0 57	0 2	0n 1	4 52	1 12	12 57	2 0	7 3	0 45	19 4	0 34	24 48	1 8	23 27	23 21	10 32		n.a.
M25	20 36	16 33	3 22	12 24	2 26	15 29	0 55	0n 6	0 3	4 56	1 12	12 59	2 0	7 3	0 46	19 5	0 34	24 48	1 8	23 27	23 21	10 30		n.a.
T 26	20 48	19 55	2 23	12 47	2 20	15 54	0 52	0 15	0 5	5 0	1 12	13 1	2 0	7 2	0 46	19 5	0 34	24 48	1 8	23 27	23 21	10 28		n.a.
W27	21 0	22 18	1 15	13 12	2 13	16 18	0 50	0 23	0 6	5 5	1 13	13 3	2 0	7 2	0 46	19 5	0 34	24 48	1 8	23 28	23 21	10 25		n.a.
T 28	21 12	23 27	0 2	13 38	2 6	16 41	0 48	0 32	0 8	5 9	1 13	13 5	2 0	7 1	0 46	19 5	0 34	24 48	1 8	23 28	23 22	10 23		n.a.
F 29	21 24	23 12	1s12	14 5	1 59	17 4	0 46	0 41	0 10	5 13	1 13	13 7	2 0	7 1	0 46	19 5	0 34	24 48	1 8	23 28	23 22	10 21		n.a.
S 30	21s34	21s31	2s23	14s33	1n51	17s26	0n44	0n50	0n12	5s17	1n13	13s 9	2n 0	7n 0	0n46	19n 5	0n34	24n48	1n 8	23n27	23n22	10n19		n.a.

Julian Day Number = 1704195.5, Delta T = 03h04m01s
Ecliptic obliquity = 23°42'01, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°42'52, Lahiri = - 4°35'52 Julian Calendar 1 Nov. 48 BCE == Greg. Calendar 30 Oct. 048 BCE

The year -47 astronomical counting style corresponds to year 048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 48 BCE
geocentric

DECEMBER 48 BCE (-47) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 28 52	7♐11'45	18♒59	15♏31	22♏ 1	1♈56	16♎16	10♏21	14♍10	7°R43	26°R54	8♋ 0	9♋16	15♍ 3	n.a.	S 1
M 2	4 32 48	8°13'00	3♓ 4	16°44	23°17	2°15	16°27	10°27	14°11	7♎43	26♊53	8°R 1	9°13	15°10	n.a.	M 2
T 3	4 36 45	9°14'15	17°14	17°59	24°32	2°35	16°37	10°34	14°12	7°42	26°52	8° 1	9° 9	15°16	n.a.	T 3
W 4	4 40 42	10°15'30	1♈27	19°16	25°48	2°55	16°47	10°40	14°13	7°41	26°50	7°59	9° 6	15°23	n.a.	W 4
T 5	4 44 38	11°16'45	15°41	20°34	27° 3	3°15	16°58	10°46	14°14	7°41	26°49	7°57	9° 3	15°30	n.a.	T 5
F 6	4 48 35	12°17'59	29°53	21°54	28°18	3°36	17° 8	10°53	14°15	7°40	26°48	7°53	9° 0	15°36	n.a.	F 6
S 7	4 52 31	13°19'12	13♉58	23°15	29°34	3°58	17°18	10°59	14°16	7°39	26°47	7°49	8°57	15°43	n.a.	S 7
S 8	4 56 28	14°20'26	27°53	24°37	0♐49	4°19	17°27	11° 5	14°17	7°38	26°45	7°45	8°53	15°50	n.a.	S 8
M 9	5 0 24	15°21'39	11♊34	26° 0	2° 5	4°41	17°37	11°12	14°18	7°37	26°44	7°43	8°50	15°57	n.a.	M 9
T 10	5 4 21	16°22'52	24°59	27°24	3°20	5° 4	17°47	11°18	14°18	7°36	26°43	7°41	8°47	16° 3	n.a.	T 10
W11	5 8 17	17°24'04	8♋ 4	28°48	4°35	5°27	17°56	11°24	14°19	7°36	26°41	7°D41	8°44	16°10	n.a.	W11
T 12	5 12 14	18°25'16	20°51	0♐14	5°51	5°50	18° 6	11°30	14°20	7°35	26°40	7°41	8°41	16°17	n.a.	T 12
F 13	5 16 11	19°26'28	3♌21	1°40	7° 6	6°13	18°15	11°36	14°20	7°34	26°39	7°42	8°38	16°23	n.a.	F 13
S 14	5 20 7	20°27'40	15°35	3° 7	8°21	6°37	18°24	11°42	14°21	7°33	26°38	7°44	8°34	16°30	n.a.	S 14
S 15	5 24 4	21°28'51	27°37	4°35	9°37	7° 1	18°33	11°48	14°21	7°32	26°36	7°45	8°31	16°37	n.a.	S 15
M16	5 28 0	22°30'02	9♍32	6° 3	10°52	7°25	18°42	11°54	14°21	7°31	26°35	7°46	8°28	16°44	n.a.	M16
T 17	5 31 57	23°31'13	21°24	7°32	12° 8	7°50	18°51	12° 0	14°22	7°29	26°34	7°R47	8°25	16°50	n.a.	T 17
W18	5 35 53	24°32'23	3♎17	9° 2	13°23	8°15	19° 0	12° 6	14°22	7°28	26°32	7°47	8°22	16°57	n.a.	W18
T 19	5 39 50	25°33'33	15°17	10°32	14°38	8°40	19° 9	12°12	14°22	7°27	26°31	7°46	8°19	17° 4	n.a.	T 19
F 20	5 43 46	26°34'43	27°29	12° 2	15°54	9° 5	19°17	12°17	14°22	7°26	26°30	7°45	8°15	17°10	n.a.	F 20
S 21	5 47 43	27°35'52	9♏55	13°34	17° 9	9°31	19°26	12°23	14°22	7°25	26°28	7°43	8°12	17°17	n.a.	S 21
S 22	5 51 40	28°37'00	22°39	15° 5	18°24	9°57	19°34	12°29	14°R22	7°24	26°27	7°42	8° 9	17°24	n.a.	S 22
M23	5 55 36	29°38'08	5♐43	16°38	19°40	10°23	19°42	12°34	14°22	7°22	26°26	7°41	8° 6	17°31	n.a.	M23
T 24	5 59 33	0♑39'16	19° 6	18°11	20°55	10°50	19°50	12°40	14°22	7°21	26°24	7°40	8° 3	17°37	n.a.	T 24
W25	6 3 29	1°40'22	2♑49	19°44	22°10	11°17	19°58	12°45	14°22	7°20	26°23	7°D40	7°59	17°44	n.a.	W25
T 26	6 7 26	2°41'28	16°47	21°18	23°26	11°44	20° 6	12°51	14°22	7°19	26°22	7°40	7°56	17°51	n.a.	T 26
F 27	6 11 22	3°42'32	0♒58	22°53	24°41	12°11	20°13	12°56	14°22	7°17	26°21	7°40	7°53	17°57	n.a.	F 27
S 28	6 15 19	4°43'36	15°16	24°29	25°56	12°39	20°21	13° 1	14°21	7°16	26°19	7°40	7°50	18° 4	n.a.	S 28
S 29	6 19 16	5°44'38	29°38	26° 5	27°11	13° 6	20°28	13° 6	14°21	7°15	26°18	7°40	7°47	18°11	n.a.	S 29
M30	6 23 12	6°45'39	14♓ 0	27°41	28°27	13°34	20°35	13°11	14°20	7°13	26°17	7°41	7°44	18°18	n.a.	M30
T 31	6 27 9	7♑46'38	28♓16	29♐19	29♐42	14♈ 2	20♎42	13♏16	14♍20	7♎12	26♊15	7°R41	7♋40	18♍24	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s45	18s33	3s26	15s 1	1n44	17s48	0n41	0n59	0n14	5s21	1n13	13s11	2n 0	7n 0	0n46	19n 6	0n34	24n48	1n 8	23n27	23n22	10n16		n.a.
M 2	21 55	14 29	4 17	15 29	1 36	18 10	0 39	1 8	0 15	5 25	1 13	13 13	2 0	6 59	0 46	19 6	0 34	24 48	1 8	23 27	23 23	10 14		n.a.
T 3	22 5	9 35	4 53	15 58	1 28	18 31	0 37	1 18	0 17	5 28	1 13	13 15	2 0	6 59	0 46	19 6	0 35	24 48	1 9	23 27	23 23	10 12		n.a.
W 4	22 14	4 10	5 11	16 27	1 20	18 52	0 34	1 27	0 19	5 32	1 13	13 17	2 0	6 59	0 46	19 6	0 35	24 48	1 9	23 27	23 23	10 9		n.a.
T 5	22 23	1n28	5 10	16 56	1 12	19 12	0 32	1 37	0 20	5 36	1 14	13 19	2 0	6 58	0 46	19 6	0 35	24 48	1 9	23 28	23 23	10 7		n.a.
F 6	22 31	7 1	4 51	17 24	1 4	19 31	0 30	1 47	0 22	5 40	1 14	13 21	2 0	6 58	0 46	19 7	0 35	24 48	1 9	23 28	23 23	10 5		n.a.
S 7	22 39	12 10	4 13	17 53	0 56	19 50	0 27	1 57	0 23	5 44	1 14	13 23	2 0	6 58	0 46	19 7	0 35	24 48	1 9	23 28	23 24	10 2		n.a.
S 8	22 46	16 38	3 22	18 21	0 48	20 9	0 25	2 7	0 25	5 47	1 14	13 25	2 0	6 57	0 46	19 7	0 35	24 48	1 9	23 28	23 24	10 0		n.a.
M 9	22 53	20 8	2 19	18 49	0 40	20 26	0 22	2 17	0 26	5 51	1 14	13 27	2 0	6 57	0 46	19 7	0 35	24 49	1 9	23 28	23 24	9 58		n.a.
T 10	23 0	22 27	1 9	19 16	0 33	20 44	0 20	2 27	0 28	5 55	1 14	13 29	2 0	6 57	0 46	19 8	0 35	24 49	1 9	23 28	23 24	9 55		n.a.
W11	23 6	23 29	0n 2	19 42	0 25	21 0	0 17	2 38	0 29	5 58	1 14	13 31	2 0	6 57	0 46	19 8	0 35	24 49	1 9	23 29	23 25	9 53		n.a.
T 12	23 11	23 15	1 12	20 8	0 17	21 16	0 15	2 48	0 30	6 2	1 15	13 32	2 0	6 57	0 46	19 8	0 35	24 49	1 9	23 28	23 25	9 51		n.a.
F 13	23 16	21 50	2 17	20 34	0 10	21 32	0 13	2 59	0 32	6 5	1 15	13 34	2 1	6 56	0 46	19 8	0 35	24 49	1 9	23 28	23 25	9 48		n.a.
S 14	23 21	19 26	3 14	20 58	0 2	21 46	0 10	3 9	0 33	6 8	1 15	13 36	2 1	6 56	0 46	19 9	0 35	24 49	1 9	23 28	23 25	9 46		n.a.
S 15	23 25	16 13	4 2	21 22	0s 5	22 0	0 8	3 20	0 34	6 12	1 15	13 38	2 1	6 56	0 46	19 9	0 35	24 49	1 9	23 28	23 25	9 44		n.a.
M16	23 29	12 22	4 39	21 45	0 12	22 14	0 5	3 31	0 35	6 15	1 15	13 40	2 1	6 56	0 46	19 9	0 35	24 49	1 9	23 28	23 26	9 41		n.a.
T 17	23 32	8 5	5 4	22 8	0 19	22 27	0 3	3 42	0 37	6 18	1 15	13 41	2 1	6 56	0 46	19 10	0 35	24 49	1 10	23 28	23 26	9 39		n.a.
W18	23 35	3 30	5 15	22 29	0 26	22 39	0 0	3 53	0 38	6 22	1 15	13 43	2 1	6 56	0 46	19 10	0 35	24 49	1 10	23 28	23 26	9 37		n.a.
T 19	23 37	1s16	5 14	22 49	0 33	22 50	0s 2	4 4	0 39	6 25	1 16	13 45	2 1	6 56	0 47	19 10	0 35	24 49	1 10	23 28	23 26	9 34		n.a.
F 20	23 39	6 3	4 58	23 8	0 40	23 1	0 5	4 15	0 40	6 28	1 16	13 46	2 1	6 56	0 47	19 11	0 35	24 49	1 10	23 28	23 26	9 32		n.a.
S 21	23 41	10 43	4 28	23 26	0 46	23 11	0 7	4 26	0 41	6 31	1 16	13 48	2 1	6 56	0 47	19 11	0 35	24 49	1 10	23 28	23 27	9 30		n.a.
S 22	23 42	15 1	3 44	23 43	0 52	23 21	0 9	4 38	0 42	6 34	1 16	13 50	2 1	6 56	0 47	19 11	0 35	24 49	1 10	23 28	23 27	9 27		n.a.
M23	23 42	18 44	2 48	23 59	0 58	23 29	0 12	4 49	0 43	6 37	1 16	13 51	2 1	6 56	0 47	19 12	0 35	24 49	1 10	23 28	23 27	9 25		n.a.
T 24	23 42	21 34	1 41	24 14	1 4	23 37	0 14	5 1	0 44	6 40	1 16	13 53	2 1	6 56	0 47	19 12	0 35	24 49	1 10	23 29	23 27	9 22		n.a.
W25	23 41	23 13	0 27	24 28	1 10	23 44	0 17	5 12	0 45	6 43	1 17	13 54	2 2	6 56	0 47	19 12	0 35	24 49	1 10	23 29	23 27	9 20		n.a.
T 26	23 40	23 28	0s50	24 40	1 15	23 51	0 19	5 24	0 46	6 45	1 17	13 56	2 2	6 56	0 47	19 13	0 35	24 49	1 10	23 29	23 28	9 18		n.a.
F 27	23 39	22 12	2 6	24 51	1 20	23 57	0 21	5 35	0 47	6 48	1 17	13 57	2 2	6 56	0 47	19 13	0 35	24 49	1 10	23 29	23 28	9 15		n.a.
S 28	23 37	19 31	3 14	25 0	1 25	24 2	0 24	5 47	0 48	6 51	1 17	13 59	2 2	6 57	0 47	19 13	0 35	24 49	1 10	23 29	23 28	9 13		n.a.
S 29	23 34	15 37	4 10	25 8	1 30	24 6	0 26	5 59	0 49	6 53	1 17	14 0	2 2	6 57	0 47	19 14	0 35	24 49	1 10	23 29	23 28	9 10		n.a.
M30	23 32	10 49	4 51	25 15	1 34	24 10	0 28	6 11	0 50	6 56	1 17	14 2	2 2	6 57	0 47	19 14	0 35	24 49	1 10	23 29	23 28	9 8		n.a.
T 31	23s28	5s28	5s13	25s20	1s38	24s12	0s30	6n23	0n51	6s58	1n18	14s 3	2n 2	6n57	0n47	19n14	0n35	24n49	1n10	23n28	23n29	9n 6		n.a.

Julian Day Number = 1704225.5, Delta T = 03h04m00s
Ecliptic obliquity = 23°42'01, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°42'48, Lahiri = - 4°35'48 Julian Calendar 1 Dec. 48 BCE == Greg. Calendar 29 Nov. 048 BCE

The year -47 astronomical counting style corresponds to year 048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 47 BCE
geocentric

JANUARY 47 BCE (-46) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 31 5	8♉47'36	12♈26	0♉56	0♉57	14♈31	20♎49	13♏21	14°R19	7°R10	26°R14	7°D41	7♋37	18♍31	n.a.	W 1
T 2	6 35 2	9°48'32	26°27	2°35	2°12	14°59	20°56	13°26	14♍19	7♌ 9	26♊13	7♋41	7°34	18°38	n.a.	T 2
F 3	6 38 58	10°49'27	10♉17	4°14	3°28	15°28	21° 3	13°31	14°18	7° 8	26°12	7°41	7°31	18°44	n.a.	F 3
S 4	6 42 55	11°50'21	23°55	5°54	4°43	15°57	21° 9	13°36	14°18	7° 6	26°10	7°41	7°28	18°51	n.a.	S 4
S 5	6 46 51	12°51'13	7♊21	7°35	5°58	16°26	21°15	13°41	14°17	7° 5	26° 9	7°42	7°25	18°58	n.a.	S 5
M 6	6 50 48	13°52'04	20°35	9°17	7°13	16°55	21°21	13°45	14°16	7° 3	26° 8	7°42	7°21	19° 5	n.a.	M 6
T 7	6 54 45	14°52'53	3♋35	10°59	8°28	17°25	21°27	13°50	14°15	7° 2	26° 7	7°R43	7°18	19°11	n.a.	T 7
W 8	6 58 41	15°53'41	16°22	12°42	9°44	17°55	21°33	13°54	14°14	7° 0	26° 5	7°42	7°15	19°18	n.a.	W 8
T 9	7 2 38	16°54'28	28°56	14°26	10°59	18°24	21°39	13°59	14°13	6°59	26° 4	7°42	7°12	19°25	n.a.	T 9
F 10	7 6 34	17°55'13	11♌18	16°10	12°14	18°54	21°45	14° 3	14°12	6°57	26° 3	7°41	7° 9	19°31	n.a.	F 10
S 11	7 10 31	18°55'56	23°28	17°55	13°29	19°24	21°50	14° 7	14°11	6°55	26° 2	7°39	7° 5	19°38	n.a.	S 11
S 12	7 14 27	19°56'39	5♍30	19°42	14°44	19°55	21°55	14°11	14°10	6°54	26° 1	7°37	7° 2	19°45	n.a.	S 12
M13	7 18 24	20°57'20	17°24	21°29	15°59	20°25	22° 0	14°16	14° 9	6°52	25°59	7°36	6°59	19°52	n.a.	M13
T 14	7 22 20	21°58'00	29°16	23°16	17°14	20°56	22° 5	14°20	14° 8	6°51	25°58	7°34	6°56	19°58	n.a.	T 14
W15	7 26 17	22°58'38	11♎10	25° 5	18°29	21°26	22°10	14°24	14° 6	6°49	25°57	7°33	6°53	20° 5	n.a.	W15
T 16	7 30 14	23°59'15	23° 8	26°54	19°44	21°57	22°14	14°27	14° 5	6°47	25°56	7°D32	6°50	20°12	n.a.	T 16
F 17	7 34 10	24°59'51	5♏17	28°43	21° 0	22°28	22°19	14°31	14° 4	6°46	25°55	7°33	6°46	20°18	n.a.	F 17
S 18	7 38 7	26° 0'26	17°41	0♒34	22°15	22°59	22°23	14°35	14° 2	6°44	25°54	7°34	6°43	20°25	n.a.	S 18
S 19	7 42 3	27° 0'59	0♐23	2°25	23°30	23°31	22°27	14°38	14° 1	6°43	25°53	7°35	6°40	20°32	n.a.	S 19
M20	7 46 0	28° 1'31	13°29	4°16	24°45	24° 2	22°31	14°42	13°59	6°41	25°51	7°37	6°37	20°39	n.a.	M20
T 21	7 49 56	29° 2'01	26°59	6° 8	26° 0	24°33	22°35	14°45	13°58	6°39	25°50	7°38	6°34	20°45	n.a.	T 21
W22	7 53 53	0♒ 2'30	10♉53	8° 0	27°15	25° 5	22°38	14°49	13°56	6°38	25°49	7°R38	6°31	20°52	n.a.	W22
T 23	7 57 49	1° 2'57	25°11	9°52	28°30	25°37	22°41	14°52	13°55	6°36	25°48	7°37	6°27	20°59	n.a.	T 23
F 24	8 1 46	2° 3'22	9♒47	11°44	29°45	26° 9	22°45	14°55	13°53	6°34	25°47	7°35	6°24	21° 6	n.a.	F 24
S 25	8 5 43	3° 3'46	24°34	13°35	1♒ 0	26°41	22°48	14°58	13°51	6°33	25°46	7°32	6°21	21°12	n.a.	S 25
S 26	8 9 39	4° 4'07	9♓26	15°26	2°15	27°13	22°50	15° 1	13°50	6°31	25°45	7°28	6°18	21°19	n.a.	S 26
M27	8 13 36	5° 4'27	24°13	17°16	3°30	27°45	22°53	15° 4	13°48	6°29	25°44	7°24	6°15	21°26	n.a.	M27
T 28	8 17 32	6° 4'44	8♈49	19° 4	4°45	28°17	22°55	15° 7	13°46	6°28	25°43	7°21	6°11	21°32	n.a.	T 28
W29	8 21 29	7° 4'59	23° 9	20°51	5°59	28°50	22°58	15°10	13°44	6°26	25°42	7°19	6° 8	21°39	n.a.	W29
T 30	8 25 25	8° 5'12	7♉10	22°36	7°14	29°22	23° 0	15°12	13°42	6°24	25°41	7°D18	6° 5	21°46	n.a.	T 30
F 31	8 29 22	9♒ 5'23	20♉52	24♒18	8♒29	29♈55	23♎ 2	15♏15	13♍40	6♌23	25♊41	7♋19	6♋ 2	21♍53	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s24	0n 7	5s16	25s24	1s42	24s14	0s33	6n34	0n52	7s 1	1n18	14s 5	2n 2	6n57	0n47	19n15	0n35	24n49	1n11	23n28	23n29	9n 3		n.a.
T 2	23 20	5 39	5 0	25 26	1 46	24 16	0 35	6 46	0 53	7 3	1 18	14 6	2 2	6 58	0 47	19 15	0 35	24 49	1 11	23 28	23 29	9 1		n.a.
F 3	23 15	10 50	4 27	25 27	1 49	24 16	0 37	6 58	0 53	7 6	1 18	14 7	2 3	6 58	0 47	19 16	0 35	24 49	1 11	23 28	23 29	8 58		n.a.
S 4	23 10	15 24	3 40	25 26	1 52	24 16	0 39	7 10	0 54	7 8	1 18	14 9	2 3	6 58	0 47	19 16	0 35	24 49	1 11	23 28	23 29	8 56		n.a.
S 5	23 4	19 8	2 41	25 23	1 54	24 15	0 41	7 22	0 55	7 10	1 19	14 10	2 3	6 59	0 47	19 16	0 35	24 49	1 11	23 28	23 29	8 54		n.a.
M 6	22 58	21 48	1 34	25 19	1 57	24 13	0 43	7 35	0 56	7 12	1 19	14 11	2 3	6 59	0 47	19 17	0 35	24 49	1 11	23 28	23 30	8 51		n.a.
T 7	22 52	23 16	0 23	25 12	1 58	24 11	0 45	7 47	0 56	7 14	1 19	14 12	2 3	6 59	0 47	19 17	0 35	24 49	1 11	23 28	23 30	8 49		n.a.
W 8	22 45	23 29	0n48	25 5	2 0	24 7	0 47	7 59	0 57	7 16	1 19	14 14	2 3	7 0	0 47	19 18	0 35	24 49	1 11	23 28	23 30	8 46		n.a.
T 9	22 37	22 28	1 55	24 55	2 1	24 3	0 49	8 11	0 58	7 18	1 19	14 15	2 3	7 0	0 47	19 18	0 35	24 49	1 11	23 28	23 30	8 44		n.a.
F 10	22 29	20 23	2 55	24 43	2 2	23 59	0 51	8 23	0 59	7 20	1 19	14 16	2 4	7 1	0 47	19 19	0 35	24 49	1 11	23 28	23 30	8 41		n.a.
S 11	22 21	17 24	3 47	24 30	2 2	23 53	0 53	8 35	0 59	7 22	1 20	14 17	2 4	7 1	0 47	19 19	0 35	24 49	1 11	23 29	23 30	8 39		n.a.
S 12	22 12	13 44	4 28	24 15	2 2	23 47	0 55	8 48	1 0	7 24	1 20	14 18	2 4	7 1	0 47	19 19	0 36	24 50	1 11	23 29	23 31	8 37		n.a.
M13	22 3	9 34	4 57	23 57	2 1	23 40	0 57	9 0	1 1	7 25	1 20	14 19	2 4	7 2	0 48	19 20	0 36	24 50	1 11	23 29	23 31	8 34		n.a.
T 14	21 53	5 4	5 13	23 38	2 0	23 32	0 58	9 12	1 1	7 27	1 20	14 20	2 4	7 2	0 48	19 20	0 36	24 50	1 11	23 29	23 31	8 32		n.a.
W15	21 43	0 22	5 15	23 17	1 58	23 24	1 0	9 24	1 2	7 29	1 20	14 21	2 4	7 3	0 48	19 21	0 36	24 50	1 11	23 29	23 31	8 29		n.a.
T 16	21 33	4s23	5 4	22 54	1 56	23 15	1 2	9 36	1 2	7 30	1 21	14 22	2 4	7 4	0 48	19 21	0 36	24 50	1 11	23 29	23 31	8 27		n.a.
F 17	21 22	9 2	4 40	22 29	1 53	23 5	1 3	9 49	1 3	7 32	1 21	14 23	2 4	7 4	0 48	19 21	0 36	24 50	1 11	23 29	23 31	8 24		n.a.
S 18	21 11	13 25	4 2	22 2	1 50	22 54	1 5	10 1	1 4	7 33	1 21	14 24	2 5	7 5	0 48	19 22	0 36	24 50	1 11	23 29	23 32	8 22		n.a.
S 19	20 59	17 20	3 11	21 33	1 46	22 43	1 6	10 13	1 4	7 34	1 21	14 25	2 5	7 5	0 48	19 22	0 36	24 50	1 12	23 29	23 32	8 19		n.a.
M20	20 47	20 32	2 9	21 2	1 41	22 31	1 8	10 25	1 5	7 36	1 21	14 26	2 5	7 6	0 48	19 23	0 36	24 50	1 12	23 29	23 32	8 17		n.a.
T 21	20 35	22 42	0 58	20 30	1 36	22 19	1 9	10 38	1 5	7 37	1 22	14 27	2 5	7 7	0 48	19 23	0 36	24 50	1 12	23 29	23 32	8 15		n.a.
W22	20 22	23 33	0s18	19 55	1 30	22 5	1 11	10 50	1 6	7 38	1 22	14 28	2 5	7 7	0 48	19 24	0 36	24 50	1 12	23 29	23 32	8 12		n.a.
T 23	20 9	22 53	1 35	19 19	1 24	21 51	1 12	11 2	1 6	7 39	1 22	14 29	2 5	7 8	0 48	19 24	0 36	24 50	1 12	23 29	23 32	8 10		n.a.
F 24	19 55	20 41	2 48	18 41	1 17	21 37	1 13	11 14	1 7	7 40	1 22	14 29	2 6	7 8	0 48	19 25	0 36	24 50	1 12	23 29	23 33	8 7		n.a.
S 25	19 41	17 5	3 50	18 1	1 9	21 22	1 14	11 26	1 7	7 41	1 23	14 30	2 6	7 9	0 48	19 25	0 36	24 50	1 12	23 29	23 33	8 5		n.a.
S 26	19 27	12 23	4 37	17 20	1 0	21 6	1 15	11 39	1 8	7 42	1 23	14 31	2 6	7 10	0 48	19 25	0 36	24 50	1 12	23 29	23 33	8 2		n.a.
M27	19 12	6 59	5 5	16 38	0 51	20 49	1 16	11 51	1 8	7 43	1 23	14 32	2 6	7 11	0 48	19 26	0 36	24 50	1 12	23 29	23 33	8 0		n.a.
T 28	18 57	1 15	5 13	15 55	0 41	20 32	1 17	12 3	1 9	7 43	1 23	14 32	2 6	7 11	0 48	19 26	0 36	24 50	1 12	23 30	23 33	7 57		n.a.
W29	18 42	4n26	5 1	15 11	0 30	20 15	1 18	12 15	1 9	7 44	1 23	14 33	2 6	7 12	0 48	19 27	0 36	24 50	1 12	23 30	23 33	7 55		n.a.
T 30	18 27	9 46	4 32	14 26	0 19	19 56	1 19	12 27	1 10	7 45	1 24	14 33	2 7	7 13	0 48	19 27	0 36	24 50	1 12	23 30	23 34	7 52		n.a.
F 31	18s11	14n31	3s47	13s41	0s 7	19s38	1s20	12n39	1n10	7s45	1n24	14s34	2n 7	7n14	0n48	19n28	0n36	24n50	1n12	23n30	23n34	7n50		n.a.

Julian Day Number = 1704256.5, Delta T = 03h03m59s
Ecliptic obliquity = 23°42'01, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°42'44, Lahiri = - 4°35'43 Julian Calendar 1 Jan. 47 BCE == Greg. Calendar 30 Dec. 048 BCE

The year -46 astronomical counting style corresponds to year 047 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 47 BCE
geocentric

FEBRUARY 47 BCE (-46) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 33 18	10♒ 5'32	4♊15	25♒57	9♒44	0♉27	23♎ 3	15♏17	13°R38	6°R21	25°R40	7♋20	5♋59	21♍59	n.a.	S 1
S 2	8 37 15	11° 5'38	17°21	27°33	10°59	1° 0	23° 5	15°20	13♍36	6♌19	25♊39	7°22	5°56	22° 6	n.a.	S 2
M 3	8 41 12	12° 5'43	0♋13	29° 4	12°14	1°33	23° 6	15°22	13°34	6°18	25°38	7°23	5°52	22°13	n.a.	M 3
T 4	8 45 8	13° 5'45	12°51	0♓30	13°29	2° 6	23° 7	15°24	13°32	6°16	25°37	7°R23	5°49	22°19	n.a.	T 4
W 5	8 49 5	14° 5'45	25°19	1°51	14°43	2°39	23° 8	15°26	13°30	6°14	25°36	7°21	5°46	22°26	n.a.	W 5
T 6	8 53 1	15° 5'43	7♌37	3° 7	15°58	3°12	23° 9	15°28	13°28	6°13	25°35	7°18	5°43	22°33	n.a.	T 6
F 7	8 56 58	16° 5'38	19°47	4°15	17°13	3°45	23°10	15°30	13°26	6°11	25°35	7°13	5°40	22°40	n.a.	F 7
S 8	9 0 54	17° 5'32	1♍50	5°17	18°28	4°19	23°10	15°32	13°23	6° 9	25°34	7° 6	5°37	22°46	n.a.	S 8
S 9	9 4 51	18° 5'24	13°48	6°11	19°42	4°52	23°10	15°33	13°21	6° 8	25°33	6°58	5°33	22°53	n.a.	S 9
M10	9 8 47	19° 5'14	25°41	6°58	20°57	5°25	23°R10	15°35	13°19	6° 6	25°33	6°50	5°30	23° 0	n.a.	M10
T 11	9 12 44	20° 5'02	7♎33	7°36	22°12	5°59	23°10	15°37	13°17	6° 4	25°32	6°42	5°27	23° 6	n.a.	T 11
W12	9 16 41	21° 4'48	19°26	8° 6	23°27	6°32	23°10	15°38	13°14	6° 3	25°31	6°36	5°24	23°13	n.a.	W12
T 13	9 20 37	22° 4'32	1♏24	8°28	24°41	7° 6	23° 9	15°39	13°12	6° 1	25°30	6°32	5°21	23°20	n.a.	T 13
F 14	9 24 34	23° 4'14	13°30	8°41	25°56	7°40	23° 9	15°40	13°10	6° 0	25°30	6°29	5°17	23°27	n.a.	F 14
S 15	9 28 30	24° 3'55	25°50	8°R45	27°11	8°13	23° 8	15°41	13° 7	5°58	25°29	6°D29	5°14	23°33	n.a.	S 15
S 16	9 32 27	25° 3'34	8♐27	8°41	28°25	8°47	23° 7	15°42	13° 5	5°56	25°29	6°29	5°11	23°40	n.a.	S 16
M17	9 36 23	26° 3'11	21°27	8°29	29°40	9°21	23° 5	15°43	13° 2	5°55	25°28	6°31	5° 8	23°47	n.a.	M17
T 18	9 40 20	27° 2'46	4♑53	8° 9	0♓54	9°55	23° 4	15°44	13° 0	5°53	25°28	6°R31	5° 5	23°54	n.a.	T 18
W19	9 44 16	28° 2'19	18°47	7°42	2° 9	10°29	23° 2	15°45	12°58	5°52	25°27	6°31	5° 2	24° 0	n.a.	W19
T 20	9 48 13	29° 1'51	3♒10	7° 9	3°24	11° 3	23° 0	15°45	12°55	5°50	25°27	6°28	4°58	24° 7	n.a.	T 20
F 21	9 52 10	0♓ 1'20	17°57	6°29	4°38	11°37	22°58	15°46	12°53	5°49	25°26	6°23	4°55	24°14	n.a.	F 21
S 22	9 56 6	1° 0'47	3♓ 1	5°46	5°53	12°12	22°56	15°46	12°50	5°47	25°26	6°16	4°52	24°20	n.a.	S 22
S 23	10 0 3	2° 0'12	18°14	4°58	7° 7	12°46	22°54	15°47	12°48	5°46	25°25	6° 7	4°49	24°27	n.a.	S 23
M24	10 3 59	2°59'35	3♈25	4° 7	8°22	13°20	22°51	15°47	12°45	5°44	25°25	5°59	4°46	24°34	n.a.	M24
T 25	10 7 56	3°58'56	18°22	3°15	9°36	13°55	22°48	15°R47	12°43	5°43	25°25	5°51	4°42	24°41	n.a.	T 25
W26	10 11 52	4°58'14	2♉59	2°23	10°51	14°29	22°45	15°47	12°40	5°41	25°24	5°45	4°39	24°47	n.a.	W26
T 27	10 15 49	5°57'30	17°12	1°31	12° 5	15° 3	22°42	15°47	12°37	5°40	25°24	5°41	4°36	24°54	n.a.	T 27
F 28	10 19 45	6♓56'43	0♊58	0♓40	13♓19	15♉38	22♎39	15♏47	12♍35	5♌39	25♊24	5♋39	4♋33	25♍ 1	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s55	18n25	2s51	12s55	0n 5	19s18	1s21	12n51	1n10	7s46	1n24	14s35	2n 7	7n14	0n48	19n28	0n36	24n50	1n12	23n30	23n34	7n47		n.a.
S 2	17 38	21 19	1 47	12 10	0 18	18 58	1 22	13 3	1 11	7 46	1 24	14 35	2 7	7 15	0 48	19 28	0 36	24 50	1 12	23 30	23 34	7 45		n.a.
M 3	17 21	23 3	0 39	11 26	0 32	18 38	1 22	13 15	1 11	7 46	1 24	14 36	2 7	7 16	0 48	19 29	0 36	24 50	1 12	23 30	23 34	7 42		n.a.
T 4	17 4	23 34	0n30	10 42	0 46	18 17	1 23	13 27	1 12	7 46	1 25	14 36	2 7	7 17	0 48	19 29	0 36	24 50	1 12	23 30	23 34	7 40		n.a.
W 5	16 47	22 53	1 36	10 0	1 0	17 55	1 24	13 39	1 12	7 47	1 25	14 37	2 8	7 18	0 48	19 30	0 36	24 50	1 12	23 30	23 34	7 37		n.a.
T 6	16 29	21 5	2 37	9 19	1 14	17 33	1 24	13 51	1 12	7 47	1 25	14 37	2 8	7 19	0 48	19 30	0 36	24 50	1 12	23 30	23 35	7 35		n.a.
F 7	16 11	18 21	3 30	8 41	1 29	17 11	1 24	14 3	1 13	7 47	1 25	14 37	2 8	7 19	0 48	19 31	0 36	24 50	1 12	23 30	23 35	7 32		n.a.
S 8	15 53	14 51	4 13	8 4	1 43	16 48	1 25	14 14	1 13	7 47	1 25	14 38	2 8	7 20	0 48	19 31	0 36	24 50	1 12	23 30	23 35	7 30		n.a.
S 9	15 34	10 48	4 44	7 31	1 58	16 25	1 25	14 26	1 13	7 47	1 26	14 38	2 8	7 21	0 48	19 31	0 36	24 50	1 13	23 31	23 35	7 27		n.a.
M10	15 16	6 21	5 3	7 1	2 12	16 1	1 25	14 38	1 14	7 46	1 26	14 38	2 8	7 22	0 48	19 32	0 36	24 50	1 13	23 31	23 35	7 25		n.a.
T 11	14 57	1 41	5 8	6 34	2 25	15 36	1 25	14 49	1 14	7 46	1 26	14 39	2 9	7 23	0 48	19 32	0 36	24 50	1 13	23 32	23 35	7 22		n.a.
W12	14 38	3s 3	5 1	6 11	2 38	15 12	1 26	15 1	1 14	7 46	1 26	14 39	2 9	7 24	0 48	19 33	0 36	24 50	1 13	23 32	23 35	7 20		n.a.
T 13	14 18	7 43	4 40	5 51	2 51	14 47	1 26	15 12	1 15	7 45	1 26	14 39	2 9	7 25	0 48	19 33	0 36	24 50	1 13	23 32	23 35	7 17		n.a.
F 14	13 59	12 8	4 7	5 36	3 2	14 21	1 26	15 24	1 15	7 45	1 27	14 39	2 9	7 26	0 48	19 34	0 36	24 50	1 13	23 32	23 36	7 15		n.a.
S 15	13 39	16 10	3 21	5 25	3 12	13 55	1 25	15 35	1 15	7 44	1 27	14 39	2 9	7 27	0 48	19 34	0 36	24 50	1 13	23 32	23 36	7 12		n.a.
S 16	13 19	19 34	2 25	5 18	3 21	13 29	1 25	15 46	1 15	7 44	1 27	14 40	2 9	7 28	0 48	19 34	0 36	24 50	1 13	23 32	23 36	7 10		n.a.
M17	12 58	22 5	1 20	5 15	3 29	13 2	1 25	15 58	1 16	7 43	1 27	14 40	2 10	7 29	0 48	19 35	0 36	24 50	1 13	23 32	23 36	7 7		n.a.
T 18	12 38	23 28	0 9	5 17	3 35	12 35	1 25	16 9	1 16	7 43	1 27	14 40	2 10	7 30	0 48	19 35	0 36	24 50	1 13	23 32	23 36	7 5		n.a.
W19	12 17	23 27	1s 6	5 23	3 39	12 8	1 24	16 20	1 16	7 42	1 28	14 40	2 10	7 31	0 48	19 35	0 36	24 50	1 13	23 32	23 36	7 2		n.a.
T 20	11 56	21 54	2 18	5 33	3 42	11 41	1 24	16 31	1 17	7 41	1 28	14 40	2 10	7 31	0 48	19 36	0 36	24 50	1 13	23 32	23 36	6 59		n.a.
F 21	11 35	18 50	3 23	5 47	3 43	11 13	1 24	16 42	1 17	7 40	1 28	14 40	2 10	7 32	0 48	19 36	0 36	24 50	1 13	23 33	23 36	6 57		n.a.
S 22	11 14	14 28	4 16	6 4	3 42	10 44	1 23	16 53	1 17	7 39	1 28	14 40	2 10	7 33	0 48	19 37	0 36	24 50	1 13	23 33	23 37	6 54		n.a.
S 23	10 53	9 9	4 50	6 24	3 39	10 16	1 23	17 4	1 17	7 38	1 28	14 40	2 11	7 34	0 48	19 37	0 36	24 50	1 13	23 33	23 37	6 52		n.a.
M24	10 31	3 17	5 5	6 47	3 34	9 47	1 22	17 15	1 17	7 37	1 29	14 40	2 11	7 35	0 48	19 37	0 36	24 50	1 13	23 34	23 37	6 49		n.a.
T 25	10 9	2n42	4 58	7 12	3 28	9 18	1 21	17 25	1 18	7 36	1 29	14 39	2 11	7 36	0 48	19 38	0 36	24 50	1 13	23 34	23 37	6 47		n.a.
W26	9 47	8 24	4 31	7 38	3 20	8 49	1 20	17 36	1 18	7 34	1 29	14 39	2 11	7 37	0 48	19 38	0 36	24 50	1 13	23 34	23 37	6 44		n.a.
T 27	9 26	13 30	3 49	8 6	3 10	8 20	1 20	17 46	1 18	7 33	1 29	14 39	2 11	7 38	0 48	19 38	0 36	24 50	1 13	23 35	23 37	6 42		n.a.
F 28	9s 3	17n44	2s54	8s34	2n59	7s50	1s19	17n57	1n18	7s32	1n29	14s39	2n11	7n39	0n49	19n39	0n36	24n50	1n13	23n35	23n37	6n39		n.a.

Julian Day Number = 1704287.5, Delta T = 03h03m59s
Ecliptic obliquity = 23°42'01, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°42'40, Lahiri = - 4°35'39 Julian Calendar 1 Feb. 47 BCE == Greg. Calendar 30 Jan. 047 BCE

The year -46 astronomical counting style corresponds to year 047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 47 BCE
geocentric

MARCH 47 BCE (-46) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 23 42	7♓55'54	14♊18	29°R52	14♓34	16♉13	22°R35	15°R46	12°R32	5°R37	25°R23	5°D39	4♋30	25♍ 7	n.a.	S 1
S 2	10 27 38	8°55'02	27°17	29♒ 8	15°48	16°47	22♎32	15♏46	12♍30	5♌36	25♊23	5♋40	4°27	25°14	n.a.	S 2
M 3	10 31 35	9°54'09	9♋57	28°27	17° 2	17°22	22°28	15°46	12°27	5°35	25°23	5°R40	4°23	25°21	n.a.	M 3
T 4	10 35 32	10°53'12	22°22	27°50	18°17	17°57	22°24	15°45	12°25	5°33	25°23	5°39	4°20	25°28	n.a.	T 4
W 5	10 39 28	11°52'14	4♌36	27°19	19°31	18°31	22°20	15°44	12°22	5°32	25°22	5°35	4°17	25°34	n.a.	W 5
T 6	10 43 25	12°51'13	16°42	26°53	20°45	19° 6	22°16	15°43	12°19	5°31	25°22	5°29	4°14	25°41	n.a.	T 6
F 7	10 47 21	13°50'10	28°42	26°32	22° 0	19°41	22°11	15°43	12°17	5°30	25°22	5°19	4°11	25°48	n.a.	F 7
S 8	10 51 18	14°49'04	10♍38	26°17	23°14	20°16	22° 7	15°42	12°14	5°28	25°22	5° 8	4° 8	25°55	n.a.	S 8
S 9	10 55 14	15°47'57	22°32	26° 7	24°28	20°51	22° 2	15°41	12°12	5°27	25°22	4°55	4° 4	26° 1	n.a.	S 9
M10	10 59 11	16°46'47	4♎24	26°D 3	25°42	21°26	21°57	15°39	12° 9	5°26	25°22	4°42	4° 1	26° 8	n.a.	M10
T 11	11 3 7	17°45'35	16°17	26° 4	26°56	22° 1	21°52	15°38	12° 6	5°25	25°22	4°29	3°58	26°15	n.a.	T 11
W12	11 7 4	18°44'22	28°12	26°10	28°10	22°36	21°47	15°37	12° 4	5°24	25°D22	4°18	3°55	26°21	n.a.	W12
T 13	11 11 0	19°43'06	10♏12	26°22	29°25	23°11	21°41	15°35	12° 1	5°23	25°22	4° 9	3°52	26°28	n.a.	T 13
F 14	11 14 57	20°41'49	22°20	26°39	0♈39	23°46	21°36	15°34	11°59	5°21	25°22	4° 4	3°48	26°35	n.a.	F 14
S 15	11 18 54	21°40'30	4♐38	27° 0	1°53	24°21	21°30	15°32	11°56	5°20	25°22	4° 1	3°45	26°42	n.a.	S 15
S 16	11 22 50	22°39'09	17°13	27°26	3° 7	24°56	21°24	15°30	11°54	5°19	25°22	4° 0	3°42	26°48	n.a.	S 16
M17	11 26 47	23°37'46	0♑ 7	27°56	4°21	25°32	21°18	15°29	11°51	5°18	25°22	4° 0	3°39	26°55	n.a.	M17
T 18	11 30 43	24°36'22	13°26	28°31	5°35	26° 7	21°12	15°27	11°49	5°17	25°22	3°59	3°36	27° 2	n.a.	T 18
W19	11 34 40	25°34'56	27°13	29° 9	6°49	26°42	21° 6	15°25	11°46	5°16	25°23	3°58	3°33	27° 8	n.a.	W19
T 20	11 38 36	26°33'28	11♒28	29°52	8° 3	27°17	21° 0	15°23	11°44	5°15	25°23	3°54	3°29	27°15	n.a.	T 20
F 21	11 42 33	27°31'59	26°10	0♓37	9°17	27°53	20°54	15°20	11°41	5°15	25°23	3°48	3°26	27°22	n.a.	F 21
S 22	11 46 29	28°30'27	11♓15	1°27	10°31	28°28	20°47	15°18	11°39	5°14	25°23	3°39	3°23	27°29	n.a.	S 22
S 23	11 50 26	29°28'54	26°32	2°19	11°45	29° 4	20°41	15°16	11°36	5°13	25°24	3°28	3°20	27°35	n.a.	S 23
M24	11 54 23	0♈27'19	11♈52	3°15	12°59	29°39	20°34	15°13	11°34	5°12	25°24	3°17	3°17	27°42	n.a.	M24
T 25	11 58 19	1°25'41	27° 2	4°13	14°12	0♊15	20°27	15°11	11°32	5°11	25°24	3° 7	3°14	27°49	n.a.	T 25
W26	12 2 16	2°24'02	11♉53	5°15	15°26	0°50	20°20	15° 8	11°29	5°11	25°25	2°58	3°10	27°56	n.a.	W26
T 27	12 6 12	3°22'21	26°17	6°19	16°40	1°26	20°13	15° 6	11°27	5°10	25°25	2°53	3° 7	28° 2	n.a.	T 27
F 28	12 10 9	4°20'37	10♊13	7°26	17°54	2° 1	20° 6	15° 3	11°25	5° 9	25°25	2°50	3° 4	28° 9	n.a.	F 28
S 29	12 14 5	5°18'51	23°39	8°36	19° 8	2°37	19°59	15° 0	11°22	5° 8	25°26	2°48	3° 1	28°16	n.a.	S 29
S 30	12 18 2	6°17'04	6♋39	9°47	20°21	3°12	19°52	14°57	11°20	5° 8	25°26	2°48	2°58	28°22	n.a.	S 30
M31	12 21 58	7♈15'14	19♋18	11♓ 2	21♈35	3♊48	19♎45	14♏54	11♍18	5♌ 7	25♊27	2♋48	2♋54	28♍29	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8s41	20n55	1s51	9s 3	2n47	7s20	1s18	18n 7	1n18	7s30	1n29	14s39	2n12	7n40	0n49	19n39	0n36	24n50	1n13	23n35	23n37	6n36		n.a.
S 2	8 19	22 56	0 45	9 31	2 33	6 50	1 17	18 17	1 19	7 29	1 30	14 38	2 12	7 41	0 49	19 39	0 36	24 50	1 13	23 35	23 38	6 34		n.a.
M 3	7 56	23 42	0n23	9 58	2 19	6 20	1 16	18 28	1 19	7 27	1 30	14 38	2 12	7 42	0 49	19 40	0 36	24 50	1 13	23 35	23 38	6 31		n.a.
T 4	7 34	23 16	1 28	10 24	2 4	5 49	1 14	18 38	1 19	7 25	1 30	14 38	2 12	7 43	0 49	19 40	0 36	24 50	1 13	23 35	23 38	6 29		n.a.
W 5	7 11	21 42	2 27	10 50	1 49	5 19	1 13	18 48	1 19	7 24	1 30	14 37	2 12	7 44	0 49	19 40	0 36	24 51	1 13	23 35	23 38	6 26		n.a.
T 6	6 48	19 10	3 20	11 13	1 34	4 48	1 12	18 57	1 19	7 22	1 30	14 37	2 12	7 45	0 49	19 41	0 36	24 51	1 13	23 35	23 38	6 24		n.a.
F 7	6 25	15 50	4 2	11 35	1 18	4 17	1 11	19 7	1 19	7 20	1 30	14 37	2 13	7 46	0 49	19 41	0 36	24 51	1 14	23 36	23 38	6 21		n.a.
S 8	6 3	11 53	4 34	11 54	1 3	3 46	1 9	19 17	1 20	7 18	1 30	14 36	2 13	7 47	0 49	19 41	0 36	24 51	1 14	23 36	23 38	6 18		n.a.
S 9	5 40	7 29	4 54	12 12	0 48	3 15	1 8	19 27	1 20	7 16	1 31	14 36	2 13	7 48	0 49	19 42	0 36	24 51	1 14	23 36	23 38	6 16		n.a.
M10	5 16	2 49	5 1	12 28	0 33	2 44	1 6	19 36	1 20	7 14	1 31	14 35	2 13	7 49	0 48	19 42	0 36	24 51	1 14	23 37	23 38	6 13		n.a.
T 11	4 53	1s57	4 55	12 41	0 18	2 13	1 5	19 45	1 20	7 12	1 31	14 35	2 13	7 50	0 48	19 42	0 36	24 51	1 14	23 37	23 38	6 11		n.a.
W12	4 30	6 40	4 35	12 52	0 4	1 42	1 3	19 55	1 20	7 10	1 31	14 34	2 13	7 51	0 48	19 43	0 36	24 51	1 14	23 38	23 39	6 8		n.a.
T 13	4 7	11 11	4 4	13 1	0s10	1 11	1 2	20 4	1 20	7 8	1 31	14 34	2 13	7 52	0 48	19 43	0 36	24 51	1 14	23 38	23 39	6 5		n.a.
F 14	3 44	15 18	3 21	13 8	0 24	0 39	1 0	20 13	1 20	7 6	1 31	14 33	2 14	7 53	0 48	19 43	0 36	24 51	1 14	23 38	23 39	6 3		n.a.
S 15	3 20	18 52	2 29	13 13	0 36	0 8	0 58	20 22	1 21	7 4	1 31	14 32	2 14	7 54	0 48	19 43	0 36	24 51	1 14	23 38	23 39	6 0		n.a.
S 16	2 57	21 38	1 28	13 15	0 49	0n23	0 57	20 31	1 21	7 2	1 31	14 32	2 14	7 55	0 48	19 44	0 36	24 51	1 14	23 38	23 39	5 58		n.a.
M17	2 33	23 22	0 20	13 16	1 0	0 55	0 55	20 39	1 21	6 59	1 31	14 31	2 14	7 56	0 48	19 44	0 36	24 51	1 14	23 38	23 39	5 55		n.a.
T 18	2 10	23 50	0s50	13 14	1 11	1 26	0 53	20 48	1 21	6 57	1 32	14 30	2 14	7 57	0 48	19 44	0 36	24 51	1 14	23 38	23 39	5 52		n.a.
W19	1 46	22 54	1 59	13 10	1 22	1 57	0 51	20 57	1 21	6 54	1 32	14 30	2 14	7 58	0 48	19 44	0 36	24 51	1 14	23 38	23 39	5 50		n.a.
T 20	1 23	20 28	3 4	13 4	1 31	2 29	0 49	21 5	1 21	6 52	1 32	14 29	2 14	7 59	0 48	19 44	0 36	24 51	1 14	23 39	23 39	5 47		n.a.
F 21	0 59	16 40	3 59	12 56	1 41	3 0	0 47	21 13	1 21	6 50	1 32	14 28	2 15	8 0	0 48	19 45	0 36	24 51	1 14	23 39	23 39	5 45		n.a.
S 22	0 36	11 42	4 38	12 46	1 49	3 31	0 45	21 21	1 21	6 47	1 32	14 27	2 15	8 1	0 48	19 45	0 36	24 51	1 14	23 39	23 39	5 42		n.a.
S 23	0 13	5 56	4 58	12 35	1 57	4 2	0 43	21 29	1 21	6 45	1 32	14 27	2 15	8 2	0 48	19 45	0 36	24 51	1 14	23 39	23 39	5 39		n.a.
M24	0n11	0n12	4 57	12 21	2 4	4 33	0 41	21 37	1 21	6 42	1 32	14 26	2 15	8 3	0 48	19 45	0 36	24 51	1 14	23 40	23 40	5 37		n.a.
T 25	0 34	6 16	4 35	12 5	2 11	5 4	0 39	21 45	1 21	6 39	1 32	14 25	2 15	8 4	0 48	19 46	0 36	24 51	1 14	23 40	23 40	5 34		n.a.
W26	0 58	11 51	3 54	11 48	2 17	5 35	0 37	21 53	1 21	6 37	1 32	14 24	2 15	8 5	0 48	19 46	0 36	24 51	1 14	23 40	23 40	5 31		n.a.
T 27	1 21	16 37	3 0	11 29	2 22	6 6	0 34	22 0	1 21	6 34	1 32	14 23	2 15	8 5	0 48	19 46	0 36	24 51	1 14	23 40	23 40	5 29		n.a.
F 28	1 45	20 18	1 56	11 8	2 27	6 36	0 32	22 7	1 22	6 31	1 32	14 22	2 15	8 6	0 48	19 46	0 36	24 51	1 14	23 40	23 40	5 26		n.a.
S 29	2 8	22 45	0 48	10 46	2 31	7 7	0 30	22 15	1 22	6 29	1 32	14 21	2 15	8 7	0 48	19 46	0 36	24 51	1 14	23 40	23 40	5 24		n.a.
S 30	2 31	23 52	0n20	10 21	2 34	7 37	0 27	22 22	1 22	6 26	1 32	14 20	2 16	8 8	0 48	19 46	0 36	24 52	1 14	23 40	23 40	5 21		n.a.
M31	2n55	23n43	1n26	9s56	2s37	8n 7	0s25	22n29	1n22	6s23	1n32	14s19	2n16	8n 9	0n48	19n46	0n36	24n52	1n14	23n40	23n40	5n18		n.a.

Julian Day Number = 1704315.5, Delta T = 03h03m58s
Ecliptic obliquity = 23°42'02, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°42'36, Lahiri = - 4°35'35 Julian Calendar 1 March 47 BCE == Greg. Calendar 27 Feb. 047 BCE

The year -46 astronomical counting style corresponds to year 047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 47 BCE
geocentric

APRIL 47 BCE (-46) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 25 55	8♈13'22	1♌38	12♓18	22♈49	4♊24	19°R37	14°R51	11°R16	5°R 7	25♊27	2°R46	2♋51	28♍36	n.a.	T 1
W 2	12 29 52	9°11'28	13°47	13°37	24° 3	5° 0	19♎30	14♏48	11♍13	5♌ 6	25°28	2♋42	2°48	28°43	n.a.	W 2
T 3	12 33 48	10° 9'32	25°46	14°58	25°16	5°35	19°23	14°45	11°11	5° 6	25°28	2°36	2°45	28°49	n.a.	T 3
F 4	12 37 45	11° 7'34	7♍41	16°21	26°30	6°11	19°15	14°42	11° 9	5° 5	25°29	2°26	2°42	28°56	n.a.	F 4
S 5	12 41 41	12° 5'34	19°33	17°47	27°43	6°47	19° 8	14°39	11° 7	5° 5	25°29	2°15	2°39	29° 3	n.a.	S 5
S 6	12 45 38	13° 3'32	1♎25	19°14	28°57	7°23	19° 0	14°35	11° 5	5° 4	25°30	2° 1	2°35	29° 9	n.a.	S 6
M 7	12 49 34	14° 1'28	13°19	20°44	0♉11	7°58	18°53	14°32	11° 3	5° 4	25°31	1°48	2°32	29°16	n.a.	M 7
T 8	12 53 31	14°59'23	25°16	22°15	1°24	8°34	18°45	14°28	11° 1	5° 3	25°31	1°35	2°29	29°23	n.a.	T 8
W 9	12 57 27	15°57'16	7♏17	23°49	2°38	9°10	18°37	14°25	10°59	5° 3	25°32	1°23	2°26	29°30	n.a.	W 9
T 10	13 1 24	16°55'08	19°24	25°24	3°51	9°46	18°30	14°21	10°57	5° 3	25°33	1°14	2°23	29°36	n.a.	T 10
F 11	13 5 20	17°52'58	1♐38	27° 2	5° 4	10°22	18°22	14°17	10°55	5° 3	25°33	1° 8	2°19	29°43	n.a.	F 11
S 12	13 9 17	18°50'47	14° 3	28°41	6°18	10°58	18°14	14°14	10°53	5° 2	25°34	1° 5	2°16	29°50	n.a.	S 12
S 13	13 13 14	19°48'35	26°42	0♈23	7°31	11°34	18° 7	14°10	10°51	5° 2	25°35	1°D 4	2°13	29°57	n.a.	S 13
M14	13 17 10	20°46'21	9♉37	2° 7	8°45	12°10	17°59	14° 6	10°50	5° 2	25°36	1° 4	2°10	0♎ 3	n.a.	M14
T 15	13 21 7	21°44'06	22°53	3°52	9°58	12°46	17°52	14° 2	10°48	5° 2	25°36	1°R 4	2° 7	0°10	n.a.	T 15
W16	13 25 3	22°41'50	6♒33	5°40	11°11	13°22	17°44	13°58	10°46	5° 2	25°37	1° 3	2° 4	0°17	n.a.	W16
T 17	13 29 0	23°39'33	20°37	7°29	12°25	13°58	17°36	13°54	10°44	5° 2	25°38	1° 1	2° 0	0°23	n.a.	T 17
F 18	13 32 56	24°37'15	5♓ 7	9°21	13°38	14°34	17°29	13°50	10°43	5° 2	25°39	0°56	1°57	0°30	n.a.	F 18
S 19	13 36 53	25°34'55	19°58	11°14	14°51	15°10	17°21	13°46	10°41	5°D 2	25°40	0°49	1°54	0°37	n.a.	S 19
S 20	13 40 49	26°32'34	5♈ 3	13°10	16° 4	15°46	17°14	13°42	10°40	5° 2	25°41	0°40	1°51	0°44	n.a.	S 20
M21	13 44 46	27°30'12	20°15	15° 7	17°18	16°23	17° 6	13°38	10°38	5° 2	25°42	0°30	1°48	0°50	n.a.	M21
T 22	13 48 43	28°27'49	5♉21	17° 7	18°31	16°59	16°59	13°34	10°37	5° 2	25°43	0°22	1°45	0°57	n.a.	T 22
W23	13 52 39	29°25'24	20°12	19° 8	19°44	17°35	16°52	13°30	10°35	5° 2	25°44	0°15	1°41	1° 4	n.a.	W23
T 24	13 56 36	0♉22'58	4♊40	21°11	20°57	18°11	16°44	13°26	10°34	5° 2	25°45	0°10	1°38	1°11	n.a.	T 24
F 25	14 0 32	1°20'31	18°41	23°16	22°10	18°47	16°37	13°21	10°32	5° 2	25°46	0° 7	1°35	1°17	n.a.	F 25
S 26	14 4 29	2°18'02	2♋14	25°22	23°23	19°24	16°30	13°17	10°31	5° 3	25°47	0°D 7	1°32	1°24	n.a.	S 26
S 27	14 8 25	3°15'31	15°20	27°29	24°36	20° 0	16°23	13°13	10°30	5° 3	25°48	0° 7	1°29	1°31	n.a.	S 27
M28	14 12 22	4°13'00	28° 2	29°38	25°49	20°36	16°16	13° 8	10°29	5° 3	25°49	0° 8	1°25	1°37	n.a.	M28
T 29	14 16 18	5°10'27	10♌24	1♉48	27° 2	21°13	16° 9	13° 4	10°28	5° 3	25°50	0°R 8	1°22	1°44	n.a.	T 29
W30	14 20 15	6♉ 7'52	22♌33	3♉59	28♉15	21♊49	16♎ 2	13♏ 0	10♍26	5♌ 4	25♊51	0♋ 7	1♋19	1♎51	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3n18	22n23	2n26	9s28	2s39	8n37	0s23	22n35	1n22	6s20	1n32	14s18	2n16	8n10	0n48	19n47	0n36	24n52	1n14	23n40	23n40	5n16		n.a.
W 2	3 41	20 2	3 18	8 59	2 41	9 7	0 20	22 42	1 22	6 17	1 32	14 17	2 16	8 11	0 48	19 47	0 36	24 52	1 14	23 40	23 40	5 13		n.a.
T 3	4 4	16 50	4 1	8 28	2 42	9 36	0 18	22 49	1 22	6 15	1 32	14 16	2 16	8 11	0 48	19 47	0 36	24 52	1 14	23 40	23 40	5 10		n.a.
F 4	4 27	12 59	4 33	7 56	2 43	10 5	0 16	22 55	1 22	6 12	1 32	14 15	2 16	8 12	0 48	19 47	0 36	24 52	1 14	23 41	23 40	5 8		n.a.
S 5	4 50	8 39	4 53	7 22	2 43	10 34	0 13	23 1	1 22	6 9	1 32	14 14	2 16	8 13	0 48	19 47	0 36	24 52	1 15	23 41	23 40	5 5		n.a.
S 6	5 13	4 0	5 0	6 47	2 42	11 3	0 11	23 7	1 22	6 6	1 32	14 13	2 16	8 14	0 48	19 47	0 36	24 52	1 15	23 41	23 41	5 2		n.a.
M 7	5 35	0s48	4 54	6 10	2 41	11 32	0 8	23 13	1 22	6 3	1 32	14 12	2 16	8 14	0 48	19 47	0 36	24 52	1 15	23 41	23 41	5 0		n.a.
T 8	5 58	5 37	4 35	5 32	2 39	12 0	0 6	23 19	1 22	6 0	1 32	14 11	2 16	8 15	0 48	19 47	0 36	24 52	1 15	23 41	23 41	4 57		n.a.
W 9	6 21	10 15	4 4	4 52	2 36	12 28	0 3	23 25	1 22	5 57	1 32	14 10	2 16	8 16	0 48	19 47	0 36	24 52	1 15	23 42	23 41	4 54		n.a.
T 10	6 43	14 32	3 21	4 11	2 33	12 56	0 1	23 30	1 22	5 55	1 32	14 9	2 17	8 17	0 48	19 47	0 36	24 52	1 15	23 42	23 41	4 52		n.a.
F 11	7 5	18 17	2 29	3 29	2 30	13 23	0n 2	23 36	1 22	5 52	1 32	14 8	2 17	8 17	0 48	19 48	0 36	24 52	1 15	23 42	23 41	4 49		n.a.
S 12	7 28	21 16	1 29	2 45	2 26	13 50	0 4	23 41	1 22	5 49	1 32	14 7	2 17	8 18	0 48	19 48	0 36	24 52	1 15	23 42	23 41	4 46		n.a.
S 13	7 50	23 16	0 23	2 0	2 21	14 17	0 7	23 46	1 22	5 46	1 32	14 5	2 17	8 19	0 48	19 48	0 36	24 52	1 15	23 42	23 41	4 44		n.a.
M14	8 12	24 6	0s45	1 14	2 16	14 43	0 10	23 51	1 22	5 43	1 32	14 4	2 17	8 19	0 48	19 48	0 36	24 52	1 15	23 42	23 41	4 41		n.a.
T 15	8 34	23 36	1 53	0 26	2 10	15 9	0 12	23 56	1 22	5 40	1 32	14 3	2 17	8 20	0 48	19 48	0 36	24 52	1 15	23 42	23 41	4 38		n.a.
W16	8 55	21 41	2 57	0n23	2 4	15 35	0 15	24 0	1 22	5 37	1 32	14 2	2 17	8 21	0 48	19 48	0 36	24 53	1 15	23 42	23 41	4 36		n.a.
T 17	9 17	18 25	3 51	1 13	1 57	16 0	0 17	24 5	1 22	5 35	1 31	14 1	2 17	8 21	0 48	19 48	0 36	24 53	1 15	23 42	23 41	4 33		n.a.
F 18	9 38	13 58	4 33	2 4	1 50	16 25	0 20	24 9	1 22	5 32	1 31	13 59	2 17	8 22	0 48	19 48	0 36	24 53	1 15	23 42	23 41	4 30		n.a.
S 19	10 0	8 34	4 58	2 56	1 42	16 50	0 22	24 13	1 22	5 29	1 31	13 58	2 17	8 22	0 48	19 48	0 36	24 53	1 15	23 42	23 41	4 28		n.a.
S 20	10 21	2 35	5 2	3 49	1 34	17 14	0 25	24 17	1 22	5 26	1 31	13 57	2 17	8 23	0 48	19 48	0 36	24 53	1 15	23 42	23 41	4 25		n.a.
M21	10 42	3n36	4 46	4 42	1 26	17 37	0 27	24 21	1 22	5 23	1 31	13 56	2 17	8 24	0 48	19 48	0 36	24 53	1 15	23 42	23 41	4 22		n.a.
T 22	11 3	9 32	4 9	5 37	1 17	18 0	0 30	24 25	1 22	5 21	1 31	13 54	2 17	8 24	0 48	19 48	0 36	24 53	1 15	23 42	23 41	4 20		n.a.
W23	11 23	14 50	3 16	6 32	1 7	18 23	0 33	24 28	1 22	5 18	1 31	13 53	2 17	8 25	0 48	19 48	0 36	24 53	1 15	23 42	23 41	4 17		n.a.
T 24	11 44	19 9	2 11	7 28	0 58	18 45	0 35	24 31	1 22	5 15	1 31	13 52	2 17	8 25	0 48	19 48	0 36	24 53	1 15	23 42	23 41	4 14		n.a.
F 25	12 4	22 12	1 1	8 24	0 48	19 7	0 38	24 35	1 22	5 13	1 31	13 51	2 17	8 26	0 47	19 47	0 36	24 53	1 15	23 42	23 41	4 12		n.a.
S 26	12 24	23 52	0n11	9 20	0 37	19 28	0 40	24 37	1 21	5 10	1 30	13 49	2 17	8 26	0 47	19 47	0 36	24 53	1 15	23 42	23 42	4 9		n.a.
S 27	12 44	24 9	1 21	10 16	0 27	19 49	0 43	24 40	1 21	5 7	1 30	13 48	2 17	8 26	0 47	19 47	0 36	24 53	1 15	23 42	23 42	4 6		n.a.
M28	13 4	23 8	2 24	11 13	0 16	20 9	0 45	24 43	1 21	5 5	1 30	13 47	2 17	8 27	0 47	19 47	0 36	24 53	1 15	23 42	23 42	4 4		n.a.
T 29	13 23	21 0	3 19	12 8	0 6	20 29	0 47	24 45	1 21	5 2	1 30	13 45	2 17	8 27	0 47	19 47	0 36	24 53	1 15	23 42	23 42	4 1		n.a.
W30	13n43	17n58	4n 3	13n 3	0n 5	20n48	0n50	24n48	1n21	5s 0	1n30	13s44	2n17	8n28	0n47	19n47	0n36	24n54	1n15	23n42	23n42	3n58		n.a.

Julian Day Number = 1704346.5, Delta T = 03h03m57s
Ecliptic obliquity = 23°42'03, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°42'31, Lahiri = - 4°35'31 Julian Calendar 1 Apr. 47 BCE == Greg. Calendar 30 March 047 BCE

The year -46 astronomical counting style corresponds to year 047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 47 BCE
geocentric

MAY 47 BCE (-46) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 24 12	7♉ 5'16	4♍31	6♉10	29♉28	22♊25	15°R55	12°R55	10°R25	5♌ 4	25♊52	0°R 3	1♋16	1♎58	n.a.	T 1
F 2	14 28 8	8° 2'39	16°25	8°22	0♊41	23° 2	15♎49	12♏51	10♍24	5° 5	25°53	29♊57	1°13	2° 4	n.a.	F 2
S 3	14 32 5	9° 0'00	28°16	10°34	1°54	23°38	15°42	12°47	10°23	5° 5	25°55	29°50	1°10	2°11	n.a.	S 3
S 4	14 36 1	9°57'20	10♎10	12°45	3° 7	24°15	15°36	12°42	10°23	5° 6	25°56	29°41	1° 6	2°18	n.a.	S 4
M 5	14 39 58	10°54'40	22° 7	14°56	4°20	24°51	15°29	12°38	10°22	5° 6	25°57	29°32	1° 3	2°25	n.a.	M 5
T 6	14 43 54	11°51'58	4♏10	17° 7	5°33	25°28	15°23	12°33	10°21	5° 7	25°58	29°23	1° 0	2°31	n.a.	T 6
W 7	14 47 51	12°49'15	16°20	19°16	6°45	26° 4	15°17	12°29	10°20	5° 7	25°59	29°16	0°57	2°38	n.a.	W 7
T 8	14 51 47	13°46'32	28°39	21°24	7°58	26°41	15°11	12°25	10°19	5° 8	26° 1	29°10	0°54	2°45	n.a.	T 8
F 9	14 55 44	14°43'48	11♐ 7	23°31	9°11	27°17	15° 5	12°20	10°19	5° 8	26° 2	29° 6	0°50	2°51	n.a.	F 9
S 10	14 59 41	15°41'03	23°46	25°36	10°23	27°54	15° 0	12°16	10°18	5° 9	26° 3	29°D 5	0°47	2°58	n.a.	S 10
S 11	15 3 37	16°38'17	6♑38	27°39	11°36	28°30	14°54	12°11	10°18	5°10	26° 4	29° 5	0°44	3° 5	n.a.	S 11
M12	15 7 34	17°35'32	19°43	29°41	12°49	29° 7	14°49	12° 7	10°17	5°11	26° 6	29° 6	0°41	3°12	n.a.	M12
T 13	15 11 30	18°32'45	3♒ 5	1♊40	14° 1	29°43	14°43	12° 3	10°17	5°11	26° 7	29° 7	0°38	3°18	n.a.	T 13
W14	15 15 27	19°29'58	16°45	3°37	15°14	0♋20	14°38	11°58	10°16	5°12	26° 8	29°R 8	0°35	3°25	n.a.	W14
T 15	15 19 23	20°27'11	0♓44	5°32	16°26	0°57	14°33	11°54	10°16	5°13	26°10	29° 8	0°31	3°32	n.a.	T 15
F 16	15 23 20	21°24'24	15° 1	7°25	17°39	1°33	14°28	11°50	10°16	5°14	26°11	29° 6	0°28	3°38	n.a.	F 16
S 17	15 27 17	22°21'36	29°34	9°15	18°51	2°10	14°23	11°45	10°15	5°15	26°12	29° 2	0°25	3°45	n.a.	S 17
S 18	15 31 13	23°18'48	14♈18	11° 3	20° 4	2°47	14°19	11°41	10°15	5°16	26°14	28°58	0°22	3°52	n.a.	S 18
M19	15 35 10	24°15'59	29° 8	12°49	21°16	3°24	14°14	11°37	10°15	5°17	26°15	28°53	0°19	3°59	n.a.	M19
T 20	15 39 6	25°13'10	13♉55	14°32	22°29	4° 0	14°10	11°32	10°15	5°18	26°17	28°48	0°16	4° 5	n.a.	T 20
W21	15 43 3	26°10'21	28°32	16°13	23°41	4°37	14° 6	11°28	10°D15	5°19	26°18	28°44	0°12	4°12	n.a.	W21
T 22	15 46 59	27° 7'32	12♊51	17°52	24°53	5°14	14° 2	11°24	10°15	5°20	26°20	28°42	0° 9	4°19	n.a.	T 22
F 23	15 50 56	28° 4'42	26°48	19°28	26° 6	5°51	13°58	11°20	10°15	5°21	26°21	28°D41	0° 6	4°26	n.a.	F 23
S 24	15 54 52	29° 1'52	10♋20	21° 2	27°18	6°28	13°54	11°16	10°15	5°22	26°22	28°42	0° 3	4°32	n.a.	S 24
S 25	15 58 49	29°59'01	23°28	22°33	28°30	7° 4	13°51	11°12	10°15	5°23	26°24	28°43	29♊59	4°39	n.a.	S 25
M26	16 2 46	0♊56'09	6♌13	24° 1	29°42	7°41	13°48	11° 8	10°15	5°24	26°25	28°44	29°56	4°46	n.a.	M26
T 27	16 6 42	1°53'17	18°40	25°28	0♋55	8°18	13°45	11° 4	10°16	5°25	26°27	28°46	29°53	4°52	n.a.	T 27
W28	16 10 39	2°50'25	0♍50	26°51	2° 7	8°55	13°42	11° 0	10°16	5°26	26°28	28°R46	29°50	4°59	n.a.	W28
T 29	16 14 35	3°47'32	12°51	28°12	3°19	9°32	13°39	10°56	10°16	5°28	26°30	28°46	29°47	5° 6	n.a.	T 29
F 30	16 18 32	4°44'39	24°45	29°31	4°31	10° 9	13°36	10°52	10°17	5°29	26°31	28°45	29°44	5°13	n.a.	F 30
S 31	16 22 28	5♊41'45	6♎38	0♋47	5♋43	10♋46	13♎34	10♏48	10♍17	5♌30	26♊33	28♊42	29♊41	5♎19	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	14n 2	14n14	4n37	13n58	0n15	21n 6	0n52	24n50	1n21	4s57	1n30	13s43	2n17	8n28	0n47	19n47	0n36	24n54	1n16	23n42	23n42	3n55			n.a.
F 2	14 21	9 59	4 58	14 51	0 26	21 24	0 55	24 52	1 21	4 55	1 29	13 41	2 17	8 28	0 47	19 47	0 36	24 54	1 16	23 42	23 42	3 53			n.a.
S 3	14 39	5 22	5 6	15 43	0 36	21 42	0 57	24 54	1 21	4 53	1 29	13 40	2 17	8 29	0 47	19 47	0 36	24 54	1 16	23 42	23 42	3 50			n.a.
S 4	14 58	0 32	5 1	16 34	0 46	21 59	0 59	24 55	1 21	4 50	1 29	13 39	2 17	8 29	0 47	19 47	0 36	24 54	1 16	23 42	23 42	3 47			n.a.
M 5	15 16	4s20	4 43	17 22	0 55	22 15	1 1	24 57	1 21	4 48	1 29	13 38	2 17	8 29	0 47	19 47	0 36	24 54	1 16	23 42	23 42	3 45			n.a.
T 6	15 34	9 6	4 12	18 9	1 4	22 30	1 4	24 58	1 21	4 46	1 29	13 36	2 17	8 30	0 47	19 46	0 36	24 54	1 16	23 42	23 42	3 42			n.a.
W 7	15 51	13 34	3 30	18 54	1 13	22 45	1 6	24 59	1 21	4 44	1 28	13 35	2 17	8 30	0 47	19 46	0 36	24 54	1 16	23 42	23 42	3 39			n.a.
T 8	16 9	17 32	2 37	19 37	1 21	23 0	1 8	25 0	1 21	4 41	1 28	13 34	2 17	8 30	0 47	19 46	0 36	24 54	1 16	23 42	23 42	3 36			n.a.
F 9	16 26	20 47	1 36	20 17	1 29	23 13	1 10	25 1	1 21	4 39	1 28	13 32	2 17	8 30	0 47	19 46	0 36	24 54	1 16	23 42	23 42	3 34			n.a.
S 10	16 43	23 4	0 29	20 55	1 36	23 27	1 12	25 1	1 20	4 37	1 28	13 31	2 17	8 31	0 47	19 46	0 36	24 54	1 16	23 42	23 42	3 31			n.a.
S 11	17 0	24 13	0s41	21 30	1 42	23 39	1 14	25 2	1 20	4 35	1 27	13 30	2 16	8 31	0 47	19 46	0 36	24 54	1 16	23 42	23 42	3 28			n.a.
M12	17 16	24 2	1 50	22 3	1 47	23 51	1 16	25 2	1 20	4 33	1 27	13 29	2 16	8 31	0 47	19 45	0 36	24 54	1 16	23 42	23 42	3 26			n.a.
T 13	17 32	22 30	2 54	22 33	1 52	24 2	1 18	25 2	1 20	4 32	1 27	13 27	2 16	8 31	0 47	19 45	0 36	24 55	1 16	23 42	23 42	3 23			n.a.
W14	17 48	19 38	3 50	23 1	1 57	24 12	1 20	25 2	1 20	4 30	1 27	13 26	2 16	8 31	0 47	19 45	0 36	24 55	1 16	23 42	23 42	3 20			n.a.
T 15	18 3	15 35	4 33	23 26	2 0	24 22	1 22	25 2	1 20	4 28	1 27	13 25	2 16	8 31	0 47	19 45	0 36	24 55	1 16	23 42	23 42	3 17			n.a.
F 16	18 19	10 35	5 1	23 48	2 3	24 31	1 24	25 1	1 20	4 26	1 26	13 24	2 16	8 31	0 47	19 45	0 36	24 55	1 16	23 42	23 42	3 15			n.a.
S 17	18 34	4 55	5 11	24 8	2 5	24 39	1 26	25 1	1 20	4 25	1 26	13 22	2 16	8 31	0 47	19 44	0 36	24 55	1 16	23 42	23 42	3 12			n.a.
S 18	18 48	1n 6	5 0	24 26	2 6	24 46	1 27	25 0	1 20	4 23	1 26	13 21	2 16	8 31	0 47	19 44	0 36	24 55	1 16	23 42	23 42	3 9			n.a.
M19	19 3	7 6	4 29	24 41	2 7	24 53	1 29	24 59	1 19	4 22	1 26	13 20	2 16	8 31	0 47	19 44	0 36	24 55	1 16	23 42	23 42	3 6			n.a.
T 20	19 17	12 42	3 40	24 53	2 7	24 59	1 31	24 58	1 19	4 20	1 25	13 19	2 16	8 31	0 46	19 44	0 35	24 55	1 16	23 42	23 42	3 4			n.a.
W21	19 30	17 30	2 37	25 4	2 6	25 5	1 32	24 56	1 19	4 19	1 25	13 17	2 16	8 31	0 46	19 43	0 35	24 55	1 16	23 42	23 42	3 1			n.a.
T 22	19 44	21 10	1 25	25 12	2 4	25 10	1 34	24 55	1 19	4 18	1 25	13 16	2 15	8 31	0 46	19 43	0 35	24 55	1 16	23 42	23 42	2 58			n.a.
F 23	19 57	23 29	0 10	25 18	2 2	25 13	1 35	24 53	1 19	4 16	1 24	13 15	2 15	8 31	0 46	19 43	0 35	24 55	1 17	23 42	23 42	2 55			n.a.
S 24	20 10	24 21	1n 3	25 22	1 59	25 17	1 36	24 51	1 19	4 15	1 24	13 14	2 15	8 31	0 46	19 42	0 35	24 56	1 17	23 42	23 42	2 53			n.a.
S 25	20 22	23 48	2 12	25 25	1 56	25 19	1 38	24 49	1 19	4 14	1 24	13 13	2 15	8 31	0 46	19 42	0 35	24 56	1 17	23 42	23 42	2 50			n.a.
M26	20 34	22 0	3 11	25 25	1 51	25 21	1 39	24 47	1 19	4 13	1 24	13 12	2 15	8 31	0 46	19 42	0 35	24 56	1 17	23 42	23 42	2 47			n.a.
T 27	20 46	19 12	4 0	25 24	1 47	25 22	1 40	24 45	1 18	4 12	1 23	13 11	2 15	8 31	0 46	19 42	0 35	24 56	1 17	23 42	23 42	2 44			n.a.
W28	20 57	15 36	4 37	25 21	1 41	25 22	1 41	24 42	1 18	4 11	1 23	13 9	2 15	8 31	0 46	19 41	0 35	24 56	1 17	23 42	23 42	2 42			n.a.
T 29	21 8	11 27	5 2	25 16	1 35	25 22	1 42	24 39	1 18	4 10	1 23	13 8	2 14	8 30	0 46	19 41	0 35	24 56	1 17	23 42	23 42	2 39			n.a.
F 30	21 19	6 53	5 13	25 10	1 28	25 20	1 43	24 36	1 18	4 10	1 23	13 7	2 14	8 30	0 46	19 41	0 35	24 56	1 17	23 42	23 42	2 36			n.a.
S 31	21n29	2n 5	5n11	25n 3	1n21	25n18	1n44	24n33	1n18	4s 9	1n22	13s 6	2n14	8n30	0n46	19n40	0n35	24n56	1n17	23n42	23n42	2n33			n.a.

Julian Day Number = 1704376.5, Delta T = 03h03m56s
Ecliptic obliquity = 23°42'02, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°42'27, Lahiri = - 4°35'27 Julian Calendar 1 May 47 BCE == Greg. Calendar 29 Apr. 047 BCE

The year -46 astronomical counting style corresponds to year 047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 47 BCE
geocentric

JUNE 47 BCE (-46) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 26 25	6♊38'51	18♎33	2♋ 0	6♋55	11♋23	13°R32	10°R45	10♍18	5♌31	26♊34	28°R39	29♊37	5♎26	n.a.	S 1
M 2	16 30 21	7°35'56	0♏35	3°10	8° 7	12° 0	13♎29	10♏41	10°18	5°33	26°36	28♊36	29°34	5°33	n.a.	M 2
T 3	16 34 18	8°33'02	12°44	4°17	9°19	12°37	13°28	10°37	10°19	5°34	26°38	28°33	29°31	5°40	n.a.	T 3
W 4	16 38 15	9°30'08	25° 5	5°22	10°30	13°14	13°26	10°34	10°20	5°36	26°39	28°30	29°28	5°46	n.a.	W 4
T 5	16 42 11	10°27'13	7♐38	6°23	11°42	13°51	13°24	10°30	10°20	5°37	26°41	28°28	29°25	5°53	n.a.	T 5
F 6	16 46 8	11°24'19	20°23	7°22	12°54	14°28	13°23	10°27	10°21	5°38	26°42	28°27	29°22	6° 0	n.a.	F 6
S 7	16 50 4	12°21'25	3♑22	8°17	14° 6	15° 6	13°22	10°23	10°22	5°40	26°44	28°D27	29°18	6° 6	n.a.	S 7
S 8	16 54 1	13°18'31	16°35	9° 9	15°17	15°43	13°21	10°20	10°23	5°41	26°45	28°28	29°15	6°13	n.a.	S 8
M 9	16 57 57	14°15'37	0♒ 0	9°57	16°29	16°20	13°20	10°17	10°24	5°43	26°47	28°29	29°12	6°20	n.a.	M 9
T 10	17 1 54	15°12'44	13°39	10°42	17°41	16°57	13°19	10°13	10°25	5°44	26°49	28°30	29° 9	6°27	n.a.	T 10
W11	17 5 51	16° 9'51	27°29	11°24	18°52	17°34	13°19	10°10	10°26	5°46	26°50	28°31	29° 6	6°33	n.a.	W11
T 12	17 9 47	17° 6'59	11♓31	12° 1	20° 4	18°12	13°18	10° 7	10°27	5°48	26°52	28°R31	29° 2	6°40	n.a.	T 12
F 13	17 13 44	18° 4'08	25°43	12°35	21°15	18°49	13°D18	10° 4	10°28	5°49	26°53	28°31	28°59	6°47	n.a.	F 13
S 14	17 17 40	19° 1'17	10♈ 2	13° 4	22°26	19°26	13°18	10° 1	10°30	5°51	26°55	28°31	28°56	6°53	n.a.	S 14
S 15	17 21 37	19°58'27	24°25	13°29	23°38	20° 4	13°19	9°58	10°31	5°53	26°57	28°30	28°53	7° 0	n.a.	S 15
M16	17 25 33	20°55'37	8♉49	13°50	24°49	20°41	13°19	9°55	10°32	5°54	26°58	28°29	28°50	7° 7	n.a.	M16
T 17	17 29 30	21°52'48	23°10	14° 6	26° 0	21°18	13°20	9°53	10°33	5°56	27° 0	28°28	28°47	7°14	n.a.	T 17
W18	17 33 26	22°50'00	7♊21	14°18	27°12	21°56	13°21	9°50	10°35	5°58	27° 1	28°28	28°43	7°20	n.a.	W18
T 19	17 37 23	23°47'13	21°19	14°25	28°23	22°33	13°22	9°48	10°36	5°59	27° 3	28°27	28°40	7°27	n.a.	T 19
F 20	17 41 20	24°44'26	5♋ 1	14°R27	29°34	23°11	13°23	9°45	10°38	6° 1	27° 5	28°D27	28°37	7°34	n.a.	F 20
S 21	17 45 16	25°41'40	18°24	14°24	0♌45	23°48	13°24	9°43	10°39	6° 3	27° 6	28°28	28°34	7°41	n.a.	S 21
S 22	17 49 13	26°38'54	1♌27	14°16	1°56	24°26	13°26	9°40	10°41	6° 5	27° 8	28°28	28°31	7°47	n.a.	S 22
M23	17 53 9	27°36'09	14°11	14° 3	3° 7	25° 3	13°27	9°38	10°43	6° 7	27°10	28°28	28°28	7°54	n.a.	M23
T 24	17 57 6	28°33'24	26°37	13°46	4°18	25°41	13°29	9°36	10°44	6° 8	27°11	28°R28	28°24	8° 1	n.a.	T 24
W25	18 1 2	29°30'39	8♍49	13°24	5°29	26°18	13°31	9°34	10°46	6°10	27°13	28°28	28°21	8° 7	n.a.	W25
T 26	18 4 59	0♋27'55	20°51	12°57	6°40	26°56	13°34	9°32	10°48	6°12	27°14	28°28	28°18	8°14	n.a.	T 26
F 27	18 8 55	1°25'12	2♎46	12°26	7°50	27°33	13°36	9°30	10°50	6°14	27°16	28°D28	28°15	8°21	n.a.	F 27
S 28	18 12 52	2°22'29	14°40	11°52	9° 1	28°11	13°39	9°28	10°52	6°16	27°18	28°28	28°12	8°28	n.a.	S 28
S 29	18 16 49	3°19'46	26°36	11°14	10°12	28°49	13°41	9°26	10°54	6°18	27°19	28°28	28° 8	8°34	n.a.	S 29
M30	18 20 45	4♋17'05	8♏39	10♋33	11♌22	29♋26	13♎44	9♏25	10♍56	6♌20	27♊21	28♊29	28♊ 5	8♎41	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n39	2s48	4n55	24n54	1n13	25n16	1n45	24n30	1n18	4s 8	1n22	13s 5	2n14	8n30	0n46	19n40	0n35	24n56	1n17	23n42	23n42	2n31		n.a.
M 2	21 49	7 38	4 27	24 44	1 5	25 12	1 45	24 26	1 18	4 8	1 22	13 4	2 14	8 30	0 46	19 40	0 35	24 56	1 17	23 42	23 42	2 28		n.a.
T 3	21 58	12 15	3 46	24 33	0 56	25 8	1 46	24 23	1 17	4 7	1 21	13 3	2 14	8 29	0 46	19 39	0 35	24 56	1 17	23 42	23 42	2 25		n.a.
W 4	22 7	16 26	2 54	24 21	0 46	25 3	1 47	24 19	1 17	4 7	1 21	13 2	2 14	8 29	0 46	19 39	0 35	24 57	1 17	23 42	23 42	2 22		n.a.
T 5	22 16	19 58	1 52	24 9	0 36	24 58	1 47	24 15	1 17	4 6	1 21	13 1	2 13	8 29	0 46	19 39	0 35	24 57	1 17	23 41	23 42	2 19		n.a.
F 6	22 24	22 37	0 44	23 55	0 25	24 51	1 48	24 11	1 17	4 6	1 21	13 0	2 13	8 28	0 46	19 38	0 35	24 57	1 17	23 41	23 42	2 17		n.a.
S 7	22 31	24 7	0s27	23 40	0 14	24 44	1 48	24 6	1 17	4 6	1 20	13 0	2 13	8 28	0 46	19 38	0 35	24 57	1 17	23 41	23 42	2 14		n.a.
S 8	22 39	24 17	1 38	23 25	0 3	24 36	1 48	24 2	1 17	4 6	1 20	12 59	2 13	8 27	0 46	19 38	0 35	24 57	1 17	23 41	23 42	2 11		n.a.
M 9	22 46	23 4	2 46	23 10	0s 9	24 28	1 48	23 57	1 16	4 6	1 20	12 58	2 13	8 27	0 46	19 37	0 35	24 57	1 17	23 42	23 42	2 8		n.a.
T 10	22 52	20 29	3 44	22 54	0 22	24 19	1 49	23 52	1 16	4 6	1 19	12 57	2 12	8 27	0 46	19 37	0 35	24 57	1 17	23 42	23 42	2 6		n.a.
W11	22 58	16 43	4 31	22 38	0 35	24 9	1 49	23 47	1 16	4 6	1 19	12 56	2 12	8 26	0 46	19 36	0 35	24 57	1 18	23 42	23 42	2 3		n.a.
T 12	23 4	11 58	5 3	22 21	0 48	23 58	1 49	23 42	1 16	4 6	1 19	12 55	2 12	8 26	0 45	19 36	0 35	24 57	1 18	23 42	23 42	2 0		n.a.
F 13	23 9	6 33	5 16	22 5	1 2	23 47	1 48	23 37	1 16	4 6	1 18	12 55	2 12	8 25	0 45	19 36	0 35	24 57	1 18	23 42	23 42	1 57		n.a.
S 14	23 14	0 44	5 10	21 48	1 16	23 35	1 48	23 31	1 16	4 7	1 18	12 54	2 12	8 25	0 45	19 35	0 35	24 58	1 18	23 42	23 42	1 54		n.a.
S 15	23 19	5n 9	4 45	21 31	1 30	23 23	1 48	23 26	1 15	4 7	1 18	12 53	2 12	8 24	0 45	19 35	0 35	24 58	1 18	23 42	23 42	1 52		n.a.
M16	23 23	10 47	4 1	21 15	1 44	23 10	1 47	23 20	1 15	4 7	1 18	12 52	2 11	8 24	0 45	19 34	0 35	24 58	1 18	23 42	23 42	1 49		n.a.
T 17	23 27	15 49	3 3	20 59	1 59	22 56	1 47	23 14	1 15	4 8	1 17	12 52	2 11	8 23	0 45	19 34	0 35	24 58	1 18	23 41	23 42	1 46		n.a.
W18	23 30	19 54	1 54	20 43	2 13	22 41	1 46	23 7	1 15	4 9	1 17	12 51	2 11	8 23	0 45	19 33	0 35	24 58	1 18	23 41	23 42	1 43		n.a.
T 19	23 33	22 45	0 39	20 28	2 28	22 26	1 46	23 1	1 15	4 9	1 17	12 51	2 11	8 22	0 45	19 33	0 35	24 58	1 18	23 41	23 42	1 41		n.a.
F 20	23 36	24 13	0n36	20 13	2 42	22 10	1 45	22 55	1 14	4 10	1 16	12 50	2 10	8 21	0 45	19 33	0 35	24 58	1 18	23 41	23 42	1 38		n.a.
S 21	23 38	24 13	1 48	20 0	2 56	21 54	1 44	22 48	1 14	4 11	1 16	12 49	2 10	8 21	0 45	19 32	0 35	24 58	1 18	23 41	23 42	1 35		n.a.
S 22	23 39	22 52	2 53	19 46	3 10	21 37	1 43	22 41	1 14	4 12	1 16	12 49	2 10	8 20	0 45	19 32	0 35	24 58	1 18	23 41	23 42	1 32		n.a.
M23	23 41	20 22	3 47	19 34	3 24	21 20	1 42	22 34	1 14	4 13	1 15	12 48	2 10	8 19	0 45	19 31	0 35	24 58	1 18	23 41	23 41	1 29		n.a.
T 24	23 42	16 59	4 29	19 23	3 37	21 2	1 41	22 27	1 14	4 14	1 15	12 48	2 10	8 19	0 45	19 31	0 35	24 59	1 18	23 41	23 41	1 27		n.a.
W25	23 42	12 57	4 58	19 13	3 49	20 43	1 40	22 19	1 13	4 15	1 15	12 47	2 9	8 18	0 45	19 30	0 35	24 59	1 18	23 41	23 41	1 24		n.a.
T 26	23 42	8 28	5 14	19 4	4 0	20 24	1 39	22 12	1 13	4 16	1 15	12 47	2 9	8 17	0 45	19 30	0 35	24 59	1 18	23 41	23 41	1 21		n.a.
F 27	23 42	3 42	5 16	18 57	4 11	20 4	1 37	22 4	1 13	4 17	1 14	12 47	2 9	8 17	0 45	19 29	0 35	24 59	1 19	23 41	23 41	1 18		n.a.
S 28	23 41	1s10	5 4	18 51	4 20	19 44	1 36	21 56	1 13	4 18	1 14	12 46	2 9	8 16	0 45	19 29	0 35	24 59	1 19	23 41	23 41	1 15		n.a.
S 29	23 39	6 2	4 40	18 46	4 28	19 24	1 34	21 48	1 13	4 20	1 14	12 46	2 8	8 15	0 45	19 28	0 35	24 59	1 19	23 41	23 41	1 13		n.a.
M30	23n38	10s43	4n 2	18n43	4s35	19n 2	1n33	21n40	1n12	4s21	1n13	12s46	2n 8	8n14	0n45	19n28	0n35	24n59	1n19	23n42	23n41	1n10		n.a.

Julian Day Number = 1704407.5, Delta T = 03h03m55s
Ecliptic obliquity = 23°42'02, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°42'23, Lahiri = - 4°35'23 Julian Calendar 1 June 47 BCE == Greg. Calendar 30 May 047 BCE

The year -46 astronomical counting style corresponds to year 047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 47 BCE
geocentric

JULY 47 BCE (-46) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 24 42	5♋14'24	20♏54	9°R50	12♌33	0♌ 4	13♎47	9°R23	10♍58	6♌22	27♊23	28♊29	28♊ 2	8♎48	n.a.	T 1
W 2	18 28 38	6°11'43	3♐22	9♋ 6	13°43	0°42	13°51	9♏22	11° 0	6°24	27°24	28°30	27°59	8°54	n.a.	W 2
T 3	18 32 35	7° 9'04	16° 7	8°21	14°53	1°20	13°54	9°20	11° 2	6°26	27°26	28°31	27°56	9° 1	n.a.	T 3
F 4	18 36 31	8° 6'26	29°10	7°36	16° 4	1°57	13°58	9°19	11° 4	6°28	27°27	28°R31	27°53	9° 8	n.a.	F 4
S 5	18 40 28	9° 3'48	12♑31	6°52	17°14	2°35	14° 1	9°18	11° 6	6°30	27°29	28°30	27°49	9°15	n.a.	S 5
S 6	18 44 24	10° 1'12	26° 9	6°10	18°24	3°13	14° 5	9°17	11° 8	6°32	27°31	28°30	27°46	9°21	n.a.	S 6
M 7	18 48 21	10°58'37	10♒ 1	5°30	19°34	3°51	14° 9	9°16	11°11	6°34	27°32	28°28	27°43	9°28	n.a.	M 7
T 8	18 52 18	11°56'03	24° 4	4°54	20°44	4°29	14°14	9°15	11°13	6°36	27°34	28°27	27°40	9°35	n.a.	T 8
W 9	18 56 14	12°53'30	8♓15	4°22	21°54	5° 7	14°18	9°14	11°15	6°38	27°35	28°25	27°37	9°42	n.a.	W 9
T 10	19 0 11	13°50'59	22°31	3°54	23° 4	5°45	14°23	9°13	11°18	6°40	27°37	28°24	27°34	9°48	n.a.	T 10
F 11	19 4 7	14°48'29	6♈47	3°32	24°14	6°23	14°27	9°13	11°20	6°42	27°38	28°23	27°30	9°55	n.a.	F 11
S 12	19 8 4	15°46'01	21° 1	3°16	25°23	7° 1	14°32	9°12	11°23	6°44	27°40	28°D23	27°27	10° 2	n.a.	S 12
S 13	19 12 0	16°43'34	5♉10	3° 6	26°33	7°39	14°37	9°12	11°25	6°46	27°42	28°23	27°24	10° 8	n.a.	S 13
M14	19 15 57	17°41'09	19°13	3°D 3	27°43	8°17	14°43	9°12	11°28	6°48	27°43	28°25	27°21	10°15	n.a.	M14
T 15	19 19 53	18°38'46	3♊ 7	3° 6	28°52	8°55	14°48	9°11	11°30	6°50	27°45	28°26	27°18	10°22	n.a.	T 15
W16	19 23 50	19°36'24	16°51	3°17	0♏ 1	9°33	14°54	9°11	11°33	6°53	27°46	28°27	27°14	10°29	n.a.	W16
T 17	19 27 47	20°34'04	0♋24	3°34	1°11	10°11	14°59	9°D11	11°36	6°55	27°48	28°R27	27°11	10°35	n.a.	T 17
F 18	19 31 43	21°31'45	13°43	3°59	2°20	10°49	15° 5	9°11	11°39	6°57	27°49	28°27	27° 8	10°42	n.a.	F 18
S 19	19 35 40	22°29'28	26°49	4°32	3°29	11°28	15°11	9°11	11°41	6°59	27°51	28°25	27° 5	10°49	n.a.	S 19
S 20	19 39 36	23°27'12	9♌40	5°11	4°38	12° 6	15°17	9°12	11°44	7° 1	27°52	28°22	27° 2	10°55	n.a.	S 20
M21	19 43 33	24°24'57	22°16	5°58	5°47	12°44	15°23	9°12	11°47	7° 3	27°54	28°18	26°59	11° 2	n.a.	M21
T 22	19 47 29	25°22'44	4♍38	6°51	6°56	13°23	15°30	9°12	11°50	7° 6	27°55	28°13	26°55	11° 9	n.a.	T 22
W23	19 51 26	26°20'32	16°48	7°51	8° 5	14° 1	15°36	9°13	11°53	7° 8	27°57	28° 9	26°52	11°16	n.a.	W23
T 24	19 55 22	27°18'21	28°48	8°58	9°13	14°39	15°43	9°13	11°56	7°10	27°58	28° 5	26°49	11°22	n.a.	T 24
F 25	19 59 19	28°16'12	10♎42	10°10	10°22	15°18	15°50	9°14	11°59	7°12	28° 0	28° 2	26°46	11°29	n.a.	F 25
S 26	20 3 16	29°14'04	22°35	11°29	11°30	15°56	15°57	9°15	12° 2	7°14	28° 1	28° 1	26°43	11°36	n.a.	S 26
S 27	20 7 12	0♌11'57	4♏30	12°53	12°38	16°35	16° 4	9°16	12° 5	7°17	28° 2	28°D 1	26°40	11°43	n.a.	S 27
M28	20 11 9	1° 9'52	16°32	14°22	13°47	17°13	16°11	9°17	12° 8	7°19	28° 4	28° 2	26°36	11°49	n.a.	M28
T 29	20 15 5	2° 7'49	28°46	15°56	14°55	17°52	16°19	9°18	12°11	7°21	28° 5	28° 3	26°33	11°56	n.a.	T 29
W30	20 19 2	3° 5'46	11♐18	17°34	16° 3	18°30	16°26	9°19	12°14	7°23	28° 7	28° 5	26°30	12° 3	n.a.	W30
T 31	20 22 58	4♌ 3'46	24♐ 9	19♋15	17♍11	19♌ 9	16♎34	9♏21	12♍17	7♌26	28♊ 8	28°R 6	26♊27	12♎ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n36	15s 4	3n14	18n41	4s40	18n41	1n31	21n32	1n12	4s23	1n13	12s45	2n 8	8n13	0n45	19n27	0n35	24n59	1n19	23n42	23n41	1n 7			n.a.
W 2	23 33	18 51	2 15	18 41	4 43	18 19	1 29	21 23	1 12	4 24	1 13	12 45	2 8	8 13	0 45	19 27	0 35	24 59	1 19	23 42	23 41	1 4			n.a.
T 3	23 30	21 50	1 8	18 42	4 45	17 56	1 27	21 15	1 12	4 26	1 13	12 45	2 7	8 12	0 45	19 26	0 35	24 59	1 19	23 42	23 41	1 1			n.a.
F 4	23 27	23 46	0s 4	18 44	4 45	17 33	1 25	21 6	1 11	4 27	1 12	12 45	2 7	8 11	0 45	19 26	0 35	25 0	1 19	23 42	23 41	0 58			n.a.
S 5	23 23	24 23	1 17	18 49	4 43	17 9	1 23	20 57	1 11	4 29	1 12	12 45	2 7	8 10	0 45	19 25	0 35	25 0	1 19	23 42	23 41	0 56			n.a.
S 6	23 19	23 33	2 27	18 54	4 39	16 45	1 21	20 48	1 11	4 31	1 12	12 45	2 7	8 9	0 45	19 25	0 35	25 0	1 19	23 42	23 41	0 53			n.a.
M 7	23 14	21 17	3 30	19 1	4 34	16 21	1 19	20 39	1 11	4 33	1 11	12 44	2 7	8 8	0 44	19 24	0 35	25 0	1 19	23 41	23 41	0 50			n.a.
T 8	23 9	17 44	4 21	19 10	4 27	15 56	1 16	20 29	1 11	4 35	1 11	12 44	2 6	8 7	0 44	19 24	0 35	25 0	1 19	23 41	23 41	0 47			n.a.
W 9	23 4	13 8	4 56	19 19	4 18	15 31	1 14	20 20	1 10	4 37	1 11	12 44	2 6	8 6	0 44	19 23	0 35	25 0	1 19	23 41	23 41	0 44			n.a.
T 10	22 58	7 48	5 14	19 30	4 8	15 6	1 11	20 10	1 10	4 39	1 11	12 44	2 6	8 5	0 44	19 23	0 35	25 0	1 19	23 41	23 41	0 42			n.a.
F 11	22 52	2 3	5 12	19 42	3 57	14 40	1 9	20 0	1 10	4 41	1 10	12 44	2 6	8 4	0 44	19 22	0 35	25 0	1 20	23 41	23 41	0 39			n.a.
S 12	22 45	3n47	4 51	19 55	3 45	14 14	1 6	19 51	1 10	4 43	1 10	12 44	2 5	8 3	0 44	19 22	0 35	25 0	1 20	23 41	23 41	0 36			n.a.
S 13	22 38	9 25	4 13	20 9	3 31	13 47	1 3	19 40	1 9	4 45	1 10	12 45	2 5	8 2	0 44	19 21	0 35	25 0	1 20	23 41	23 40	0 33			n.a.
M14	22 31	14 31	3 20	20 23	3 17	13 21	1 0	19 30	1 9	4 48	1 9	12 45	2 5	8 1	0 44	19 21	0 35	25 1	1 20	23 41	23 40	0 30			n.a.
T 15	22 23	18 48	2 15	20 38	3 1	12 53	0 57	19 20	1 9	4 50	1 9	12 45	2 5	8 0	0 44	19 20	0 35	25 1	1 20	23 41	23 40	0 27			n.a.
W16	22 15	21 59	1 3	20 54	2 46	12 26	0 54	19 9	1 9	4 52	1 9	12 45	2 4	7 59	0 44	19 20	0 35	25 1	1 20	23 41	23 40	0 25			n.a.
T 17	22 6	23 53	0n11	21 10	2 30	11 58	0 51	18 59	1 8	4 55	1 9	12 45	2 4	7 58	0 44	19 19	0 35	25 1	1 20	23 41	23 40	0 22			n.a.
F 18	21 57	24 22	1 23	21 25	2 13	11 30	0 48	18 48	1 8	4 57	1 8	12 46	2 4	7 57	0 44	19 18	0 35	25 1	1 20	23 41	23 40	0 19			n.a.
S 19	21 48	23 28	2 29	21 41	1 57	11 2	0 45	18 37	1 8	5 0	1 8	12 46	2 4	7 56	0 44	19 18	0 35	25 1	1 20	23 41	23 40	0 16			n.a.
S 20	21 38	21 21	3 27	21 56	1 40	10 33	0 41	18 26	1 8	5 2	1 8	12 46	2 3	7 55	0 44	19 17	0 35	25 1	1 20	23 41	23 40	0 13			n.a.
M21	21 28	18 14	4 13	22 10	1 24	10 5	0 38	18 15	1 7	5 5	1 8	12 46	2 3	7 54	0 44	19 17	0 35	25 1	1 20	23 41	23 40	0 10			n.a.
T 22	21 18	14 21	4 47	22 24	1 8	9 36	0 34	18 3	1 7	5 8	1 7	12 47	2 3	7 53	0 44	19 16	0 35	25 1	1 20	23 41	23 40	0 8			n.a.
W23	21 7	9 58	5 6	22 36	0 52	9 6	0 31	17 52	1 7	5 11	1 7	12 47	2 3	7 52	0 44	19 16	0 35	25 2	1 20	23 41	23 40	0 5			n.a.
T 24	20 56	5 15	5 12	22 47	0 36	8 37	0 27	17 40	1 6	5 14	1 7	12 48	2 2	7 50	0 44	19 15	0 35	25 2	1 21	23 41	23 40	0 2			n.a.
F 25	20 44	0 23	5 5	22 57	0 21	8 7	0 23	17 29	1 6	5 16	1 7	12 48	2 2	7 49	0 44	19 15	0 35	25 2	1 21	23 41	23 40	0s 1			n.a.
S 26	20 32	4s29	4 44	23 5	0 7	7 38	0 19	17 17	1 6	5 19	1 6	12 49	2 2	7 48	0 44	19 14	0 35	25 2	1 21	23 41	23 40	0 4			n.a.
S 27	20 20	9 13	4 12	23 11	0n 7	7 8	0 16	17 5	1 6	5 22	1 6	12 49	2 2	7 47	0 44	19 13	0 35	25 2	1 21	23 41	23 39	0 7			n.a.
M28	20 7	13 39	3 27	23 14	0 19	6 38	0 12	16 53	1 5	5 25	1 6	12 50	2 1	7 46	0 44	19 13	0 36	25 2	1 21	23 41	23 39	0 10			n.a.
T 29	19 54	17 37	2 33	23 16	0 32	6 7	0 8	16 41	1 5	5 28	1 6	12 50	2 1	7 44	0 44	19 12	0 36	25 2	1 21	23 41	23 39	0 12			n.a.
W30	19 41	20 53	1 30	23 14	0 43	5 37	0 3	16 28	1 5	5 32	1 5	12 51	2 1	7 43	0 44	19 12	0 36	25 2	1 21	23 41	23 39	0 15			n.a.
T 31	19n27	23s13	0n21	23n11	0n53	5n 6	0s 1	16n16	1n 4	5s35	1n 5	12s52	2n 1	7n42	0n44	19n11	0n36	25n 2	1n21	23n41	23n39	0s18			n.a.

Julian Day Number = 1704437.5, Delta T = 03h03m54s
Ecliptic obliquity = 23°42'02, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°42'19, Lahiri = - 4°35'19 Julian Calendar 1 July 47 BCE == Greg. Calendar 29 June 047 BCE

The year -46 astronomical counting style corresponds to year 047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 47 BCE
geocentric

AUGUST 47 BCE (-46) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 26 55	5♌ 1'47	7♉23	21♋ 0	18♍18	19♌47	16♎42	9♏22	12♍20	7♌28	28♊ 9	28°R 6	26♊24	12♎16	n.a.	F 1
S 2	20 30 51	5°59'49	21° 1	22°48	19°26	20°26	16°50	9°23	12°23	7°30	28°11	28♊ 4	26°20	12°23	n.a.	S 2
S 3	20 34 48	6°57'53	5♒ 2	24°38	20°33	21° 5	16°58	9°25	12°27	7°32	28°12	28° 0	26°17	12°30	n.a.	S 3
M 4	20 38 45	7°55'59	19°20	26°31	21°41	21°43	17° 6	9°27	12°30	7°34	28°13	27°55	26°14	12°36	n.a.	M 4
T 5	20 42 41	8°54'07	3♓52	28°24	22°48	22°22	17°14	9°28	12°33	7°37	28°15	27°49	26°11	12°43	n.a.	T 5
W 6	20 46 38	9°52'16	18°31	0♌19	23°55	23° 1	17°22	9°30	12°37	7°39	28°16	27°42	26° 8	12°50	n.a.	W 6
T 7	20 50 34	10°50'28	3♈ 8	2°14	25° 2	23°40	17°31	9°32	12°40	7°41	28°17	27°37	26° 5	12°56	n.a.	T 7
F 8	20 54 31	11°48'42	17°39	4°10	26° 8	24°19	17°40	9°34	12°43	7°43	28°18	27°33	26° 1	13° 3	n.a.	F 8
S 9	20 58 27	12°46'57	1♉59	6° 7	27°15	24°57	17°48	9°36	12°47	7°46	28°20	27°30	25°58	13°10	n.a.	S 9
S 10	21 2 24	13°45'16	16° 4	8° 3	28°21	25°36	17°57	9°39	12°50	7°48	28°21	27°D30	25°55	13°17	n.a.	S 10
M11	21 6 20	14°43'36	29°55	9°59	29°28	26°15	18° 6	9°41	12°53	7°50	28°22	27°31	25°52	13°23	n.a.	M11
T 12	21 10 17	15°41'59	13♊31	11°54	0♎34	26°54	18°15	9°43	12°57	7°52	28°23	27°32	25°49	13°30	n.a.	T 12
W13	21 14 14	16°40'24	26°53	13°49	1°40	27°33	18°24	9°46	13° 0	7°55	28°24	27°R33	25°46	13°37	n.a.	W13
T 14	21 18 10	17°38'51	10♋ 2	15°43	2°46	28°12	18°34	9°49	13° 4	7°57	28°26	27°32	25°42	13°43	n.a.	T 14
F 15	21 22 7	18°37'20	22°59	17°37	3°51	28°52	18°43	9°51	13° 7	7°59	28°27	27°29	25°39	13°50	n.a.	F 15
S 16	21 26 3	19°35'51	5♌45	19°29	4°57	29°31	18°53	9°54	13°11	8° 1	28°28	27°24	25°36	13°57	n.a.	S 16
S 17	21 30 0	20°34'25	18°19	21°21	6° 2	0♍10	19° 2	9°57	13°14	8° 3	28°29	27°16	25°33	14° 4	n.a.	S 17
M18	21 33 56	21°33'00	0♍43	23°12	7° 7	0°49	19°12	10° 0	13°18	8° 5	28°30	27° 7	25°30	14°10	n.a.	M18
T 19	21 37 53	22°31'37	12°57	25° 1	8°12	1°28	19°22	10° 3	13°22	8° 8	28°31	26°56	25°26	14°17	n.a.	T 19
W20	21 41 49	23°30'16	25° 2	26°50	9°17	2° 8	19°32	10° 6	13°25	8°10	28°32	26°45	25°23	14°24	n.a.	W20
T 21	21 45 46	24°28'57	6♎59	28°38	10°21	2°47	19°42	10° 9	13°29	8°12	28°33	26°36	25°20	14°30	n.a.	T 21
F 22	21 49 43	25°27'40	18°51	0♍25	11°26	3°26	19°52	10°12	13°33	8°14	28°34	26°28	25°17	14°37	n.a.	F 22
S 23	21 53 39	26°26'25	0♏41	2°11	12°30	4° 6	20° 2	10°16	13°36	8°16	28°35	26°22	25°14	14°44	n.a.	S 23
S 24	21 57 36	27°25'12	12°33	3°55	13°33	4°45	20°13	10°19	13°40	8°18	28°36	26°19	25°11	14°51	n.a.	S 24
M25	22 1 32	28°24'01	24°32	5°39	14°37	5°24	20°23	10°23	13°44	8°21	28°37	26°D17	25° 7	14°57	n.a.	M25
T 26	22 5 29	29°22'51	6♐43	7°22	15°40	6° 4	20°34	10°26	13°47	8°23	28°38	26°18	25° 4	15° 4	n.a.	T 26
W27	22 9 25	0♍21'43	19°12	9° 4	16°44	6°43	20°44	10°30	13°51	8°25	28°39	26°18	25° 1	15°11	n.a.	W27
T 28	22 13 22	1°20'37	2♉ 2	10°44	17°46	7°23	20°55	10°34	13°55	8°27	28°40	26°R18	24°58	15°17	n.a.	T 28
F 29	22 17 18	2°19'34	15°18	12°24	18°49	8° 3	21° 6	10°38	13°58	8°29	28°41	26°17	24°55	15°24	n.a.	F 29
S 30	22 21 15	3°18'31	29° 3	14° 3	19°51	8°42	21°16	10°42	14° 2	8°31	28°41	26°13	24°51	15°31	n.a.	S 30
S 31	22 25 12	4♍17'31	13♒15	15♍41	20♎53	9♍22	21♎27	10♏46	14♍ 6	8♌33	28♊42	26♊ 6	24♊48	15♎38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n13	24s20	0s50	23n 4	1n 3	4n36	0s 5	16n 3	1n 4	5s38	1n 5	12s52	2n 0	7n41	0n44	19n11	0n36	25n 2	1n21	23n41	23n39	0s21		n.a.
S 2	18 59	24 2	2 1	22 55	1 11	4 5	0 9	15 51	1 4	5 41	1 5	12 53	2 0	7 39	0 44	19 10	0 36	25 3	1 21	23 41	23 39	0 24		n.a.
S 3	18 44	22 14	3 7	22 43	1 19	3 34	0 14	15 38	1 4	5 45	1 4	12 54	2 0	7 38	0 44	19 10	0 36	25 3	1 21	23 41	23 39	0 27		n.a.
M 4	18 29	19 0	4 2	22 29	1 25	3 3	0 18	15 25	1 3	5 48	1 4	12 55	2 0	7 37	0 44	19 9	0 36	25 3	1 21	23 41	23 39	0 29		n.a.
T 5	18 14	14 34	4 42	22 12	1 31	2 33	0 23	15 12	1 3	5 51	1 4	12 55	1 59	7 36	0 44	19 8	0 36	25 3	1 22	23 41	23 39	0 32		n.a.
W 6	17 58	9 15	5 5	21 52	1 36	2 2	0 27	14 59	1 3	5 55	1 4	12 56	1 59	7 34	0 44	19 8	0 36	25 3	1 22	23 41	23 39	0 35		n.a.
T 7	17 42	3 26	5 7	21 30	1 40	1 31	0 32	14 45	1 2	5 58	1 3	12 57	1 59	7 33	0 44	19 7	0 36	25 3	1 22	23 41	23 39	0 38		n.a.
F 8	17 26	2n32	4 50	21 6	1 43	1 0	0 36	14 32	1 2	6 2	1 3	12 58	1 59	7 32	0 44	19 7	0 36	25 3	1 22	23 41	23 38	0 41		n.a.
S 9	17 9	8 18	4 15	20 39	1 45	0 29	0 41	14 19	1 2	6 5	1 3	12 59	1 58	7 30	0 44	19 6	0 36	25 3	1 22	23 41	23 38	0 44		n.a.
S 10	16 53	13 34	3 25	20 11	1 47	0s 2	0 46	14 5	1 1	6 9	1 3	13 0	1 58	7 29	0 44	19 6	0 36	25 3	1 22	23 41	23 38	0 47		n.a.
M11	16 36	18 1	2 23	19 40	1 48	0 33	0 51	13 51	1 1	6 13	1 3	13 1	1 58	7 28	0 44	19 5	0 36	25 4	1 22	23 41	23 38	0 49		n.a.
T 12	16 18	21 26	1 15	19 8	1 48	1 4	0 56	13 38	1 1	6 16	1 2	13 2	1 58	7 26	0 43	19 4	0 36	25 4	1 22	23 41	23 38	0 52		n.a.
W13	16 1	23 36	0 4	18 35	1 48	1 35	1 0	13 24	1 0	6 20	1 2	13 3	1 57	7 25	0 43	19 4	0 36	25 4	1 22	23 41	23 38	0 55		n.a.
T 14	15 43	24 26	1n 7	18 0	1 47	2 6	1 5	13 10	1 0	6 24	1 2	13 4	1 57	7 24	0 43	19 3	0 36	25 4	1 22	23 41	23 38	0 58		n.a.
F 15	15 25	23 54	2 12	17 23	1 45	2 37	1 10	12 56	1 0	6 28	1 2	13 5	1 57	7 22	0 43	19 3	0 36	25 4	1 22	23 41	23 38	1 1		n.a.
S 16	15 6	22 7	3 10	16 46	1 43	3 8	1 15	12 42	0 59	6 32	1 2	13 6	1 57	7 21	0 43	19 2	0 36	25 4	1 23	23 40	23 38	1 4		n.a.
S 17	14 47	19 16	3 58	16 7	1 40	3 39	1 20	12 27	0 59	6 35	1 1	13 7	1 56	7 19	0 43	19 2	0 36	25 4	1 23	23 40	23 37	1 7		n.a.
M18	14 28	15 35	4 33	15 28	1 37	4 10	1 25	12 13	0 59	6 39	1 1	13 8	1 56	7 18	0 43	19 1	0 36	25 4	1 23	23 40	23 37	1 10		n.a.
T 19	14 9	11 18	4 55	14 47	1 34	4 40	1 31	11 59	0 58	6 43	1 1	13 9	1 56	7 17	0 43	19 1	0 36	25 4	1 23	23 40	23 37	1 12		n.a.
W20	13 50	6 38	5 4	14 6	1 30	5 11	1 36	11 44	0 58	6 47	1 1	13 11	1 56	7 15	0 43	19 0	0 36	25 4	1 23	23 40	23 37	1 15		n.a.
T 21	13 30	1 46	4 59	13 25	1 25	5 41	1 41	11 29	0 58	6 51	1 1	13 12	1 55	7 14	0 43	18 59	0 36	25 5	1 23	23 39	23 37	1 18		n.a.
F 22	13 10	3s 7	4 42	12 42	1 21	6 11	1 46	11 15	0 57	6 55	1 0	13 13	1 55	7 12	0 43	18 59	0 36	25 5	1 23	23 39	23 37	1 21		n.a.
S 23	12 50	7 54	4 12	12 0	1 16	6 42	1 51	11 0	0 57	6 59	1 0	13 14	1 55	7 11	0 43	18 58	0 36	25 5	1 23	23 39	23 37	1 24		n.a.
S 24	12 30	12 25	3 31	11 17	1 11	7 11	1 56	10 45	0 57	7 4	1 0	13 16	1 55	7 9	0 43	18 58	0 36	25 5	1 23	23 39	23 37	1 27		n.a.
M25	12 10	16 31	2 41	10 33	1 5	7 41	2 2	10 30	0 56	7 8	1 0	13 17	1 55	7 8	0 43	18 57	0 36	25 5	1 23	23 39	23 37	1 30		n.a.
T 26	11 49	19 59	1 42	9 49	1 0	8 11	2 7	10 15	0 56	7 12	1 0	13 18	1 54	7 7	0 43	18 57	0 36	25 5	1 23	23 39	23 36	1 33		n.a.
W27	11 28	22 38	0 38	9 5	0 54	8 40	2 12	10 0	0 56	7 16	0 59	13 20	1 54	7 5	0 43	18 56	0 36	25 5	1 24	23 39	23 36	1 35		n.a.
T 28	11 7	24 12	0s30	8 21	0 48	9 10	2 17	9 45	0 55	7 20	0 59	13 21	1 54	7 4	0 43	18 56	0 36	25 5	1 24	23 39	23 36	1 38		n.a.
F 29	10 46	24 27	1 39	7 37	0 42	9 39	2 23	9 29	0 55	7 24	0 59	13 23	1 54	7 2	0 43	18 55	0 36	25 5	1 24	23 39	23 36	1 41		n.a.
S 30	10 24	23 15	2 45	6 53	0 35	10 7	2 28	9 14	0 54	7 29	0 59	13 24	1 53	7 1	0 43	18 55	0 36	25 6	1 24	23 39	23 36	1 44		n.a.
S 31	10n 2	20s34	3s42	6n 9	0n29	10s36	2s33	8n59	0n54	7s33	0n59	13s25	1n53	6n59	0n43	18n54	0n36	25n 6	1n24	23n39	23n36	1s47		n.a.

Julian Day Number = 1704468.5, Delta T = 03h03m53s
Ecliptic obliquity = 23°42'03, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°42'15, Lahiri = - 4°35'14 Julian Calendar 1 Aug. 47 BCE == Greg. Calendar 30 July 047 BCE

The year -46 astronomical counting style corresponds to year 047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 47 BCE
geocentric

SEPTEMBER 47 BCE (-46) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 29 8	5♍16'33	27♒52	17♍18	21♎55	10♍ 2	21♎38	10♏50	14♍10	8♑35	28♊43	25°R58	24♊45	15♎44	n.a.	M 1
T 2	22 33 5	6°15'37	12♓47	18°55	22°56	10°41	21°50	10°54	14°13	8°37	28°44	25♊47	24°42	15°51	n.a.	T 2
W 3	22 37 1	7°14'43	27°50	20°30	23°57	11°21	22° 1	10°58	14°17	8°39	28°45	25°37	24°39	15°58	n.a.	W 3
T 4	22 40 58	8°13'51	12♈53	22° 5	24°58	12° 1	22°12	11° 2	14°21	8°41	28°45	25°27	24°36	16° 4	n.a.	T 4
F 5	22 44 54	9°13'02	27°45	23°38	25°59	12°41	22°23	11° 7	14°25	8°43	28°46	25°20	24°32	16°11	n.a.	F 5
S 6	22 48 51	10°12'15	12♉20	25°11	26°59	13°21	22°35	11°11	14°28	8°45	28°47	25°15	24°29	16°18	n.a.	S 6
S 7	22 52 47	11°11'30	26°33	26°44	27°58	14° 1	22°46	11°16	14°32	8°47	28°47	25°12	24°26	16°25	n.a.	S 7
M 8	22 56 44	12°10'48	10♊24	28°15	28°58	14°41	22°58	11°20	14°36	8°49	28°48	25°D11	24°23	16°31	n.a.	M 8
T 9	23 0 40	13°10'08	23°53	29°45	29°57	15°21	23° 9	11°25	14°40	8°51	28°48	25°R12	24°20	16°38	n.a.	T 9
W10	23 4 37	14° 9'31	7♋ 3	1♎15	0♏55	16° 1	23°21	11°30	14°44	8°53	28°49	25°11	24°17	16°45	n.a.	W10
T 11	23 8 34	15° 8'57	19°57	2°44	1°53	16°41	23°33	11°35	14°47	8°55	28°50	25° 9	24°13	16°51	n.a.	T 11
F 12	23 12 30	16° 8'24	2♌37	4°12	2°51	17°21	23°45	11°40	14°51	8°57	28°50	25° 4	24°10	16°58	n.a.	F 12
S 13	23 16 27	17° 7'54	15° 5	5°40	3°48	18° 1	23°57	11°45	14°55	8°58	28°51	24°57	24° 7	17° 5	n.a.	S 13
S 14	23 20 23	18° 7'26	27°24	7° 6	4°45	18°41	24° 9	11°50	14°59	9° 0	28°51	24°46	24° 4	17°12	n.a.	S 14
M15	23 24 20	19° 7'01	9♍36	8°32	5°42	19°22	24°21	11°55	15° 3	9° 2	28°52	24°33	24° 1	17°18	n.a.	M15
T 16	23 28 16	20° 6'37	21°40	9°57	6°37	20° 2	24°33	12° 0	15° 6	9° 4	28°52	24°19	23°57	17°25	n.a.	T 16
W17	23 32 13	21° 6'16	3♎38	11°21	7°33	20°42	24°45	12° 5	15°10	9° 6	28°52	24° 4	23°54	17°32	n.a.	W17
T 18	23 36 9	22° 5'56	15°32	12°44	8°28	21°23	24°57	12°10	15°14	9° 7	28°53	23°50	23°51	17°38	n.a.	T 18
F 19	23 40 6	23° 5'39	27°22	14° 6	9°22	22° 3	25° 9	12°16	15°18	9° 9	28°53	23°39	23°48	17°45	n.a.	F 19
S 20	23 44 3	24° 5'24	9♏11	15°27	10°16	22°44	25°22	12°21	15°21	9°11	28°54	23°30	23°45	17°52	n.a.	S 20
S 21	23 47 59	25° 5'10	21° 2	16°47	11° 9	23°24	25°34	12°26	15°25	9°13	28°54	23°24	23°42	17°59	n.a.	S 21
M22	23 51 56	26° 4'59	3♐ 0	18° 5	12° 1	24° 5	25°47	12°32	15°29	9°14	28°54	23°21	23°38	18° 5	n.a.	M22
T 23	23 55 52	27° 4'49	15° 8	19°23	12°53	24°45	25°59	12°38	15°33	9°16	28°54	23°20	23°35	18°12	n.a.	T 23
W24	23 59 49	28° 4'41	27°31	20°39	13°44	25°26	26°12	12°43	15°36	9°17	28°55	23°19	23°32	18°19	n.a.	W24
T 25	0 3 45	29° 4'35	10♑16	21°54	14°35	26° 6	26°24	12°49	15°40	9°19	28°55	23°19	23°29	18°25	n.a.	T 25
F 26	0 7 42	0♎ 4'31	23°26	23° 7	15°25	26°47	26°37	12°55	15°44	9°21	28°55	23°17	23°26	18°32	n.a.	F 26
S 27	0 11 38	1° 4'28	7♒ 6	24°19	16°14	27°28	26°50	13° 0	15°47	9°22	28°55	23°14	23°23	18°39	n.a.	S 27
S 28	0 15 35	2° 4'27	21°16	25°28	17° 2	28° 9	27° 2	13° 6	15°51	9°24	28°55	23° 7	23°19	18°46	n.a.	S 28
M29	0 19 31	3° 4'28	5♓55	26°36	17°49	28°49	27°15	13°12	15°55	9°25	28°55	22°58	23°16	18°52	n.a.	M29
T 30	0 23 28	4♎ 4'30	20♓57	27♎42	18♏36	29♍30	27♎28	13♏18	15♍58	9♑27	28♊55	22♊47	23♊13	18♎59	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	9n41	16s30	4s27	5n24	0n22	11s 4	2s38	8n43	0n54	7s37	0n58	13s27	1n53	6n58	0n43	18n54	0n36	25n 6	1n24	23n38	23n36	1s50		n.a.
T 2	9 19	11 21	4 54	4 40	0 15	11 32	2 44	8 28	0 53	7 42	0 58	13 28	1 53	6 56	0 43	18 53	0 36	25 6	1 24	23 38	23 36	1 53		n.a.
W 3	8 57	5 28	5 1	3 56	0 8	12 0	2 49	8 12	0 53	7 46	0 58	13 30	1 53	6 55	0 43	18 52	0 36	25 6	1 24	23 38	23 35	1 56		n.a.
T 4	8 34	0n44	4 48	3 12	0 1	12 28	2 54	7 56	0 53	7 50	0 58	13 31	1 52	6 53	0 43	18 52	0 36	25 6	1 24	23 37	23 35	1 58		n.a.
F 5	8 12	6 49	4 15	2 28	0s 6	12 55	2 59	7 41	0 52	7 55	0 58	13 33	1 52	6 52	0 43	18 51	0 36	25 6	1 24	23 37	23 35	2 1		n.a.
S 6	7 49	12 26	3 26	1 44	0 13	13 22	3 4	7 25	0 52	7 59	0 58	13 35	1 52	6 50	0 43	18 51	0 36	25 6	1 25	23 37	23 35	2 4		n.a.
S 7	7 27	17 14	2 25	1 1	0 20	13 49	3 10	7 9	0 51	8 4	0 57	13 36	1 52	6 49	0 43	18 50	0 36	25 6	1 25	23 37	23 35	2 7		n.a.
M 8	7 4	20 58	1 17	0 17	0 27	14 15	3 15	6 53	0 51	8 8	0 57	13 38	1 52	6 47	0 43	18 50	0 36	25 6	1 25	23 37	23 35	2 10		n.a.
T 9	6 41	23 27	0 7	0s25	0 34	14 41	3 20	6 37	0 51	8 13	0 57	13 39	1 51	6 46	0 43	18 49	0 36	25 7	1 25	23 37	23 35	2 13		n.a.
W10	6 18	24 33	1n 2	1 8	0 41	15 7	3 25	6 21	0 50	8 17	0 57	13 41	1 51	6 44	0 43	18 49	0 36	25 7	1 25	23 37	23 35	2 16		n.a.
T 11	5 55	24 17	2 7	1 50	0 48	15 32	3 30	6 5	0 50	8 22	0 57	13 43	1 51	6 43	0 43	18 49	0 36	25 7	1 25	23 37	23 34	2 19		n.a.
F 12	5 32	22 46	3 4	2 32	0 56	15 57	3 35	5 48	0 49	8 26	0 57	13 44	1 51	6 42	0 43	18 48	0 36	25 7	1 25	23 36	23 34	2 22		n.a.
S 13	5 8	20 9	3 51	3 14	1 3	16 22	3 40	5 32	0 49	8 31	0 56	13 46	1 51	6 40	0 43	18 48	0 36	25 7	1 25	23 36	23 34	2 24		n.a.
S 14	4 45	16 40	4 26	3 55	1 10	16 46	3 44	5 16	0 49	8 36	0 56	13 48	1 50	6 39	0 43	18 47	0 36	25 7	1 25	23 36	23 34	2 27		n.a.
M15	4 21	12 31	4 49	4 35	1 17	17 10	3 49	5 0	0 48	8 40	0 56	13 50	1 50	6 37	0 43	18 47	0 36	25 7	1 25	23 35	23 34	2 30		n.a.
T 16	3 58	7 54	4 59	5 16	1 24	17 33	3 54	4 43	0 48	8 45	0 56	13 51	1 50	6 36	0 43	18 46	0 36	25 7	1 26	23 35	23 34	2 33		n.a.
W17	3 34	3 3	4 55	5 55	1 30	17 56	3 59	4 27	0 47	8 49	0 56	13 53	1 50	6 34	0 43	18 46	0 36	25 7	1 26	23 34	23 34	2 36		n.a.
T 18	3 10	1s54	4 39	6 34	1 37	18 18	4 3	4 10	0 47	8 54	0 56	13 55	1 50	6 33	0 43	18 45	0 36	25 8	1 26	23 33	23 33	2 39		n.a.
F 19	2 46	6 46	4 10	7 12	1 44	18 41	4 8	3 54	0 47	8 59	0 56	13 57	1 50	6 31	0 43	18 45	0 36	25 8	1 26	23 33	23 33	2 42		n.a.
S 20	2 22	11 23	3 30	7 50	1 50	19 2	4 12	3 37	0 46	9 3	0 55	13 59	1 49	6 30	0 43	18 44	0 36	25 8	1 26	23 32	23 33	2 45		n.a.
S 21	1 58	15 37	2 42	8 27	1 57	19 24	4 17	3 21	0 46	9 8	0 55	14 0	1 49	6 28	0 43	18 44	0 36	25 8	1 26	23 32	23 33	2 48		n.a.
M22	1 34	19 16	1 45	9 3	2 3	19 44	4 21	3 4	0 45	9 13	0 55	14 2	1 49	6 27	0 43	18 44	0 37	25 8	1 26	23 32	23 33	2 51		n.a.
T 23	1 10	22 9	0 43	9 39	2 9	20 5	4 25	2 47	0 45	9 17	0 55	14 4	1 49	6 25	0 43	18 43	0 37	25 8	1 26	23 32	23 33	2 53		n.a.
W24	0 46	24 3	0s22	10 13	2 14	20 24	4 29	2 31	0 44	9 22	0 55	14 6	1 49	6 24	0 43	18 43	0 37	25 8	1 26	23 32	23 32	2 56		n.a.
T 25	0 22	24 46	1 28	10 47	2 20	20 44	4 33	2 14	0 44	9 27	0 55	14 8	1 49	6 22	0 43	18 42	0 37	25 8	1 26	23 32	23 32	2 59		n.a.
F 26	0s 2	24 8	2 32	11 19	2 25	21 2	4 37	1 57	0 43	9 32	0 55	14 10	1 48	6 21	0 43	18 42	0 37	25 8	1 27	23 32	23 32	3 2		n.a.
S 27	0 26	22 4	3 29	11 51	2 30	21 20	4 40	1 41	0 43	9 36	0 55	14 12	1 48	6 20	0 43	18 42	0 37	25 8	1 27	23 32	23 32	3 5		n.a.
S 28	0 50	18 36	4 16	12 21	2 35	21 38	4 44	1 24	0 43	9 41	0 54	14 14	1 48	6 18	0 43	18 41	0 37	25 9	1 27	23 31	23 32	3 8		n.a.
M29	1 14	13 53	4 48	12 50	2 39	21 55	4 48	1 7	0 42	9 46	0 54	14 16	1 48	6 17	0 43	18 41	0 37	25 9	1 27	23 31	23 32	3 11		n.a.
T 30	1s38	8s13	5s 1	13s18	2s43	22s12	4s51	0n50	0n42	9s51	0n54	14s17	1n48	6n15	0n43	18n40	0n37	25n 9	1n27	23n30	23n32	3s14		n.a.

Julian Day Number = 1704499.5, Delta T = 03h03m52s
Ecliptic obliquity = 23°42'04, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°42'11, Lahiri = - 4°35'10 Julian Calendar 1 Sept. 47 BCE == Greg. Calendar 30 Aug. 047 BCE

The year -46 astronomical counting style corresponds to year 047 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 47 BCE
geocentric

OCTOBER 47 BCE (-46) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 27 25	5♎ 4'35	6♈14	28♎44	19♏21	0♎11	27♎41	13♏24	16♍ 2	9♌28	28♊56	22°R36	23♊10	19♎ 6	n.a.	W 1
T 2	0 31 21	6° 4'41	21°33	29°45	20° 6	0°52	27°54	13°30	16° 6	9°30	28°56	22♊26	23° 7	19°12	n.a.	T 2
F 3	0 35 18	7° 4'50	6♉44	0♏42	20°50	1°33	28° 7	13°36	16° 9	9°31	28°R56	22°17	23° 3	19°19	n.a.	F 3
S 4	0 39 14	8° 5'00	21°37	1°35	21°32	2°14	28°20	13°42	16°13	9°32	28°56	22°12	23° 0	19°26	n.a.	S 4
S 5	0 43 11	9° 5'13	6♊ 6	2°25	22°14	2°55	28°33	13°48	16°17	9°34	28°55	22° 9	22°57	19°33	n.a.	S 5
M 6	0 47 7	10° 5'28	20° 7	3°11	22°54	3°36	28°46	13°55	16°20	9°35	28°55	22°D 8	22°54	19°39	n.a.	M 6
T 7	0 51 4	11° 5'45	3♋41	3°52	23°34	4°17	28°59	14° 1	16°24	9°36	28°55	22° 8	22°51	19°46	n.a.	T 7
W 8	0 55 0	12° 6'04	16°51	4°27	24°12	4°59	29°12	14° 7	16°27	9°37	28°55	22°R 8	22°48	19°53	n.a.	W 8
T 9	0 58 57	13° 6'26	29°40	4°57	24°49	5°40	29°25	14°13	16°31	9°39	28°55	22° 7	22°44	19°59	n.a.	T 9
F 10	1 2 54	14° 6'49	12♌11	5°20	25°25	6°21	29°38	14°20	16°34	9°40	28°55	22° 3	22°41	20° 6	n.a.	F 10
S 11	1 6 50	15° 7'15	24°30	5°36	25°59	7° 3	29°51	14°26	16°38	9°41	28°55	21°57	22°38	20°13	n.a.	S 11
S 12	1 10 47	16° 7'42	6♍38	5°R44	26°32	7°44	0♏ 5	14°33	16°41	9°42	28°54	21°48	22°35	20°19	n.a.	S 12
M13	1 14 43	17° 8'11	18°40	5°43	27° 4	8°25	0°18	14°39	16°44	9°43	28°54	21°37	22°32	20°26	n.a.	M13
T 14	1 18 40	18° 8'42	0♎36	5°33	27°34	9° 7	0°31	14°46	16°48	9°44	28°54	21°24	22°28	20°33	n.a.	T 14
W15	1 22 36	19° 9'15	12°29	5°14	28° 2	9°48	0°44	14°52	16°51	9°45	28°54	21°11	22°25	20°40	n.a.	W15
T 16	1 26 33	20° 9'49	24°20	4°44	28°29	10°30	0°58	14°59	16°55	9°46	28°53	20°59	22°22	20°46	n.a.	T 16
F 17	1 30 29	21°10'25	6♏11	4° 4	28°54	11°11	1°11	15° 5	16°58	9°47	28°53	20°49	22°19	20°53	n.a.	F 17
S 18	1 34 26	22°11'03	18° 3	3°14	29°18	11°53	1°25	15°12	17° 1	9°48	28°53	20°42	22°16	21° 0	n.a.	S 18
S 19	1 38 23	23°11'42	29°58	2°15	29°39	12°35	1°38	15°19	17° 4	9°49	28°52	20°37	22°13	21° 6	n.a.	S 19
M20	1 42 19	24°12'23	11♐59	1° 7	29°59	13°16	1°51	15°25	17° 8	9°50	28°52	20°34	22° 9	21°13	n.a.	M20
T 21	1 46 16	25°13'05	24° 9	29♎52	0♐17	13°58	2° 5	15°32	17°11	9°51	28°51	20°D34	22° 6	21°20	n.a.	T 21
W22	1 50 12	26°13'48	6♑33	28°33	0°33	14°40	2°18	15°39	17°14	9°52	28°51	20°35	22° 3	21°27	n.a.	W22
T 23	1 54 9	27°14'33	19°15	27°12	0°47	15°22	2°32	15°46	17°17	9°53	28°50	20°36	22° 0	21°33	n.a.	T 23
F 24	1 58 5	28°15'19	2♒19	25°51	0°58	16° 4	2°45	15°52	17°20	9°53	28°50	20°R36	21°57	21°40	n.a.	F 24
S 25	2 2 2	29°16'06	15°49	24°33	1° 7	16°46	2°59	15°59	17°23	9°54	28°49	20°34	21°54	21°47	n.a.	S 25
S 26	2 5 58	0♏16'53	29°47	23°21	1°15	17°28	3°12	16° 6	17°26	9°55	28°49	20°31	21°50	21°53	n.a.	S 26
M27	2 9 55	1°17'42	14♓14	22°17	1°19	18°10	3°25	16°13	17°29	9°55	28°48	20°25	21°47	22° 0	n.a.	M27
T 28	2 13 52	2°18'32	29° 5	21°22	1°R22	18°52	3°39	16°20	17°32	9°56	28°47	20°18	21°44	22° 7	n.a.	T 28
W29	2 17 48	3°19'23	14♈15	20°38	1°22	19°34	3°52	16°27	17°35	9°57	28°47	20°11	21°41	22°13	n.a.	W29
T 30	2 21 45	4°20'15	29°33	20° 6	1°19	20°16	4° 6	16°34	17°38	9°57	28°46	20° 4	21°38	22°20	n.a.	T 30
F 31	2 25 41	5♏21'09	14♉49	19♎45	1♐14	20♎58	4♏19	16♏41	17♍41	9♌58	28♊45	19♊58	21♊34	22♎27	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2s 2	1s58	4s52	13s44	2s46	22s28	4s54	0n33	0n41	9s55	0n54	14s19	1n48	6n14	0n43	18n40	0n37	25n 9	1n27	23n30	23n31	3s17		n.a.
T 2	2 26	4n26	4 23	14 8	2 49	22 43	4 57	0 16	0 41	10 0	0 54	14 21	1 47	6 12	0 43	18 40	0 37	25 9	1 27	23 29	23 31	3 20		n.a.
F 3	2 50	10 31	3 36	14 31	2 51	22 58	5 0	0s 1	0 40	10 5	0 54	14 23	1 47	6 11	0 43	18 39	0 37	25 9	1 27	23 28	23 31	3 22		n.a.
S 4	3 14	15 53	2 34	14 51	2 53	23 12	5 2	0 17	0 40	10 10	0 54	14 25	1 47	6 10	0 43	18 39	0 37	25 9	1 27	23 28	23 31	3 25		n.a.
S 5	3 38	20 11	1 24	15 10	2 54	23 26	5 5	0 34	0 39	10 14	0 54	14 27	1 47	6 8	0 43	18 39	0 37	25 9	1 28	23 28	23 31	3 28		n.a.
M 6	4 2	23 9	0 11	15 26	2 55	23 39	5 7	0 51	0 39	10 19	0 53	14 29	1 47	6 7	0 43	18 38	0 37	25 9	1 28	23 28	23 30	3 31		n.a.
T 7	4 26	24 40	1n 1	15 40	2 54	23 51	5 9	1 8	0 38	10 24	0 53	14 31	1 47	6 5	0 43	18 38	0 37	25 10	1 28	23 28	23 30	3 34		n.a.
W 8	4 50	24 44	2 7	15 51	2 53	24 3	5 11	1 25	0 38	10 29	0 53	14 33	1 47	6 4	0 43	18 38	0 37	25 10	1 28	23 28	23 30	3 37		n.a.
T 9	5 14	23 28	3 5	15 59	2 50	24 14	5 13	1 42	0 37	10 34	0 53	14 35	1 46	6 3	0 43	18 37	0 37	25 10	1 28	23 28	23 30	3 40		n.a.
F 10	5 37	21 3	3 53	16 3	2 47	24 24	5 14	1 59	0 37	10 38	0 53	14 37	1 46	6 1	0 43	18 37	0 37	25 10	1 28	23 28	23 30	3 43		n.a.
S 11	6 1	17 43	4 29	16 4	2 42	24 34	5 15	2 16	0 36	10 43	0 53	14 39	1 46	6 0	0 43	18 37	0 37	25 10	1 28	23 27	23 30	3 46		n.a.
S 12	6 25	13 41	4 52	16 1	2 36	24 43	5 16	2 33	0 36	10 48	0 53	14 41	1 46	5 59	0 43	18 37	0 37	25 10	1 28	23 27	23 29	3 49		n.a.
M13	6 48	9 9	5 2	15 54	2 29	24 51	5 17	2 50	0 35	10 53	0 53	14 43	1 46	5 57	0 43	18 36	0 37	25 10	1 28	23 26	23 29	3 51		n.a.
T 14	7 11	4 19	4 59	15 42	2 19	24 58	5 17	3 7	0 35	10 57	0 53	14 45	1 46	5 56	0 43	18 36	0 37	25 10	1 28	23 25	23 29	3 54		n.a.
W15	7 35	0s40	4 42	15 26	2 9	25 5	5 17	3 24	0 34	11 2	0 53	14 47	1 46	5 55	0 43	18 36	0 37	25 10	1 29	23 24	23 29	3 57		n.a.
T 16	7 58	5 37	4 14	15 4	1 56	25 11	5 17	3 41	0 34	11 7	0 52	14 50	1 46	5 53	0 44	18 36	0 37	25 10	1 29	23 23	23 29	4 0		n.a.
F 17	8 21	10 22	3 34	14 37	1 42	25 16	5 16	3 58	0 33	11 12	0 52	14 52	1 45	5 52	0 44	18 35	0 37	25 11	1 29	23 23	23 29	4 3		n.a.
S 18	8 44	14 45	2 45	14 5	1 26	25 21	5 15	4 15	0 33	11 17	0 52	14 54	1 45	5 51	0 44	18 35	0 37	25 11	1 29	23 22	23 28	4 6		n.a.
S 19	9 7	18 36	1 48	13 28	1 9	25 24	5 14	4 31	0 32	11 21	0 52	14 56	1 45	5 50	0 44	18 35	0 37	25 11	1 29	23 22	23 28	4 9		n.a.
M20	9 29	21 43	0 46	12 46	0 50	25 27	5 13	4 48	0 32	11 26	0 52	14 58	1 45	5 48	0 44	18 35	0 37	25 11	1 29	23 22	23 28	4 12		n.a.
T 21	9 52	23 53	0s19	12 1	0 30	25 29	5 10	5 5	0 31	11 31	0 52	15 0	1 45	5 47	0 44	18 34	0 37	25 11	1 29	23 22	23 28	4 15		n.a.
W22	10 14	24 57	1 25	11 14	0 10	25 30	5 8	5 22	0 31	11 36	0 52	15 2	1 45	5 46	0 44	18 34	0 37	25 11	1 29	23 22	23 28	4 18		n.a.
T 23	10 36	24 45	2 28	10 25	0n11	25 30	5 5	5 39	0 30	11 40	0 52	15 4	1 45	5 45	0 44	18 34	0 37	25 11	1 29	23 22	23 27	4 21		n.a.
F 24	10 58	23 11	3 25	9 37	0 31	25 30	5 2	5 56	0 30	11 45	0 52	15 6	1 45	5 43	0 44	18 34	0 37	25 11	1 29	23 22	23 27	4 23		n.a.
S 25	11 20	20 17	4 13	8 50	0 51	25 28	4 58	6 12	0 29	11 50	0 52	15 8	1 45	5 42	0 44	18 34	0 38	25 11	1 30	23 22	23 27	4 26		n.a.
S 26	11 42	16 9	4 48	8 6	1 9	25 25	4 54	6 29	0 29	11 54	0 52	15 10	1 45	5 41	0 44	18 34	0 38	25 11	1 30	23 21	23 27	4 29		n.a.
M27	12 3	10 58	5 6	7 26	1 26	25 22	4 49	6 46	0 28	11 59	0 52	15 12	1 44	5 40	0 44	18 33	0 38	25 12	1 30	23 21	23 27	4 32		n.a.
T 28	12 24	5 0	5 4	6 51	1 42	25 17	4 44	7 2	0 28	12 4	0 51	15 14	1 44	5 39	0 44	18 33	0 38	25 12	1 30	23 21	23 26	4 35		n.a.
W29	12 45	1n22	4 41	6 22	1 55	25 11	4 38	7 19	0 27	12 8	0 51	15 16	1 44	5 38	0 44	18 33	0 38	25 12	1 30	23 20	23 26	4 38		n.a.
T 30	13 6	7 43	3 58	6 0	2 6	25 4	4 31	7 36	0 27	12 13	0 51	15 18	1 44	5 37	0 44	18 33	0 38	25 12	1 30	23 19	23 26	4 41		n.a.
F 31	13s27	13n37	2s58	5s44	2n15	24s57	4s24	7s52	0n26	12s18	0n51	15s20	1n44	5n35	0n44	18n33	0n38	25n12	1n30	23n19	23n26	4s44		n.a.

Julian Day Number = 1704529.5, Delta T = 03h03m52s
Ecliptic obliquity = 23°42'04, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°42'06, Lahiri = - 4°35'06 Julian Calendar 1 Oct. 47 BCE == Greg. Calendar 29 Sept. 047 BCE

The year -46 astronomical counting style corresponds to year 047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 47 BCE
geocentric

NOVEMBER 47 BCE (-46) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 29 38	6♏22'04	29♉51	19°D36	1°R 7	21♎40	4♏33	16♏48	17♍44	9♌58	28°R45	19°R54	21♊31	22♎34	n.a.	S 1
S 2	2 33 34	7°23'00	14♊32	19♎38	0♐57	22°22	4°46	16°55	17°47	9°59	28♊44	19°D53	21°28	22°40	n.a.	S 2
M 3	2 37 31	8°23'57	28°46	19°50	0°44	23° 5	5° 0	17° 2	17°49	9°59	28°43	19♊53	21°25	22°47	n.a.	M 3
T 4	2 41 27	9°24'56	12♋32	20°11	0°30	23°47	5°13	17° 8	17°52	9°59	28°43	19°54	21°22	22°54	n.a.	T 4
W 5	2 45 24	10°25'56	25°50	20°41	0°12	24°30	5°27	17°15	17°55	10° 0	28°42	19°56	21°19	23° 0	n.a.	W 5
T 6	2 49 21	11°26'58	8♌44	21°18	29♏53	25°12	5°40	17°22	17°57	10° 0	28°41	19°R57	21°15	23° 7	n.a.	T 6
F 7	2 53 17	12°28'00	21°17	22° 2	29°31	25°54	5°54	17°30	18° 0	10° 0	28°40	19°56	21°12	23°14	n.a.	F 7
S 8	2 57 14	13°29'04	3♍33	22°53	29° 7	26°37	6° 7	17°37	18° 3	10° 1	28°39	19°54	21° 9	23°21	n.a.	S 8
S 9	3 1 10	14°30'09	15°38	23°48	28°41	27°20	6°21	17°44	18° 5	10° 1	28°38	19°50	21° 6	23°27	n.a.	S 9
M10	3 5 7	15°31'15	27°34	24°49	28°13	28° 2	6°34	17°51	18° 8	10° 1	28°37	19°45	21° 3	23°34	n.a.	M10
T 11	3 9 3	16°32'23	9♎26	25°53	27°43	28°45	6°47	17°58	18°10	10° 1	28°37	19°39	21° 0	23°41	n.a.	T 11
W12	3 13 0	17°33'31	21°16	27° 1	27°12	29°27	7° 1	18° 5	18°12	10° 1	28°36	19°33	20°56	23°47	n.a.	W12
T 13	3 16 56	18°34'40	3♏ 8	28°12	26°39	0♏10	7°14	18°12	18°15	10° 1	28°35	19°27	20°53	23°54	n.a.	T 13
F 14	3 20 53	19°35'50	15° 1	29°25	26° 5	0°53	7°28	18°19	18°17	10° 1	28°34	19°22	20°50	24° 1	n.a.	F 14
S 15	3 24 50	20°37'01	27° 0	0♏41	25°31	1°36	7°41	18°26	18°19	10°R 1	28°33	19°18	20°47	24° 7	n.a.	S 15
S 16	3 28 46	21°38'12	9♐ 4	1°59	24°55	2°19	7°54	18°33	18°21	10° 1	28°32	19°16	20°44	24°14	n.a.	S 16
M17	3 32 43	22°39'24	21°16	3°18	24°19	3° 2	8° 8	18°40	18°24	10° 1	28°31	19°D16	20°40	24°21	n.a.	M17
T 18	3 36 39	23°40'36	3♑38	4°40	23°42	3°45	8°21	18°47	18°26	10° 1	28°30	19°16	20°37	24°28	n.a.	T 18
W19	3 40 36	24°41'49	16°12	6° 2	23° 6	4°28	8°34	18°54	18°28	10° 1	28°29	19°18	20°34	24°34	n.a.	W19
T 20	3 44 32	25°43'02	29° 0	7°25	22°30	5°11	8°47	19° 1	18°30	10° 1	28°28	19°20	20°31	24°41	n.a.	T 20
F 21	3 48 29	26°44'16	12♒ 6	8°50	21°54	5°54	9° 1	19° 8	18°32	10° 1	28°27	19°21	20°28	24°48	n.a.	F 21
S 22	3 52 25	27°45'29	25°32	10°15	21°19	6°37	9°14	19°15	18°34	10° 1	28°25	19°R22	20°25	24°54	n.a.	S 22
S 23	3 56 22	28°46'42	9♓20	11°42	20°45	7°20	9°27	19°22	18°36	10° 0	28°24	19°21	20°21	25° 1	n.a.	S 23
M24	4 0 19	29°47'56	23°30	13° 8	20°12	8° 3	9°40	19°29	18°37	10° 0	28°23	19°20	20°18	25° 8	n.a.	M24
T 25	4 4 15	0♐49'09	8♈ 0	14°36	19°41	8°46	9°53	19°36	18°39	10° 0	28°22	19°18	20°15	25°14	n.a.	T 25
W26	4 8 12	1°50'23	22°47	16° 4	19°11	9°30	10° 6	19°43	18°41	9°59	28°21	19°16	20°12	25°21	n.a.	W26
T 27	4 12 8	2°51'36	7♉45	17°33	18°43	10°13	10°19	19°50	18°43	9°59	28°20	19°13	20° 9	25°28	n.a.	T 27
F 28	4 16 5	3°52'50	22°45	19° 2	18°17	10°56	10°32	19°57	18°44	9°58	28°19	19°12	20° 6	25°35	n.a.	F 28
S 29	4 20 1	4°54'04	7♊39	20°31	17°54	11°40	10°45	20° 3	18°46	9°58	28°17	19°11	20° 2	25°41	n.a.	S 29
S 30	4 23 58	5♐55'18	22♊19	22♏ 1	17♏32	12♏23	10♏58	20♏10	18♍47	9♌57	28♊16	19°D10	19♊59	25♎48	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s47	18n37	1s46	5s33	2n22	24s48	4s17	8s 9	0n25	12s22	0n51	15s23	1n44	5n34	0n44	18n33	0n38	25n12	1n30	23n19	23n26	4s47		n.a.
S 2	14 8	22 19	0 29	5 29	2 28	24 37	4 9	8 25	0 25	12 27	0 51	15 25	1 44	5 33	0 44	18 33	0 38	25 12	1 30	23 19	23 25	4 50		n.a.
M 3	14 27	24 30	0n48	5 30	2 31	24 26	4 0	8 41	0 24	12 32	0 51	15 27	1 44	5 32	0 44	18 33	0 38	25 12	1 30	23 19	23 25	4 53		n.a.
T 4	14 47	25 6	2 0	5 36	2 34	24 14	3 51	8 58	0 24	12 36	0 51	15 29	1 44	5 31	0 44	18 33	0 38	25 12	1 31	23 19	23 25	4 55		n.a.
W 5	15 7	24 12	3 3	5 47	2 34	24 1	3 41	9 14	0 23	12 41	0 51	15 31	1 44	5 30	0 44	18 33	0 38	25 12	1 31	23 19	23 25	4 58		n.a.
T 6	15 26	22 2	3 54	6 1	2 34	23 46	3 30	9 30	0 23	12 45	0 51	15 33	1 44	5 29	0 44	18 32	0 38	25 12	1 31	23 19	23 25	5 1		n.a.
F 7	15 45	18 52	4 33	6 19	2 32	23 30	3 19	9 46	0 22	12 50	0 51	15 35	1 44	5 28	0 44	18 32	0 38	25 13	1 31	23 19	23 24	5 4		n.a.
S 8	16 3	14 56	4 59	6 40	2 30	23 14	3 7	10 2	0 22	12 54	0 51	15 37	1 44	5 27	0 44	18 32	0 38	25 13	1 31	23 19	23 24	5 7		n.a.
S 9	16 22	10 29	5 10	7 4	2 27	22 56	2 55	10 18	0 21	12 59	0 51	15 39	1 44	5 26	0 44	18 32	0 38	25 13	1 31	23 18	23 24	5 10		n.a.
M10	16 40	5 41	5 8	7 30	2 23	22 37	2 42	10 34	0 20	13 3	0 51	15 41	1 43	5 25	0 44	18 32	0 38	25 13	1 31	23 18	23 24	5 13		n.a.
T 11	16 58	0 42	4 53	7 58	2 18	22 17	2 29	10 50	0 20	13 8	0 51	15 43	1 43	5 24	0 44	18 32	0 38	25 13	1 31	23 18	23 23	5 16		n.a.
W12	17 15	4s18	4 25	8 27	2 13	21 57	2 15	11 6	0 19	13 12	0 51	15 45	1 43	5 23	0 44	18 32	0 38	25 13	1 31	23 17	23 23	5 19		n.a.
T 13	17 33	9 9	3 46	8 58	2 8	21 35	2 1	11 22	0 19	13 17	0 51	15 47	1 43	5 22	0 44	18 32	0 38	25 13	1 31	23 17	23 23	5 22		n.a.
F 14	17 49	13 42	2 57	9 29	2 2	21 13	1 47	11 38	0 18	13 21	0 51	15 49	1 43	5 22	0 44	18 32	0 38	25 13	1 32	23 16	23 23	5 25		n.a.
S 15	18 6	17 46	1 59	10 2	1 56	20 50	1 32	11 53	0 17	13 26	0 50	15 51	1 43	5 21	0 44	18 32	0 38	25 13	1 32	23 16	23 23	5 28		n.a.
S 16	18 22	21 8	0 56	10 35	1 49	20 27	1 17	12 9	0 17	13 30	0 50	15 53	1 43	5 20	0 44	18 32	0 38	25 13	1 32	23 16	23 22	5 30		n.a.
M17	18 38	23 36	0s11	11 9	1 42	20 3	1 1	12 24	0 16	13 35	0 50	15 55	1 43	5 19	0 44	18 33	0 38	25 13	1 32	23 16	23 22	5 33		n.a.
T 18	18 54	24 57	1 18	11 43	1 36	19 39	0 46	12 39	0 16	13 39	0 50	15 57	1 43	5 18	0 44	18 33	0 38	25 13	1 32	23 16	23 22	5 36		n.a.
W19	19 9	25 4	2 23	12 17	1 29	19 14	0 30	12 55	0 15	13 43	0 50	15 59	1 43	5 18	0 44	18 33	0 38	25 14	1 32	23 16	23 22	5 39		n.a.
T 20	19 24	23 52	3 22	12 52	1 21	18 50	0 15	13 10	0 14	13 48	0 50	16 1	1 43	5 17	0 45	18 33	0 38	25 14	1 32	23 16	23 21	5 42		n.a.
F 21	19 38	21 22	4 11	13 26	1 14	18 25	0n 1	13 25	0 14	13 52	0 50	16 3	1 43	5 16	0 45	18 33	0 38	25 14	1 32	23 16	23 21	5 45		n.a.
S 22	19 53	17 40	4 49	14 0	1 7	18 1	0 16	13 40	0 13	13 56	0 50	16 5	1 43	5 15	0 45	18 33	0 38	25 14	1 32	23 16	23 21	5 48		n.a.
S 23	20 6	12 57	5 11	14 34	0 59	17 38	0 32	13 55	0 12	14 0	0 50	16 7	1 43	5 15	0 45	18 33	0 38	25 14	1 32	23 16	23 21	5 51		n.a.
M24	20 20	7 25	5 15	15 8	0 52	17 14	0 47	14 10	0 12	14 5	0 50	16 8	1 43	5 14	0 45	18 33	0 39	25 14	1 32	23 16	23 21	5 54		n.a.
T 25	20 33	1 22	4 59	15 41	0 45	16 52	1 2	14 24	0 11	14 9	0 50	16 10	1 43	5 13	0 45	18 33	0 39	25 14	1 33	23 16	23 20	5 57		n.a.
W26	20 45	4n53	4 23	16 14	0 37	16 30	1 16	14 39	0 11	14 13	0 50	16 12	1 43	5 13	0 45	18 33	0 39	25 14	1 33	23 16	23 20	6 0		n.a.
T 27	20 58	10 57	3 29	16 46	0 30	16 8	1 30	14 53	0 10	14 17	0 50	16 14	1 43	5 12	0 45	18 34	0 39	25 14	1 33	23 15	23 20	6 3		n.a.
F 28	21 9	16 23	2 21	17 18	0 23	15 48	1 44	15 7	0 9	14 21	0 50	16 16	1 43	5 11	0 45	18 34	0 39	25 14	1 33	23 15	23 20	6 5		n.a.
S 29	21 21	20 47	1 3	17 50	0 15	15 29	1 57	15 22	0 9	14 25	0 50	16 18	1 43	5 11	0 45	18 34	0 39	25 14	1 33	23 15	23 19	6 8		n.a.
S 30	21s32	23n46	0n17	18s20	0n 8	15s10	2n10	15s36	0n 8	14s29	0n50	16s20	1n43	5n10	0n45	18n34	0n39	25n14	1n33	23n15	23n19	6s11		n.a.

Julian Day Number = 1704560.5, Delta T = 03h03m51s
Ecliptic obliquity = 23°42'04, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°42'02, Lahiri = - 4°35'02 Julian Calendar 1 Nov. 47 BCE == Greg. Calendar 30 Oct. 047 BCE

The year -46 astronomical counting style corresponds to year 047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 47 BCE
geocentric

DECEMBER 47 BCE (-46) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 27 55	6♐56'32	6♋37	23♏32	17°R13	13♏ 6	11♏11	20♏17	18♍49	9°R57	28°R15	19♊11	19♊56	25♎55	n.a.	M 1
T 2	4 31 51	7°57'46	20°30	25° 2	16♏56	13°50	11°24	20°24	18°50	9♌56	28♊14	19°12	19°53	26° 1	n.a.	T 2
W 3	4 35 48	8°59'01	3♌58	26°34	16°41	14°34	11°36	20°31	18°51	9°56	28°13	19°13	19°50	26° 8	n.a.	W 3
T 4	4 39 44	10° 0'16	17° 0	28° 5	16°29	15°17	11°49	20°38	18°53	9°55	28°11	19°14	19°46	26°15	n.a.	T 4
F 5	4 43 41	11° 1'31	29°39	29°37	16°20	16° 1	12° 2	20°44	18°54	9°54	28°10	19°14	19°43	26°21	n.a.	F 5
S 6	4 47 37	12° 2'46	12♍ 0	1♐ 9	16°13	16°44	12°14	20°51	18°55	9°54	28° 9	19°R14	19°40	26°28	n.a.	S 6
S 7	4 51 34	13° 4'01	24° 6	2°42	16° 8	17°28	12°27	20°58	18°56	9°53	28° 8	19°14	19°37	26°35	n.a.	S 7
M 8	4 55 30	14° 5'16	6♎ 2	4°15	16°D 6	18°12	12°39	21° 5	18°57	9°52	28° 6	19°14	19°34	26°41	n.a.	M 8
T 9	4 59 27	15° 6'31	17°53	5°48	16° 7	18°56	12°52	21°11	18°58	9°51	28° 5	19°13	19°31	26°48	n.a.	T 9
W10	5 3 24	16° 7'46	29°43	7°22	16°10	19°40	13° 4	21°18	18°59	9°51	28° 4	19°13	19°27	26°55	n.a.	W10
T 11	5 7 20	17° 9'01	11♏35	8°56	16°15	20°23	13°17	21°24	19° 0	9°50	28° 2	19°12	19°24	27° 2	n.a.	T 11
F 12	5 11 17	18°10'16	23°33	10°30	16°22	21° 7	13°29	21°31	19° 1	9°49	28° 1	19°12	19°21	27° 8	n.a.	F 12
S 13	5 15 13	19°11'30	5♐40	12° 5	16°32	21°51	13°41	21°37	19° 2	9°48	28° 0	19°D12	19°18	27°15	n.a.	S 13
S 14	5 19 10	20°12'45	17°57	13°41	16°44	22°35	13°53	21°44	19° 3	9°47	27°59	19°R12	19°15	27°22	n.a.	S 14
M15	5 23 6	21°13'58	0♑25	15°17	16°59	23°19	14° 6	21°50	19° 3	9°46	27°57	19°12	19°12	27°28	n.a.	M15
T 16	5 27 3	22°15'12	13° 6	16°53	17°15	24° 3	14°18	21°57	19° 4	9°45	27°56	19°12	19° 8	27°35	n.a.	T 16
W17	5 30 59	23°16'24	25°59	18°30	17°33	24°48	14°30	22° 3	19° 5	9°44	27°55	19°12	19° 5	27°42	n.a.	W17
T 18	5 34 56	24°17'36	9♒ 7	20° 7	17°54	25°32	14°41	22°10	19° 5	9°43	27°53	19°11	19° 2	27°48	n.a.	T 18
F 19	5 38 53	25°18'47	22°27	21°45	18°16	26°16	14°53	22°16	19° 6	9°42	27°52	19°10	18°59	27°55	n.a.	F 19
S 20	5 42 49	26°19'57	6♓ 2	23°23	18°40	27° 0	15° 5	22°22	19° 6	9°41	27°51	19°10	18°56	28° 2	n.a.	S 20
S 21	5 46 46	27°21'06	19°50	25° 2	19° 6	27°44	15°17	22°28	19° 6	9°40	27°49	19° 9	18°52	28° 9	n.a.	S 21
M22	5 50 42	28°22'13	3♈51	26°42	19°33	28°29	15°28	22°34	19° 7	9°39	27°48	19°D 9	18°49	28°15	n.a.	M22
T 23	5 54 39	29°23'20	18° 4	28°22	20° 3	29°13	15°40	22°41	19° 7	9°38	27°47	19°10	18°46	28°22	n.a.	T 23
W24	5 58 35	0♉24'26	2♉27	0♉ 2	20°33	29°57	15°51	22°47	19° 7	9°36	27°45	19°10	18°43	28°29	n.a.	W24
T 25	6 2 32	1°25'30	16°57	1°43	21° 6	0♐42	16° 3	22°53	19° 7	9°35	27°44	19°11	18°40	28°35	n.a.	T 25
F 26	6 6 29	2°26'34	1♊29	3°25	21°39	1°26	16°14	22°59	19° 7	9°34	27°43	19°12	18°37	28°42	n.a.	F 26
S 27	6 10 25	3°27'36	15°58	5° 7	22°15	2°10	16°25	23° 5	19°R 7	9°33	27°42	19°R13	18°33	28°49	n.a.	S 27
S 28	6 14 22	4°28'38	0♋18	6°50	22°51	2°55	16°37	23°10	19° 7	9°31	27°40	19°13	18°30	28°55	n.a.	S 28
M29	6 18 18	5°29'38	14°24	8°34	23°29	3°40	16°48	23°16	19° 7	9°30	27°39	19°12	18°27	29° 2	n.a.	M29
T 30	6 22 15	6°30'37	28°13	10°18	24° 8	4°24	16°59	23°22	19° 7	9°29	27°38	19°10	18°24	29° 9	n.a.	T 30
W31	6 26 11	7♑31'36	11♌40	12♑ 2	24♏48	5♐ 9	17♏10	23♏28	19♍ 7	9♌27	27♊36	19♊ 7	18♊21	29♎15	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21 s42	25n 7	1n35	18 s50	0n 1	14 s53	2n22	15 s50	0n 7	14 s33	0n50	16 s22	1n43	5n10	0n45	18n34	0n39	25n14	1n33	23n15	23n19	6 s14		n.a.
T 2	21 53	24 50	2 45	19 20	0 s 6	14 37	2 34	16 3	0 7	14 37	0 50	16 23	1 43	5 9	0 45	18 34	0 39	25 14	1 33	23 15	23 19	6 17		n.a.
W 3	22 2	23 5	3 44	19 48	0 13	14 22	2 45	16 17	0 6	14 41	0 50	16 25	1 43	5 9	0 45	18 35	0 39	25 15	1 33	23 15	23 18	6 20		n.a.
T 4	22 12	20 10	4 29	20 16	0 20	14 9	2 55	16 31	0 5	14 45	0 50	16 27	1 43	5 8	0 45	18 35	0 39	25 15	1 33	23 15	23 18	6 23		n.a.
F 5	22 20	16 22	4 59	20 43	0 26	13 56	3 5	16 44	0 5	14 49	0 50	16 29	1 43	5 8	0 45	18 35	0 39	25 15	1 33	23 16	23 18	6 26		n.a.
S 6	22 29	11 58	5 15	21 9	0 33	13 45	3 15	16 57	0 4	14 53	0 50	16 31	1 43	5 7	0 45	18 35	0 39	25 15	1 33	23 16	23 18	6 29		n.a.
S 7	22 37	7 12	5 16	21 34	0 39	13 36	3 24	17 11	0 3	14 57	0 50	16 32	1 43	5 7	0 45	18 35	0 39	25 15	1 34	23 16	23 17	6 32		n.a.
M 8	22 44	2 13	5 4	21 58	0 45	13 27	3 32	17 24	0 3	15 1	0 50	16 34	1 43	5 6	0 45	18 36	0 39	25 15	1 34	23 16	23 17	6 35		n.a.
T 9	22 52	2 s48	4 39	22 21	0 51	13 20	3 40	17 36	0 2	15 5	0 50	16 36	1 43	5 6	0 45	18 36	0 39	25 15	1 34	23 15	23 17	6 37		n.a.
W10	22 58	7 44	4 2	22 43	0 57	13 13	3 48	17 49	0 1	15 8	0 50	16 38	1 43	5 6	0 45	18 36	0 39	25 15	1 34	23 15	23 17	6 40		n.a.
T 11	23 4	12 24	3 14	23 4	1 3	13 8	3 54	18 2	0 1	15 12	0 50	16 39	1 43	5 5	0 45	18 36	0 39	25 15	1 34	23 15	23 16	6 43		n.a.
F 12	23 10	16 39	2 18	23 24	1 9	13 4	4 1	18 14	0 s 0	15 16	0 50	16 41	1 43	5 5	0 45	18 37	0 39	25 15	1 34	23 15	23 16	6 46		n.a.
S 13	23 15	20 16	1 15	23 42	1 14	13 2	4 6	18 26	0 1	15 20	0 50	16 43	1 43	5 5	0 45	18 37	0 39	25 15	1 34	23 15	23 16	6 49		n.a.
S 14	23 20	23 2	0 7	24 0	1 19	13 0	4 12	18 39	0 1	15 23	0 50	16 44	1 43	5 5	0 45	18 37	0 39	25 15	1 34	23 15	23 16	6 52		n.a.
M15	23 24	24 44	1 s 2	24 16	1 24	12 59	4 17	18 50	0 2	15 27	0 50	16 46	1 43	5 4	0 45	18 37	0 39	25 15	1 34	23 15	23 15	6 55		n.a.
T 16	23 28	25 11	2 9	24 31	1 29	13 0	4 21	19 2	0 3	15 31	0 50	16 48	1 43	5 4	0 46	18 38	0 39	25 15	1 34	23 15	23 15	6 58		n.a.
W17	23 32	24 18	3 10	24 44	1 33	13 1	4 25	19 14	0 3	15 34	0 50	16 49	1 43	5 4	0 46	18 38	0 39	25 15	1 34	23 15	23 15	7 1		n.a.
T 18	23 35	22 4	4 3	24 57	1 37	13 3	4 29	19 25	0 4	15 38	0 50	16 51	1 43	5 4	0 46	18 38	0 39	25 15	1 34	23 15	23 15	7 4		n.a.
F 19	23 37	18 38	4 43	25 7	1 41	13 6	4 32	19 36	0 5	15 41	0 50	16 52	1 43	5 4	0 46	18 39	0 39	25 15	1 34	23 15	23 14	7 7		n.a.
S 20	23 39	14 10	5 9	25 17	1 45	13 10	4 35	19 48	0 6	15 45	0 50	16 54	1 43	5 3	0 46	18 39	0 39	25 15	1 34	23 15	23 14	7 10		n.a.
S 21	23 40	8 55	5 17	25 24	1 48	13 15	4 37	19 58	0 6	15 48	0 50	16 56	1 43	5 3	0 46	18 39	0 39	25 16	1 35	23 15	23 14	7 12		n.a.
M22	23 41	3 8	5 7	25 31	1 51	13 20	4 39	20 9	0 7	15 51	0 50	16 57	1 43	5 3	0 46	18 40	0 39	25 16	1 35	23 15	23 13	7 15		n.a.
T 23	23 42	2n53	4 38	25 35	1 54	13 26	4 41	20 20	0 8	15 55	0 50	16 59	1 43	5 3	0 46	18 40	0 39	25 16	1 35	23 15	23 13	7 18		n.a.
W24	23 42	8 51	3 51	25 38	1 56	13 33	4 42	20 30	0 8	15 58	0 50	17 0	1 43	5 3	0 46	18 40	0 39	25 16	1 35	23 15	23 13	7 21		n.a.
T 25	23 42	14 23	2 49	25 40	1 58	13 40	4 44	20 40	0 9	16 1	0 50	17 2	1 43	5 3	0 46	18 41	0 39	25 16	1 35	23 15	23 13	7 24		n.a.
F 26	23 41	19 6	1 37	25 39	2 0	13 48	4 44	20 50	0 10	16 5	0 50	17 3	1 43	5 3	0 46	18 41	0 39	25 16	1 35	23 15	23 12	7 27		n.a.
S 27	23 39	22 39	0 18	25 37	2 1	13 56	4 45	21 0	0 11	16 8	0 50	17 5	1 44	5 3	0 46	18 41	0 39	25 16	1 35	23 15	23 12	7 30		n.a.
S 28	23 37	24 43	1n 1	25 33	2 2	14 5	4 45	21 9	0 11	16 11	0 50	17 6	1 44	5 3	0 46	18 42	0 40	25 16	1 35	23 15	23 12	7 33		n.a.
M29	23 35	25 9	2 15	25 27	2 2	14 15	4 45	21 19	0 12	16 14	0 50	17 7	1 44	5 3	0 46	18 42	0 40	25 16	1 35	23 15	23 12	7 36		n.a.
T 30	23 32	24 0	3 19	25 20	2 2	14 25	4 45	21 28	0 13	16 17	0 50	17 9	1 44	5 3	0 46	18 43	0 40	25 16	1 35	23 15	23 11	7 39		n.a.
W31	23 s29	21n29	4n11	25 s10	2 s 2	14 s35	4n44	21 s37	0 s14	16 s20	0n50	17 s10	1n44	5n 4	0n46	18n43	0n40	25n16	1n35	23n15	23n11	7 s41		n.a.

Julian Day Number = 1704590.5, Delta T = 03h03m50s
Ecliptic obliquity = 23°42'03, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°41'58, Lahiri = - 4°34'58 Julian Calendar 1 Dec. 47 BCE == Greg. Calendar 29 Nov. 047 BCE

The year -46 astronomical counting style corresponds to year 047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 46 BCE
geocentric

JANUARY 46 BCE (-45) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 30 8	8♉32'33	24♌45	13♉48	25♏30	5♐53	17♏20	23♏33	19°R 7	9°R26	27°R35	19°R 4	18♊18	29♎22	n.a.	T 1
F 2	6 34 4	9°33'29	7♍29	15°33	26°12	6°38	17°31	23°39	19♍ 6	9♌25	27♊34	19♊ 1	18°14	29°29	n.a.	F 2
S 3	6 38 1	10°34'25	19°54	17°19	26°56	7°23	17°42	23°45	19° 6	9°23	27°32	18°59	18°11	29°36	n.a.	S 3
S 4	6 41 58	11°35'19	2♎ 3	19° 6	27°41	8° 7	17°52	23°50	19° 6	9°22	27°31	18°57	18° 8	29°42	n.a.	S 4
M 5	6 45 54	12°36'13	14° 1	20°52	28°26	8°52	18° 3	23°56	19° 5	9°20	27°30	18°D57	18° 5	29°49	n.a.	M 5
T 6	6 49 51	13°37'05	25°53	22°39	29°13	9°37	18°13	24° 1	19° 4	9°19	27°29	18°58	18° 2	29°56	n.a.	T 6
W 7	6 53 47	14°37'57	7♏43	24°26	0♐ 0	10°22	18°23	24° 6	19° 4	9°17	27°27	18°59	17°58	0♏ 2	n.a.	W 7
T 8	6 57 44	15°38'47	19°36	26°13	0°49	11° 7	18°33	24°11	19° 3	9°16	27°26	19° 1	17°55	0° 9	n.a.	T 8
F 9	7 1 40	16°39'36	1♐38	27°59	1°38	11°52	18°43	24°17	19° 3	9°14	27°25	19° 3	17°52	0°16	n.a.	F 9
S 10	7 5 37	17°40'24	13°51	29°45	2°28	12°36	18°53	24°22	19° 2	9°13	27°24	19°R 4	17°49	0°22	n.a.	S 10
S 11	7 9 33	18°41'11	26°19	1♒30	3°19	13°21	19° 3	24°27	19° 1	9°11	27°22	19° 4	17°46	0°29	n.a.	S 11
M12	7 13 30	19°41'57	9♉ 3	3°14	4°10	14° 6	19°13	24°32	19° 0	9°10	27°21	19° 2	17°43	0°36	n.a.	M12
T 13	7 17 27	20°42'41	22° 5	4°57	5° 2	14°51	19°22	24°37	18°59	9° 8	27°20	18°59	17°39	0°42	n.a.	T 13
W14	7 21 23	21°43'24	5♒23	6°37	5°55	15°37	19°32	24°42	18°58	9° 7	27°19	18°54	17°36	0°49	n.a.	W14
T 15	7 25 20	22°44'05	18°57	8°16	6°49	16°22	19°41	24°46	18°57	9° 5	27°18	18°49	17°33	0°56	n.a.	T 15
F 16	7 29 16	23°44'44	2♓44	9°52	7°43	17° 7	19°51	24°51	18°56	9° 3	27°16	18°43	17°30	1° 2	n.a.	F 16
S 17	7 33 13	24°45'21	16°40	11°24	8°37	17°52	20° 0	24°56	18°55	9° 2	27°15	18°38	17°27	1° 9	n.a.	S 17
S 18	7 37 9	25°45'57	0♈43	12°52	9°33	18°37	20° 9	25° 0	18°54	9° 0	27°14	18°33	17°23	1°16	n.a.	S 18
M19	7 41 6	26°46'30	14°49	14°16	10°28	19°22	20°18	25° 5	18°53	8°59	27°13	18°31	17°20	1°23	n.a.	M19
T 20	7 45 2	27°47'02	28°58	15°35	11°25	20° 7	20°26	25° 9	18°51	8°57	27°12	18°D31	17°17	1°29	n.a.	T 20
W21	7 48 59	28°47'31	13♉ 6	16°48	12°22	20°53	20°35	25°14	18°50	8°55	27°11	18°31	17°14	1°36	n.a.	W21
T 22	7 52 56	29°47'59	27°14	17°54	13°19	21°38	20°44	25°18	18°49	8°54	27°10	18°33	17°11	1°43	n.a.	T 22
F 23	7 56 52	0♒48'25	11♊18	18°53	14°17	22°23	20°52	25°22	18°47	8°52	27° 9	18°34	17° 8	1°49	n.a.	F 23
S 24	8 0 49	1°48'48	25°18	19°44	15°15	23° 8	21° 0	25°26	18°46	8°50	27° 8	18°R34	17° 4	1°56	n.a.	S 24
S 25	8 4 45	2°49'10	9♋10	20°26	16°14	23°54	21° 8	25°30	18°44	8°49	27° 7	18°32	17° 1	2° 3	n.a.	S 25
M26	8 8 42	3°49'30	22°53	21° 0	17°13	24°39	21°16	25°34	18°43	8°47	27° 6	18°28	16°58	2° 9	n.a.	M26
T 27	8 12 38	4°49'48	6♌23	21°24	18°13	25°24	21°24	25°38	18°41	8°45	27° 5	18°22	16°55	2°16	n.a.	T 27
W28	8 16 35	5°50'04	19°38	21°39	19°12	26°10	21°32	25°42	18°40	8°44	27° 4	18°14	16°52	2°23	n.a.	W28
T 29	8 20 31	6°50'18	2♍36	21°R44	20°13	26°55	21°40	25°46	18°38	8°42	27° 3	18° 5	16°49	2°29	n.a.	T 29
F 30	8 24 28	7°50'30	15°17	21°39	21°14	27°41	21°47	25°49	18°36	8°40	27° 2	17°56	16°45	2°36	n.a.	F 30
S 31	8 28 25	8♒50'41	27♍41	21♒24	22♐15	28♐26	21♏54	25♏53	18♍35	8♌39	27♊ 1	17♊48	16♊42	2♏43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s25	17n55	4n47	24s59	2s 1	14s45	4n43	21s46	0s14	16s24	0n50	17s12	1n44	5n 4	0n46	18n43	0n40	25n16	1n35	23n15	23n11	7s44		n.a.
F 2	23 21	13 37	5 9	24 46	2 0	14 56	4 42	21 54	0 15	16 27	0 50	17 13	1 44	5 4	0 46	18 44	0 40	25 16	1 35	23 14	23 10	7 47		n.a.
S 3	23 16	8 51	5 15	24 30	1 57	15 8	4 41	22 2	0 16	16 30	0 50	17 14	1 44	5 4	0 46	18 44	0 40	25 16	1 35	23 14	23 10	7 50		n.a.
S 4	23 11	3 51	5 7	24 13	1 55	15 19	4 40	22 10	0 17	16 32	0 50	17 15	1 44	5 4	0 46	18 45	0 40	25 16	1 35	23 14	23 10	7 53		n.a.
M 5	23 6	1s12	4 46	23 54	1 52	15 31	4 38	22 18	0 17	16 35	0 50	17 17	1 44	5 4	0 46	18 45	0 40	25 16	1 36	23 14	23 10	7 56		n.a.
T 6	23 0	6 12	4 12	23 33	1 48	15 42	4 36	22 26	0 18	16 38	0 50	17 18	1 44	5 5	0 46	18 45	0 40	25 16	1 36	23 14	23 9	7 59		n.a.
W 7	22 53	10 57	3 28	23 10	1 43	15 54	4 34	22 33	0 19	16 41	0 50	17 19	1 44	5 5	0 46	18 46	0 40	25 16	1 36	23 14	23 9	8 2		n.a.
T 8	22 46	15 21	2 35	22 45	1 38	16 6	4 32	22 41	0 20	16 44	0 50	17 20	1 44	5 5	0 46	18 46	0 40	25 16	1 36	23 14	23 9	8 5		n.a.
F 9	22 39	19 10	1 34	22 18	1 33	16 19	4 30	22 47	0 20	16 47	0 50	17 22	1 44	5 6	0 46	18 47	0 40	25 16	1 36	23 15	23 8	8 8		n.a.
S 10	22 31	22 14	0 29	21 50	1 26	16 31	4 27	22 54	0 21	16 49	0 50	17 23	1 44	5 6	0 47	18 47	0 40	25 16	1 36	23 15	23 8	8 10		n.a.
S 11	22 23	24 19	0s40	21 19	1 19	16 43	4 24	23 1	0 22	16 52	0 50	17 24	1 45	5 6	0 47	18 48	0 40	25 16	1 36	23 15	23 8	8 13		n.a.
M12	22 14	25 10	1 47	20 47	1 11	16 55	4 22	23 7	0 23	16 55	0 50	17 25	1 45	5 7	0 47	18 48	0 40	25 16	1 36	23 15	23 8	8 16		n.a.
T 13	22 5	24 41	2 51	20 14	1 2	17 8	4 19	23 13	0 23	16 57	0 51	17 26	1 45	5 7	0 47	18 48	0 40	25 16	1 36	23 14	23 7	8 19		n.a.
W14	21 56	22 47	3 46	19 40	0 52	17 20	4 16	23 19	0 24	17 0	0 51	17 27	1 45	5 7	0 47	18 49	0 40	25 16	1 36	23 14	23 7	8 22		n.a.
T 15	21 46	19 34	4 30	19 4	0 42	17 32	4 12	23 24	0 25	17 2	0 51	17 28	1 45	5 8	0 47	18 49	0 40	25 16	1 36	23 13	23 7	8 25		n.a.
F 16	21 35	15 15	4 59	18 28	0 31	17 44	4 9	23 30	0 26	17 5	0 51	17 30	1 45	5 8	0 47	18 50	0 40	25 16	1 36	23 13	23 6	8 28		n.a.
S 17	21 25	10 5	5 11	17 51	0 19	17 56	4 6	23 35	0 26	17 7	0 51	17 31	1 45	5 9	0 47	18 50	0 40	25 16	1 36	23 12	23 6	8 31		n.a.
S 18	21 13	4 21	5 4	17 14	0 6	18 8	4 2	23 39	0 27	17 10	0 51	17 32	1 45	5 9	0 47	18 51	0 40	25 16	1 36	23 12	23 6	8 34		n.a.
M19	21 2	1n37	4 39	16 37	0n 7	18 20	3 59	23 44	0 28	17 12	0 51	17 33	1 45	5 10	0 47	18 51	0 40	25 17	1 36	23 12	23 5	8 37		n.a.
T 20	20 50	7 32	3 57	16 0	0 22	18 31	3 55	23 48	0 29	17 14	0 51	17 34	1 45	5 10	0 47	18 52	0 40	25 17	1 36	23 12	23 5	8 39		n.a.
W21	20 38	13 5	3 1	15 24	0 36	18 42	3 51	23 52	0 29	17 16	0 51	17 35	1 45	5 11	0 47	18 52	0 40	25 17	1 36	23 12	23 5	8 42		n.a.
T 22	20 25	17 55	1 53	14 49	0 51	18 54	3 47	23 56	0 30	17 19	0 51	17 35	1 45	5 11	0 47	18 52	0 40	25 17	1 36	23 12	23 5	8 45		n.a.
F 23	20 12	21 44	0 39	14 16	1 7	19 4	3 43	24 0	0 31	17 21	0 51	17 36	1 46	5 12	0 47	18 53	0 40	25 17	1 36	23 12	23 4	8 48		n.a.
S 24	19 58	24 13	0n36	13 45	1 23	19 15	3 39	24 3	0 32	17 23	0 51	17 37	1 46	5 13	0 47	18 53	0 40	25 17	1 36	23 12	23 4	8 51		n.a.
S 25	19 45	25 12	1 49	13 17	1 39	19 25	3 35	24 6	0 33	17 25	0 51	17 38	1 46	5 13	0 47	18 54	0 40	25 17	1 37	23 12	23 4	8 54		n.a.
M26	19 30	24 36	2 55	12 51	1 55	19 35	3 30	24 9	0 33	17 27	0 51	17 39	1 46	5 14	0 47	18 54	0 40	25 17	1 37	23 12	23 3	8 57		n.a.
T 27	19 16	22 34	3 49	12 28	2 10	19 45	3 26	24 11	0 34	17 29	0 51	17 40	1 46	5 15	0 47	18 55	0 40	25 17	1 37	23 11	23 3	9 0		n.a.
W28	19 1	19 21	4 30	12 9	2 26	19 54	3 22	24 14	0 35	17 31	0 51	17 41	1 46	5 15	0 47	18 55	0 40	25 17	1 37	23 10	23 3	9 3		n.a.
T 29	18 46	15 15	4 56	11 53	2 40	20 3	3 17	24 16	0 36	17 33	0 51	17 41	1 46	5 16	0 47	18 56	0 40	25 17	1 37	23 10	23 2	9 5		n.a.
F 30	18 30	10 34	5 6	11 42	2 54	20 12	3 13	24 17	0 36	17 35	0 51	17 42	1 46	5 17	0 47	18 56	0 40	25 17	1 37	23 9	23 2	9 8		n.a.
S 31	18s15	5n33	5n 2	11s35	3n 7	20s20	3n 8	24s19	0s37	17s37	0n51	17s43	1n46	5n17	0n47	18n57	0n40	25n17	1n37	23n 8	23n 2	9s11		n.a.

Julian Day Number = 1704621.5, Delta T = 03h03m49s
Ecliptic obliquity = 23°42'03, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°41'54, Lahiri = - 4°34'53 Julian Calendar 1 Jan. 46 BCE == Greg. Calendar 30 Dec. 047 BCE

The year -45 astronomical counting style corresponds to year 046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 46 BCE
geocentric

FEBRUARY 46 BCE (-45) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 32 21	9♒50'50	9♎50	21°R 1	23♐16	29♐12	22♏ 2	25♏56	18°R33	8°R37	27°R 0	17°R41	16♊39	2♏49	n.a.	S 1
M 2	8 36 18	10°50'57	21°49	20♒29	24°18	29°57	22° 9	26° 0	18♍31	8♎35	26♊59	17♊37	16°36	2°56	n.a.	M 2
T 3	8 40 14	11°51'03	3♏41	19°49	25°20	0♑43	22°16	26° 3	18°29	8°34	26°58	17°35	16°33	3° 3	n.a.	T 3
W 4	8 44 11	12°51'06	15°30	19° 3	26°22	1°28	22°22	26° 6	18°27	8°32	26°57	17°D34	16°29	3° 9	n.a.	W 4
T 5	8 48 7	13°51'09	27°24	18°11	27°25	2°14	22°29	26° 9	18°25	8°30	26°56	17°35	16°26	3°16	n.a.	T 5
F 6	8 52 4	14°51'09	9♐25	17°15	28°28	3° 0	22°35	26°12	18°23	8°29	26°55	17°36	16°23	3°23	n.a.	F 6
S 7	8 56 0	15°51'08	21°41	16°16	29°31	3°45	22°42	26°15	18°21	8°27	26°55	17°R36	16°20	3°30	n.a.	S 7
S 8	8 59 57	16°51'05	4♑14	15°16	0♑35	4°31	22°48	26°18	18°19	8°25	26°54	17°35	16°17	3°36	n.a.	S 8
M 9	9 3 54	17°51'00	17° 9	14°16	1°38	5°16	22°54	26°21	18°17	8°24	26°53	17°31	16°14	3°43	n.a.	M 9
T 10	9 7 50	18°50'53	0♒26	13°17	2°42	6° 2	23° 0	26°23	18°15	8°22	26°52	17°25	16°10	3°50	n.a.	T 10
W11	9 11 47	19°50'44	14° 6	12°21	3°47	6°48	23° 5	26°26	18°13	8°20	26°52	17°16	16° 7	3°56	n.a.	W11
T 12	9 15 43	20°50'33	28° 6	11°28	4°51	7°34	23°11	26°29	18°11	8°19	26°51	17° 6	16° 4	4° 3	n.a.	T 12
F 13	9 19 40	21°50'20	12♓21	10°40	5°56	8°19	23°16	26°31	18° 9	8°17	26°50	16°55	16° 1	4°10	n.a.	F 13
S 14	9 23 36	22°50'05	26°45	9°57	7° 1	9° 5	23°21	26°33	18° 6	8°16	26°50	16°45	15°58	4°16	n.a.	S 14
S 15	9 27 33	23°49'48	11♈13	9°20	8° 6	9°51	23°26	26°35	18° 4	8°14	26°49	16°37	15°55	4°23	n.a.	S 15
M16	9 31 29	24°49'28	25°38	8°48	9°11	10°36	23°31	26°38	18° 2	8°12	26°48	16°31	15°51	4°30	n.a.	M16
T 17	9 35 26	25°49'05	9♉56	8°23	10°17	11°22	23°36	26°40	18° 0	8°11	26°48	16°28	15°48	4°36	n.a.	T 17
W18	9 39 23	26°48'41	24° 5	8° 4	11°22	12° 8	23°41	26°41	17°57	8° 9	26°47	16°D27	15°45	4°43	n.a.	W18
T 19	9 43 19	27°48'14	8♊ 3	7°51	12°28	12°54	23°45	26°43	17°55	8° 8	26°47	16°27	15°42	4°50	n.a.	T 19
F 20	9 47 16	28°47'44	21°51	7°44	13°34	13°40	23°49	26°45	17°52	8° 6	26°46	16°R27	15°39	4°56	n.a.	F 20
S 21	9 51 12	29°47'13	5♋29	7°D43	14°40	14°25	23°53	26°47	17°50	8° 5	26°46	16°26	15°35	5° 3	n.a.	S 21
S 22	9 55 9	0♓46'39	18°57	7°48	15°47	15°11	23°57	26°48	17°48	8° 3	26°45	16°22	15°32	5°10	n.a.	S 22
M23	9 59 5	1°46'02	2♌14	7°59	16°53	15°57	24° 1	26°50	17°45	8° 2	26°45	16°16	15°29	5°16	n.a.	M23
T 24	10 3 2	2°45'23	15°21	8°15	18° 0	16°43	24° 4	26°51	17°43	8° 0	26°44	16° 6	15°26	5°23	n.a.	T 24
W25	10 6 58	3°44'42	28°16	8°36	19° 7	17°29	24° 7	26°52	17°40	7°59	26°44	15°55	15°23	5°30	n.a.	W25
T 26	10 10 55	4°43'59	10♍58	9° 2	20°14	18°14	24°11	26°53	17°38	7°57	26°43	15°42	15°20	5°36	n.a.	T 26
F 27	10 14 52	5°43'13	23°28	9°33	21°21	19° 0	24°14	26°54	17°35	7°56	26°43	15°28	15°16	5°43	n.a.	F 27
S 28	10 18 48	6♓42'26	5♎45	10♒ 7	22♑28	19♑46	24♏16	26♏55	17♍33	7♎54	26♊43	15♊16	15♊13	5♏50	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	17s59	0n25	4n44	11s31	3n18	20s28	3n 4	24s20	0s38	17s39	0n51	17s44	1n47	5n18	0n47	18n57	0n40	25n17	1n37	23n 7	23n 1	9s14			n.a.
M 2	17 42	4s40	4 14	11 32	3 28	20 36	2 59	24 21	0 39	17 41	0 51	17 44	1 47	5 19	0 47	18 57	0 40	25 17	1 37	23 7	23 1	9 17			n.a.
T 3	17 25	9 32	3 33	11 37	3 36	20 43	2 54	24 22	0 40	17 42	0 52	17 45	1 47	5 20	0 47	18 58	0 40	25 17	1 37	23 7	23 1	9 20			n.a.
W 4	17 8	14 3	2 44	11 45	3 43	20 49	2 50	24 22	0 40	17 44	0 52	17 46	1 47	5 20	0 47	18 58	0 40	25 17	1 37	23 7	23 0	9 23			n.a.
T 5	16 51	18 4	1 46	11 57	3 47	20 56	2 45	24 22	0 41	17 46	0 52	17 46	1 47	5 21	0 47	18 59	0 40	25 17	1 37	23 7	23 0	9 26			n.a.
F 6	16 33	21 23	0 44	12 11	3 50	21 1	2 40	24 22	0 42	17 47	0 52	17 47	1 47	5 22	0 47	18 59	0 40	25 17	1 37	23 7	23 0	9 28			n.a.
S 7	16 16	23 48	0s22	12 29	3 50	21 7	2 35	24 22	0 43	17 49	0 52	17 47	1 47	5 23	0 47	19 0	0 40	25 17	1 37	23 7	22 59	9 31			n.a.
S 8	15 57	25 6	1 28	12 48	3 48	21 11	2 31	24 21	0 44	17 50	0 52	17 48	1 47	5 24	0 47	19 0	0 40	25 17	1 37	23 7	22 59	9 34			n.a.
M 9	15 39	25 5	2 31	13 10	3 44	21 16	2 26	24 20	0 44	17 52	0 52	17 48	1 47	5 24	0 47	19 1	0 40	25 17	1 37	23 6	22 59	9 37			n.a.
T 10	15 20	23 39	3 28	13 32	3 38	21 19	2 21	24 19	0 45	17 53	0 52	17 49	1 48	5 25	0 47	19 1	0 40	25 17	1 37	23 6	22 58	9 40			n.a.
W11	15 1	20 49	4 14	13 55	3 30	21 23	2 16	24 17	0 46	17 55	0 52	17 49	1 48	5 26	0 47	19 2	0 40	25 17	1 37	23 5	22 58	9 43			n.a.
T 12	14 42	16 44	4 47	14 18	3 21	21 26	2 11	24 16	0 47	17 56	0 52	17 50	1 48	5 27	0 47	19 2	0 40	25 17	1 37	23 4	22 58	9 46			n.a.
F 13	14 23	11 38	5 2	14 42	3 11	21 28	2 6	24 14	0 47	17 57	0 52	17 50	1 48	5 28	0 48	19 2	0 40	25 17	1 37	23 3	22 57	9 49			n.a.
S 14	14 3	5 51	4 58	15 4	2 59	21 30	2 1	24 11	0 48	17 58	0 52	17 51	1 48	5 29	0 48	19 3	0 40	25 17	1 37	23 2	22 57	9 51			n.a.
S 15	13 43	0n16	4 36	15 26	2 47	21 31	1 57	24 9	0 49	18 0	0 52	17 51	1 48	5 30	0 48	19 3	0 40	25 17	1 37	23 1	22 57	9 54			n.a.
M16	13 23	6 21	3 56	15 47	2 33	21 31	1 52	24 6	0 50	18 1	0 52	17 52	1 48	5 31	0 48	19 4	0 40	25 17	1 37	23 1	22 56	9 57			n.a.
T 17	13 3	12 5	3 1	16 7	2 20	21 31	1 47	24 3	0 51	18 2	0 52	17 52	1 48	5 32	0 48	19 4	0 40	25 17	1 37	23 0	22 56	10 0			n.a.
W18	12 43	17 8	1 56	16 26	2 5	21 31	1 42	24 0	0 51	18 3	0 52	17 52	1 49	5 32	0 48	19 5	0 40	25 17	1 37	23 0	22 56	10 3			n.a.
T 19	12 22	21 10	0 44	16 43	1 51	21 30	1 37	23 56	0 52	18 4	0 53	17 52	1 49	5 33	0 48	19 5	0 40	25 17	1 37	23 0	22 55	10 6			n.a.
F 20	12 1	23 55	0n29	16 59	1 37	21 28	1 32	23 52	0 53	18 5	0 53	17 53	1 49	5 34	0 48	19 5	0 40	25 17	1 37	23 0	22 55	10 9			n.a.
S 21	11 40	25 14	1 39	17 13	1 22	21 26	1 27	23 48	0 54	18 6	0 53	17 53	1 49	5 35	0 48	19 6	0 40	25 17	1 38	23 0	22 55	10 12			n.a.
S 22	11 19	25 2	2 43	17 25	1 8	21 23	1 23	23 44	0 54	18 7	0 53	17 53	1 49	5 36	0 48	19 6	0 40	25 17	1 38	23 0	22 54	10 14			n.a.
M23	10 58	23 24	3 37	17 36	0 54	21 20	1 18	23 39	0 55	18 8	0 53	17 53	1 49	5 37	0 48	19 7	0 40	25 17	1 38	22 59	22 54	10 17			n.a.
T 24	10 36	20 31	4 19	17 45	0 41	21 16	1 13	23 34	0 56	18 8	0 53	17 54	1 49	5 38	0 48	19 7	0 40	25 17	1 38	22 58	22 54	10 20			n.a.
W25	10 15	16 40	4 46	17 52	0 27	21 12	1 8	23 29	0 57	18 9	0 53	17 54	1 49	5 39	0 48	19 7	0 40	25 17	1 38	22 57	22 53	10 23			n.a.
T 26	9 53	12 8	4 59	17 58	0 14	21 7	1 4	23 24	0 57	18 10	0 53	17 54	1 50	5 40	0 48	19 8	0 40	25 17	1 38	22 55	22 53	10 26			n.a.
F 27	9 31	7 10	4 57	18 2	0 2	21 1	0 59	23 18	0 58	18 11	0 53	17 54	1 50	5 41	0 48	19 8	0 40	25 17	1 38	22 54	22 53	10 29			n.a.
S 28	9s 9	2n 0	4n42	18s 4	0s11	20s55	0n54	23s12	0s59	18s11	0n53	17s54	1n50	5n42	0n48	19n 8	0n40	25n17	1n38	22n53	22n52	10s32			n.a.

Julian Day Number = 1704652.5, Delta T = 03h03m48s
Ecliptic obliquity = 23°42'04, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°41'50, Lahiri = - 4°34'49 Julian Calendar 1 Feb. 46 BCE == Greg. Calendar 30 Jan. 046 BCE

The year -45 astronomical counting style corresponds to year 046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 46 BCE
geocentric

MARCH 46 BCE (-45) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 22 45	7♓41'36	17♎51	10♒46	23♑36	20♑32	24♏19	26♏56	17°R30	7°R53	26°R42	15°R 5	15♊10	5♏56	n.a.	S 1
M 2	10 26 41	8°40'44	29°47	11°29	24°43	21°18	24°21	26°57	17♍28	7♌51	26♊42	14♊57	15° 7	6° 3	n.a.	M 2
T 3	10 30 38	9°39'51	11♏37	12°15	25°51	22° 4	24°24	26°58	17°25	7°50	26°42	14°52	15° 4	6°10	n.a.	T 3
W 4	10 34 34	10°38'56	23°26	13° 4	26°59	22°50	24°26	26°58	17°23	7°49	26°42	14°50	15° 1	6°17	n.a.	W 4
T 5	10 38 31	11°37'59	5♐18	13°57	28° 6	23°35	24°28	26°59	17°20	7°47	26°41	14°49	14°57	6°23	n.a.	T 5
F 6	10 42 27	12°37'00	17°18	14°53	29°14	24°21	24°29	26°59	17°18	7°46	26°41	14°49	14°54	6°30	n.a.	F 6
S 7	10 46 24	13°35'59	29°32	15°52	0♒23	25° 7	24°31	26°59	17°15	7°45	26°41	14°48	14°51	6°37	n.a.	S 7
S 8	10 50 20	14°34'56	12♑ 6	16°53	1°31	25°53	24°32	26°59	17°12	7°43	26°41	14°46	14°48	6°43	n.a.	S 8
M 9	10 54 17	15°33'52	25° 3	17°58	2°39	26°39	24°33	27°R 0	17°10	7°42	26°41	14°42	14°45	6°50	n.a.	M 9
T 10	10 58 14	16°32'45	8♒27	19° 4	3°48	27°25	24°34	27° 0	17° 7	7°41	26°41	14°35	14°41	6°57	n.a.	T 10
W11	11 2 10	17°31'37	22°18	20°13	4°56	28°11	24°35	26°59	17° 5	7°40	26°41	14°26	14°38	7° 3	n.a.	W11
T 12	11 6 7	18°30'27	6♓34	21°25	6° 5	28°57	24°36	26°59	17° 2	7°39	26°41	14°15	14°35	7°10	n.a.	T 12
F 13	11 10 3	19°29'14	21°10	22°38	7°14	29°43	24°36	26°59	17° 0	7°37	26°D41	14° 3	14°32	7°17	n.a.	F 13
S 14	11 14 0	20°28'00	5♈59	23°54	8°23	0♒28	24°R36	26°58	16°57	7°36	26°41	13°52	14°29	7°23	n.a.	S 14
S 15	11 17 56	21°26'43	20°52	25°12	9°31	1°14	24°36	26°58	16°54	7°35	26°41	13°43	14°26	7°30	n.a.	S 15
M16	11 21 53	22°25'24	5♉40	26°32	10°40	2° 0	24°36	26°57	16°52	7°34	26°41	13°36	14°22	7°37	n.a.	M16
T 17	11 25 49	23°24'03	20°17	27°53	11°49	2°46	24°36	26°57	16°49	7°33	26°41	13°32	14°19	7°43	n.a.	T 17
W18	11 29 46	24°22'40	4♊39	29°17	12°59	3°32	24°35	26°56	16°47	7°32	26°41	13°31	14°16	7°50	n.a.	W18
T 19	11 33 43	25°21'14	18°42	0♓42	14° 8	4°18	24°34	26°55	16°44	7°31	26°41	13°31	14°13	7°57	n.a.	T 19
F 20	11 37 39	26°19'46	2♋27	2°10	15°17	5° 3	24°33	26°54	16°42	7°30	26°41	13°31	14°10	8° 3	n.a.	F 20
S 21	11 41 36	27°18'16	15°55	3°39	16°27	5°49	24°32	26°53	16°39	7°29	26°41	13°30	14° 6	8°10	n.a.	S 21
S 22	11 45 32	28°16'43	29° 7	5°10	17°36	6°35	24°31	26°52	16°37	7°28	26°42	13°26	14° 3	8°17	n.a.	S 22
M23	11 49 29	29°15'09	12♌ 7	6°42	18°46	7°21	24°29	26°50	16°34	7°27	26°42	13°20	14° 0	8°23	n.a.	M23
T 24	11 53 25	0♈13'32	24°54	8°17	19°55	8° 6	24°28	26°49	16°32	7°26	26°42	13°11	13°57	8°30	n.a.	T 24
W25	11 57 22	1°11'53	7♍30	9°53	21° 5	8°52	24°26	26°47	16°29	7°25	26°42	13° 0	13°54	8°37	n.a.	W25
T 26	12 1 18	2°10'11	19°55	11°31	22°15	9°38	24°24	26°46	16°27	7°25	26°43	12°48	13°51	8°43	n.a.	T 26
F 27	12 5 15	3° 8'28	2♎11	13°10	23°24	10°24	24°22	26°44	16°24	7°24	26°43	12°36	13°47	8°50	n.a.	F 27
S 28	12 9 11	4° 6'43	14°17	14°52	24°34	11° 9	24°19	26°42	16°22	7°23	26°43	12°24	13°44	8°57	n.a.	S 28
S 29	12 13 8	5° 4'56	26°16	16°35	25°44	11°55	24°17	26°41	16°19	7°22	26°44	12°14	13°41	9° 3	n.a.	S 29
M30	12 17 5	6° 3'08	8♏ 8	18°19	26°54	12°41	24°14	26°39	16°17	7°22	26°44	12° 6	13°38	9°10	n.a.	M30
T 31	12 21 1	7♈ 1'17	19♏57	20♓ 6	28♒ 4	13♒26	24♏11	26♏37	16♍15	7♌21	26♊45	12♊ 1	13♊35	9♏17	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	8s47	3s11	4n13	18s 5	0s22	20s48	0n50	23s 6	1s 0	18s12	0n53	17s54	1n50	5n43	0n48	19n 9	0n40	25n17	1n38	22n51	22n52	10s34			n.a.
M 2	8 24	8 11	3 34	18 4	0 33	20 40	0 45	22 59	1 1	18 12	0 53	17 54	1 50	5 44	0 48	19 9	0 40	25 17	1 38	22 51	22 52	10 37			n.a.
T 3	8 2	12 51	2 46	18 1	0 44	20 32	0 41	22 53	1 1	18 13	0 53	17 54	1 50	5 45	0 48	19 10	0 40	25 17	1 38	22 50	22 51	10 40			n.a.
W 4	7 39	17 3	1 51	17 57	0 54	20 24	0 36	22 46	1 2	18 13	0 53	17 54	1 50	5 46	0 48	19 10	0 40	25 17	1 38	22 50	22 51	10 43			n.a.
T 5	7 17	20 36	0 50	17 50	1 4	20 15	0 32	22 39	1 3	18 14	0 53	17 54	1 50	5 47	0 48	19 10	0 40	25 17	1 38	22 50	22 51	10 46			n.a.
F 6	6 54	23 18	0s13	17 43	1 13	20 5	0 27	22 31	1 4	18 14	0 53	17 54	1 51	5 48	0 48	19 11	0 40	25 17	1 38	22 50	22 50	10 49			n.a.
S 7	6 31	24 59	1 17	17 33	1 22	19 55	0 23	22 24	1 4	18 14	0 54	17 54	1 51	5 49	0 48	19 11	0 40	25 17	1 38	22 49	22 50	10 52			n.a.
S 8	6 8	25 27	2 19	17 22	1 30	19 44	0 19	22 16	1 5	18 15	0 54	17 54	1 51	5 50	0 48	19 11	0 40	25 17	1 38	22 49	22 49	10 54			n.a.
M 9	5 45	24 34	3 16	17 10	1 38	19 33	0 15	22 8	1 6	18 15	0 54	17 54	1 51	5 51	0 48	19 12	0 40	25 17	1 38	22 49	22 49	10 57			n.a.
T 10	5 22	22 16	4 3	16 56	1 45	19 21	0 10	22 0	1 7	18 15	0 54	17 54	1 51	5 52	0 48	19 12	0 40	25 17	1 38	22 48	22 49	11 0			n.a.
W11	4 59	18 37	4 39	16 40	1 51	19 8	0 6	21 51	1 7	18 15	0 54	17 54	1 51	5 53	0 48	19 12	0 40	25 18	1 38	22 47	22 48	11 3			n.a.
T 12	4 36	13 48	4 58	16 22	1 58	18 55	0 2	21 42	1 8	18 15	0 54	17 54	1 51	5 54	0 48	19 13	0 40	25 18	1 38	22 46	22 48	11 6			n.a.
F 13	4 12	8 6	4 58	16 3	2 3	18 42	0s 2	21 33	1 9	18 15	0 54	17 53	1 51	5 55	0 48	19 13	0 40	25 18	1 38	22 44	22 48	11 9			n.a.
S 14	3 49	1 51	4 39	15 43	2 8	18 28	0 6	21 24	1 9	18 15	0 54	17 53	1 51	5 56	0 48	19 13	0 40	25 18	1 38	22 43	22 47	11 11			n.a.
S 15	3 26	4n31	4 0	15 20	2 13	18 13	0 10	21 15	1 10	18 15	0 54	17 53	1 52	5 57	0 48	19 13	0 40	25 18	1 38	22 42	22 47	11 14			n.a.
M16	3 2	10 38	3 6	14 57	2 17	17 58	0 14	21 5	1 11	18 15	0 54	17 53	1 52	5 58	0 48	19 14	0 40	25 18	1 38	22 41	22 46	11 17			n.a.
T 17	2 39	16 6	2 0	14 31	2 20	17 43	0 17	20 55	1 12	18 15	0 54	17 52	1 52	5 59	0 48	19 14	0 40	25 18	1 38	22 40	22 46	11 20			n.a.
W18	2 15	20 32	0 47	14 5	2 23	17 26	0 21	20 45	1 12	18 15	0 54	17 52	1 52	6 0	0 48	19 14	0 40	25 18	1 38	22 40	22 46	11 23			n.a.
T 19	1 52	23 40	0n27	13 36	2 25	17 10	0 25	20 35	1 13	18 15	0 54	17 52	1 52	6 1	0 48	19 14	0 40	25 18	1 38	22 40	22 45	11 26			n.a.
F 20	1 28	25 19	1 39	13 6	2 27	16 53	0 28	20 24	1 14	18 14	0 54	17 52	1 52	6 2	0 48	19 15	0 40	25 18	1 38	22 40	22 45	11 28			n.a.
S 21	1 5	25 26	2 43	12 35	2 29	16 35	0 32	20 13	1 14	18 14	0 54	17 51	1 52	6 3	0 48	19 15	0 40	25 18	1 38	22 40	22 45	11 31			n.a.
S 22	0 42	24 5	3 37	12 2	2 29	16 17	0 35	20 2	1 15	18 14	0 54	17 51	1 52	6 4	0 48	19 15	0 40	25 18	1 38	22 40	22 44	11 34			n.a.
M23	0 18	21 29	4 18	11 28	2 30	15 59	0 39	19 51	1 16	18 13	0 54	17 50	1 53	6 5	0 48	19 15	0 40	25 18	1 38	22 39	22 44	11 37			n.a.
T 24	0n 5	17 51	4 46	10 52	2 29	15 40	0 42	19 40	1 16	18 13	0 54	17 50	1 53	6 6	0 48	19 16	0 40	25 18	1 38	22 38	22 43	11 40			n.a.
W25	0 29	13 29	5 0	10 14	2 29	15 20	0 45	19 29	1 17	18 12	0 54	17 50	1 53	6 7	0 48	19 16	0 40	25 18	1 38	22 36	22 43	11 43			n.a.
T 26	0 52	8 37	4 59	9 35	2 27	15 1	0 48	19 17	1 18	18 12	0 54	17 49	1 53	6 8	0 48	19 16	0 40	25 18	1 38	22 35	22 43	11 45			n.a.
F 27	1 16	3 28	4 44	8 55	2 25	14 40	0 51	19 5	1 18	18 11	0 55	17 49	1 53	6 9	0 48	19 16	0 40	25 18	1 38	22 33	22 42	11 48			n.a.
S 28	1 39	1s45	4 17	8 13	2 23	14 20	0 54	18 53	1 19	18 11	0 55	17 48	1 53	6 10	0 48	19 16	0 40	25 18	1 38	22 32	22 42	11 51			n.a.
S 29	2 2	6 52	3 38	7 30	2 20	13 59	0 57	18 41	1 20	18 10	0 55	17 48	1 53	6 11	0 48	19 17	0 40	25 18	1 38	22 30	22 42	11 54			n.a.
M30	2 26	11 42	2 50	6 45	2 17	13 37	1 0	18 28	1 20	18 9	0 55	17 47	1 53	6 12	0 48	19 17	0 40	25 18	1 38	22 29	22 41	11 57			n.a.
T 31	2n49	16s 5	1n55	6s 0	2s13	13s15	1s 3	18s16	1s21	18s 8	0n55	17s46	1n53	6n13	0n48	19n17	0n40	25n18	1n38	22n29	22n41	11s59			n.a.

Julian Day Number = 1704680.5, Delta T = 03h03m47s
Ecliptic obliquity = 23°42'05, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°41'46, Lahiri = - 4°34'45 Julian Calendar 1 March 46 BCE == Greg. Calendar 27 Feb. 046 BCE

The year -45 astronomical counting style corresponds to year 046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 46 BCE
geocentric

APRIL 46 BCE (-45) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 24 58	7♈59'25	1♐45	21♓54	29♒14	14♒12	24°R 8	26°R35	16°R12	7°R20	26♊45	11°R59	13♊32	9♏23	n.a.	W 1
T 2	12 28 54	8°57'32	13°36	23°44	0♓24	14°57	24♏ 4	26♏32	16♍10	7♌20	26°46	11°D59	13°28	9°30	n.a.	T 2
F 3	12 32 51	9°55'37	25°36	25°36	1°35	15°43	24° 1	26°30	16° 8	7°19	26°46	11♊59	13°25	9°37	n.a.	F 3
S 4	12 36 47	10°53'41	7♑49	27°30	2°45	16°29	23°57	26°28	16° 5	7°18	26°47	12°R 0	13°22	9°43	n.a.	S 4
S 5	12 40 44	11°51'43	20°20	29°25	3°55	17°14	23°54	26°25	16° 3	7°18	26°47	11°59	13°19	9°50	n.a.	S 5
M 6	12 44 40	12°49'43	3♒15	1♈22	5° 6	18° 0	23°50	26°23	16° 1	7°17	26°48	11°57	13°16	9°57	n.a.	M 6
T 7	12 48 37	13°47'42	16°36	3°21	6°16	18°45	23°45	26°20	15°59	7°17	26°48	11°53	13°12	10° 3	n.a.	T 7
W 8	12 52 34	14°45'40	0♓27	5°22	7°27	19°31	23°41	26°18	15°57	7°17	26°49	11°47	13° 9	10°10	n.a.	W 8
T 9	12 56 30	15°43'36	14°46	7°24	8°37	20°16	23°37	26°15	15°54	7°16	26°50	11°39	13° 6	10°17	n.a.	T 9
F 10	13 0 27	16°41'31	29°30	9°27	9°48	21° 1	23°32	26°12	15°52	7°16	26°50	11°31	13° 3	10°23	n.a.	F 10
S 11	13 4 23	17°39'24	14♈31	11°32	10°58	21°47	23°27	26° 9	15°50	7°15	26°51	11°23	13° 0	10°30	n.a.	S 11
S 12	13 8 20	18°37'16	29°40	13°39	12° 9	22°32	23°22	26° 6	15°48	7°15	26°52	11°16	12°57	10°37	n.a.	S 12
M13	13 12 16	19°35'06	14♉47	15°47	13°20	23°17	23°17	26° 3	15°46	7°15	26°52	11°11	12°53	10°43	n.a.	M13
T 14	13 16 13	20°32'54	29°43	17°55	14°30	24° 3	23°12	26° 0	15°44	7°15	26°53	11° 9	12°50	10°50	n.a.	T 14
W15	13 20 9	21°30'41	14♊21	20° 5	15°41	24°48	23° 7	25°57	15°42	7°14	26°54	11°D 8	12°47	10°57	n.a.	W15
T 16	13 24 6	22°28'26	28°37	22°15	16°52	25°33	23° 1	25°54	15°40	7°14	26°55	11° 9	12°44	11° 3	n.a.	T 16
F 17	13 28 3	23°26'09	12♋29	24°26	18° 3	26°18	22°55	25°50	15°39	7°14	26°56	11°10	12°41	11°10	n.a.	F 17
S 18	13 31 59	24°23'51	25°59	26°37	19°14	27° 3	22°50	25°47	15°37	7°14	26°56	11°R11	12°38	11°17	n.a.	S 18
S 19	13 35 56	25°21'31	9♌ 8	28°48	20°25	27°49	22°44	25°44	15°35	7°14	26°57	11°10	12°34	11°23	n.a.	S 19
M20	13 39 52	26°19'09	21°58	0♉59	21°36	28°34	22°38	25°40	15°33	7°14	26°58	11° 7	12°31	11°30	n.a.	M20
T 21	13 43 49	27°16'45	4♍34	3° 9	22°47	29°19	22°32	25°37	15°31	7°D14	26°59	11° 2	12°28	11°37	n.a.	T 21
W22	13 47 45	28°14'20	16°56	5°18	23°58	0♓ 4	22°25	25°33	15°30	7°14	27° 0	10°56	12°25	11°43	n.a.	W22
T 23	13 51 42	29°11'53	29° 8	7°25	25° 9	0°49	22°19	25°29	15°28	7°14	27° 1	10°48	12°22	11°50	n.a.	T 23
F 24	13 55 38	0♉ 9'25	11♎12	9°32	26°20	1°33	22°13	25°26	15°27	7°14	27° 2	10°41	12°18	11°57	n.a.	F 24
S 25	13 59 35	1° 6'55	23° 9	11°36	27°31	2°18	22° 6	25°22	15°25	7°14	27° 3	10°34	12°15	12° 3	n.a.	S 25
S 26	14 3 32	2° 4'24	5♏ 2	13°39	28°42	3° 3	21°59	25°18	15°23	7°14	27° 4	10°28	12°12	12°10	n.a.	S 26
M27	14 7 28	3° 1'53	16°51	15°40	29°54	3°48	21°53	25°14	15°22	7°14	27° 5	10°24	12° 9	12°17	n.a.	M27
T 28	14 11 25	3°59'20	28°39	17°39	1♈ 5	4°32	21°46	25°10	15°21	7°15	27° 6	10°21	12° 6	12°23	n.a.	T 28
W29	14 15 21	4°56'46	10♐29	19°35	2°16	5°17	21°39	25° 6	15°19	7°15	27° 7	10°D21	12° 3	12°30	n.a.	W29
T 30	14 19 18	5♉54'11	22♐23	21♉29	3♈28	6♓ 2	21♏32	25♏ 2	15♍18	7♌15	27♊ 8	10♊21	11♊59	12♏37	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3n12	19s51	0n54	5s12	2s 8	12s53	1s 6	18s 3	1s22	18s 8	0n55	17s46	1n53	6n14	0n48	19n17	0n40	25n18	1n39	22n28	22n40	12s 2		n.a.
T 2	3 35	22 50	0s 9	4 23	2 3	12 31	1 8	17 50	1 22	18 7	0 55	17 45	1 53	6 15	0 47	19 17	0 40	25 18	1 39	22 28	22 40	12 5		n.a.
F 3	3 58	24 50	1 12	3 34	1 57	12 8	1 11	17 37	1 23	18 6	0 55	17 45	1 54	6 15	0 47	19 17	0 40	25 18	1 39	22 28	22 40	12 8		n.a.
S 4	4 21	25 42	2 14	2 42	1 51	11 45	1 13	17 24	1 24	18 5	0 55	17 44	1 54	6 16	0 47	19 18	0 40	25 18	1 39	22 29	22 39	12 11		n.a.
S 5	4 44	25 17	3 10	1 50	1 45	11 21	1 16	17 10	1 24	18 4	0 55	17 43	1 54	6 17	0 47	19 18	0 40	25 18	1 39	22 28	22 39	12 13		n.a.
M 6	5 7	23 31	3 59	0 56	1 38	10 57	1 18	16 57	1 25	18 3	0 55	17 43	1 54	6 18	0 47	19 18	0 40	25 18	1 39	22 28	22 38	12 16		n.a.
T 7	5 30	20 25	4 37	0 2	1 30	10 33	1 20	16 43	1 25	18 2	0 55	17 42	1 54	6 19	0 47	19 18	0 40	25 18	1 39	22 28	22 38	12 19		n.a.
W 8	5 53	16 6	5 0	0n54	1 22	10 8	1 22	16 29	1 26	18 1	0 55	17 41	1 54	6 20	0 47	19 18	0 40	25 18	1 39	22 27	22 38	12 22		n.a.
T 9	6 15	10 44	5 5	1 51	1 13	9 43	1 24	16 15	1 27	18 0	0 55	17 41	1 54	6 21	0 47	19 18	0 40	25 18	1 39	22 26	22 37	12 25		n.a.
F 10	6 38	4 39	4 51	2 48	1 4	9 18	1 26	16 1	1 27	17 59	0 55	17 40	1 54	6 21	0 47	19 18	0 40	25 19	1 39	22 25	22 37	12 27		n.a.
S 11	7 0	1n51	4 17	3 46	0 55	8 53	1 28	15 47	1 28	17 57	0 55	17 39	1 54	6 22	0 47	19 18	0 40	25 19	1 39	22 23	22 36	12 30		n.a.
S 12	7 22	8 18	3 24	4 45	0 46	8 27	1 30	15 33	1 28	17 56	0 55	17 38	1 54	6 23	0 47	19 18	0 40	25 19	1 39	22 23	22 36	12 33		n.a.
M13	7 45	14 16	2 17	5 44	0 36	8 2	1 31	15 18	1 29	17 55	0 55	17 38	1 54	6 24	0 47	19 18	0 40	25 19	1 39	22 22	22 36	12 36		n.a.
T 14	8 7	19 19	1 1	6 43	0 25	7 35	1 33	15 3	1 29	17 54	0 55	17 37	1 54	6 24	0 47	19 19	0 40	25 19	1 39	22 22	22 35	12 39		n.a.
W15	8 29	23 4	0n17	7 42	0 15	7 9	1 35	14 49	1 30	17 52	0 55	17 36	1 54	6 25	0 47	19 19	0 40	25 19	1 39	22 21	22 35	12 41		n.a.
T 16	8 50	25 15	1 33	8 41	0 4	6 43	1 36	14 34	1 31	17 51	0 55	17 35	1 54	6 26	0 47	19 19	0 40	25 19	1 39	22 22	22 34	12 44		n.a.
F 17	9 12	25 47	2 41	9 40	0n 6	6 16	1 37	14 19	1 31	17 49	0 55	17 34	1 55	6 27	0 47	19 19	0 40	25 19	1 39	22 22	22 34	12 47		n.a.
S 18	9 33	24 45	3 38	10 38	0 17	5 49	1 39	14 4	1 32	17 48	0 55	17 34	1 55	6 27	0 47	19 19	0 40	25 19	1 39	22 22	22 34	12 50		n.a.
S 19	9 55	22 23	4 22	11 35	0 27	5 22	1 40	13 48	1 32	17 47	0 55	17 33	1 55	6 28	0 47	19 19	0 40	25 19	1 39	22 22	22 33	12 53		n.a.
M20	10 16	18 56	4 52	12 32	0 38	4 54	1 41	13 33	1 33	17 45	0 55	17 32	1 55	6 29	0 47	19 19	0 40	25 19	1 39	22 21	22 33	12 55		n.a.
T 21	10 37	14 41	5 7	13 26	0 48	4 27	1 42	13 17	1 33	17 44	0 55	17 31	1 55	6 29	0 47	19 19	0 40	25 19	1 39	22 21	22 32	12 58		n.a.
W22	10 58	9 55	5 7	14 20	0 58	3 59	1 43	13 2	1 34	17 42	0 55	17 30	1 55	6 30	0 47	19 19	0 40	25 19	1 39	22 20	22 32	13 1		n.a.
T 23	11 19	4 49	4 53	15 12	1 7	3 32	1 44	12 46	1 34	17 40	0 54	17 29	1 55	6 30	0 47	19 19	0 40	25 19	1 39	22 19	22 31	13 4		n.a.
F 24	11 39	0s24	4 27	16 1	1 16	3 4	1 44	12 31	1 35	17 39	0 54	17 28	1 55	6 31	0 47	19 19	0 40	25 19	1 39	22 18	22 31	13 6		n.a.
S 25	11 59	5 34	3 48	16 49	1 25	2 36	1 45	12 15	1 35	17 37	0 54	17 27	1 55	6 32	0 47	19 19	0 40	25 19	1 39	22 17	22 31	13 9		n.a.
S 26	12 19	10 31	3 0	17 35	1 33	2 8	1 46	11 59	1 36	17 35	0 54	17 26	1 55	6 32	0 47	19 19	0 40	25 19	1 39	22 16	22 30	13 12		n.a.
M27	12 39	15 4	2 5	18 18	1 40	1 40	1 46	11 43	1 36	17 34	0 54	17 26	1 55	6 33	0 47	19 18	0 40	25 19	1 39	22 15	22 30	13 15		n.a.
T 28	12 59	19 3	1 3	18 59	1 47	1 11	1 46	11 27	1 37	17 32	0 54	17 25	1 55	6 33	0 47	19 18	0 40	25 19	1 39	22 15	22 29	13 17		n.a.
W29	13 19	22 17	0s 1	19 38	1 53	0 43	1 47	11 11	1 37	17 30	0 54	17 24	1 55	6 34	0 47	19 18	0 40	25 19	1 39	22 15	22 29	13 20		n.a.
T 30	13n38	24s34	1s 5	20n14	1n59	0s15	1s47	10s54	1s37	17s28	0n54	17s23	1n55	6n34	0n47	19n18	0n40	25n20	1n39	22n15	22n28	13s23		n.a.

Julian Day Number = 1704711.5, Delta T = 03h03m46s
Ecliptic obliquity = 23°42'05, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°41'42, Lahiri = - 4°34'41 Julian Calendar 1 Apr. 46 BCE == Greg. Calendar 30 March 046 BCE

The year -45 astronomical counting style corresponds to year 046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 46 BCE
geocentric

MAY 46 BCE (-45) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 23 14	6♉51'35	4♑26	23♉20	4♈39	6♓46	21°R25	24°R58	15°R17	7♌15	27♊ 9	10♊23	11♊56	12♏43	n.a.	F 1
S 2	14 27 11	7°48'58	16°41	25° 9	5°50	7°31	21♏17	24♏54	15♍15	7°16	27°10	10°24	11°53	12°50	n.a.	S 2
S 3	14 31 7	8°46'21	29°13	26°54	7° 2	8°15	21°10	24°50	15°14	7°16	27°12	10°26	11°50	12°57	n.a.	S 3
M 4	14 35 4	9°43'43	12♒ 5	28°38	8°13	9° 0	21° 3	24°46	15°13	7°16	27°13	10°R26	11°47	13° 3	n.a.	M 4
T 5	14 39 1	10°41'04	25°22	0♊18	9°25	9°44	20°55	24°42	15°12	7°17	27°14	10°25	11°43	13°10	n.a.	T 5
W 6	14 42 57	11°38'24	9♓ 6	1°56	10°37	10°28	20°48	24°38	15°11	7°17	27°15	10°23	11°40	13°17	n.a.	W 6
T 7	14 46 54	12°35'44	23°18	3°30	11°48	11°13	20°41	24°33	15°10	7°18	27°16	10°20	11°37	13°23	n.a.	T 7
F 8	14 50 50	13°33'03	7♈55	5° 2	13° 0	11°57	20°33	24°29	15° 9	7°18	27°18	10°16	11°34	13°30	n.a.	F 8
S 9	14 54 47	14°30'22	22°52	6°31	14°11	12°41	20°26	24°25	15° 8	7°19	27°19	10°13	11°31	13°37	n.a.	S 9
S 10	14 58 43	15°27'39	8♉ 2	7°58	15°23	13°25	20°18	24°21	15° 7	7°20	27°20	10°10	11°28	13°43	n.a.	S 10
M11	15 2 40	16°24'57	23°15	9°21	16°35	14° 9	20°10	24°16	15° 6	7°20	27°21	10° 8	11°24	13°50	n.a.	M11
T 12	15 6 36	17°22'13	8♊21	10°41	17°47	14°53	20° 3	24°12	15° 5	7°21	27°23	10°D 8	11°21	13°57	n.a.	T 12
W13	15 10 33	18°19'29	23°11	11°58	18°58	15°37	19°55	24° 8	15° 5	7°22	27°24	10° 8	11°18	14° 3	n.a.	W13
T 14	15 14 30	19°16'43	7♋40	13°12	20°10	16°21	19°47	24° 3	15° 4	7°22	27°25	10° 9	11°15	14°10	n.a.	T 14
F 15	15 18 26	20°13'57	21°43	14°23	21°22	17° 5	19°40	23°59	15° 3	7°23	27°27	10°10	11°12	14°17	n.a.	F 15
S 16	15 22 23	21°11'10	5♌21	15°31	22°34	17°48	19°32	23°54	15° 3	7°24	27°28	10°11	11° 9	14°23	n.a.	S 16
S 17	15 26 19	22° 8'22	18°33	16°35	23°46	18°32	19°24	23°50	15° 2	7°25	27°29	10°R12	11° 5	14°30	n.a.	S 17
M18	15 30 16	23° 5'33	1♍24	17°37	24°58	19°15	19°17	23°46	15° 2	7°25	27°31	10°12	11° 2	14°37	n.a.	M18
T 19	15 34 12	24° 2'44	13°55	18°34	26°10	19°59	19° 9	23°41	15° 1	7°26	27°32	10°11	10°59	14°43	n.a.	T 19
W20	15 38 9	24°59'53	26°11	19°29	27°22	20°42	19° 2	23°37	15° 1	7°27	27°33	10° 9	10°56	14°50	n.a.	W20
T 21	15 42 5	25°57'02	8♎16	20°19	28°34	21°25	18°54	23°32	15° 1	7°28	27°35	10° 7	10°53	14°57	n.a.	T 21
F 22	15 46 2	26°54'10	20°12	21° 6	29°46	22° 9	18°47	23°28	15° 1	7°29	27°36	10° 5	10°49	15° 3	n.a.	F 22
S 23	15 49 59	27°51'18	2♏ 3	21°50	0♉58	22°52	18°39	23°24	15° 0	7°30	27°38	10° 4	10°46	15°10	n.a.	S 23
S 24	15 53 55	28°48'25	13°52	22°29	2°10	23°35	18°32	23°19	15° 0	7°31	27°39	10° 2	10°43	15°17	n.a.	S 24
M25	15 57 52	29°45'32	25°41	23° 4	3°22	24°18	18°24	23°15	15° 0	7°32	27°41	10° 1	10°40	15°23	n.a.	M25
T 26	16 1 48	0♊42'39	7♐32	23°35	4°34	25° 1	18°17	23°11	15°D 0	7°33	27°42	10°D 1	10°37	15°30	n.a.	T 26
W27	16 5 45	1°39'45	19°28	24° 2	5°46	25°44	18°10	23° 6	15° 0	7°34	27°44	10° 1	10°34	15°37	n.a.	W27
T 28	16 9 41	2°36'51	1♑31	24°25	6°59	26°27	18° 2	23° 2	15° 0	7°35	27°45	10° 2	10°30	15°43	n.a.	T 28
F 29	16 13 38	3°33'57	13°42	24°43	8°11	27° 9	17°55	22°58	15° 0	7°37	27°47	10° 2	10°27	15°50	n.a.	F 29
S 30	16 17 34	4°31'04	26° 6	24°57	9°23	27°52	17°48	22°53	15° 0	7°38	27°48	10° 3	10°24	15°57	n.a.	S 30
S 31	16 21 31	5♊28'10	8♒44	25♊ 6	10♉35	28♓34	17♏41	22♏49	15♍ 1	7♌39	27♊50	10♊ 3	10♊21	16♏ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n57	25s45	2s 8	20n48	2n 3	0n14	1s47	10s38	1s38	17s27	0n54	17s22	1n55	6n35	0n47	19n18	0n40	25n20	1n39	22n15	22n28	13s26		n.a.
S 2	14 16	25 43	3 6	21 19	2 7	0 42	1 47	10 22	1 38	17 25	0 54	17 21	1 55	6 35	0 47	19 18	0 40	25 20	1 39	22 15	22 28	13 29		n.a.
S 3	14 35	24 23	3 56	21 48	2 11	1 11	1 47	10 5	1 39	17 23	0 54	17 20	1 55	6 36	0 47	19 18	0 40	25 20	1 39	22 15	22 27	13 31		n.a.
M 4	14 53	21 46	4 36	22 14	2 13	1 39	1 47	9 49	1 39	17 21	0 54	17 19	1 55	6 36	0 47	19 18	0 40	25 20	1 39	22 15	22 27	13 34		n.a.
T 5	15 11	17 57	5 3	22 38	2 15	2 8	1 47	9 32	1 40	17 19	0 54	17 18	1 55	6 36	0 46	19 18	0 40	25 20	1 40	22 15	22 26	13 37		n.a.
W 6	15 29	13 4	5 14	22 59	2 16	2 37	1 47	9 16	1 40	17 17	0 54	17 17	1 55	6 37	0 46	19 18	0 40	25 20	1 40	22 15	22 26	13 40		n.a.
T 7	15 47	7 21	5 6	23 19	2 16	3 5	1 47	8 59	1 40	17 15	0 53	17 16	1 55	6 37	0 46	19 17	0 40	25 20	1 40	22 15	22 25	13 42		n.a.
F 8	16 5	1 5	4 38	23 36	2 16	3 34	1 46	8 42	1 41	17 14	0 53	17 15	1 55	6 38	0 46	19 17	0 40	25 20	1 40	22 14	22 25	13 45		n.a.
S 9	16 22	5n25	3 51	23 50	2 14	4 2	1 46	8 25	1 41	17 12	0 53	17 14	1 55	6 38	0 46	19 17	0 40	25 20	1 40	22 13	22 25	13 48		n.a.
S 10	16 39	11 42	2 48	24 3	2 12	4 30	1 45	8 9	1 41	17 10	0 53	17 13	1 55	6 38	0 46	19 17	0 40	25 20	1 40	22 13	22 24	13 51		n.a.
M11	16 56	17 19	1 32	24 14	2 10	4 59	1 45	7 52	1 42	17 8	0 53	17 12	1 55	6 38	0 46	19 17	0 40	25 20	1 40	22 13	22 24	13 53		n.a.
T 12	17 12	21 47	0 10	24 22	2 6	5 27	1 44	7 35	1 42	17 6	0 53	17 11	1 55	6 39	0 46	19 17	0 40	25 20	1 40	22 13	22 23	13 56		n.a.
W13	17 28	24 43	1n11	24 29	2 2	5 55	1 43	7 18	1 42	17 4	0 53	17 10	1 55	6 39	0 46	19 16	0 40	25 20	1 40	22 13	22 23	13 59		n.a.
T 14	17 44	25 55	2 26	24 34	1 57	6 23	1 42	7 1	1 43	17 2	0 53	17 8	1 55	6 39	0 46	19 16	0 40	25 20	1 40	22 13	22 22	14 1		n.a.
F 15	18 0	25 23	3 30	24 37	1 51	6 51	1 41	6 44	1 43	17 0	0 53	17 7	1 55	6 39	0 46	19 16	0 40	25 20	1 40	22 13	22 22	14 4		n.a.
S 16	18 15	23 20	4 20	24 38	1 44	7 19	1 41	6 27	1 43	16 58	0 52	17 6	1 54	6 40	0 46	19 16	0 40	25 21	1 40	22 13	22 21	14 7		n.a.
S 17	18 30	20 5	4 54	24 38	1 37	7 47	1 40	6 10	1 44	16 56	0 52	17 5	1 54	6 40	0 46	19 16	0 40	25 21	1 40	22 13	22 21	14 10		n.a.
M18	18 45	15 57	5 12	24 36	1 29	8 15	1 38	5 53	1 44	16 54	0 52	17 4	1 54	6 40	0 46	19 15	0 40	25 21	1 40	22 13	22 21	14 12		n.a.
T 19	18 59	11 14	5 15	24 32	1 21	8 42	1 37	5 36	1 44	16 52	0 52	17 3	1 54	6 40	0 46	19 15	0 40	25 21	1 40	22 13	22 20	14 15		n.a.
W20	19 13	6 10	5 4	24 28	1 11	9 9	1 36	5 19	1 44	16 50	0 52	17 2	1 54	6 40	0 46	19 15	0 40	25 21	1 40	22 13	22 20	14 18		n.a.
T 21	19 27	0 57	4 39	24 22	1 1	9 36	1 35	5 2	1 45	16 48	0 52	17 1	1 54	6 40	0 46	19 15	0 40	25 21	1 40	22 13	22 19	14 20		n.a.
F 22	19 41	4s15	4 2	24 14	0 50	10 3	1 33	4 45	1 45	16 46	0 52	17 0	1 54	6 40	0 46	19 14	0 40	25 21	1 40	22 12	22 19	14 23		n.a.
S 23	19 54	9 16	3 15	24 6	0 39	10 30	1 32	4 28	1 45	16 44	0 51	16 59	1 54	6 40	0 46	19 14	0 40	25 21	1 40	22 12	22 18	14 26		n.a.
S 24	20 7	13 57	2 20	23 56	0 27	10 56	1 31	4 11	1 45	16 42	0 51	16 58	1 54	6 40	0 46	19 14	0 40	25 21	1 40	22 12	22 18	14 29		n.a.
M25	20 19	18 7	1 19	23 46	0 14	11 23	1 29	3 54	1 46	16 41	0 51	16 57	1 54	6 40	0 46	19 14	0 40	25 21	1 40	22 12	22 17	14 31		n.a.
T 26	20 31	21 35	0 14	23 34	0 1	11 49	1 27	3 37	1 46	16 39	0 51	16 56	1 54	6 40	0 46	19 13	0 40	25 21	1 40	22 12	22 17	14 34		n.a.
W27	20 43	24 9	0s52	23 22	0s12	12 14	1 26	3 20	1 46	16 37	0 51	16 55	1 54	6 40	0 46	19 13	0 40	25 21	1 40	22 12	22 16	14 37		n.a.
T 28	20 55	25 38	1 57	23 8	0 27	12 40	1 24	3 3	1 46	16 35	0 51	16 54	1 54	6 40	0 46	19 13	0 40	25 21	1 40	22 12	22 16	14 39		n.a.
F 29	21 6	25 55	2 56	22 54	0 41	13 5	1 22	2 46	1 46	16 33	0 50	16 53	1 53	6 40	0 46	19 12	0 40	25 21	1 40	22 12	22 16	14 42		n.a.
S 30	21 17	24 54	3 49	22 40	0 56	13 30	1 21	2 29	1 46	16 31	0 50	16 52	1 53	6 40	0 45	19 12	0 40	25 21	1 41	22 12	22 15	14 45		n.a.
S 31	21n27	22s38	4s32	22n25	1s12	13n55	1s19	2s12	1s47	16s29	0n50	16s51	1n53	6n40	0n45	19n12	0n40	25n22	1n41	22n12	22n15	14s48		n.a.

Julian Day Number = 1704741.5, Delta T = 03h03m45s
Ecliptic obliquity = 23°42'05, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°41'38, Lahiri = - 4°34'37 Julian Calendar 1 May 46 BCE == Greg. Calendar 29 Apr. 046 BCE

The year -45 astronomical counting style corresponds to year 046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 46 BCE
geocentric

JUNE 46 BCE (-45) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 25 28	6♊25'16	21♒40	25°R11	11♉48	29♓17	17°R34	22°R45	15♍ 1	7♌40	27♊51	10♊ 4	10♊18	16♏10	n.a.	M 1
T 2	16 29 24	7°22'23	4♓56	25♊10	13° 0	29°59	17♏27	22♏41	15° 1	7°42	27°53	10°R 4	10°15	16°17	n.a.	T 2
W 3	16 33 21	8°19'30	18°33	25° 6	14°13	0♈42	17°21	22°37	15° 2	7°43	27°54	10° 4	10°11	16°23	n.a.	W 3
T 4	16 37 17	9°16'37	2♈34	24°57	15°25	1°24	17°14	22°32	15° 2	7°44	27°56	10° 4	10° 8	16°30	n.a.	T 4
F 5	16 41 14	10°13'44	16°57	24°43	16°38	2° 6	17° 7	22°28	15° 2	7°46	27°57	10°D 4	10° 5	16°36	n.a.	F 5
S 6	16 45 10	11°10'52	1♉39	24°25	17°50	2°48	17° 1	22°24	15° 3	7°47	27°59	10° 4	10° 2	16°43	n.a.	S 6
S 7	16 49 7	12° 8'00	16°35	24° 3	19° 3	3°30	16°55	22°20	15° 4	7°48	28° 1	10° 4	9°59	16°50	n.a.	S 7
M 8	16 53 4	13° 5'09	1♊38	23°37	20°15	4°12	16°48	22°16	15° 4	7°50	28° 2	10° 4	9°55	16°56	n.a.	M 8
T 9	16 57 0	14° 2'18	16°39	23° 8	21°28	4°53	16°42	22°12	15° 5	7°51	28° 4	10°R 4	9°52	17° 3	n.a.	T 9
W10	17 0 57	14°59'27	1♋30	22°36	22°40	5°35	16°36	22° 8	15° 6	7°53	28° 5	10° 4	9°49	17°10	n.a.	W10
T 11	17 4 53	15°56'36	16° 4	22° 1	23°53	6°16	16°31	22° 5	15° 6	7°54	28° 7	10° 3	9°46	17°16	n.a.	T 11
F 12	17 8 50	16°53'45	0♌14	21°25	25° 6	6°58	16°25	22° 1	15° 7	7°56	28° 9	10° 3	9°43	17°23	n.a.	F 12
S 13	17 12 46	17°50'54	13°59	20°47	26°19	7°39	16°19	21°57	15° 8	7°57	28°10	10° 2	9°40	17°30	n.a.	S 13
S 14	17 16 43	18°48'04	27°17	20° 8	27°31	8°20	16°14	21°53	15° 9	7°59	28°12	10° 1	9°36	17°36	n.a.	S 14
M15	17 20 39	19°45'13	10♍11	19°29	28°44	9° 1	16° 9	21°50	15°10	8° 0	28°13	10° 0	9°33	17°43	n.a.	M15
T 16	17 24 36	20°42'23	22°44	18°50	29°57	9°42	16° 3	21°46	15°11	8° 2	28°15	10°D 0	9°30	17°50	n.a.	T 16
W17	17 28 33	21°39'32	4♎59	18°13	1♊10	10°23	15°58	21°43	15°12	8° 4	28°17	10° 1	9°27	17°56	n.a.	W17
T 18	17 32 29	22°36'42	17° 1	17°38	2°23	11° 4	15°54	21°39	15°13	8° 5	28°18	10° 1	9°24	18° 3	n.a.	T 18
F 19	17 36 26	23°33'53	28°54	17° 5	3°36	11°45	15°49	21°36	15°15	8° 7	28°20	10° 3	9°21	18°10	n.a.	F 19
S 20	17 40 22	24°31'03	10♏43	16°36	4°48	12°25	15°44	21°32	15°16	8° 9	28°22	10° 4	9°17	18°16	n.a.	S 20
S 21	17 44 19	25°28'14	22°32	16°10	6° 1	13° 5	15°40	21°29	15°17	8°11	28°23	10° 5	9°14	18°23	n.a.	S 21
M22	17 48 15	26°25'26	4♐23	15°48	7°14	13°46	15°36	21°26	15°18	8°12	28°25	10°R 6	9°11	18°30	n.a.	M22
T 23	17 52 12	27°22'38	16°21	15°31	8°28	14°26	15°32	21°23	15°20	8°14	28°26	10° 6	9° 8	18°36	n.a.	T 23
W24	17 56 8	28°19'50	28°26	15°19	9°41	15° 6	15°28	21°20	15°21	8°16	28°28	10° 5	9° 5	18°43	n.a.	W24
T 25	18 0 5	29°17'04	10♑41	15°12	10°54	15°46	15°24	21°17	15°23	8°18	28°30	10° 3	9° 1	18°50	n.a.	T 25
F 26	18 4 2	0♋14'18	23° 8	15°D11	12° 7	16°26	15°20	21°14	15°24	8°19	28°31	10° 0	8°58	18°56	n.a.	F 26
S 27	18 7 58	1°11'33	5♒47	15°16	13°20	17° 5	15°17	21°11	15°26	8°21	28°33	9°57	8°55	19° 3	n.a.	S 27
S 28	18 11 55	2° 8'49	18°40	15°27	14°33	17°45	15°14	21° 8	15°28	8°23	28°35	9°54	8°52	19°10	n.a.	S 28
M29	18 15 51	3° 6'06	1♓47	15°43	15°46	18°24	15°11	21° 5	15°29	8°25	28°36	9°51	8°49	19°16	n.a.	M29
T 30	18 19 48	4♋ 3'24	15♓10	16♊ 6	17♊ 0	19♈ 3	15♏ 8	21♏ 3	15♍31	8♌27	28♊38	9♊49	8♊46	19♏23	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n37	19s11	5s 1	22n 9	1s27	14n19	1s17	1s55	1s47	16s28	0n50	16s50	1n53	6n40	0n45	19n11	0n40	25n22	1n41	22n12	22n14	14s50		n.a.
T 2	21 47	14 42	5 16	21 54	1 43	14 43	1 15	1 38	1 47	16 26	0 50	16 49	1 53	6 40	0 45	19 11	0 40	25 22	1 41	22 12	22 14	14 53		n.a.
W 3	21 56	9 23	5 14	21 37	1 59	15 7	1 13	1 21	1 47	16 24	0 50	16 48	1 53	6 39	0 45	19 11	0 40	25 22	1 41	22 12	22 13	14 56		n.a.
T 4	22 5	3 27	4 54	21 21	2 15	15 30	1 11	1 4	1 47	16 23	0 49	16 47	1 53	6 39	0 45	19 10	0 40	25 22	1 41	22 12	22 13	14 58		n.a.
F 5	22 14	2n49	4 14	21 5	2 31	15 53	1 9	0 48	1 47	16 21	0 49	16 47	1 53	6 39	0 45	19 10	0 40	25 22	1 41	22 12	22 12	15 1		n.a.
S 6	22 22	9 5	3 18	20 49	2 46	16 16	1 7	0 31	1 47	16 19	0 49	16 46	1 52	6 39	0 45	19 10	0 40	25 22	1 41	22 12	22 12	15 4		n.a.
S 7	22 30	14 57	2 7	20 33	3 1	16 38	1 5	0 14	1 47	16 18	0 49	16 45	1 52	6 38	0 45	19 9	0 40	25 22	1 41	22 12	22 11	15 6		n.a.
M 8	22 37	19 57	0 47	20 17	3 16	17 0	1 3	0n 3	1 47	16 16	0 49	16 44	1 52	6 38	0 45	19 9	0 40	25 22	1 41	22 12	22 11	15 9		n.a.
T 9	22 44	23 38	0n37	20 2	3 29	17 21	1 0	0 19	1 47	16 14	0 48	16 43	1 52	6 38	0 45	19 8	0 40	25 22	1 41	22 12	22 10	15 12		n.a.
W10	22 51	25 38	1 56	19 48	3 42	17 42	0 58	0 36	1 48	16 13	0 48	16 42	1 52	6 38	0 45	19 8	0 40	25 22	1 41	22 12	22 10	15 14		n.a.
T 11	22 57	25 49	3 7	19 34	3 54	18 3	0 56	0 52	1 48	16 11	0 48	16 41	1 52	6 37	0 45	19 8	0 40	25 22	1 41	22 12	22 9	15 17		n.a.
F 12	23 3	24 17	4 4	19 21	4 5	18 23	0 54	1 9	1 48	16 10	0 48	16 40	1 52	6 37	0 45	19 7	0 40	25 23	1 41	22 12	22 9	15 20		n.a.
S 13	23 8	21 21	4 45	19 9	4 14	18 43	0 51	1 25	1 48	16 9	0 47	16 40	1 52	6 36	0 45	19 7	0 40	25 23	1 41	22 12	22 9	15 22		n.a.
S 14	23 13	17 23	5 9	18 58	4 22	19 2	0 49	1 42	1 48	16 7	0 47	16 39	1 51	6 36	0 45	19 6	0 40	25 23	1 41	22 12	22 8	15 25		n.a.
M15	23 18	12 43	5 17	18 49	4 29	19 20	0 47	1 58	1 48	16 6	0 47	16 38	1 51	6 36	0 45	19 6	0 40	25 23	1 41	22 12	22 8	15 28		n.a.
T 16	23 22	7 38	5 9	18 41	4 34	19 38	0 44	2 14	1 48	16 5	0 47	16 37	1 51	6 35	0 45	19 6	0 40	25 23	1 41	22 12	22 7	15 30		n.a.
W17	23 26	2 23	4 48	18 34	4 37	19 56	0 42	2 31	1 48	16 3	0 47	16 36	1 51	6 35	0 45	19 5	0 40	25 23	1 42	22 12	22 7	15 33		n.a.
T 18	23 30	2s51	4 14	18 29	4 39	20 13	0 39	2 47	1 48	16 2	0 46	16 36	1 51	6 34	0 45	19 5	0 40	25 23	1 42	22 12	22 6	15 36		n.a.
F 19	23 33	7 57	3 29	18 26	4 39	20 30	0 37	3 3	1 47	16 1	0 46	16 35	1 51	6 34	0 45	19 4	0 40	25 23	1 42	22 12	22 6	15 38		n.a.
S 20	23 35	12 44	2 36	18 25	4 38	20 46	0 34	3 19	1 47	16 0	0 46	16 34	1 50	6 33	0 45	19 4	0 40	25 23	1 42	22 12	22 5	15 41		n.a.
S 21	23 37	17 4	1 36	18 25	4 35	21 1	0 32	3 35	1 47	15 59	0 46	16 34	1 50	6 33	0 45	19 3	0 40	25 23	1 42	22 12	22 5	15 44		n.a.
M22	23 39	20 44	0 32	18 27	4 30	21 16	0 29	3 51	1 47	15 58	0 45	16 33	1 50	6 32	0 44	19 3	0 39	25 23	1 42	22 12	22 4	15 46		n.a.
T 23	23 40	23 34	0s34	18 31	4 24	21 31	0 27	4 6	1 47	15 57	0 45	16 32	1 50	6 31	0 44	19 2	0 39	25 23	1 42	22 12	22 4	15 49		n.a.
W24	23 41	25 21	1 40	18 37	4 17	21 45	0 24	4 22	1 47	15 56	0 45	16 32	1 50	6 31	0 44	19 2	0 39	25 23	1 42	22 12	22 3	15 51		n.a.
T 25	23 42	25 56	2 41	18 45	4 9	21 58	0 22	4 38	1 47	15 55	0 45	16 31	1 49	6 30	0 44	19 1	0 39	25 24	1 42	22 12	22 3	15 54		n.a.
F 26	23 42	25 14	3 36	18 54	3 59	22 10	0 19	4 53	1 47	15 54	0 45	16 30	1 49	6 30	0 44	19 1	0 39	25 24	1 42	22 12	22 2	15 57		n.a.
S 27	23 42	23 14	4 21	19 6	3 48	22 22	0 17	5 9	1 47	15 53	0 44	16 30	1 49	6 29	0 44	19 1	0 39	25 24	1 42	22 11	22 2	15 59		n.a.
S 28	23 41	20 2	4 53	19 18	3 37	22 34	0 14	5 24	1 47	15 53	0 44	16 29	1 49	6 28	0 44	19 0	0 39	25 24	1 42	22 11	22 1	16 2		n.a.
M29	23 40	15 47	5 11	19 32	3 25	22 44	0 12	5 39	1 46	15 52	0 44	16 29	1 49	6 27	0 44	19 0	0 39	25 24	1 42	22 10	22 1	16 5		n.a.
T 30	23n38	10s42	5s13	19n47	3s12	22n54	0s 9	5n54	1s46	15s51	0n44	16s28	1n49	6n27	0n44	18n59	0n39	25n24	1n42	22n10	22n 0	16s 7		n.a.

Julian Day Number = 1704772.5, Delta T = 03h03m44s
Ecliptic obliquity = 23°42'05, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°41'33, Lahiri = - 4°34'33 Julian Calendar 1 June 46 BCE == Greg. Calendar 30 May 046 BCE

The year -45 astronomical counting style corresponds to year 046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 46 BCE
geocentric

JULY 46 BCE (-45) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 23 44	5♋ 0'43	28♓48	16♊35	18♊13	19♈43	15°R 5	21°R 0	15♍33	8♎29	28♊39	9°D48	8♊42	19♏30	n.a.	W 1
T 2	18 27 41	5°58'04	12♈42	17°10	19°26	20°22	15♏ 2	20♏58	15°35	8°31	28°41	9♊48	8°39	19°36	n.a.	T 2
F 3	18 31 38	6°55'25	26°51	17°51	20°40	21° 0	15° 0	20°55	15°37	8°33	28°43	9°49	8°36	19°43	n.a.	F 3
S 4	18 35 34	7°52'48	11♉15	18°38	21°53	21°39	14°58	20°53	15°38	8°35	28°44	9°50	8°33	19°50	n.a.	S 4
S 5	18 39 31	8°50'13	25°50	19°31	23° 7	22°18	14°56	20°51	15°40	8°37	28°46	9°52	8°30	19°56	n.a.	S 5
M 6	18 43 27	9°47'38	10♊32	20°30	24°20	22°56	14°54	20°49	15°42	8°39	28°48	9°R52	8°27	20° 3	n.a.	M 6
T 7	18 47 24	10°45'05	25°15	21°35	25°34	23°34	14°52	20°47	15°45	8°41	28°49	9°51	8°23	20° 9	n.a.	T 7
W 8	18 51 20	11°42'33	9♋52	22°45	26°47	24°13	14°51	20°45	15°47	8°43	28°51	9°49	8°20	20°16	n.a.	W 8
T 9	18 55 17	12°40'03	24°17	24° 1	28° 1	24°50	14°50	20°43	15°49	8°45	28°52	9°45	8°17	20°23	n.a.	T 9
F 10	18 59 13	13°37'33	8♌24	25°22	29°14	25°28	14°49	20°41	15°51	8°47	28°54	9°40	8°14	20°29	n.a.	F 10
S 11	19 3 10	14°35'04	22° 9	26°48	0♋28	26° 6	14°48	20°39	15°53	8°49	28°56	9°35	8°11	20°36	n.a.	S 11
S 12	19 7 7	15°32'37	5♍30	28°18	1°42	26°43	14°47	20°38	15°56	8°51	28°57	9°30	8° 7	20°43	n.a.	S 12
M13	19 11 3	16°30'10	18°26	29°53	2°56	27°21	14°47	20°36	15°58	8°53	28°59	9°26	8° 4	20°49	n.a.	M13
T 14	19 15 0	17°27'44	1♎ 1	1♋33	4° 9	27°58	14°46	20°35	16° 0	8°55	29° 0	9°23	8° 1	20°56	n.a.	T 14
W15	19 18 56	18°25'20	13°17	3°16	5°23	28°35	14°D46	20°33	16° 3	8°57	29° 2	9°D21	7°58	21° 3	n.a.	W15
T 16	19 22 53	19°22'56	25°19	5° 2	6°37	29°11	14°46	20°32	16° 5	8°59	29° 3	9°21	7°55	21° 9	n.a.	T 16
F 17	19 26 49	20°20'34	7♏12	6°52	7°51	29°48	14°46	20°31	16° 8	9° 1	29° 5	9°22	7°52	21°16	n.a.	F 17
S 18	19 30 46	21°18'12	19° 0	8°44	9° 5	0♉24	14°47	20°30	16°10	9° 4	29° 7	9°24	7°48	21°23	n.a.	S 18
S 19	19 34 42	22°15'52	0♐50	10°39	10°18	1° 1	14°47	20°29	16°13	9° 6	29° 8	9°25	7°45	21°29	n.a.	S 19
M20	19 38 39	23°13'33	12°45	12°36	11°32	1°37	14°48	20°28	16°15	9° 8	29°10	9°R25	7°42	21°36	n.a.	M20
T 21	19 42 36	24°11'16	24°49	14°34	12°46	2°13	14°49	20°27	16°18	9°10	29°11	9°24	7°39	21°43	n.a.	T 21
W22	19 46 32	25° 9'00	7♑ 5	16°33	14° 0	2°48	14°50	20°26	16°21	9°12	29°13	9°21	7°36	21°49	n.a.	W22
T 23	19 50 29	26° 6'45	19°36	18°33	15°14	3°24	14°52	20°26	16°23	9°14	29°14	9°16	7°33	21°56	n.a.	T 23
F 24	19 54 25	27° 4'32	2♒21	20°33	16°28	3°59	14°53	20°25	16°26	9°17	29°16	9° 9	7°29	22° 3	n.a.	F 24
S 25	19 58 22	28° 2'20	15°22	22°34	17°42	4°34	14°55	20°25	16°29	9°19	29°17	9° 0	7°26	22° 9	n.a.	S 25
S 26	20 2 18	29° 0'10	28°36	24°34	18°57	5° 9	14°57	20°25	16°32	9°21	29°19	8°52	7°23	22°16	n.a.	S 26
M27	20 6 15	29°58'02	12♓ 4	26°34	20°11	5°44	14°59	20°24	16°34	9°23	29°20	8°44	7°20	22°23	n.a.	M27
T 28	20 10 11	0♌55'55	25°42	28°34	21°25	6°18	15° 1	20°24	16°37	9°25	29°21	8°38	7°17	22°29	n.a.	T 28
W29	20 14 8	1°53'51	9♈31	0♌33	22°39	6°53	15° 3	20°D24	16°40	9°28	29°23	8°33	7°13	22°36	n.a.	W29
T 30	20 18 5	2°51'48	23°27	2°31	23°53	7°27	15° 6	20°24	16°43	9°30	29°24	8°31	7°10	22°42	n.a.	T 30
F 31	20 22 1	3♌49'47	7♉31	4♌28	25♋ 8	8♉ 0	15♏ 9	20♏24	16♍46	9♌32	29♊26	8°D31	7♊ 7	22♏49	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	23n36	5s 1	4s57	20n 4	2s58	23n 4	0s 7	6n 9	1s46	15s51	0n43	16s28	1n48	6n26	0n44	18n59	0n39	25n24	1n42	22n10	22n 0	16s10		n.a.	W 1
T 2	23 34	1n 1	4 24	20 21	2 44	23 12	0 4	6 24	1 46	15 50	0 43	16 27	1 48	6 25	0 44	18 58	0 39	25 24	1 43	22 10	21 59	16 12		n.a.	T 2
F 3	23 31	7 8	3 35	20 39	2 30	23 20	0 2	6 39	1 46	15 50	0 43	16 27	1 48	6 25	0 44	18 57	0 39	25 24	1 43	22 10	21 59	16 15		n.a.	F 3
S 4	23 28	12 59	2 31	20 58	2 15	23 28	0n 1	6 54	1 45	15 49	0 43	16 26	1 48	6 24	0 44	18 57	0 39	25 24	1 43	22 10	21 58	16 18		n.a.	S 4
S 5	23 24	18 11	1 16	21 17	2 0	23 35	0 3	7 9	1 45	15 49	0 42	16 26	1 48	6 23	0 44	18 56	0 39	25 24	1 43	22 10	21 58	16 20		n.a.	S 5
M 6	23 20	22 20	0n 4	21 37	1 45	23 41	0 6	7 23	1 45	15 49	0 42	16 26	1 47	6 22	0 44	18 56	0 39	25 25	1 43	22 10	21 57	16 23		n.a.	M 6
T 7	23 16	25 0	1 23	21 56	1 30	23 46	0 8	7 38	1 45	15 49	0 42	16 25	1 47	6 21	0 44	18 55	0 39	25 25	1 43	22 10	21 57	16 25		n.a.	T 7
W 8	23 11	25 56	2 37	22 15	1 15	23 51	0 11	7 52	1 44	15 48	0 42	16 25	1 47	6 20	0 44	18 55	0 39	25 25	1 43	22 10	21 56	16 28		n.a.	W 8
T 9	23 5	25 5	3 39	22 33	1 1	23 54	0 13	8 7	1 44	15 48	0 41	16 25	1 47	6 20	0 44	18 54	0 39	25 25	1 43	22 9	21 56	16 31		n.a.	T 9
F 10	23 0	22 39	4 27	22 51	0 46	23 58	0 16	8 21	1 44	15 48	0 41	16 24	1 46	6 19	0 44	18 54	0 39	25 25	1 43	22 9	21 55	16 33		n.a.	F 10
S 11	22 54	18 57	4 57	23 8	0 32	24 0	0 18	8 35	1 44	15 48	0 41	16 24	1 46	6 18	0 44	18 53	0 39	25 25	1 43	22 8	21 55	16 36		n.a.	S 11
S 12	22 47	14 24	5 11	23 23	0 18	24 2	0 21	8 49	1 43	15 48	0 41	16 24	1 46	6 17	0 44	18 53	0 39	25 25	1 43	22 7	21 54	16 38		n.a.	S 12
M13	22 40	9 20	5 8	23 37	0 5	24 3	0 23	9 2	1 43	15 48	0 40	16 24	1 46	6 16	0 44	18 52	0 39	25 25	1 43	22 6	21 54	16 41		n.a.	M13
T 14	22 33	4 1	4 50	23 49	0n 8	24 3	0 25	9 16	1 43	15 48	0 40	16 24	1 46	6 15	0 44	18 52	0 39	25 25	1 43	22 6	21 53	16 43		n.a.	T 14
W15	22 25	1s20	4 19	23 59	0 20	24 3	0 28	9 30	1 42	15 48	0 40	16 23	1 45	6 14	0 44	18 51	0 40	25 25	1 43	22 6	21 53	16 46		n.a.	W15
T 16	22 17	6 32	3 37	24 7	0 31	24 2	0 30	9 43	1 42	15 49	0 40	16 23	1 45	6 13	0 44	18 50	0 40	25 25	1 44	22 6	21 52	16 49		n.a.	T 16
F 17	22 9	11 27	2 46	24 13	0 42	24 0	0 32	9 57	1 41	15 49	0 40	16 23	1 45	6 12	0 44	18 50	0 40	25 26	1 44	22 6	21 52	16 51		n.a.	F 17
S 18	22 0	15 55	1 49	24 16	0 52	23 57	0 34	10 10	1 41	15 49	0 39	16 23	1 45	6 11	0 43	18 49	0 40	25 26	1 44	22 6	21 51	16 54		n.a.	S 18
S 19	21 50	19 47	0 47	24 17	1 1	23 54	0 37	10 23	1 41	15 50	0 39	16 23	1 45	6 10	0 43	18 49	0 40	25 26	1 44	22 6	21 51	16 56		n.a.	S 19
M20	21 41	22 52	0s18	24 15	1 9	23 50	0 39	10 36	1 40	15 50	0 39	16 23	1 44	6 9	0 43	18 48	0 40	25 26	1 44	22 6	21 50	16 59		n.a.	M20
T 21	21 31	24 58	1 22	24 10	1 17	23 45	0 41	10 49	1 40	15 51	0 39	16 23	1 44	6 8	0 43	18 48	0 40	25 26	1 44	22 6	21 49	17 1		n.a.	T 21
W22	21 20	25 54	2 24	24 2	1 23	23 40	0 43	11 1	1 39	15 51	0 38	16 23	1 44	6 7	0 43	18 47	0 40	25 26	1 44	22 6	21 49	17 4		n.a.	W22
T 23	21 9	25 33	3 20	23 52	1 29	23 34	0 45	11 14	1 39	15 52	0 38	16 23	1 44	6 6	0 43	18 46	0 40	25 26	1 44	22 5	21 48	17 7		n.a.	T 23
F 24	20 58	23 51	4 6	23 39	1 34	23 27	0 47	11 26	1 39	15 53	0 38	16 23	1 43	6 4	0 43	18 46	0 40	25 26	1 44	22 4	21 48	17 9		n.a.	F 24
S 25	20 47	20 53	4 41	23 24	1 38	23 19	0 49	11 39	1 38	15 53	0 38	16 23	1 43	6 3	0 43	18 45	0 40	25 26	1 44	22 3	21 47	17 12		n.a.	S 25
S 26	20 35	16 47	5 2	23 6	1 41	23 11	0 51	11 51	1 38	15 54	0 37	16 24	1 43	6 2	0 43	18 45	0 40	25 26	1 44	22 1	21 47	17 14		n.a.	S 26
M27	20 23	11 49	5 6	22 46	1 44	23 2	0 53	12 3	1 37	15 55	0 37	16 24	1 43	6 1	0 43	18 44	0 40	25 26	1 44	22 0	21 46	17 17		n.a.	M27
T 28	20 10	6 12	4 53	22 24	1 46	22 52	0 55	12 15	1 37	15 56	0 37	16 24	1 42	6 0	0 43	18 44	0 40	25 27	1 45	21 59	21 46	17 19		n.a.	T 28
W29	19 57	0 13	4 23	21 59	1 47	22 42	0 56	12 27	1 36	15 57	0 37	16 24	1 42	5 59	0 43	18 43	0 40	25 27	1 45	21 58	21 45	17 22		n.a.	W29
T 30	19 44	5n50	3 38	21 33	1 47	22 31	0 58	12 39	1 35	15 58	0 36	16 24	1 42	5 57	0 43	18 42	0 40	25 27	1 45	21 58	21 45	17 24		n.a.	T 30
F 31	19n30	11n40	2s38	21n 5	1n47	22n19	1n 0	12n50	1s35	15s59	0n36	16s25	1n42	5n56	0n43	18n42	0n40	25n27	1n45	21n58	21n44	17s27		n.a.	F 31

Julian Day Number = 1704802.5, Delta T = 03h03m44s
Ecliptic obliquity = 23°42'05, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°41'29, Lahiri = - 4°34'29 Julian Calendar 1 July 46 BCE == Greg. Calendar 29 June 046 BCE

The year -45 astronomical counting style corresponds to year 046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 46 BCE
geocentric

AUGUST 46 BCE (-45) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 25 58	4♌47'49	21♉41	6♌25	26♋22	8♉34	15♏12	20♏25	16♍49	9♌34	29♊27	8♊32	7♊ 4	22♏56	n.a.	S 1
S 2	20 29 54	5°45'52	5♊56	8°20	27°36	9° 7	15°15	20°25	16°52	9°36	29°28	8°R32	7° 1	23° 2	n.a.	S 2
M 3	20 33 51	6°43'58	20°14	10°14	28°51	9°41	15°18	20°25	16°55	9°39	29°30	8°32	6°58	23° 9	n.a.	M 3
T 4	20 37 47	7°42'05	4♋32	12° 7	0♌ 5	10°13	15°22	20°26	16°59	9°41	29°31	8°29	6°54	23°16	n.a.	T 4
W 5	20 41 44	8°40'15	18°46	13°59	1°19	10°46	15°25	20°27	17° 2	9°43	29°32	8°24	6°51	23°22	n.a.	W 5
T 6	20 45 40	9°38'26	2♌51	15°50	2°34	11°18	15°29	20°27	17° 5	9°45	29°34	8°17	6°48	23°29	n.a.	T 6
F 7	20 49 37	10°36'40	16°43	17°39	3°48	11°51	15°33	20°28	17° 8	9°48	29°35	8° 7	6°45	23°36	n.a.	F 7
S 8	20 53 34	11°34'55	0♍18	19°27	5° 3	12°22	15°38	20°29	17°11	9°50	29°36	7°56	6°42	23°42	n.a.	S 8
S 9	20 57 30	12°33'12	13°33	21°15	6°17	12°54	15°42	20°30	17°15	9°52	29°38	7°46	6°39	23°49	n.a.	S 9
M10	21 1 27	13°31'30	26°26	23° 0	7°32	13°25	15°46	20°31	17°18	9°54	29°39	7°36	6°35	23°56	n.a.	M10
T 11	21 5 23	14°29'50	8♎59	24°45	8°47	13°56	15°51	20°32	17°21	9°57	29°40	7°29	6°32	24° 2	n.a.	T 11
W12	21 9 20	15°28'12	21°15	26°29	10° 1	14°27	15°56	20°34	17°24	9°59	29°41	7°24	6°29	24° 9	n.a.	W12
T 13	21 13 16	16°26'36	3♏16	28°11	11°16	14°58	16° 1	20°35	17°28	10° 1	29°43	7°21	6°26	24°16	n.a.	T 13
F 14	21 17 13	17°25'01	15° 9	29°52	12°30	15°28	16° 6	20°37	17°31	10° 3	29°44	7°D20	6°23	24°22	n.a.	F 14
S 15	21 21 9	18°23'28	26°57	1♍33	13°45	15°58	16°12	20°38	17°35	10° 5	29°45	7°20	6°19	24°29	n.a.	S 15
S 16	21 25 6	19°21'57	8♐47	3°12	15° 0	16°27	16°17	20°40	17°38	10° 8	29°46	7°R21	6°16	24°36	n.a.	S 16
M17	21 29 3	20°20'28	20°44	4°50	16°15	16°57	16°23	20°42	17°42	10°10	29°47	7°20	6°13	24°42	n.a.	M17
T 18	21 32 59	21°19'00	2♑53	6°27	17°29	17°25	16°29	20°44	17°45	10°12	29°48	7°17	6°10	24°49	n.a.	T 18
W19	21 36 56	22°17'34	15°18	8° 2	18°44	17°54	16°35	20°46	17°48	10°14	29°49	7°12	6° 7	24°55	n.a.	W19
T 20	21 40 52	23°16'10	28° 1	9°37	19°59	18°22	16°41	20°48	17°52	10°16	29°50	7° 4	6° 4	25° 2	n.a.	T 20
F 21	21 44 49	24°14'48	11♒ 4	11°11	21°14	18°50	16°47	20°50	17°56	10°19	29°52	6°54	6° 0	25° 9	n.a.	F 21
S 22	21 48 45	25°13'28	24°26	12°44	22°28	19°18	16°53	20°52	17°59	10°21	29°53	6°42	5°57	25°15	n.a.	S 22
S 23	21 52 42	26°12'10	8♓ 5	14°15	23°43	19°45	17° 0	20°55	18° 3	10°23	29°54	6°30	5°54	25°22	n.a.	S 23
M24	21 56 38	27°10'54	21°59	15°46	24°58	20°12	17° 7	20°57	18° 6	10°25	29°55	6°18	5°51	25°29	n.a.	M24
T 25	22 0 35	28° 9'40	6♈ 2	17°16	26°13	20°39	17°14	20°59	18°10	10°27	29°56	6° 9	5°48	25°35	n.a.	T 25
W26	22 4 31	29° 8'29	20°11	18°44	27°28	21° 5	17°21	21° 2	18°13	10°29	29°57	6° 2	5°44	25°42	n.a.	W26
T 27	22 8 28	0♍ 7'20	4♉21	20°12	28°43	21°31	17°28	21° 5	18°17	10°32	29°57	5°58	5°41	25°49	n.a.	T 27
F 28	22 12 25	1° 6'13	18°31	21°39	29°58	21°57	17°35	21° 8	18°21	10°34	29°58	5°56	5°38	25°55	n.a.	F 28
S 29	22 16 21	2° 5'09	2♊38	23° 4	1♍13	22°22	17°43	21°10	18°24	10°36	29°59	5°56	5°35	26° 2	n.a.	S 29
S 30	22 20 18	3° 4'07	16°41	24°29	2°28	22°46	17°50	21°13	18°28	10°38	0♋ 0	5°56	5°32	26° 9	n.a.	S 30
M31	22 24 14	4♍ 3'08	0♋41	25♍52	3♍43	23♉11	17♏58	21♏16	18♍32	10♌40	0♋ 1	5♊54	5♊29	26♏15	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n16	16n57	1s29	20n35	1n46	22n 7	1n 2	13n 2	1s34	16s 0	0n36	16s25	1n42	5n55	0n43	18n41	0n40	25n27	1n45	21n58	21n44	17s29		n.a.
S 2	19 2	21 18	0 14	20 4	1 45	21 54	1 3	13 13	1 34	16 1	0 36	16 25	1 41	5 54	0 43	18 41	0 40	25 27	1 45	21 58	21 43	17 32		n.a.
M 3	18 48	24 22	1n 2	19 31	1 43	21 40	1 5	13 24	1 33	16 2	0 36	16 26	1 41	5 53	0 43	18 40	0 40	25 27	1 45	21 58	21 43	17 34		n.a.
T 4	18 33	25 52	2 14	18 57	1 40	21 26	1 6	13 35	1 33	16 3	0 35	16 26	1 41	5 51	0 43	18 39	0 40	25 27	1 45	21 58	21 42	17 37		n.a.
W 5	18 17	25 38	3 18	18 22	1 37	21 11	1 8	13 46	1 32	16 5	0 35	16 26	1 41	5 50	0 43	18 39	0 40	25 27	1 45	21 57	21 42	17 39		n.a.
T 6	18 2	23 45	4 8	17 46	1 34	20 55	1 9	13 57	1 31	16 6	0 35	16 27	1 40	5 49	0 43	18 38	0 40	25 27	1 45	21 56	21 41	17 42		n.a.
F 7	17 46	20 29	4 43	17 9	1 30	20 39	1 10	14 7	1 31	16 8	0 35	16 27	1 40	5 48	0 43	18 38	0 40	25 28	1 45	21 54	21 40	17 44		n.a.
S 8	17 30	16 10	5 1	16 31	1 26	20 22	1 12	14 18	1 30	16 9	0 34	16 28	1 40	5 46	0 43	18 37	0 40	25 28	1 46	21 52	21 40	17 47		n.a.
S 9	17 13	11 10	5 2	15 52	1 22	20 5	1 13	14 28	1 29	16 10	0 34	16 28	1 40	5 45	0 43	18 36	0 40	25 28	1 46	21 51	21 39	17 49		n.a.
M10	16 57	5 49	4 47	15 12	1 17	19 47	1 14	14 38	1 29	16 12	0 34	16 29	1 40	5 44	0 43	18 36	0 40	25 28	1 46	21 49	21 39	17 52		n.a.
T 11	16 40	0 22	4 19	14 32	1 12	19 28	1 15	14 48	1 28	16 14	0 34	16 29	1 39	5 42	0 43	18 35	0 40	25 28	1 46	21 48	21 38	17 54		n.a.
W12	16 22	4s59	3 40	13 52	1 6	19 9	1 16	14 58	1 27	16 15	0 34	16 30	1 39	5 41	0 43	18 35	0 40	25 28	1 46	21 47	21 38	17 57		n.a.
T 13	16 5	10 4	2 51	13 11	1 1	18 49	1 17	15 8	1 26	16 17	0 33	16 30	1 39	5 40	0 43	18 34	0 40	25 28	1 46	21 47	21 37	17 59		n.a.
F 14	15 47	14 43	1 55	12 29	0 55	18 29	1 18	15 17	1 26	16 19	0 33	16 31	1 39	5 38	0 43	18 33	0 40	25 28	1 46	21 46	21 37	18 2		n.a.
S 15	15 29	18 48	0 55	11 48	0 48	18 8	1 19	15 27	1 25	16 20	0 33	16 32	1 38	5 37	0 43	18 33	0 40	25 28	1 46	21 46	21 36	18 4		n.a.
S 16	15 11	22 8	0s 8	11 6	0 42	17 47	1 20	15 36	1 24	16 22	0 33	16 32	1 38	5 36	0 43	18 32	0 40	25 28	1 46	21 46	21 36	18 7		n.a.
M17	14 52	24 33	1 11	10 24	0 36	17 25	1 21	15 45	1 23	16 24	0 32	16 33	1 38	5 34	0 43	18 32	0 40	25 29	1 46	21 46	21 35	18 9		n.a.
T 18	14 33	25 51	2 11	9 41	0 29	17 3	1 21	15 54	1 22	16 26	0 32	16 34	1 38	5 33	0 43	18 31	0 40	25 29	1 47	21 46	21 34	18 12		n.a.
W19	14 14	25 54	3 7	8 59	0 22	16 40	1 22	16 3	1 21	16 28	0 32	16 34	1 37	5 31	0 43	18 31	0 40	25 29	1 47	21 45	21 34	18 14		n.a.
T 20	13 55	24 37	3 55	8 17	0 15	16 17	1 22	16 12	1 21	16 30	0 32	16 35	1 37	5 30	0 43	18 30	0 40	25 29	1 47	21 44	21 33	18 17		n.a.
F 21	13 35	21 59	4 31	7 34	0 8	15 53	1 23	16 20	1 20	16 32	0 32	16 36	1 37	5 29	0 43	18 29	0 40	25 29	1 47	21 42	21 33	18 19		n.a.
S 22	13 15	18 8	4 54	6 52	0 0	15 29	1 23	16 29	1 19	16 34	0 31	16 37	1 37	5 27	0 43	18 29	0 40	25 29	1 47	21 40	21 32	18 22		n.a.
S 23	12 55	13 16	5 1	6 9	0s 7	15 5	1 24	16 37	1 18	16 36	0 31	16 38	1 37	5 26	0 43	18 28	0 40	25 29	1 47	21 38	21 32	18 24		n.a.
M24	12 35	7 38	4 50	5 27	0 14	14 40	1 24	16 45	1 17	16 38	0 31	16 38	1 36	5 24	0 43	18 28	0 40	25 29	1 47	21 36	21 31	18 26		n.a.
T 25	12 15	1 34	4 21	4 45	0 22	14 14	1 24	16 53	1 16	16 40	0 31	16 39	1 36	5 23	0 43	18 27	0 40	25 29	1 47	21 34	21 30	18 29		n.a.
W26	11 54	4n38	3 37	4 3	0 29	13 48	1 24	17 1	1 15	16 42	0 31	16 40	1 36	5 21	0 43	18 26	0 40	25 30	1 47	21 33	21 30	18 31		n.a.
T 27	11 33	10 37	2 39	3 21	0 37	13 22	1 25	17 9	1 14	16 45	0 30	16 41	1 36	5 20	0 42	18 26	0 40	25 30	1 48	21 32	21 29	18 34		n.a.
F 28	11 12	16 4	1 31	2 40	0 45	12 56	1 25	17 17	1 13	16 47	0 30	16 42	1 36	5 18	0 42	18 25	0 40	25 30	1 48	21 32	21 29	18 36		n.a.
S 29	10 51	20 38	0 17	1 59	0 52	12 29	1 25	17 24	1 12	16 49	0 30	16 43	1 35	5 17	0 42	18 25	0 40	25 30	1 48	21 32	21 28	18 39		n.a.
S 30	10 29	23 58	0n57	1 18	1 0	12 1	1 25	17 32	1 11	16 51	0 30	16 44	1 35	5 16	0 42	18 24	0 40	25 30	1 48	21 32	21 28	18 41		n.a.
M31	10n 8	25n49	2n 7	0n38	1s 8	11n34	1n24	17n39	1s10	16s54	0n30	16s45	1n35	5n14	0n42	18n24	0n40	25n30	1n48	21n32	21n27	18s43		n.a.

Julian Day Number = 1704833.5, Delta T = 03h03m43s
Ecliptic obliquity = 23°42'05, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°41'25, Lahiri = - 4°34'25 Julian Calendar 1 Aug. 46 BCE == Greg. Calendar 30 July 046 BCE

The year -45 astronomical counting style corresponds to year 046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 46 BCE
geocentric

SEPTEMBER 46 BCE (-45) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 28 11	5♍ 2'11	14♋36	27♍14	4♍58	23♉34	18♏ 6	21♏20	18♍35	10♎42	0♋ 2	5°R51	5♊25	26♏22	n.a.	T 1
W 2	22 32 7	6° 1'17	28°25	28°35	6°13	23°58	18°14	21°23	18°39	10°44	0° 3	5♊44	5°22	26°29	n.a.	W 2
T 3	22 36 4	7° 0'24	12♎ 5	29°55	7°28	24°21	18°22	21°26	18°43	10°46	0° 3	5°35	5°19	26°35	n.a.	T 3
F 4	22 40 0	7°59'34	25°34	1♏14	8°43	24°43	18°30	21°30	18°47	10°48	0° 4	5°23	5°16	26°42	n.a.	F 4
S 5	22 43 57	8°58'46	8♍49	2°31	9°58	25° 5	18°39	21°33	18°50	10°50	0° 5	5°10	5°13	26°48	n.a.	S 5
S 6	22 47 54	9°58'01	21°49	3°47	11°13	25°27	18°47	21°37	18°54	10°52	0° 6	4°57	5°10	26°55	n.a.	S 6
M 7	22 51 50	10°57'17	4♏32	5° 2	12°28	25°48	18°56	21°40	18°58	10°54	0° 6	4°45	5° 6	27° 2	n.a.	M 7
T 8	22 55 47	11°56'35	16°59	6°14	13°43	26° 9	19° 5	21°44	19° 2	10°56	0° 7	4°35	5° 3	27° 8	n.a.	T 8
W 9	22 59 43	12°55'56	29°10	7°26	14°58	26°29	19°14	21°48	19° 5	10°58	0° 8	4°28	5° 0	27°15	n.a.	W 9
T 10	23 3 40	13°55'18	11♏ 9	8°35	16°13	26°48	19°23	21°52	19° 9	11° 0	0° 8	4°23	4°57	27°22	n.a.	T 10
F 11	23 7 36	14°54'42	23° 0	9°42	17°28	27° 7	19°32	21°56	19°13	11° 2	0° 9	4°21	4°54	27°28	n.a.	F 11
S 12	23 11 33	15°54'08	4♐48	10°48	18°43	27°26	19°41	22° 0	19°17	11° 4	0° 9	4°D21	4°50	27°35	n.a.	S 12
S 13	23 15 29	16°53'37	16°37	11°51	19°59	27°44	19°50	22° 4	19°21	11° 6	0°10	4°R21	4°47	27°42	n.a.	S 13
M14	23 19 26	17°53'07	28°33	12°51	21°14	28° 1	20° 0	22° 8	19°24	11° 8	0°11	4°21	4°44	27°48	n.a.	M14
T 15	23 23 23	18°52'38	10♑42	13°49	22°29	28°18	20°10	22°12	19°28	11°10	0°11	4°18	4°41	27°55	n.a.	T 15
W16	23 27 19	19°52'12	23° 9	14°44	23°44	28°35	20°19	22°17	19°32	11°11	0°12	4°14	4°38	28° 2	n.a.	W16
T 17	23 31 16	20°51'48	5♒58	15°36	24°59	28°50	20°29	22°21	19°36	11°13	0°12	4° 7	4°35	28° 8	n.a.	T 17
F 18	23 35 12	21°51'25	19°11	16°24	26°14	29° 6	20°39	22°26	19°39	11°15	0°12	3°58	4°31	28°15	n.a.	F 18
S 19	23 39 9	22°51'05	2♓48	17° 8	27°30	29°20	20°49	22°30	19°43	11°17	0°13	3°47	4°28	28°22	n.a.	S 19
S 20	23 43 5	23°50'46	16°47	17°48	28°45	29°34	20°59	22°35	19°47	11°19	0°13	3°36	4°25	28°28	n.a.	S 20
M21	23 47 2	24°50'29	1♈ 5	18°23	29°59	29°47	21° 9	22°40	19°51	11°20	0°14	3°25	4°22	28°35	n.a.	M21
T 22	23 50 58	25°50'15	15°35	18°53	1♏15	0♊ 0	21°20	22°44	19°55	11°22	0°14	3°16	4°19	28°41	n.a.	T 22
W23	23 54 55	26°50'03	0♉10	19°17	2°30	0°12	21°30	22°49	19°58	11°24	0°14	3°10	4°16	28°48	n.a.	W23
T 24	23 58 51	27°49'53	14°44	19°35	3°46	0°23	21°41	22°54	20° 2	11°25	0°14	3° 6	4°12	28°55	n.a.	T 24
F 25	0 2 48	28°49'45	29°11	19°46	5° 1	0°34	21°51	22°59	20° 6	11°27	0°15	3°D 5	4° 9	29° 1	n.a.	F 25
S 26	0 6 45	29°49'40	13♊29	19°R49	6°16	0°44	22° 2	23° 4	20°10	11°29	0°15	3° 5	4° 6	29° 8	n.a.	S 26
S 27	0 10 41	0♏49'37	27°35	19°44	7°31	0°53	22°13	23° 9	20°13	11°30	0°15	3°R 5	4° 3	29°15	n.a.	S 27
M28	0 14 38	1°49'36	11♋28	19°31	8°46	1° 2	22°24	23°14	20°17	11°32	0°15	3° 5	4° 0	29°21	n.a.	M28
T 29	0 18 34	2°49'38	25° 9	19° 9	10° 2	1° 9	22°35	23°20	20°21	11°33	0°15	3° 3	3°56	29°28	n.a.	T 29
W30	0 22 31	3♏49'42	8♎38	18♏38	11♏17	1♊17	22♏46	23♏25	20♍25	11♎35	0♋16	2♊58	3♊53	29♏35	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9n46	26n 1	3n 9	0s 2	1s15	11n 6	1n24	17n46	1s 9	16s56	0n29	16s46	1n35	5n13	0n42	18n23	0n40	25n30	1n48	21n31	21n27	18s46		n.a.
W 2	9 24	24 37	4 0	0 42	1 23	10 38	1 24	17 53	1 7	16 59	0 29	16 47	1 34	5 11	0 42	18 23	0 40	25 30	1 48	21 30	21 26	18 48		n.a.
T 3	9 2	21 46	4 36	1 21	1 30	10 9	1 24	18 0	1 6	17 1	0 29	16 48	1 34	5 10	0 42	18 22	0 40	25 30	1 48	21 28	21 25	18 51		n.a.
F 4	8 40	17 46	4 56	1 59	1 38	9 40	1 23	18 6	1 5	17 4	0 29	16 49	1 34	5 8	0 42	18 21	0 40	25 30	1 48	21 26	21 25	18 53		n.a.
S 5	8 17	12 58	5 0	2 37	1 45	9 11	1 23	18 13	1 4	17 6	0 29	16 50	1 34	5 7	0 42	18 21	0 40	25 31	1 48	21 24	21 24	18 55		n.a.
S 6	7 55	7 40	4 47	3 14	1 52	8 42	1 22	18 19	1 3	17 9	0 29	16 52	1 34	5 5	0 42	18 20	0 40	25 31	1 49	21 21	21 24	18 58		n.a.
M 7	7 32	2 10	4 21	3 51	2 0	8 13	1 22	18 25	1 1	17 11	0 28	16 53	1 33	5 4	0 42	18 20	0 40	25 31	1 49	21 19	21 23	19 0		n.a.
T 8	7 9	3s19	3 43	4 26	2 7	7 43	1 21	18 32	1 0	17 14	0 28	16 54	1 33	5 2	0 42	18 19	0 40	25 31	1 49	21 17	21 23	19 3		n.a.
W 9	6 47	8 35	2 55	5 1	2 13	7 13	1 20	18 38	0 59	17 16	0 28	16 55	1 33	5 1	0 42	18 19	0 40	25 31	1 49	21 16	21 22	19 5		n.a.
T 10	6 24	13 27	2 0	5 35	2 20	6 43	1 19	18 43	0 58	17 19	0 28	16 56	1 33	4 59	0 42	18 18	0 40	25 31	1 49	21 15	21 21	19 7		n.a.
F 11	6 0	17 46	1 0	6 8	2 27	6 12	1 19	18 49	0 56	17 22	0 28	16 57	1 33	4 58	0 42	18 18	0 40	25 31	1 49	21 15	21 21	19 10		n.a.
S 12	5 37	21 22	0s 2	6 39	2 33	5 42	1 18	18 55	0 55	17 24	0 27	16 59	1 32	4 56	0 42	18 17	0 40	25 31	1 49	21 15	21 20	19 12		n.a.
S 13	5 14	24 6	1 5	7 10	2 39	5 11	1 17	19 0	0 53	17 27	0 27	17 0	1 32	4 55	0 42	18 17	0 40	25 31	1 49	21 15	21 20	19 14		n.a.
M14	4 50	25 46	2 5	7 39	2 44	4 40	1 16	19 6	0 52	17 30	0 27	17 1	1 32	4 53	0 42	18 16	0 40	25 32	1 49	21 15	21 19	19 17		n.a.
T 15	4 27	26 16	3 0	8 7	2 50	4 9	1 15	19 11	0 51	17 33	0 27	17 2	1 32	4 52	0 42	18 16	0 40	25 32	1 50	21 14	21 18	19 19		n.a.
W16	4 3	25 27	3 49	8 33	2 54	3 38	1 13	19 16	0 49	17 35	0 27	17 4	1 32	4 50	0 42	18 15	0 40	25 32	1 50	21 13	21 18	19 22		n.a.
T 17	3 40	23 17	4 27	8 57	2 59	3 7	1 12	19 21	0 48	17 38	0 27	17 5	1 32	4 49	0 42	18 15	0 40	25 32	1 50	21 12	21 17	19 24		n.a.
F 18	3 16	19 51	4 52	9 19	3 3	2 36	1 11	19 26	0 46	17 41	0 26	17 6	1 31	4 47	0 42	18 14	0 40	25 32	1 50	21 10	21 17	19 26		n.a.
S 19	2 52	15 16	5 2	9 40	3 6	2 4	1 10	19 30	0 44	17 44	0 26	17 8	1 31	4 46	0 42	18 14	0 41	25 32	1 50	21 8	21 16	19 29		n.a.
S 20	2 28	9 47	4 54	9 58	3 9	1 33	1 8	19 35	0 43	17 47	0 26	17 9	1 31	4 44	0 42	18 13	0 41	25 32	1 50	21 6	21 15	19 31		n.a.
M21	2 4	3 39	4 28	10 13	3 11	1 1	1 7	19 39	0 41	17 50	0 26	17 11	1 31	4 43	0 42	18 13	0 41	25 32	1 50	21 4	21 15	19 33		n.a.
T 22	1 40	2n45	3 44	10 26	3 12	0 30	1 5	19 44	0 40	17 53	0 26	17 12	1 31	4 41	0 42	18 12	0 41	25 32	1 50	21 2	21 14	19 36		n.a.
W23	1 16	9 4	2 46	10 36	3 13	0s 2	1 4	19 48	0 38	17 56	0 26	17 13	1 30	4 40	0 42	18 12	0 41	25 33	1 51	21 1	21 14	19 38		n.a.
T 24	0 52	14 54	1 36	10 42	3 12	0 34	1 2	19 52	0 36	17 58	0 25	17 15	1 30	4 38	0 42	18 12	0 41	25 33	1 51	21 0	21 13	19 40		n.a.
F 25	0 28	19 52	0 21	10 44	3 10	1 5	1 1	19 56	0 34	18 1	0 25	17 16	1 30	4 37	0 42	18 11	0 41	25 33	1 51	21 0	21 13	19 43		n.a.
S 26	0 4	23 35	0n55	10 43	3 7	1 37	0 59	20 0	0 33	18 4	0 25	17 18	1 30	4 35	0 42	18 11	0 41	25 33	1 51	21 0	21 12	19 45		n.a.
S 27	0s20	25 48	2 7	10 37	3 3	2 8	0 57	20 4	0 31	18 7	0 25	17 19	1 30	4 34	0 42	18 10	0 41	25 33	1 51	21 0	21 11	19 47		n.a.
M28	0 44	26 21	3 10	10 27	2 57	2 40	0 56	20 7	0 29	18 10	0 25	17 21	1 30	4 32	0 42	18 10	0 41	25 33	1 51	21 0	21 11	19 50		n.a.
T 29	1 8	25 17	4 1	10 11	2 50	3 11	0 54	20 11	0 27	18 13	0 25	17 22	1 29	4 31	0 42	18 9	0 41	25 33	1 51	21 0	21 10	19 52		n.a.
W30	1s32	22n46	4n38	9s51	2s41	3s43	0n52	20n14	0s25	18s16	0n25	17s23	1n29	4n29	0n42	18n 9	0n41	25n33	1n51	20n59	21n10	19s54		n.a.

Julian Day Number = 1704864.5, Delta T = 03h03m42s
Ecliptic obliquity = 23°42'06, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°41'21, Lahiri = - 4°34'20 Julian Calendar 1 Sept. 46 BCE == Greg. Calendar 30 Aug. 046 BCE

The year -45 astronomical counting style corresponds to year 046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 46 BCE
geocentric

OCTOBER 46 BCE (-45) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 26 27	4♎49'48	21♌55	17°R57	12♎32	1♊23	22♏57	23♏30	20♍28	11♌36	0♋16	2°R51	3♊50	29♏41	n.a.	T 1
F 2	0 30 24	5°49'56	5♍ 0	17♎ 8	13°47	1°28	23° 9	23°36	20°32	11°38	0°16	2♊42	3°47	29°48	n.a.	F 2
S 3	0 34 20	6°50'06	17°53	16° 9	15° 3	1°33	23°20	23°41	20°36	11°39	0°16	2°31	3°44	29°55	n.a.	S 3
S 4	0 38 17	7°50'19	0♎34	15° 4	16°18	1°37	23°32	23°47	20°39	11°41	0°R16	2°21	3°41	0♐ 1	n.a.	S 4
M 5	0 42 14	8°50'33	13° 2	13°52	17°33	1°40	23°43	23°52	20°43	11°42	0°16	2°11	3°37	0° 8	n.a.	M 5
T 6	0 46 10	9°50'49	25°17	12°36	18°48	1°42	23°55	23°58	20°47	11°44	0°16	2° 3	3°34	0°14	n.a.	T 6
W 7	0 50 7	10°51'07	7♏21	11°17	20° 4	1°44	24° 6	24° 4	20°50	11°45	0°16	1°58	3°31	0°21	n.a.	W 7
T 8	0 54 3	11°51'26	19°16	9°59	21°19	1°R44	24°18	24° 9	20°54	11°46	0°16	1°54	3°28	0°28	n.a.	T 8
F 9	0 58 0	12°51'48	1♐ 4	8°43	22°34	1°44	24°30	24°15	20°57	11°48	0°16	1°D53	3°25	0°34	n.a.	F 9
S 10	1 1 56	13°52'11	12°50	7°33	23°49	1°43	24°42	24°21	21° 1	11°49	0°15	1°54	3°21	0°41	n.a.	S 10
S 11	1 5 53	14°52'36	24°38	6°30	25° 5	1°41	24°54	24°27	21° 5	11°50	0°15	1°55	3°18	0°48	n.a.	S 11
M12	1 9 49	15°53'02	6♉33	5°36	26°20	1°38	25° 6	24°33	21° 8	11°51	0°15	1°57	3°15	0°54	n.a.	M12
T 13	1 13 46	16°53'29	18°39	4°53	27°35	1°34	25°18	24°39	21°12	11°52	0°15	1°R57	3°12	1° 1	n.a.	T 13
W14	1 17 43	17°53'58	1♒ 3	4°21	28°50	1°30	25°31	24°45	21°15	11°54	0°15	1°56	3° 9	1° 8	n.a.	W14
T 15	1 21 39	18°54'29	13°50	4° 0	0♏ 6	1°24	25°43	24°51	21°19	11°55	0°14	1°53	3° 6	1°14	n.a.	T 15
F 16	1 25 36	19°55'01	27° 1	3°D52	1°21	1°18	25°55	24°57	21°22	11°56	0°14	1°49	3° 2	1°21	n.a.	F 16
S 17	1 29 32	20°55'34	10♓41	3°54	2°36	1°11	26° 8	25° 4	21°26	11°57	0°14	1°43	2°59	1°28	n.a.	S 17
S 18	1 33 29	21°56'09	24°47	4° 8	3°51	1° 3	26°20	25°10	21°29	11°58	0°13	1°36	2°56	1°34	n.a.	S 18
M19	1 37 25	22°56'45	9♈18	4°31	5° 7	0°54	26°33	25°16	21°32	11°59	0°13	1°30	2°53	1°41	n.a.	M19
T 20	1 41 22	23°57'22	24° 6	5° 3	6°22	0°44	26°45	25°22	21°36	12° 0	0°13	1°24	2°50	1°47	n.a.	T 20
W21	1 45 18	24°58'02	9♉ 4	5°43	7°37	0°34	26°58	25°29	21°39	12° 1	0°12	1°21	2°47	1°54	n.a.	W21
T 22	1 49 15	25°58'42	24° 3	6°31	8°52	0°22	27°11	25°35	21°42	12° 2	0°12	1°19	2°43	2° 1	n.a.	T 22
F 23	1 53 12	26°59'25	8♊55	7°25	10° 7	0°10	27°24	25°42	21°46	12° 3	0°11	1°D19	2°40	2° 7	n.a.	F 23
S 24	1 57 8	28° 0'09	23°34	8°25	11°23	29♉57	27°36	25°48	21°49	12° 3	0°11	1°20	2°37	2°14	n.a.	S 24
S 25	2 1 5	29° 0'55	7♋54	9°30	12°38	29°43	27°49	25°55	21°52	12° 4	0°10	1°22	2°34	2°21	n.a.	S 25
M26	2 5 1	0♏ 1'43	21°54	10°39	13°53	29°28	28° 2	26° 1	21°55	12° 5	0°10	1°23	2°31	2°27	n.a.	M26
T 27	2 8 58	1° 2'32	5♌35	11°52	15° 8	29°13	28°15	26° 8	21°58	12° 6	0° 9	1°R23	2°27	2°34	n.a.	T 27
W28	2 12 54	2° 3'23	18°56	13° 7	16°23	28°56	28°28	26°14	22° 2	12° 6	0° 9	1°22	2°24	2°41	n.a.	W28
T 29	2 16 51	3° 4'16	1♍59	14°26	17°38	28°40	28°41	26°21	22° 5	12° 7	0° 8	1°19	2°21	2°47	n.a.	T 29
F 30	2 20 47	4° 5'10	14°47	15°46	18°54	28°22	28°55	26°28	22° 8	12° 8	0° 7	1°16	2°18	2°54	n.a.	F 30
S 31	2 24 44	5♏ 6'05	27♍21	17♎ 9	20♏ 9	28♉ 3	29♏ 8	26♏34	22♍11	12♌ 8	0♋ 7	1♊11	2♊15	3♐ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	1s56	19n 4	4n59	9s25	2s30	4s14	0n50	20n17	0s23	18s19	0n24	17s25	1n29	4n28	0n42	18n 9	0n41	25n34	1n51	20n57	21n 9	19s56			n.a.
F 2	2 20	14 29	5 5	8 54	2 17	4 46	0 48	20 20	0 21	18 22	0 24	17 27	1 29	4 26	0 42	18 8	0 41	25 34	1 52	20 56	21 8	19 59			n.a.
S 3	2 45	9 20	4 54	8 18	2 2	5 17	0 46	20 23	0 19	18 25	0 24	17 28	1 29	4 25	0 42	18 8	0 41	25 34	1 52	20 54	21 8	20 1			n.a.
S 4	3 9	3 53	4 29	7 37	1 46	5 48	0 44	20 26	0 17	18 28	0 24	17 30	1 29	4 23	0 42	18 8	0 41	25 34	1 52	20 51	21 7	20 3			n.a.
M 5	3 33	1s39	3 52	6 53	1 28	6 19	0 42	20 29	0 15	18 31	0 24	17 31	1 28	4 22	0 42	18 7	0 41	25 34	1 52	20 50	21 6	20 6			n.a.
T 6	3 57	7 2	3 4	6 5	1 9	6 50	0 40	20 31	0 13	18 35	0 24	17 33	1 28	4 21	0 42	18 7	0 41	25 34	1 52	20 48	21 6	20 8			n.a.
W 7	4 20	12 6	2 8	5 15	0 49	7 21	0 38	20 34	0 11	18 38	0 23	17 34	1 28	4 19	0 42	18 6	0 41	25 34	1 52	20 47	21 5	20 10			n.a.
T 8	4 44	16 39	1 8	4 25	0 28	7 51	0 36	20 36	0 8	18 41	0 23	17 36	1 28	4 18	0 42	18 6	0 41	25 34	1 52	20 46	21 5	20 12			n.a.
F 9	5 8	20 32	0 4	3 36	0 7	8 21	0 34	20 38	0 6	18 44	0 23	17 37	1 28	4 16	0 42	18 6	0 41	25 34	1 52	20 46	21 4	20 15			n.a.
S 10	5 32	23 34	0s59	2 50	0n13	8 52	0 31	20 40	0 4	18 47	0 23	17 39	1 28	4 15	0 42	18 5	0 41	25 35	1 52	20 46	21 3	20 17			n.a.
S 11	5 55	25 35	2 0	2 7	0 32	9 22	0 29	20 42	0 2	18 50	0 23	17 41	1 28	4 13	0 42	18 5	0 41	25 35	1 53	20 46	21 3	20 19			n.a.
M12	6 19	26 29	2 57	1 28	0 51	9 51	0 27	20 44	0n 1	18 53	0 23	17 42	1 27	4 12	0 42	18 5	0 41	25 35	1 53	20 47	21 2	20 21			n.a.
T 13	6 42	26 7	3 46	0 56	1 8	10 21	0 25	20 45	0 3	18 56	0 23	17 44	1 27	4 11	0 43	18 5	0 41	25 35	1 53	20 47	21 2	20 24			n.a.
W14	7 6	24 28	4 27	0 29	1 23	10 50	0 22	20 47	0 6	18 59	0 22	17 45	1 27	4 9	0 43	18 4	0 41	25 35	1 53	20 47	21 1	20 26			n.a.
T 15	7 29	21 33	4 55	0 9	1 36	11 19	0 20	20 48	0 8	19 2	0 22	17 47	1 27	4 8	0 43	18 4	0 41	25 35	1 53	20 46	21 0	20 28			n.a.
F 16	7 52	17 28	5 9	0n 5	1 47	11 48	0 17	20 49	0 10	19 5	0 22	17 49	1 27	4 7	0 43	18 4	0 41	25 35	1 53	20 45	21 0	20 30			n.a.
S 17	8 15	12 21	5 6	0 13	1 57	12 16	0 15	20 50	0 13	19 8	0 22	17 50	1 27	4 5	0 43	18 3	0 41	25 35	1 53	20 44	20 59	20 33			n.a.
S 18	8 38	6 27	4 45	0 15	2 5	12 44	0 13	20 51	0 16	19 11	0 22	17 52	1 27	4 4	0 43	18 3	0 41	25 35	1 53	20 42	20 58	20 35			n.a.
M19	9 1	0 2	4 6	0 11	2 11	13 12	0 10	20 51	0 18	19 15	0 22	17 54	1 26	4 3	0 43	18 3	0 41	25 36	1 53	20 41	20 58	20 37			n.a.
T 20	9 24	6n31	3 9	0 3	2 16	13 40	0 8	20 52	0 21	19 18	0 22	17 55	1 26	4 1	0 43	18 3	0 41	25 36	1 54	20 40	20 57	20 39			n.a.
W21	9 46	12 48	1 58	0s11	2 19	14 7	0 5	20 52	0 23	19 21	0 22	17 57	1 26	4 0	0 43	18 2	0 41	25 36	1 54	20 39	20 57	20 42			n.a.
T 22	10 8	18 21	0 40	0 28	2 21	14 34	0 3	20 52	0 26	19 24	0 21	17 58	1 26	3 59	0 43	18 2	0 42	25 36	1 54	20 39	20 56	20 44			n.a.
F 23	10 31	22 43	0n41	0 49	2 22	15 0	0 1	20 52	0 29	19 27	0 21	18 0	1 26	3 57	0 43	18 2	0 42	25 36	1 54	20 39	20 55	20 46			n.a.
S 24	10 53	25 31	1 59	1 13	2 21	15 26	0s 2	20 52	0 31	19 30	0 21	18 2	1 26	3 56	0 43	18 2	0 42	25 36	1 54	20 39	20 55	20 48			n.a.
S 25	11 15	26 34	3 7	1 40	2 20	15 52	0 4	20 52	0 34	19 33	0 21	18 3	1 26	3 55	0 43	18 2	0 42	25 36	1 54	20 40	20 54	20 50			n.a.
M26	11 36	25 53	4 2	2 9	2 18	16 17	0 7	20 51	0 37	19 36	0 21	18 5	1 26	3 54	0 43	18 1	0 42	25 36	1 54	20 40	20 53	20 53			n.a.
T 27	11 58	23 38	4 42	2 40	2 15	16 42	0 9	20 51	0 39	19 39	0 21	18 7	1 26	3 52	0 43	18 1	0 42	25 36	1 54	20 40	20 53	20 55			n.a.
W28	12 19	20 9	5 6	3 13	2 12	17 7	0 12	20 50	0 42	19 42	0 21	18 8	1 25	3 51	0 43	18 1	0 42	25 37	1 55	20 40	20 52	20 57			n.a.
T 29	12 40	15 45	5 14	3 47	2 8	17 30	0 14	20 49	0 45	19 45	0 21	18 10	1 25	3 50	0 43	18 1	0 42	25 37	1 55	20 39	20 52	20 59			n.a.
F 30	13 1	10 44	5 5	4 23	2 3	17 54	0 17	20 47	0 48	19 48	0 20	18 12	1 25	3 49	0 43	18 1	0 42	25 37	1 55	20 38	20 51	21 1			n.a.
S 31	13s22	5n22	4n42	4s59	1n58	18s17	0s19	20n46	0n50	19s51	0n20	18s13	1n25	3n47	0n43	18n 1	0n42	25n37	1n55	20n37	20n50	21s 3			n.a.

Julian Day Number = 1704894.5, Delta T = 03h03m41s
Ecliptic obliquity = 23°42'06, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°41'17, Lahiri = - 4°34'16 Julian Calendar 1 Oct. 46 BCE == Greg. Calendar 29 Sept. 046 BCE

The year -45 astronomical counting style corresponds to year 046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 46 BCE
geocentric

NOVEMBER 46 BCE (-45) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 28 41	6♏ 7'02	9♎43	18♎33	21♏24	27°R44	29♏21	26♏41	22♍14	12♌ 9	0°R 6	1°R 7	2♊12	3♐ 7	n.a.	S 1
M 2	2 32 37	7° 8'00	21°55	19°59	22°39	27♉25	29°34	26°48	22°17	12° 9	0♋ 5	1♊ 3	2° 8	3°14	n.a.	M 2
T 3	2 36 34	8° 9'00	3♏58	21°26	23°54	27° 5	29°48	26°54	22°20	12°10	0° 5	0°59	2° 5	3°21	n.a.	T 3
W 4	2 40 30	9°10'00	15°54	22°54	25° 9	26°44	0♐ 1	27° 1	22°23	12°10	0° 4	0°57	2° 2	3°27	n.a.	W 4
T 5	2 44 27	10°11'02	27°44	24°22	26°25	26°22	0°14	27° 8	22°25	12°11	0° 3	0°D56	1°59	3°34	n.a.	T 5
F 6	2 48 23	11°12'04	9♐31	25°52	27°40	26° 1	0°28	27°15	22°28	12°11	0° 2	0°57	1°56	3°40	n.a.	F 6
S 7	2 52 20	12°13'08	21°17	27°21	28°55	25°39	0°41	27°22	22°31	12°12	0° 2	0°58	1°53	3°47	n.a.	S 7
S 8	2 56 16	13°14'12	3♑ 6	28°52	0♐10	25°16	0°55	27°29	22°34	12°12	0° 1	0°59	1°49	3°54	n.a.	S 8
M 9	3 0 13	14°15'18	15° 1	0♏23	1°25	24°53	1° 8	27°36	22°37	12°12	29♊59	1° 1	1°46	4° 0	n.a.	M 9
T 10	3 4 10	15°16'23	27° 7	1°54	2°40	24°30	1°22	27°43	22°39	12°13	29°59	1° 2	1°43	4° 7	n.a.	T 10
W11	3 8 6	16°17'30	9♒28	3°25	3°55	24° 7	1°35	27°49	22°42	12°13	29°58	1° 3	1°40	4°14	n.a.	W11
T 12	3 12 3	17°18'37	22° 8	4°57	5°10	23°43	1°49	27°56	22°44	12°13	29°57	1°R 3	1°37	4°20	n.a.	T 12
F 13	3 15 59	18°19'44	5♓12	6°29	6°26	23°20	2° 3	28° 3	22°47	12°13	29°56	1° 2	1°33	4°27	n.a.	F 13
S 14	3 19 56	19°20'52	18°43	8° 1	7°41	22°56	2°16	28°10	22°49	12°13	29°55	1° 1	1°30	4°34	n.a.	S 14
S 15	3 23 52	20°22'00	2♈42	9°33	8°56	22°33	2°30	28°17	22°52	12°13	29°54	1° 0	1°27	4°40	n.a.	S 15
M16	3 27 49	21°23'09	17° 8	11° 6	10°11	22° 9	2°44	28°24	22°54	12°13	29°53	0°58	1°24	4°47	n.a.	M16
T 17	3 31 45	22°24'18	1♉57	12°38	11°26	21°45	2°57	28°31	22°57	12°R13	29°52	0°57	1°21	4°54	n.a.	T 17
W18	3 35 42	23°25'28	17° 3	14°11	12°41	21°22	3°11	28°38	22°59	12°13	29°51	0°57	1°18	5° 0	n.a.	W18
T 19	3 39 39	24°26'38	2♊16	15°44	13°56	20°59	3°25	28°45	23° 1	12°13	29°50	0°D57	1°14	5° 7	n.a.	T 19
F 20	3 43 35	25°27'49	17°28	17°17	15°11	20°36	3°39	28°52	23° 4	12°13	29°49	0°57	1°11	5°14	n.a.	F 20
S 21	3 47 32	26°29'01	2♋27	18°50	16°26	20°13	3°52	28°59	23° 6	12°13	29°48	0°57	1° 8	5°20	n.a.	S 21
S 22	3 51 28	27°30'13	17° 8	20°24	17°41	19°50	4° 6	29° 6	23° 8	12°13	29°47	0°58	1° 5	5°27	n.a.	S 22
M23	3 55 25	28°31'26	1♌26	21°57	18°56	19°28	4°20	29°14	23°10	12°13	29°46	0°58	1° 2	5°33	n.a.	M23
T 24	3 59 21	29°32'40	15°17	23°31	20°11	19° 6	4°34	29°21	23°12	12°13	29°45	0°58	0°59	5°40	n.a.	T 24
W25	4 3 18	0♐33'54	28°42	25° 5	21°26	18°45	4°48	29°28	23°14	12°12	29°44	0°58	0°55	5°47	n.a.	W25
T 26	4 7 15	1°35'08	11♍43	26°39	22°41	18°24	5° 2	29°35	23°16	12°12	29°43	0°58	0°52	5°53	n.a.	T 26
F 27	4 11 11	2°36'24	24°24	28°14	23°55	18° 4	5°16	29°42	23°18	12°12	29°42	0°58	0°49	6° 0	n.a.	F 27
S 28	4 15 8	3°37'39	6♎48	29°48	25°10	17°44	5°29	29°49	23°20	12°11	29°41	0°58	0°46	6° 7	n.a.	S 28
S 29	4 19 4	4°38'55	18°58	1♐23	26°25	17°25	5°43	29°56	23°22	12°11	29°39	0°59	0°43	6°13	n.a.	S 29
M30	4 23 1	5♐40'12	0♏58	2♐58	27♐40	17♉ 7	5♐57	0♐ 3	23♍23	12♌11	29♊38	0♊59	0♊39	6♐20	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s42	0s 8	4n 6	5s36	1n53	18s39	0s22	20n44	0n53	19s54	0n20	18s15	1n25	3n46	0n43	18n 1	0n42	25n37	1n55	20n36	20n50	21s 6		n.a.
M 2	14 3	5 34	3 19	6 14	1 48	19 2	0 24	20 42	0 56	19 57	0 20	18 17	1 25	3 45	0 43	18 0	0 42	25 37	1 55	20 36	20 49	21 8		n.a.
T 3	14 23	10 44	2 23	6 53	1 42	19 23	0 27	20 40	0 59	20 0	0 20	18 18	1 25	3 44	0 43	18 0	0 42	25 37	1 55	20 35	20 48	21 10		n.a.
W 4	14 42	15 28	1 22	7 31	1 36	19 44	0 29	20 38	1 1	20 3	0 20	18 20	1 25	3 43	0 43	18 0	0 42	25 37	1 55	20 34	20 48	21 12		n.a.
T 5	15 2	19 35	0 18	8 10	1 29	20 4	0 31	20 36	1 4	20 6	0 20	18 22	1 25	3 42	0 43	18 0	0 42	25 37	1 55	20 34	20 47	21 14		n.a.
F 6	15 21	22 54	0s47	8 49	1 23	20 24	0 34	20 33	1 7	20 9	0 20	18 23	1 24	3 41	0 43	18 0	0 42	25 38	1 55	20 34	20 46	21 16		n.a.
S 7	15 40	25 15	1 50	9 28	1 16	20 44	0 36	20 30	1 10	20 12	0 19	18 25	1 24	3 39	0 43	18 0	0 42	25 38	1 56	20 35	20 46	21 18		n.a.
S 8	15 59	26 29	2 49	10 7	1 9	21 2	0 39	20 28	1 12	20 15	0 19	18 27	1 24	3 38	0 43	18 0	0 42	25 38	1 56	20 35	20 45	21 21		n.a.
M 9	16 17	26 30	3 41	10 45	1 3	21 20	0 41	20 24	1 15	20 18	0 19	18 28	1 24	3 37	0 43	18 0	0 42	25 38	1 56	20 35	20 45	21 23		n.a.
T 10	16 36	25 16	4 24	11 24	0 56	21 38	0 43	20 21	1 18	20 21	0 19	18 30	1 24	3 36	0 43	18 0	0 42	25 38	1 56	20 35	20 44	21 25		n.a.
W11	16 54	22 49	4 55	12 2	0 49	21 55	0 46	20 18	1 20	20 24	0 19	18 32	1 24	3 35	0 43	18 0	0 42	25 38	1 56	20 36	20 43	21 27		n.a.
T 12	17 11	19 13	5 13	12 39	0 42	22 11	0 48	20 15	1 23	20 27	0 19	18 33	1 24	3 34	0 43	18 0	0 42	25 38	1 56	20 36	20 43	21 29		n.a.
F 13	17 28	14 36	5 16	13 17	0 35	22 26	0 50	20 11	1 25	20 29	0 19	18 35	1 24	3 33	0 43	18 0	0 42	25 38	1 56	20 35	20 42	21 31		n.a.
S 14	17 45	9 8	5 2	13 54	0 28	22 41	0 52	20 7	1 28	20 32	0 19	18 37	1 24	3 32	0 43	18 0	0 42	25 38	1 56	20 35	20 41	21 33		n.a.
S 15	18 2	3 2	4 30	14 30	0 21	22 56	0 55	20 3	1 30	20 35	0 19	18 38	1 24	3 31	0 43	18 0	0 42	25 39	1 56	20 35	20 41	21 35		n.a.
M16	18 18	3n25	3 40	15 6	0 14	23 9	0 57	20 0	1 32	20 38	0 18	18 40	1 24	3 30	0 43	18 0	0 42	25 39	1 57	20 35	20 40	21 37		n.a.
T 17	18 34	9 52	2 34	15 41	0 7	23 22	0 59	19 56	1 35	20 41	0 18	18 41	1 24	3 29	0 43	18 0	0 42	25 39	1 57	20 34	20 39	21 40		n.a.
W18	18 50	15 53	1 17	16 16	0 0	23 34	1 1	19 52	1 37	20 44	0 18	18 43	1 24	3 29	0 43	18 0	0 42	25 39	1 57	20 34	20 39	21 42		n.a.
T 19	19 5	20 58	0n 7	16 50	0s 7	23 46	1 3	19 47	1 39	20 46	0 18	18 45	1 23	3 28	0 43	18 0	0 43	25 39	1 57	20 34	20 38	21 44		n.a.
F 20	19 20	24 36	1 31	17 23	0 13	23 57	1 5	19 43	1 41	20 49	0 18	18 46	1 23	3 27	0 43	18 0	0 43	25 39	1 57	20 34	20 37	21 46		n.a.
S 21	19 35	26 27	2 47	17 56	0 20	24 7	1 7	19 39	1 44	20 52	0 18	18 48	1 23	3 26	0 43	18 0	0 43	25 39	1 57	20 34	20 37	21 48		n.a.
S 22	19 49	26 23	3 50	18 28	0 26	24 16	1 9	19 35	1 46	20 54	0 18	18 49	1 23	3 25	0 43	18 0	0 43	25 39	1 57	20 35	20 36	21 50		n.a.
M23	20 3	24 33	4 37	18 59	0 33	24 25	1 11	19 31	1 48	20 57	0 18	18 51	1 23	3 24	0 44	18 0	0 43	25 39	1 57	20 35	20 35	21 52		n.a.
T 24	20 16	21 18	5 6	19 29	0 39	24 32	1 13	19 27	1 49	21 0	0 18	18 53	1 23	3 24	0 44	18 0	0 43	25 39	1 57	20 35	20 35	21 54		n.a.
W25	20 30	17 0	5 18	19 58	0 45	24 39	1 14	19 22	1 51	21 3	0 17	18 54	1 23	3 23	0 44	18 0	0 43	25 39	1 57	20 35	20 34	21 56		n.a.
T 26	20 42	12 3	5 13	20 27	0 51	24 46	1 16	19 18	1 53	21 5	0 17	18 56	1 23	3 22	0 44	18 0	0 43	25 40	1 57	20 35	20 33	21 58		n.a.
F 27	20 55	6 42	4 52	20 54	0 57	24 51	1 18	19 14	1 55	21 8	0 17	18 57	1 23	3 21	0 44	18 1	0 43	25 40	1 58	20 35	20 33	22 0		n.a.
S 28	21 7	1 13	4 18	21 21	1 3	24 56	1 20	19 10	1 57	21 10	0 17	18 59	1 23	3 21	0 44	18 1	0 43	25 40	1 58	20 35	20 32	22 2		n.a.
S 29	21 18	4s13	3 33	21 47	1 8	25 0	1 21	19 6	1 58	21 13	0 17	19 0	1 23	3 20	0 44	18 1	0 43	25 40	1 58	20 35	20 31	22 4		n.a.
M30	21s29	9s27	2n39	22s11	1s14	25s 4	1s23	19n 2	2n 0	21s15	0n17	19s 2	1n23	3n19	0n44	18n 1	0n43	25n40	1n58	20n35	20n31	22s 6		n.a.

Julian Day Number = 1704925.5, Delta T = 03h03m40s
Ecliptic obliquity = 23°42'06, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°41'12, Lahiri = - 4°34'12 Julian Calendar 1 Nov. 46 BCE == Greg. Calendar 30 Oct. 046 BCE

The year -45 astronomical counting style corresponds to year 046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 46 BCE
geocentric

DECEMBER 46 BCE (-45) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 26 57	6♐41'28	12♏51	4♐34	28♐55	16°R49	6♐11	0♐10	23♍25	12°R10	29°R37	1♊ 0	0♊36	6♐27	n.a.	T 1
W 2	4 30 54	7°42'45	24°40	6° 9	0♑10	16♉31	6°25	0°17	23°27	12♎10	29♊36	1° 0	0°33	6°33	n.a.	W 2
T 3	4 34 50	8°44'02	6♐27	7°45	1°25	16°15	6°39	0°24	23°28	12° 9	29°35	1°R 0	0°30	6°40	n.a.	T 3
F 4	4 38 47	9°45'19	18°15	9°22	2°39	15°59	6°53	0°31	23°30	12° 8	29°33	1° 0	0°27	6°47	n.a.	F 4
S 5	4 42 44	10°46'36	0♑ 5	10°58	3°54	15°44	7° 7	0°38	23°32	12° 8	29°32	0°59	0°24	6°53	n.a.	S 5
S 6	4 46 40	11°47'53	12° 0	12°35	5° 9	15°30	7°21	0°45	23°33	12° 7	29°31	0°57	0°20	7° 0	n.a.	S 6
M 7	4 50 37	12°49'09	24° 1	14°13	6°24	15°16	7°34	0°52	23°34	12° 7	29°30	0°56	0°17	7° 6	n.a.	M 7
T 8	4 54 33	13°50'25	6♒12	15°51	7°39	15° 3	7°48	0°59	23°36	12° 6	29°28	0°54	0°14	7°13	n.a.	T 8
W 9	4 58 30	14°51'41	18°36	17°29	8°53	14°51	8° 2	1° 6	23°37	12° 5	29°27	0°52	0°11	7°20	n.a.	W 9
T 10	5 2 26	15°52'56	1♓16	19° 7	10° 8	14°40	8°16	1°12	23°38	12° 5	29°26	0°51	0° 8	7°26	n.a.	T 10
F 11	5 6 23	16°54'10	14°14	20°46	11°23	14°30	8°30	1°19	23°39	12° 4	29°24	0°D50	0° 5	7°33	n.a.	F 11
S 12	5 10 19	17°55'24	27°34	22°26	12°37	14°20	8°44	1°26	23°41	12° 3	29°23	0°50	0° 1	7°40	n.a.	S 12
S 13	5 14 16	18°56'37	11♈19	24° 5	13°52	14°12	8°57	1°33	23°42	12° 2	29°22	0°51	29♉58	7°46	n.a.	S 13
M14	5 18 13	19°57'49	25°29	25°45	15° 7	14° 4	9°11	1°40	23°43	12° 1	29°21	0°53	29°55	7°53	n.a.	M14
T 15	5 22 9	20°59'00	10♉ 3	27°26	16°21	13°57	9°25	1°47	23°44	12° 0	29°19	0°54	29°52	8° 0	n.a.	T 15
W16	5 26 6	22° 0'11	24°57	29° 7	17°36	13°51	9°39	1°53	23°45	11°59	29°18	0°R55	29°49	8° 6	n.a.	W16
T 17	5 30 2	23° 1'22	10♊ 5	0♑48	18°50	13°45	9°52	2° 0	23°45	11°58	29°17	0°55	29°45	8°13	n.a.	T 17
F 18	5 33 59	24° 2'31	25°18	2°29	20° 5	13°41	10° 6	2° 7	23°46	11°58	29°15	0°53	29°42	8°20	n.a.	F 18
S 19	5 37 55	25° 3'41	10♋26	4°11	21°19	13°37	10°20	2°14	23°47	11°57	29°14	0°51	29°39	8°26	n.a.	S 19
S 20	5 41 52	26° 4'49	25°20	5°52	22°34	13°34	10°34	2°20	23°48	11°55	29°13	0°47	29°36	8°33	n.a.	S 20
M21	5 45 49	27° 5'57	9♌52	7°34	23°48	13°32	10°47	2°27	23°48	11°54	29°11	0°43	29°33	8°40	n.a.	M21
T 22	5 49 45	28° 7'04	23°57	9°16	25° 2	13°30	11° 1	2°33	23°49	11°53	29°10	0°40	29°30	8°46	n.a.	T 22
W23	5 53 42	29° 8'11	7♍34	10°57	26°17	13°D30	11°14	2°40	23°49	11°52	29° 9	0°37	29°26	8°53	n.a.	W23
T 24	5 57 38	0♑ 9'17	20°42	12°38	27°31	13°30	11°28	2°47	23°50	11°51	29° 7	0°35	29°23	9° 0	n.a.	T 24
F 25	6 1 35	1°10'23	3♎25	14°19	28°45	13°31	11°41	2°53	23°50	11°50	29° 6	0°D35	29°20	9° 6	n.a.	F 25
S 26	6 5 31	2°11'28	15°47	15°59	29°59	13°32	11°55	2°59	23°51	11°49	29° 5	0°35	29°17	9°13	n.a.	S 26
S 27	6 9 28	3°12'32	27°53	17°38	1♒14	13°35	12° 8	3° 6	23°51	11°48	29° 3	0°37	29°14	9°19	n.a.	S 27
M28	6 13 24	4°13'36	9♏48	19°15	2°28	13°38	12°22	3°12	23°51	11°46	29° 2	0°39	29°11	9°26	n.a.	M28
T 29	6 17 21	5°14'39	21°37	20°51	3°42	13°41	12°35	3°19	23°51	11°45	29° 1	0°40	29° 7	9°33	n.a.	T 29
W30	6 21 18	6°15'41	3♐22	22°25	4°56	13°46	12°49	3°25	23°51	11°44	28°59	0°R41	29° 4	9°39	n.a.	W30
T 31	6 25 14	7♑16'42	15♐ 9	23♑57	6♒10	13♉51	13♐ 2	3♐31	23♍52	11♌43	28♊58	0♊39	29♉ 1	9♐46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	21s40	14s17	1n39	22s34	1s19	25s 6	1s24	18n58	2n 1	21s18	0n17	19s 4	1n23	3n19	0n44	18n 1	0n43	25n40	1n58	20n35	20n30	22s 8			n.a.
W 2	21 50	18 35	0 35	22 57	1 24	25 8	1 26	18 55	2 2	21 20	0 17	19 5	1 23	3 18	0 44	18 1	0 43	25 40	1 58	20 35	20 29	22 10			n.a.
T 3	22 0	22 7	0s30	23 18	1 28	25 9	1 27	18 51	2 4	21 23	0 17	19 7	1 23	3 17	0 44	18 2	0 43	25 40	1 58	20 35	20 29	22 12			n.a.
F 4	22 9	24 45	1 34	23 38	1 33	25 9	1 28	18 48	2 5	21 25	0 17	19 8	1 23	3 17	0 44	18 2	0 43	25 40	1 58	20 35	20 28	22 14			n.a.
S 5	22 18	26 17	2 35	23 56	1 37	25 8	1 30	18 44	2 6	21 28	0 16	19 10	1 23	3 16	0 44	18 2	0 43	25 40	1 58	20 35	20 27	22 16			n.a.
S 6	22 27	26 37	3 28	24 14	1 41	25 7	1 31	18 41	2 7	21 30	0 16	19 11	1 23	3 16	0 44	18 2	0 43	25 40	1 58	20 34	20 27	22 18			n.a.
M 7	22 35	25 42	4 14	24 30	1 45	25 5	1 32	18 38	2 8	21 33	0 16	19 13	1 23	3 15	0 44	18 2	0 43	25 41	1 58	20 34	20 26	22 20			n.a.
T 8	22 43	23 34	4 48	24 44	1 49	25 2	1 33	18 35	2 10	21 35	0 16	19 14	1 23	3 15	0 44	18 3	0 43	25 41	1 59	20 34	20 25	22 22			n.a.
W 9	22 50	20 18	5 9	24 58	1 52	24 58	1 34	18 33	2 10	21 37	0 16	19 15	1 22	3 14	0 44	18 3	0 43	25 41	1 59	20 33	20 25	22 24			n.a.
T 10	22 57	16 4	5 17	25 9	1 55	24 53	1 35	18 30	2 11	21 40	0 16	19 17	1 22	3 14	0 44	18 3	0 43	25 41	1 59	20 33	20 24	22 26			n.a.
F 11	23 3	11 0	5 8	25 19	1 57	24 48	1 36	18 28	2 12	21 42	0 16	19 18	1 22	3 13	0 44	18 3	0 43	25 41	1 59	20 33	20 23	22 28			n.a.
S 12	23 9	5 18	4 43	25 28	1 59	24 42	1 37	18 26	2 13	21 44	0 16	19 20	1 22	3 13	0 44	18 4	0 43	25 41	1 59	20 33	20 23	22 30			n.a.
S 13	23 14	0n50	4 1	25 35	2 1	24 35	1 37	18 24	2 14	21 47	0 16	19 21	1 22	3 12	0 44	18 4	0 43	25 41	1 59	20 33	20 22	22 32			n.a.
M14	23 19	7 7	3 4	25 41	2 3	24 28	1 38	18 22	2 14	21 49	0 16	19 23	1 22	3 12	0 44	18 4	0 43	25 41	1 59	20 33	20 21	22 34			n.a.
T 15	23 23	13 12	1 53	25 44	2 4	24 19	1 39	18 21	2 15	21 51	0 16	19 24	1 22	3 12	0 44	18 4	0 43	25 41	1 59	20 34	20 21	22 36			n.a.
W16	23 27	18 41	0 33	25 46	2 5	24 10	1 39	18 19	2 16	21 53	0 15	19 25	1 22	3 11	0 44	18 5	0 43	25 41	1 59	20 34	20 20	22 38			n.a.
T 17	23 31	23 2	0n50	25 47	2 5	24 0	1 40	18 18	2 16	21 55	0 15	19 27	1 22	3 11	0 44	18 5	0 43	25 41	1 59	20 34	20 19	22 40			n.a.
F 18	23 34	25 47	2 11	25 45	2 4	23 50	1 40	18 17	2 17	21 57	0 15	19 28	1 22	3 11	0 44	18 5	0 43	25 41	1 59	20 34	20 19	22 42			n.a.
S 19	23 36	26 37	3 21	25 42	2 4	23 39	1 41	18 17	2 17	22 0	0 15	19 29	1 22	3 10	0 44	18 6	0 44	25 41	1 59	20 33	20 18	22 44			n.a.
S 20	23 39	25 30	4 16	25 36	2 2	23 27	1 41	18 16	2 18	22 2	0 15	19 31	1 22	3 10	0 45	18 6	0 44	25 41	1 59	20 32	20 17	22 46			n.a.
M21	23 40	22 41	4 54	25 29	2 1	23 14	1 41	18 16	2 18	22 4	0 15	19 32	1 22	3 10	0 45	18 6	0 44	25 42	2 0	20 32	20 16	22 48			n.a.
T 22	23 41	18 34	5 12	25 20	1 58	23 1	1 41	18 16	2 18	22 6	0 15	19 33	1 22	3 10	0 45	18 7	0 44	25 42	2 0	20 31	20 16	22 50			n.a.
W23	23 42	13 38	5 12	25 9	1 55	22 47	1 41	18 16	2 19	22 8	0 15	19 35	1 22	3 10	0 45	18 7	0 44	25 42	2 0	20 30	20 15	22 52			n.a.
T 24	23 42	8 14	4 55	24 56	1 51	22 32	1 41	18 16	2 19	22 10	0 15	19 36	1 22	3 9	0 45	18 7	0 44	25 42	2 0	20 30	20 14	22 53			n.a.
F 25	23 42	2 40	4 24	24 42	1 47	22 17	1 41	18 17	2 19	22 12	0 15	19 37	1 22	3 9	0 45	18 8	0 44	25 42	2 0	20 30	20 14	22 55			n.a.
S 26	23 41	2s52	3 42	24 25	1 42	22 1	1 41	18 17	2 19	22 14	0 15	19 38	1 22	3 9	0 45	18 8	0 44	25 42	2 0	20 30	20 13	22 57			n.a.
S 27	23 40	8 12	2 50	24 7	1 36	21 44	1 41	18 18	2 20	22 15	0 14	19 40	1 22	3 9	0 45	18 8	0 44	25 42	2 0	20 30	20 12	22 59			n.a.
M28	23 38	13 9	1 52	23 46	1 29	21 27	1 40	18 19	2 20	22 17	0 14	19 41	1 22	3 9	0 45	18 9	0 44	25 42	2 0	20 31	20 12	23 1			n.a.
T 29	23 36	17 34	0 49	23 25	1 22	21 9	1 40	18 20	2 20	22 19	0 14	19 42	1 22	3 9	0 45	18 9	0 44	25 42	2 0	20 31	20 11	23 3			n.a.
W30	23 33	21 18	0s15	23 1	1 13	20 51	1 39	18 22	2 20	22 21	0 14	19 43	1 22	3 9	0 45	18 9	0 44	25 42	2 0	20 31	20 10	23 5			n.a.
T 31	23s30	24s10	1s18	22s36	1s 4	20s32	1s39	18n23	2n20	22s23	0n14	19s45	1n22	3n 9	0n45	18n10	0n44	25n42	2n 0	20n31	20n10	23s 7			n.a.

Julian Day Number = 1704955.5, Delta T = 03h03m39s
Ecliptic obliquity = 23°42'06, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°41'08, Lahiri = - 4°34'08 Julian Calendar 1 Dec. 46 BCE == Greg. Calendar 29 Nov. 046 BCE

The year -45 astronomical counting style corresponds to year 046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 45 BCE
geocentric

JANUARY 45 BCE (-44) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 29 11	8♑17'43	27♐ 0	25♑25	7♒25	13♉57	13♐15	3♐37	23°R52	11°R41	28°R57	0°R36	28♉58	9♐53	n.a.	F 1
S 2	6 33 7	9°18'42	8♑57	26°50	8°39	14° 4	13°28	3°44	23♍51	11♌40	28♊56	0♊31	28°55	9°59	n.a.	S 2
S 3	6 37 4	10°19'40	21° 2	28°11	9°53	14°11	13°42	3°50	23°51	11°39	28°54	0°25	28°51	10° 6	n.a.	S 3
M 4	6 41 0	11°20'37	3♒16	29°27	11° 6	14°19	13°55	3°56	23°51	11°37	28°53	0°17	28°48	10°13	n.a.	M 4
T 5	6 44 57	12°21'32	15°41	0♒37	12°20	14°27	14° 8	4° 2	23°51	11°36	28°52	0° 9	28°45	10°19	n.a.	T 5
W 6	6 48 53	13°22'26	28°16	1°41	13°34	14°36	14°21	4° 8	23°51	11°34	28°50	0° 1	28°42	10°26	n.a.	W 6
T 7	6 52 50	14°23'18	11♓ 5	2°37	14°48	14°46	14°34	4°14	23°50	11°33	28°49	29♉55	28°39	10°33	n.a.	T 7
F 8	6 56 47	15°24'09	24° 7	3°26	16° 2	14°56	14°47	4°20	23°50	11°31	28°48	29°51	28°36	10°39	n.a.	F 8
S 9	7 0 43	16°24'58	7♈25	4° 6	17°16	15° 7	15° 0	4°26	23°50	11°30	28°47	29°48	28°32	10°46	n.a.	S 9
S 10	7 4 40	17°25'46	21° 1	4°36	18°29	15°19	15°13	4°31	23°49	11°28	28°45	29°D48	28°29	10°53	n.a.	S 10
M11	7 8 36	18°26'32	4♉56	4°56	19°43	15°31	15°25	4°37	23°49	11°27	28°44	29°49	28°26	10°59	n.a.	M11
T 12	7 12 33	19°27'16	19°10	5°R 6	20°56	15°43	15°38	4°43	23°48	11°25	28°43	29°50	28°23	11° 6	n.a.	T 12
W13	7 16 29	20°27'58	3♊43	5° 6	22°10	15°57	15°51	4°48	23°47	11°24	28°42	29°R50	28°20	11°12	n.a.	W13
T 14	7 20 26	21°28'39	18°30	4°54	23°23	16°10	16° 3	4°54	23°47	11°22	28°40	29°49	28°17	11°19	n.a.	T 14
F 15	7 24 22	22°29'18	3♋26	4°32	24°37	16°24	16°16	5° 0	23°46	11°21	28°39	29°45	28°13	11°26	n.a.	F 15
S 16	7 28 19	23°29'55	18°23	4° 0	25°50	16°39	16°28	5° 5	23°45	11°19	28°38	29°39	28°10	11°32	n.a.	S 16
S 17	7 32 16	24°30'31	3♌12	3°18	27° 3	16°54	16°41	5°10	23°44	11°18	28°37	29°31	28° 7	11°39	n.a.	S 17
M18	7 36 12	25°31'05	17°45	2°29	28°16	17°10	16°53	5°16	23°43	11°16	28°36	29°21	28° 4	11°46	n.a.	M18
T 19	7 40 9	26°31'38	1♍55	1°32	29°30	17°26	17° 6	5°21	23°42	11°15	28°35	29°12	28° 1	11°52	n.a.	T 19
W20	7 44 5	27°32'09	15°38	0°30	0♓43	17°42	17°18	5°26	23°41	11°13	28°33	29° 4	27°57	11°59	n.a.	W20
T 21	7 48 2	28°32'38	28°53	29♑25	1°56	17°59	17°30	5°31	23°40	11°11	28°32	28°58	27°54	12° 6	n.a.	T 21
F 22	7 51 58	29°33'06	11♎42	28°18	3° 9	18°17	17°42	5°36	23°39	11°10	28°31	28°54	27°51	12°12	n.a.	F 22
S 23	7 55 55	0♒33'33	24° 8	27°10	4°21	18°34	17°54	5°41	23°38	11° 8	28°30	28°52	27°48	12°19	n.a.	S 23
S 24	7 59 51	1°33'58	6♏16	26° 5	5°34	18°53	18° 6	5°46	23°37	11° 6	28°29	28°D52	27°45	12°26	n.a.	S 24
M25	8 3 48	2°34'21	18°11	25° 2	6°47	19°11	18°18	5°51	23°36	11° 5	28°28	28°52	27°42	12°32	n.a.	M25
T 26	8 7 45	3°34'44	29°59	24° 4	8° 0	19°30	18°30	5°56	23°34	11° 3	28°27	28°R53	27°38	12°39	n.a.	T 26
W27	8 11 41	4°35'04	11♐45	23°10	9°12	19°49	18°41	6° 1	23°33	11° 1	28°26	28°52	27°35	12°46	n.a.	W27
T 28	8 15 38	5°35'23	23°34	22°24	10°25	20° 9	18°53	6° 5	23°32	11° 0	28°25	28°49	27°32	12°52	n.a.	T 28
F 29	8 19 34	6°35'40	5♑30	21°43	11°37	20°29	19° 5	6°10	23°30	10°58	28°24	28°43	27°29	12°59	n.a.	F 29
S 30	8 23 31	7°35'56	17°35	21°10	12°50	20°50	19°16	6°15	23°29	10°56	28°23	28°34	27°26	13° 6	n.a.	S 30
S 31	8 27 27	8♒36'10	29♑52	20♑44	14♓ 2	21♉11	19♐27	6♐19	23♍27	10♌55	28♊22	28♉24	27♉23	13♐12	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s26	25s59	2s19	22s10	0s54	20s12	1s38	18n25	2n20	22s24	0n14	19s46	1n22	3n 9	0n45	18n10	0n44	25n42	2n 0	20n30	20n 9	23s 8		n.a.
S 2	23 22	26 36	3 13	21 43	0 43	19 52	1 37	18 27	2 20	22 26	0 14	19 47	1 22	3 9	0 45	18 11	0 44	25 42	2 0	20 29	20 8	23 10		n.a.
S 3	23 18	25 59	4 0	21 16	0 31	19 31	1 36	18 29	2 20	22 28	0 14	19 48	1 22	3 9	0 45	18 11	0 44	25 42	2 0	20 28	20 7	23 12		n.a.
M 4	23 13	24 6	4 36	20 47	0 18	19 10	1 36	18 32	2 20	22 30	0 14	19 49	1 22	3 9	0 45	18 11	0 44	25 42	2 0	20 26	20 7	23 14		n.a.
T 5	23 7	21 4	4 59	20 19	0 5	18 48	1 35	18 34	2 20	22 31	0 14	19 50	1 22	3 9	0 45	18 12	0 44	25 42	2 1	20 24	20 6	23 16		n.a.
W 6	23 1	17 1	5 9	19 51	0n10	18 25	1 34	18 37	2 20	22 33	0 14	19 51	1 22	3 10	0 45	18 12	0 44	25 42	2 1	20 23	20 5	23 18		n.a.
T 7	22 55	12 9	5 3	19 23	0 25	18 3	1 32	18 40	2 20	22 35	0 13	19 52	1 22	3 10	0 45	18 13	0 44	25 42	2 1	20 21	20 5	23 20		n.a.
F 8	22 48	6 40	4 42	18 56	0 41	17 39	1 31	18 43	2 19	22 36	0 13	19 54	1 22	3 10	0 45	18 13	0 44	25 42	2 1	20 20	20 4	23 21		n.a.
S 9	22 41	0 46	4 5	18 31	0 58	17 16	1 30	18 46	2 19	22 38	0 13	19 55	1 22	3 10	0 45	18 14	0 44	25 42	2 1	20 20	20 3	23 23		n.a.
S 10	22 33	5n18	3 14	18 7	1 15	16 51	1 29	18 49	2 19	22 39	0 13	19 56	1 22	3 10	0 45	18 14	0 44	25 43	2 1	20 20	20 2	23 25		n.a.
M11	22 25	11 16	2 10	17 45	1 32	16 27	1 27	18 53	2 19	22 41	0 13	19 57	1 22	3 11	0 45	18 14	0 44	25 43	2 1	20 20	20 2	23 27		n.a.
T 12	22 16	16 47	0 57	17 26	1 49	16 1	1 26	18 56	2 19	22 42	0 13	19 58	1 22	3 11	0 45	18 15	0 44	25 43	2 1	20 20	20 1	23 29		n.a.
W13	22 7	21 28	0n21	17 9	2 7	15 36	1 24	19 0	2 19	22 44	0 13	19 59	1 23	3 11	0 45	18 15	0 44	25 43	2 1	20 20	20 0	23 30		n.a.
T 14	21 58	24 50	1 39	16 56	2 23	15 10	1 22	19 4	2 18	22 45	0 13	20 0	1 23	3 11	0 45	18 16	0 44	25 43	2 1	20 20	20 0	23 32		n.a.
F 15	21 48	26 30	2 50	16 46	2 39	14 44	1 21	19 8	2 18	22 46	0 13	20 1	1 23	3 12	0 45	18 16	0 44	25 43	2 1	20 19	19 59	23 34		n.a.
S 16	21 38	26 14	3 50	16 39	2 54	14 17	1 19	19 12	2 18	22 48	0 13	20 2	1 23	3 12	0 46	18 17	0 44	25 43	2 1	20 18	19 58	23 36		n.a.
S 17	21 27	24 6	4 34	16 35	3 8	13 50	1 17	19 16	2 18	22 49	0 13	20 3	1 23	3 13	0 46	18 17	0 44	25 43	2 1	20 16	19 57	23 37		n.a.
M18	21 16	20 25	4 59	16 34	3 20	13 22	1 15	19 20	2 18	22 50	0 12	20 3	1 23	3 13	0 46	18 18	0 44	25 43	2 1	20 14	19 57	23 39		n.a.
T 19	21 5	15 39	5 5	16 37	3 30	12 55	1 13	19 25	2 17	22 52	0 12	20 4	1 23	3 13	0 46	18 18	0 44	25 43	2 1	20 12	19 56	23 41		n.a.
W20	20 53	10 13	4 53	16 42	3 39	12 27	1 11	19 29	2 17	22 53	0 12	20 5	1 23	3 14	0 46	18 19	0 44	25 43	2 1	20 10	19 55	23 43		n.a.
T 21	20 41	4 30	4 25	16 50	3 44	11 58	1 9	19 34	2 17	22 54	0 12	20 6	1 23	3 14	0 46	18 19	0 44	25 43	2 1	20 9	19 55	23 45		n.a.
F 22	20 28	1s14	3 45	17 0	3 48	11 30	1 6	19 38	2 16	22 55	0 12	20 7	1 23	3 15	0 46	18 20	0 44	25 43	2 1	20 8	19 54	23 46		n.a.
S 23	20 15	6 45	2 55	17 12	3 49	11 1	1 4	19 43	2 16	22 57	0 12	20 8	1 23	3 15	0 46	18 20	0 44	25 43	2 1	20 8	19 53	23 48		n.a.
S 24	20 2	11 54	1 58	17 25	3 48	10 31	1 2	19 48	2 16	22 58	0 12	20 9	1 23	3 16	0 46	18 20	0 44	25 43	2 1	20 7	19 52	23 50		n.a.
M25	19 48	16 31	0 57	17 40	3 45	10 2	0 59	19 53	2 16	22 59	0 12	20 9	1 23	3 16	0 46	18 21	0 44	25 43	2 1	20 8	19 52	23 51		n.a.
T 26	19 34	20 28	0s 6	17 55	3 40	9 32	0 57	19 58	2 15	23 0	0 12	20 10	1 23	3 17	0 46	18 21	0 44	25 43	2 2	20 8	19 51	23 53		n.a.
W27	19 20	23 34	1 8	18 11	3 34	9 2	0 54	20 3	2 15	23 1	0 12	20 11	1 23	3 17	0 46	18 22	0 44	25 43	2 2	20 7	19 50	23 55		n.a.
T 28	19 5	25 40	2 8	18 26	3 25	8 32	0 51	20 8	2 15	23 2	0 12	20 12	1 23	3 18	0 46	18 22	0 44	25 43	2 2	20 7	19 50	23 57		n.a.
F 29	18 50	26 37	3 2	18 42	3 16	8 2	0 49	20 13	2 14	23 3	0 12	20 13	1 23	3 19	0 46	18 23	0 44	25 43	2 2	20 6	19 49	23 58		n.a.
S 30	18 34	26 18	3 49	18 58	3 5	7 31	0 46	20 18	2 14	23 4	0 11	20 13	1 23	3 19	0 46	18 23	0 44	25 43	2 2	20 4	19 48	24 0		n.a.
S 31	18s19	24s43	4s25	19s13	2n54	7s 1	0s43	20n24	2n13	23s 5	0n11	20s14	1n23	3n20	0n46	18n24	0n44	25n43	2n 2	20n 1	19n47	24s 2		n.a.

Julian Day Number = 1704986.5, Delta T = 03h03m38s
Ecliptic obliquity = 23°42'06, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°41'04, Lahiri = - 4°34'04 Julian Calendar 1 Jan. 45 BCE == Greg. Calendar 30 Dec. 046 BCE

The year -44 astronomical counting style corresponds to year 045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 45 BCE
geocentric

FEBRUARY 45 BCE (-44) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 31 24	9♒36'22	12♒22	20°R25	15♓14	21♉32	19♐39	6♐23	23°R26	10°R53	28°R21	28°R11	27♉19	13♐19	n.a.	M 1
T 2	8 35 20	10°36'31	25° 4	20♋13	16°26	21°53	19°50	6°28	23♍24	10♌51	28♊20	27♉58	27°16	13°26	n.a.	T 2
W 3	8 39 17	11°36'39	8♓ 0	20°D 8	17°39	22°15	20° 1	6°32	23°22	10°50	28°19	27°45	27°13	13°32	n.a.	W 3
T 4	8 43 14	12°36'45	21° 7	20° 9	18°51	22°37	20°12	6°36	23°21	10°48	28°18	27°35	27°10	13°39	n.a.	T 4
F 5	8 47 10	13°36'48	4♈25	20°17	20° 2	23° 0	20°23	6°40	23°19	10°46	28°17	27°27	27° 7	13°45	n.a.	F 5
S 6	8 51 7	14°36'49	17°54	20°30	21°14	23°22	20°34	6°44	23°17	10°45	28°16	27°22	27° 3	13°52	n.a.	S 6
S 7	8 55 3	15°36'48	1♉33	20°49	22°26	23°46	20°45	6°48	23°15	10°43	28°15	27°19	27° 0	13°59	n.a.	S 7
M 8	8 59 0	16°36'45	15°25	21°13	23°38	24° 9	20°55	6°52	23°13	10°41	28°15	27°D19	26°57	14° 5	n.a.	M 8
T 9	9 2 56	17°36'39	29°27	21°43	24°49	24°33	21° 6	6°56	23°11	10°40	28°14	27°R19	26°54	14°12	n.a.	T 9
W10	9 6 53	18°36'32	13♊41	22°16	26° 1	24°56	21°16	6°59	23° 9	10°38	28°13	27°18	26°51	14°19	n.a.	W10
T 11	9 10 49	19°36'21	28° 5	22°54	27°12	25°21	21°26	7° 3	23° 8	10°36	28°12	27°15	26°48	14°25	n.a.	T 11
F 12	9 14 46	20°36'09	12♋35	23°36	28°23	25°45	21°37	7° 6	23° 6	10°35	28°12	27°10	26°44	14°32	n.a.	F 12
S 13	9 18 43	21°35'54	27° 7	24°22	29°34	26°10	21°47	7°10	23° 3	10°33	28°11	27° 2	26°41	14°39	n.a.	S 13
S 14	9 22 39	22°35'37	11♌35	25°11	0♈45	26°35	21°57	7°13	23° 1	10°32	28°10	26°51	26°38	14°45	n.a.	S 14
M15	9 26 36	23°35'18	25°52	26° 3	1°56	27° 0	22° 7	7°16	22°59	10°30	28°10	26°39	26°35	14°52	n.a.	M15
T 16	9 30 32	24°34'56	9♍51	26°59	3° 7	27°25	22°17	7°20	22°57	10°28	28° 9	26°27	26°32	14°59	n.a.	T 16
W17	9 34 29	25°34'33	23°29	27°57	4°18	27°51	22°26	7°23	22°55	10°27	28° 8	26°16	26°28	15° 5	n.a.	W17
T 18	9 38 25	26°34'07	6♎42	28°58	5°28	28°17	22°36	7°26	22°53	10°25	28° 8	26° 6	26°25	15°12	n.a.	T 18
F 19	9 42 22	27°33'40	19°32	0♒ 1	6°39	28°43	22°45	7°29	22°51	10°23	28° 7	26° 0	26°22	15°19	n.a.	F 19
S 20	9 46 18	28°33'10	2♏ 1	1° 7	7°49	29° 9	22°55	7°31	22°48	10°22	28° 6	25°56	26°19	15°25	n.a.	S 20
S 21	9 50 15	29°32'39	14°11	2°16	8°59	29°35	23° 4	7°34	22°46	10°20	28° 6	25°55	26°16	15°32	n.a.	S 21
M22	9 54 12	0♓32'06	26° 8	3°26	10° 9	0♊ 2	23°13	7°37	22°44	10°19	28° 5	25°54	26°13	15°39	n.a.	M22
T 23	9 58 8	1°31'31	7♐58	4°39	11°19	0°29	23°22	7°39	22°41	10°17	28° 5	25°54	26° 9	15°45	n.a.	T 23
W24	10 2 5	2°30'54	19°46	5°53	12°29	0°56	23°31	7°42	22°39	10°16	28° 4	25°53	26° 6	15°52	n.a.	W24
T 25	10 6 1	3°30'16	1♑37	7°10	13°39	1°23	23°40	7°44	22°37	10°14	28° 4	25°50	26° 3	15°59	n.a.	T 25
F 26	10 9 58	4°29'35	13°37	8°28	14°49	1°51	23°48	7°46	22°34	10°13	28° 4	25°45	26° 0	16° 5	n.a.	F 26
S 27	10 13 54	5°28'53	25°49	9°48	15°58	2°19	23°57	7°49	22°32	10°11	28° 3	25°37	25°57	16°12	n.a.	S 27
S 28	10 17 51	6°28'08	8♒16	11°10	17° 7	2°46	24° 5	7°51	22°30	10°10	28° 3	25°26	25°54	16°18	n.a.	S 28
M29	10 21 47	7♓27'22	21♒ 0	12♒34	18♈16	3♊15	24♐13	7♐53	22♍27	10♌ 8	28♊ 2	25♉14	25♉50	16♐25	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18s 2	21s55	4s50	19s28	2n42	6s30	0s40	20n29	2n13	23s 6	0n11	20s15	1n23	3n20	0n46	18n24	0n44	25n43	2n 2	19n58	19n47	24s 3		n.a.
T 2	17 46	18 1	5 1	19 42	2 29	5 59	0 37	20 34	2 13	23 7	0 11	20 15	1 23	3 21	0 46	18 25	0 45	25 43	2 2	19 55	19 46	24 5		n.a.
W 3	17 29	13 14	4 57	19 55	2 16	5 28	0 34	20 40	2 12	23 8	0 11	20 16	1 23	3 22	0 46	18 25	0 45	25 43	2 2	19 53	19 45	24 7		n.a.
T 4	17 12	7 47	4 37	20 8	2 3	4 56	0 31	20 45	2 12	23 9	0 11	20 17	1 24	3 23	0 46	18 26	0 45	25 43	2 2	19 50	19 44	24 8		n.a.
F 5	16 55	1 55	4 2	20 20	1 50	4 25	0 28	20 51	2 12	23 10	0 11	20 17	1 24	3 23	0 46	18 26	0 45	25 43	2 2	19 48	19 44	24 10		n.a.
S 6	16 38	4n 8	3 13	20 31	1 37	3 53	0 25	20 56	2 11	23 11	0 11	20 18	1 24	3 24	0 46	18 27	0 45	25 43	2 2	19 47	19 43	24 12		n.a.
S 7	16 20	10 5	2 12	20 41	1 24	3 22	0 22	21 2	2 11	23 12	0 11	20 19	1 24	3 25	0 46	18 27	0 45	25 43	2 2	19 47	19 42	24 13		n.a.
M 8	16 2	15 38	1 3	20 50	1 11	2 50	0 18	21 7	2 11	23 13	0 11	20 19	1 24	3 26	0 46	18 28	0 45	25 43	2 2	19 46	19 41	24 15		n.a.
T 9	15 43	20 26	0n11	20 58	0 59	2 19	0 15	21 13	2 10	23 13	0 11	20 20	1 24	3 26	0 46	18 28	0 45	25 43	2 2	19 46	19 41	24 17		n.a.
W10	15 25	24 6	1 25	21 5	0 46	1 47	0 12	21 18	2 10	23 14	0 11	20 20	1 24	3 27	0 46	18 29	0 45	25 43	2 2	19 46	19 40	24 18		n.a.
T 11	15 6	26 16	2 35	21 10	0 34	1 15	0 8	21 24	2 9	23 15	0 10	20 21	1 24	3 28	0 46	18 29	0 45	25 43	2 2	19 46	19 39	24 20		n.a.
F 12	14 47	26 40	3 35	21 15	0 23	0 43	0 5	21 30	2 9	23 16	0 10	20 21	1 24	3 29	0 46	18 29	0 45	25 43	2 2	19 44	19 38	24 22		n.a.
S 13	14 28	25 13	4 21	21 18	0 11	0 11	0 1	21 35	2 9	23 16	0 10	20 22	1 24	3 30	0 46	18 30	0 45	25 43	2 2	19 43	19 38	24 23		n.a.
S 14	14 8	22 8	4 50	21 20	0 0	0n20	0n 2	21 41	2 8	23 17	0 10	20 22	1 24	3 30	0 46	18 30	0 45	25 43	2 2	19 40	19 37	24 25		n.a.
M15	13 48	17 44	5 0	21 21	0s11	0 52	0 6	21 46	2 8	23 18	0 10	20 23	1 24	3 31	0 46	18 31	0 45	25 43	2 2	19 37	19 36	24 26		n.a.
T 16	13 28	12 27	4 52	21 20	0 21	1 24	0 10	21 52	2 7	23 18	0 10	20 23	1 24	3 32	0 46	18 31	0 45	25 43	2 2	19 34	19 35	24 28		n.a.
W17	13 8	6 42	4 28	21 18	0 31	1 56	0 13	21 57	2 7	23 19	0 10	20 24	1 24	3 33	0 46	18 32	0 45	25 43	2 2	19 32	19 35	24 30		n.a.
T 18	12 48	0 48	3 49	21 15	0 40	2 27	0 17	22 3	2 7	23 20	0 10	20 24	1 24	3 34	0 46	18 32	0 45	25 44	2 2	19 30	19 34	24 31		n.a.
F 19	12 27	4s57	3 0	21 10	0 49	2 59	0 21	22 8	2 6	23 20	0 10	20 24	1 24	3 35	0 46	18 33	0 45	25 44	2 2	19 28	19 33	24 33		n.a.
S 20	12 6	10 23	2 3	21 4	0 58	3 30	0 24	22 14	2 6	23 21	0 10	20 25	1 25	3 36	0 46	18 33	0 45	25 44	2 2	19 27	19 32	24 34		n.a.
S 21	11 45	15 17	1 2	20 57	1 6	4 2	0 28	22 19	2 5	23 22	0 10	20 25	1 25	3 37	0 46	18 34	0 45	25 44	2 2	19 27	19 32	24 36		n.a.
M22	11 24	19 31	0s 1	20 48	1 14	4 33	0 32	22 25	2 5	23 22	0 9	20 26	1 25	3 38	0 46	18 34	0 45	25 44	2 2	19 27	19 31	24 37		n.a.
T 23	11 3	22 55	1 4	20 38	1 22	5 5	0 36	22 30	2 5	23 23	0 9	20 26	1 25	3 39	0 47	18 34	0 45	25 44	2 2	19 27	19 30	24 39		n.a.
W24	10 41	25 21	2 3	20 26	1 29	5 36	0 40	22 36	2 4	23 23	0 9	20 26	1 25	3 39	0 47	18 35	0 45	25 44	2 2	19 26	19 29	24 41		n.a.
T 25	10 20	26 39	2 57	20 13	1 35	6 7	0 44	22 41	2 4	23 24	0 9	20 27	1 25	3 40	0 47	18 35	0 45	25 44	2 2	19 26	19 29	24 42		n.a.
F 26	9 58	26 43	3 44	19 59	1 42	6 38	0 47	22 46	2 3	23 24	0 9	20 27	1 25	3 41	0 47	18 36	0 45	25 44	2 2	19 24	19 28	24 44		n.a.
S 27	9 36	25 30	4 22	19 42	1 47	7 8	0 51	22 51	2 3	23 25	0 9	20 27	1 25	3 42	0 47	18 36	0 45	25 44	2 2	19 22	19 27	24 45		n.a.
S 28	9 14	23 1	4 48	19 25	1 52	7 39	0 55	22 57	2 2	23 25	0 9	20 27	1 25	3 43	0 47	18 36	0 45	25 44	2 2	19 20	19 26	24 47		n.a.
M29	8s52	19s23	5s 0	19s 6	1s57	8n 9	0n59	23n 2	2n 2	23s26	0n 9	20s28	1n25	3n44	0n47	18n37	0n45	25n44	2n 2	19n17	19n26	24s48		n.a.

Julian Day Number = 1705017.5, Delta T = 03h03m37s
Ecliptic obliquity = 23°42'06, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°41'00, Lahiri = - 4°33'59 Julian Calendar 1 Feb. 45 BCE == Greg. Calendar 30 Jan. 045 BCE

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ASTRODIENST EPHEMERIS for the year 45 BCE
geocentric

MARCH 45 BCE (-44) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 25 44	8♓26'33	4♓ 0	13♒59	19♈26	3♊43	24♐21	7♐54	22°R25	10°R 7	28°R 2	25°R 1	25♉47	16♐32	n.a.	T 1
W 2	10 29 41	9°25'43	17°17	15°26	20°34	4°11	24°29	7°56	22♍22	10♌ 5	28♊ 2	24♉49	25°44	16°38	n.a.	W 2
T 3	10 33 37	10°24'50	0♈48	16°54	21°43	4°40	24°37	7°58	22°20	10° 4	28° 2	24°38	25°41	16°45	n.a.	T 3
F 4	10 37 34	11°23'54	14°30	18°24	22°52	5° 8	24°45	8° 0	22°17	10° 3	28° 1	24°30	25°38	16°52	n.a.	F 4
S 5	10 41 30	12°22'57	28°20	19°56	24° 0	5°37	24°52	8° 1	22°15	10° 1	28° 1	24°25	25°34	16°58	n.a.	S 5
S 6	10 45 27	13°21'57	12♉17	21°29	25° 9	6° 6	25° 0	8° 2	22°12	10° 0	28° 1	24°23	25°31	17° 5	n.a.	S 6
M 7	10 49 23	14°20'55	26°18	23° 3	26°17	6°35	25° 7	8° 4	22°10	9°59	28° 1	24°D22	25°28	17°12	n.a.	M 7
T 8	10 53 20	15°19'50	10♊23	24°39	27°25	7° 5	25°14	8° 5	22° 7	9°57	28° 0	24°R23	25°25	17°18	n.a.	T 8
W 9	10 57 16	16°18'43	24°30	26°17	28°32	7°34	25°21	8° 6	22° 5	9°56	28° 0	24°22	25°22	17°25	n.a.	W 9
T 10	11 1 13	17°17'34	8♋39	27°56	29°40	8° 4	25°28	8° 7	22° 2	9°55	28° 0	24°21	25°19	17°32	n.a.	T 10
F 11	11 5 9	18°16'22	22°48	29°36	0♉47	8°34	25°34	8° 8	21°59	9°53	28° 0	24°17	25°15	17°38	n.a.	F 11
S 12	11 9 6	19°15'08	6♌54	1♓18	1°55	9° 4	25°41	8° 9	21°57	9°52	28° 0	24°10	25°12	17°45	n.a.	S 12
S 13	11 13 3	20°13'52	20°54	3° 2	3° 2	9°34	25°47	8°10	21°54	9°51	28° 0	24° 1	25° 9	17°52	n.a.	S 13
M14	11 16 59	21°12'33	4♍45	4°47	4° 9	10° 4	25°53	8°10	21°52	9°50	28°D 0	23°51	25° 6	17°58	n.a.	M14
T 15	11 20 56	22°11'12	18°21	6°33	5°15	10°34	25°59	8°11	21°49	9°49	28° 0	23°41	25° 3	18° 5	n.a.	T 15
W16	11 24 52	23° 9'49	1♎42	8°22	6°22	11° 4	26° 5	8°11	21°47	9°48	28° 0	23°31	25° 0	18°12	n.a.	W16
T 17	11 28 49	24° 8'24	14°43	10°11	7°28	11°35	26°11	8°12	21°44	9°46	28° 0	23°23	24°56	18°18	n.a.	T 17
F 18	11 32 45	25° 6'57	27°25	12° 3	8°34	12° 6	26°17	8°12	21°41	9°45	28° 0	23°18	24°53	18°25	n.a.	F 18
S 19	11 36 42	26° 5'29	9♏50	13°55	9°40	12°36	26°22	8°12	21°39	9°44	28° 0	23°15	24°50	18°32	n.a.	S 19
S 20	11 40 38	27° 3'58	21°59	15°50	10°45	13° 7	26°27	8°R12	21°36	9°43	28° 1	23°D14	24°47	18°38	n.a.	S 20
M21	11 44 35	28° 2'26	3♐57	17°46	11°51	13°38	26°32	8°12	21°34	9°42	28° 1	23°14	24°44	18°45	n.a.	M21
T 22	11 48 32	29° 0'52	15°48	19°43	12°56	14° 9	26°37	8°12	21°31	9°41	28° 1	23°15	24°40	18°52	n.a.	T 22
W23	11 52 28	29°59'16	27°37	21°42	14° 1	14°40	26°42	8°12	21°29	9°40	28° 1	23°R16	24°37	18°58	n.a.	W23
T 24	11 56 25	0♈57'39	9♑30	23°43	15° 5	15°12	26°47	8°11	21°26	9°39	28° 1	23°15	24°34	19° 5	n.a.	T 24
F 25	12 0 21	1°56'00	21°32	25°45	16°10	15°43	26°51	8°11	21°24	9°39	28° 2	23°13	24°31	19°12	n.a.	F 25
S 26	12 4 18	2°54'19	3♒46	27°48	17°14	16°15	26°55	8°10	21°21	9°38	28° 2	23° 9	24°28	19°18	n.a.	S 26
S 27	12 8 14	3°52'37	16°18	29°53	18°18	16°46	26°59	8°10	21°19	9°37	28° 2	23° 3	24°25	19°25	n.a.	S 27
M28	12 12 11	4°50'53	29°10	1♈59	19°21	17°18	27° 3	8° 9	21°16	9°36	28° 3	22°56	24°21	19°32	n.a.	M28
T 29	12 16 7	5°49'07	12♓24	4° 6	20°25	17°50	27° 7	8° 8	21°14	9°35	28° 3	22°48	24°18	19°38	n.a.	T 29
W30	12 20 4	6°47'19	25°58	6°13	21°28	18°22	27°11	8° 7	21°11	9°35	28° 4	22°40	24°15	19°45	n.a.	W30
T 31	12 24 0	7♈45'30	9♈50	8♈22	22♉30	18♊54	27♐14	8♐ 6	21♍ 9	9♌34	28♊ 4	22♉33	24♉12	19♐51	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	8s30	14s45	4s57	18s45	2s 2	8n39	1n 3	23n 7	2n 2	23s26	0n 9	20s28	1n25	3n45	0n47	18n37	0n45	25n44	2n 2	19n14	19n25	24s50					n.a.
W 2	8 7	9 20	4 38	18 23	2 6	9 9	1 7	23 12	2 1	23 27	0 9	20 28	1 25	3 46	0 47	18 38	0 45	25 44	2 2	19 11	19 24	24 51					n.a.
T 3	7 45	3 24	4 4	17 59	2 9	9 39	1 11	23 17	2 1	23 27	0 8	20 28	1 25	3 47	0 47	18 38	0 45	25 44	2 2	19 8	19 23	24 53					n.a.
F 4	7 22	2n47	3 15	17 34	2 12	10 9	1 15	23 22	2 0	23 27	0 8	20 29	1 26	3 48	0 47	18 38	0 45	25 44	2 3	19 6	19 23	24 54					n.a.
S 5	6 59	8 55	2 13	17 7	2 15	10 38	1 19	23 27	2 0	23 28	0 8	20 29	1 26	3 49	0 47	18 39	0 45	25 44	2 3	19 5	19 22	24 56					n.a.
S 6	6 36	14 41	1 4	16 39	2 17	11 7	1 23	23 31	1 59	23 28	0 8	20 29	1 26	3 50	0 47	18 39	0 45	25 44	2 3	19 4	19 21	24 57					n.a.
M 7	6 14	19 42	0n10	16 9	2 18	11 36	1 27	23 36	1 59	23 29	0 8	20 29	1 26	3 51	0 47	18 39	0 45	25 44	2 3	19 4	19 20	24 59					n.a.
T 8	5 51	23 38	1 24	15 38	2 19	12 4	1 31	23 41	1 59	23 29	0 8	20 29	1 26	3 52	0 47	18 40	0 45	25 44	2 3	19 4	19 20	25 0					n.a.
W 9	5 27	26 8	2 33	15 5	2 20	12 33	1 35	23 45	1 58	23 29	0 8	20 29	1 26	3 53	0 47	18 40	0 45	25 44	2 3	19 4	19 19	25 2					n.a.
T 10	5 4	26 57	3 33	14 31	2 20	13 1	1 38	23 50	1 58	23 30	0 8	20 29	1 26	3 54	0 47	18 40	0 45	25 44	2 3	19 4	19 18	25 3					n.a.
F 11	4 41	26 0	4 19	13 55	2 19	13 28	1 42	23 54	1 57	23 30	0 8	20 29	1 26	3 55	0 47	18 41	0 45	25 44	2 3	19 3	19 17	25 5					n.a.
S 12	4 18	23 25	4 50	13 17	2 19	13 56	1 46	23 59	1 57	23 30	0 8	20 29	1 26	3 56	0 47	18 41	0 45	25 44	2 3	19 1	19 16	25 6					n.a.
S 13	3 55	19 27	5 3	12 38	2 17	14 23	1 50	24 3	1 57	23 31	0 8	20 29	1 26	3 57	0 47	18 41	0 45	25 44	2 3	18 59	19 16	25 7					n.a.
M14	3 31	14 29	4 58	11 57	2 15	14 49	1 54	24 7	1 56	23 31	0 7	20 29	1 26	3 58	0 47	18 42	0 45	25 44	2 3	18 56	19 15	25 9					n.a.
T 15	3 8	8 53	4 36	11 15	2 13	15 16	1 58	24 11	1 56	23 31	0 7	20 29	1 26	4 0	0 47	18 42	0 45	25 44	2 3	18 54	19 14	25 10					n.a.
W16	2 45	2 58	3 59	10 32	2 10	15 42	2 1	24 15	1 55	23 31	0 7	20 29	1 26	4 1	0 47	18 42	0 45	25 44	2 3	18 51	19 13	25 12					n.a.
T 17	2 21	2s56	3 11	9 46	2 6	16 7	2 5	24 19	1 55	23 32	0 7	20 29	1 26	4 2	0 47	18 43	0 45	25 44	2 3	18 49	19 13	25 13					n.a.
F 18	1 58	8 36	2 14	9 0	2 2	16 32	2 9	24 23	1 54	23 32	0 7	20 29	1 27	4 3	0 47	18 43	0 45	25 44	2 3	18 48	19 12	25 14					n.a.
S 19	1 34	13 48	1 11	8 12	1 58	16 57	2 12	24 26	1 54	23 32	0 7	20 29	1 27	4 4	0 47	18 43	0 45	25 44	2 3	18 47	19 11	25 16					n.a.
S 20	1 11	18 21	0 7	7 22	1 53	17 22	2 16	24 30	1 54	23 32	0 7	20 29	1 27	4 5	0 47	18 44	0 45	25 44	2 3	18 47	19 10	25 17					n.a.
M21	0 47	22 7	0s57	6 31	1 47	17 46	2 19	24 33	1 53	23 33	0 7	20 29	1 27	4 6	0 47	18 44	0 45	25 44	2 3	18 47	19 10	25 19					n.a.
T 22	0 24	24 54	1 58	5 39	1 41	18 9	2 23	24 37	1 53	23 33	0 7	20 29	1 27	4 7	0 47	18 44	0 45	25 44	2 3	18 47	19 9	25 20					n.a.
W23	0 0	26 35	2 54	4 46	1 34	18 33	2 26	24 40	1 52	23 33	0 6	20 29	1 27	4 8	0 47	18 44	0 45	25 44	2 3	18 48	19 8	25 21					n.a.
T 24	0n23	27 4	3 43	3 51	1 27	18 55	2 30	24 43	1 52	23 33	0 6	20 29	1 27	4 9	0 47	18 45	0 45	25 44	2 3	18 47	19 7	25 23					n.a.
F 25	0 47	26 16	4 22	2 55	1 19	19 18	2 33	24 46	1 51	23 34	0 6	20 29	1 27	4 10	0 47	18 45	0 45	25 44	2 3	18 47	19 6	25 24					n.a.
S 26	1 10	24 13	4 50	1 58	1 11	19 40	2 36	24 49	1 51	23 34	0 6	20 29	1 27	4 11	0 47	18 45	0 45	25 44	2 3	18 46	19 6	25 25					n.a.
S 27	1 33	20 58	5 5	1 0	1 2	20 1	2 40	24 52	1 51	23 34	0 6	20 28	1 27	4 12	0 47	18 45	0 45	25 44	2 3	18 44	19 5	25 27					n.a.
M28	1 57	16 39	5 6	0 1	0 53	20 22	2 43	24 55	1 50	23 34	0 6	20 28	1 27	4 13	0 47	18 45	0 45	25 44	2 3	18 42	19 4	25 28					n.a.
T 29	2 20	11 26	4 50	0n58	0 44	20 42	2 46	24 57	1 50	23 34	0 6	20 28	1 27	4 14	0 47	18 46	0 45	25 44	2 3	18 40	19 3	25 30					n.a.
W30	2 43	5 33	4 18	1 58	0 34	21 2	2 49	25 0	1 49	23 35	0 6	20 28	1 27	4 15	0 46	18 46	0 45	25 44	2 3	18 38	19 2	25 31					n.a.
T 31	3n 7	0n44	3s30	2n59	0s24	21n22	2n52	25n 2	1n49	23s35	0n 6	20s28	1n27	4n15	0n46	18n46	0n45	25n44	2n 3	18n37	19n 2	25s32					n.a.

Julian Day Number = 1705046.5, Delta T = 03h03m37s
Ecliptic obliquity = 23°42'07, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°40'56, Lahiri = - 4°33'55 Julian Calendar 1 March 45 BCE == Greg. Calendar 28 Feb. 045 BCE

The year -44 astronomical counting style corresponds to year 045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 45 BCE
geocentric

APRIL 45 BCE (-44) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 27 57	8♈43'39	23♈56	10♈31	23♉33	19♊26	27♐17	8°R 5	21°R 6	9°R33	28♊ 4	22°R28	24♉ 9	19♐58	n.a.	F 1
S 2	12 31 54	9°41'46	8♉13	12°40	24°35	19°58	27°20	8♐ 4	21♍ 4	9♌32	28° 5	22♉25	24° 5	20° 5	n.a.	S 2
S 3	12 35 50	10°39'51	22°34	14°49	25°37	20°31	27°23	8° 2	21° 2	9°32	28° 5	22°D25	24° 2	20°11	n.a.	S 3
M 4	12 39 47	11°37'54	6♊56	16°58	26°38	21° 3	27°25	8° 1	20°59	9°31	28° 6	22°25	23°59	20°18	n.a.	M 4
T 5	12 43 43	12°35'55	21°15	19° 7	27°40	21°35	27°28	8° 0	20°57	9°31	28° 6	22°27	23°56	20°25	n.a.	T 5
W 6	12 47 40	13°33'55	5♋29	21°15	28°40	22° 8	27°30	7°58	20°55	9°30	28° 7	22°28	23°53	20°31	n.a.	W 6
T 7	12 51 36	14°31'52	19°36	23°21	29°41	22°41	27°32	7°56	20°52	9°30	28° 8	22°R28	23°50	20°38	n.a.	T 7
F 8	12 55 33	15°29'47	3♌33	25°26	0♊41	23°13	27°34	7°55	20°50	9°29	28° 8	22°26	23°46	20°45	n.a.	F 8
S 9	12 59 29	16°27'41	17°21	27°30	1°41	23°46	27°36	7°53	20°48	9°29	28° 9	22°23	23°43	20°51	n.a.	S 9
S 10	13 3 26	17°25'32	0♍58	29°31	2°40	24°19	27°37	7°51	20°46	9°28	28°10	22°19	23°40	20°58	n.a.	S 10
M11	13 7 23	18°23'21	14°23	1♉30	3°39	24°52	27°39	7°49	20°43	9°28	28°10	22°14	23°37	21° 5	n.a.	M11
T 12	13 11 19	19°21'09	27°34	3°27	4°37	25°25	27°40	7°47	20°41	9°27	28°11	22° 9	23°34	21°11	n.a.	T 12
W13	13 15 16	20°18'55	10♎31	5°22	5°35	25°58	27°41	7°45	20°39	9°27	28°12	22° 4	23°31	21°18	n.a.	W13
T 14	13 19 12	21°16'39	23°14	7°13	6°33	26°32	27°42	7°42	20°37	9°27	28°12	22° 0	23°27	21°25	n.a.	T 14
F 15	13 23 9	22°14'22	5♏42	9° 2	7°30	27° 5	27°42	7°40	20°35	9°27	28°13	21°57	23°24	21°31	n.a.	F 15
S 16	13 27 5	23°12'04	17°58	10°47	8°27	27°38	27°43	7°38	20°33	9°26	28°14	21°D56	23°21	21°38	n.a.	S 16
S 17	13 31 2	24° 9'44	0♐ 2	12°30	9°23	28°12	27°43	7°35	20°31	9°26	28°15	21°56	23°18	21°45	n.a.	S 17
M18	13 34 58	25° 7'24	11°57	14° 9	10°18	28°45	27°R43	7°32	20°29	9°26	28°16	21°57	23°15	21°51	n.a.	M18
T 19	13 38 55	26° 5'01	23°48	15°45	11°13	29°19	27°43	7°30	20°27	9°26	28°16	21°59	23°11	21°58	n.a.	T 19
W20	13 42 52	27° 2'38	5♑37	17°17	12° 8	29°52	27°42	7°27	20°25	9°26	28°17	22° 1	23° 8	22° 5	n.a.	W20
T 21	13 46 48	28° 0'14	17°30	18°47	13° 2	0♋26	27°42	7°24	20°23	9°26	28°18	22° 2	23° 5	22°11	n.a.	T 21
F 22	13 50 45	28°57'49	29°32	20°13	13°55	1° 0	27°41	7°21	20°21	9°26	28°19	22°R 2	23° 2	22°18	n.a.	F 22
S 23	13 54 41	29°55'22	11♒46	21°35	14°48	1°34	27°40	7°18	20°19	9°D26	28°20	22° 2	22°59	22°25	n.a.	S 23
S 24	13 58 38	0♉52'55	24°18	22°54	15°40	2° 8	27°39	7°15	20°18	9°26	28°21	22° 0	22°56	22°31	n.a.	S 24
M25	14 2 34	1°50'26	7♓12	24° 9	16°32	2°41	27°38	7°12	20°16	9°26	28°22	21°58	22°52	22°38	n.a.	M25
T 26	14 6 31	2°47'56	20°29	25°21	17°23	3°16	27°36	7° 9	20°14	9°26	28°23	21°56	22°49	22°45	n.a.	T 26
W27	14 10 27	3°45'26	4♈10	26°29	18°13	3°50	27°35	7° 6	20°13	9°26	28°24	21°53	22°46	22°51	n.a.	W27
T 28	14 14 24	4°42'54	18°15	27°33	19° 3	4°24	27°33	7° 2	20°11	9°26	28°25	21°51	22°43	22°58	n.a.	T 28
F 29	14 18 21	5°40'22	2♉39	28°33	19°52	4°58	27°31	6°59	20°10	9°26	28°26	21°49	22°40	23° 5	n.a.	F 29
S 30	14 22 17	6♉37'48	17♉17	29♉30	20♊40	5♋32	27♐28	6♐56	20♍ 8	9♌27	28♊27	21°D49	22♉37	23♐11	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3n30	7n 6	2s28	4n 0	0s14	21n41	2n55	25n 5	1n48	23s35	0n 5	20s27	1n27	4n16	0n46	18n46	0n44	25n44	2n 3	18n35	19n 1	25s33		n.a.
S 2	3 53	13 12	1 16	5 0	0 3	21 59	2 58	25 7	1 48	23 35	0 5	20 27	1 28	4 17	0 46	18 46	0 44	25 44	2 3	18 35	19 0	25 35		n.a.
S 3	4 16	18 38	0n 1	6 1	0n 8	22 17	3 0	25 9	1 48	23 35	0 5	20 27	1 28	4 18	0 46	18 47	0 44	25 44	2 3	18 34	18 59	25 36		n.a.
M 4	4 39	22 59	1 18	7 1	0 18	22 35	3 3	25 11	1 47	23 35	0 5	20 27	1 28	4 19	0 46	18 47	0 44	25 44	2 3	18 35	18 58	25 37		n.a.
T 5	5 2	25 55	2 30	8 1	0 29	22 52	3 5	25 12	1 47	23 36	0 5	20 26	1 28	4 20	0 46	18 47	0 44	25 44	2 3	18 35	18 58	25 39		n.a.
W 6	5 25	27 8	3 33	8 59	0 40	23 8	3 8	25 14	1 46	23 36	0 5	20 26	1 28	4 21	0 46	18 47	0 44	25 44	2 3	18 35	18 57	25 40		n.a.
T 7	5 47	26 34	4 22	9 57	0 50	23 24	3 10	25 15	1 46	23 36	0 5	20 26	1 28	4 22	0 46	18 47	0 44	25 44	2 3	18 35	18 56	25 41		n.a.
F 8	6 10	24 20	4 55	10 53	1 0	23 39	3 13	25 17	1 45	23 36	0 5	20 25	1 28	4 23	0 46	18 47	0 44	25 44	2 3	18 35	18 55	25 42		n.a.
S 9	6 32	20 43	5 10	11 47	1 10	23 54	3 15	25 18	1 45	23 36	0 5	20 25	1 28	4 24	0 46	18 47	0 44	25 44	2 3	18 34	18 54	25 44		n.a.
S 10	6 55	16 2	5 8	12 40	1 20	24 8	3 17	25 19	1 44	23 36	0 4	20 25	1 28	4 25	0 46	18 47	0 44	25 44	2 3	18 33	18 54	25 45		n.a.
M11	7 17	10 38	4 48	13 31	1 29	24 22	3 19	25 20	1 44	23 37	0 4	20 24	1 28	4 25	0 46	18 48	0 44	25 44	2 3	18 32	18 53	25 46		n.a.
T 12	7 39	4 51	4 14	14 20	1 38	24 35	3 20	25 21	1 44	23 37	0 4	20 24	1 28	4 26	0 46	18 48	0 44	25 44	2 3	18 30	18 52	25 47		n.a.
W13	8 1	1s 2	3 27	15 7	1 46	24 47	3 22	25 22	1 43	23 37	0 4	20 24	1 28	4 27	0 46	18 48	0 44	25 44	2 3	18 29	18 51	25 49		n.a.
T 14	8 23	6 48	2 31	15 51	1 53	24 59	3 24	25 22	1 43	23 37	0 4	20 23	1 28	4 28	0 46	18 48	0 44	25 45	2 3	18 28	18 50	25 50		n.a.
F 15	8 45	12 11	1 28	16 34	2 0	25 10	3 25	25 22	1 42	23 37	0 4	20 23	1 28	4 29	0 46	18 48	0 44	25 45	2 3	18 27	18 50	25 51		n.a.
S 16	9 7	17 1	0 22	17 13	2 6	25 21	3 26	25 23	1 42	23 37	0 4	20 22	1 28	4 29	0 46	18 48	0 44	25 45	2 3	18 27	18 49	25 52		n.a.
S 17	9 28	21 6	0s44	17 51	2 12	25 31	3 28	25 23	1 41	23 37	0 4	20 22	1 28	4 30	0 46	18 48	0 44	25 45	2 3	18 27	18 48	25 54		n.a.
M18	9 50	24 15	1 48	18 26	2 17	25 41	3 29	25 23	1 41	23 38	0 3	20 21	1 28	4 31	0 46	18 48	0 44	25 45	2 3	18 27	18 47	25 55		n.a.
T 19	10 11	26 19	2 46	18 58	2 21	25 50	3 29	25 23	1 41	23 38	0 3	20 21	1 28	4 32	0 46	18 48	0 44	25 45	2 3	18 28	18 46	25 56		n.a.
W20	10 32	27 12	3 38	19 28	2 24	25 58	3 30	25 22	1 40	23 38	0 3	20 20	1 28	4 32	0 46	18 48	0 44	25 45	2 3	18 28	18 46	25 57		n.a.
T 21	10 53	26 50	4 20	19 56	2 26	26 6	3 31	25 22	1 40	23 38	0 3	20 20	1 28	4 33	0 46	18 48	0 44	25 45	2 3	18 29	18 45	25 58		n.a.
F 22	11 13	25 13	4 51	20 21	2 28	26 13	3 31	25 21	1 39	23 38	0 3	20 19	1 28	4 34	0 46	18 48	0 44	25 45	2 3	18 29	18 44	26 0		n.a.
S 23	11 34	22 24	5 10	20 44	2 28	26 20	3 32	25 20	1 39	23 38	0 3	20 19	1 28	4 35	0 46	18 48	0 44	25 45	2 3	18 29	18 43	26 1		n.a.
S 24	11 54	18 30	5 15	21 5	2 28	26 26	3 32	25 19	1 38	23 38	0 3	20 18	1 28	4 35	0 46	18 48	0 44	25 45	2 3	18 28	18 42	26 2		n.a.
M25	12 15	13 39	5 4	21 23	2 27	26 31	3 32	25 18	1 38	23 38	0 2	20 18	1 28	4 36	0 46	18 48	0 44	25 45	2 3	18 28	18 42	26 3		n.a.
T 26	12 35	8 3	4 37	21 39	2 25	26 36	3 31	25 17	1 38	23 38	0 2	20 17	1 28	4 37	0 46	18 48	0 44	25 45	2 3	18 27	18 41	26 4		n.a.
W27	12 54	1 54	3 54	21 53	2 23	26 40	3 31	25 16	1 37	23 39	0 2	20 17	1 29	4 37	0 46	18 48	0 44	25 45	2 3	18 26	18 40	26 5		n.a.
T 28	13 14	4n32	2 55	22 5	2 19	26 44	3 30	25 14	1 37	23 39	0 2	20 16	1 29	4 38	0 46	18 48	0 44	25 45	2 3	18 26	18 39	26 6		n.a.
F 29	13 33	10 54	1 44	22 14	2 15	26 47	3 30	25 13	1 36	23 39	0 2	20 16	1 29	4 38	0 46	18 48	0 44	25 45	2 3	18 25	18 38	26 8		n.a.
S 30	13n53	16n47	0s25	22n22	2n 9	26n50	3n29	25n11	1n36	23s39	0n 2	20s15	1n29	4n39	0n46	18n48	0n44	25n45	2n 3	18n25	18n38	26s 9		n.a.

Julian Day Number = 1705077.5, Delta T = 03h03m36s
Ecliptic obliquity = 23°42'08, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°40'52, Lahiri = - 4°33'51 Julian Calendar 1 Apr. 45 BCE == Greg. Calendar 30 March 045 BCE

The year -44 astronomical counting style corresponds to year 045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 45 BCE
geocentric

MAY 45 BCE (-44) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 26 14	7♉35'14	2♊ 4	0♊22	21♊27	6♋ 7	27°R26	6°R52	20°R 7	9♑27	28♊28	21♉49	22♉33	23♐18	n.a.	S 1
M 2	14 30 10	8°32'38	16°51	1°11	22°13	6°41	27♐23	6♐49	20♍ 5	9°27	28°30	21°50	22°30	23°25	n.a.	M 2
T 3	14 34 7	9°30'01	1♋32	1°56	22°59	7°16	27°21	6°45	20° 4	9°27	28°31	21°50	22°27	23°31	n.a.	T 3
W 4	14 38 3	10°27'23	16° 2	2°36	23°43	7°50	27°18	6°41	20° 2	9°28	28°32	21°51	22°24	23°38	n.a.	W 4
T 5	14 42 0	11°24'44	0♌16	3°12	24°27	8°25	27°15	6°38	20° 1	9°28	28°33	21°52	22°21	23°45	n.a.	T 5
F 6	14 45 56	12°22'03	14°14	3°44	25°10	9° 0	27°11	6°34	20° 0	9°29	28°34	21°R52	22°17	23°51	n.a.	F 6
S 7	14 49 53	13°19'21	27°54	4°11	25°52	9°34	27° 8	6°30	19°59	9°29	28°35	21°52	22°14	23°58	n.a.	S 7
S 8	14 53 50	14°16'38	11♍17	4°34	26°32	10° 9	27° 4	6°26	19°57	9°29	28°37	21°51	22°11	24° 5	n.a.	S 8
M 9	14 57 46	15°13'54	24°22	4°53	27°12	10°44	27° 0	6°22	19°56	9°30	28°38	21°50	22° 8	24°11	n.a.	M 9
T 10	15 1 43	16°11'08	7♎13	5° 6	27°50	11°19	26°56	6°18	19°55	9°31	28°39	21°50	22° 5	24°18	n.a.	T 10
W11	15 5 39	17° 8'22	19°49	5°16	28°28	11°54	26°52	6°14	19°54	9°31	28°40	21°49	22° 2	24°25	n.a.	W11
T 12	15 9 36	18° 5'35	2♏13	5°20	29° 4	12°29	26°48	6°10	19°53	9°32	28°42	21°49	21°58	24°31	n.a.	T 12
F 13	15 13 32	19° 2'47	14°27	5°R20	29°39	13° 4	26°43	6° 6	19°52	9°32	28°43	21°49	21°55	24°38	n.a.	F 13
S 14	15 17 29	19°59'59	26°31	5°16	0♋12	13°39	26°39	6° 2	19°51	9°33	28°44	21°D48	21°52	24°45	n.a.	S 14
S 15	15 21 25	20°57'10	8♐28	5° 7	0°44	14°14	26°34	5°58	19°51	9°34	28°46	21°49	21°49	24°51	n.a.	S 15
M16	15 25 22	21°54'21	20°20	4°54	1°15	14°49	26°29	5°54	19°50	9°34	28°47	21°R49	21°46	24°58	n.a.	M16
T 17	15 29 19	22°51'31	2♑ 9	4°37	1°45	15°25	26°24	5°50	19°49	9°35	28°48	21°49	21°42	25° 5	n.a.	T 17
W18	15 33 15	23°48'41	13°59	4°17	2°12	16° 0	26°19	5°45	19°48	9°36	28°50	21°48	21°39	25°11	n.a.	W18
T 19	15 37 12	24°45'50	25°53	3°53	2°39	16°35	26°13	5°41	19°48	9°37	28°51	21°48	21°36	25°18	n.a.	T 19
F 20	15 41 8	25°43'00	7♒55	3°26	3° 3	17°11	26° 8	5°37	19°47	9°38	28°53	21°48	21°33	25°25	n.a.	F 20
S 21	15 45 5	26°40'09	20° 8	2°56	3°26	17°46	26° 2	5°33	19°47	9°39	28°54	21°48	21°30	25°31	n.a.	S 21
S 22	15 49 1	27°37'17	2♓38	2°24	3°47	18°22	25°56	5°28	19°46	9°40	28°55	21°D48	21°27	25°38	n.a.	S 22
M23	15 52 58	28°34'26	15°28	1°51	4° 7	18°57	25°50	5°24	19°46	9°40	28°57	21°48	21°23	25°45	n.a.	M23
T 24	15 56 55	29°31'35	28°41	1°17	4°24	19°33	25°44	5°19	19°45	9°41	28°58	21°48	21°20	25°51	n.a.	T 24
W25	16 0 51	0♊28'43	12♈21	0°42	4°40	20° 9	25°38	5°15	19°45	9°42	29° 0	21°49	21°17	25°58	n.a.	W25
T 26	16 4 48	1°25'52	26°26	0° 7	4°54	20°44	25°32	5°11	19°45	9°44	29° 1	21°50	21°14	26° 5	n.a.	T 26
F 27	16 8 44	2°23'00	10♉56	29♉33	5° 5	21°20	25°25	5° 6	19°45	9°45	29° 3	21°50	21°11	26°11	n.a.	F 27
S 28	16 12 41	3°20'09	25°45	29° 1	5°15	21°56	25°19	5° 2	19°45	9°46	29° 4	21°R50	21° 8	26°18	n.a.	S 28
S 29	16 16 37	4°17'17	10♊48	28°30	5°22	22°32	25°12	4°58	19°44	9°47	29° 6	21°50	21° 4	26°25	n.a.	S 29
M30	16 20 34	5°14'26	25°55	28° 2	5°28	23° 8	25° 5	4°53	19°44	9°48	29° 7	21°49	21° 1	26°31	n.a.	M30
T 31	16 24 30	6♊11'34	10♋57	27♉36	5♋31	23♋44	24♐58	4♐49	19°D44	9♑49	29♊ 9	21♉47	20♉58	26♐38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	14n12	21n43	0n56	22n27	2n 3	26n52	3n27	25n 9	1n35	23s39	0n 2	20s14	1n29	4n39	0n46	18n48	0n44	25n45	2n 4	18n25	18n37	26s10			n.a.
M 2	14 30	25 16	2 14	22 31	1 56	26 54	3 26	25 7	1 35	23 39	0 1	20 14	1 29	4 40	0 46	18 47	0 44	25 45	2 4	18 25	18 36	26 11			n.a.
T 3	14 49	27 4	3 23	22 32	1 48	26 55	3 24	25 4	1 34	23 39	0 1	20 13	1 29	4 41	0 46	18 47	0 44	25 45	2 4	18 26	18 35	26 12			n.a.
W 4	15 7	26 59	4 17	22 32	1 39	26 55	3 23	25 2	1 34	23 39	0 1	20 13	1 29	4 41	0 46	18 47	0 44	25 45	2 4	18 26	18 34	26 13			n.a.
T 5	15 25	25 6	4 55	22 29	1 29	26 55	3 21	24 59	1 34	23 39	0 1	20 12	1 29	4 42	0 46	18 47	0 44	25 45	2 4	18 26	18 33	26 14			n.a.
F 6	15 43	21 44	5 14	22 25	1 19	26 55	3 18	24 57	1 33	23 39	0 1	20 11	1 29	4 42	0 45	18 47	0 44	25 45	2 4	18 26	18 33	26 15			n.a.
S 7	16 1	17 15	5 15	22 19	1 8	26 54	3 16	24 54	1 33	23 39	0 1	20 11	1 29	4 42	0 45	18 47	0 44	25 45	2 4	18 26	18 32	26 16			n.a.
S 8	16 18	12 1	4 59	22 12	0 55	26 52	3 13	24 51	1 32	23 40	0 1	20 10	1 29	4 43	0 45	18 47	0 44	25 45	2 4	18 26	18 31	26 17			n.a.
M 9	16 35	6 21	4 27	22 2	0 43	26 50	3 10	24 47	1 32	23 40	0 0	20 9	1 29	4 43	0 45	18 47	0 44	25 45	2 4	18 26	18 30	26 18			n.a.
T 10	16 52	0 31	3 43	21 51	0 29	26 48	3 7	24 44	1 31	23 40	0 0	20 9	1 28	4 44	0 45	18 46	0 44	25 45	2 4	18 25	18 29	26 19			n.a.
W11	17 8	5s14	2 48	21 39	0 15	26 45	3 3	24 40	1 31	23 40	0 0	20 8	1 28	4 44	0 45	18 46	0 44	25 46	2 4	18 25	18 28	26 20			n.a.
T 12	17 24	10 43	1 47	21 25	0s 0	26 41	2 59	24 37	1 31	23 40	0 0	20 7	1 28	4 44	0 45	18 46	0 44	25 46	2 4	18 25	18 28	26 22			n.a.
F 13	17 40	15 42	0 41	21 10	0 16	26 37	2 55	24 33	1 30	23 40	0s 0	20 7	1 28	4 45	0 45	18 46	0 44	25 46	2 4	18 25	18 27	26 23			n.a.
S 14	17 56	20 1	0s26	20 53	0 32	26 33	2 51	24 29	1 30	23 40	0 0	20 6	1 28	4 45	0 45	18 46	0 44	25 46	2 4	18 25	18 26	26 24			n.a.
S 15	18 11	23 27	1 31	20 36	0 48	26 28	2 46	24 25	1 29	23 40	0 0	20 5	1 28	4 45	0 45	18 45	0 44	25 46	2 4	18 25	18 25	26 25			n.a.
M16	18 27	25 52	2 32	20 17	1 5	26 23	2 41	24 20	1 29	23 40	0 1	20 5	1 28	4 46	0 45	18 45	0 44	25 46	2 4	18 25	18 24	26 26			n.a.
T 17	18 41	27 7	3 26	19 58	1 22	26 17	2 36	24 16	1 28	23 40	0 1	20 4	1 28	4 46	0 45	18 45	0 44	25 46	2 4	18 25	18 23	26 27			n.a.
W18	18 56	27 7	4 11	19 37	1 38	26 11	2 30	24 11	1 28	23 40	0 1	20 3	1 28	4 46	0 45	18 45	0 44	25 46	2 4	18 25	18 23	26 28			n.a.
T 19	19 10	25 52	4 46	19 16	1 55	26 5	2 24	24 6	1 27	23 40	0 1	20 3	1 28	4 46	0 45	18 45	0 44	25 46	2 4	18 25	18 22	26 29			n.a.
F 20	19 24	23 26	5 8	18 55	2 12	25 58	2 18	24 1	1 27	23 40	0 1	20 2	1 28	4 46	0 45	18 44	0 44	25 46	2 4	18 25	18 21	26 30			n.a.
S 21	19 37	19 56	5 17	18 34	2 28	25 51	2 11	23 56	1 27	23 40	0 1	20 1	1 28	4 47	0 45	18 44	0 44	25 46	2 4	18 25	18 20	26 30			n.a.
S 22	19 51	15 29	5 12	18 12	2 43	25 43	2 4	23 51	1 26	23 40	0 1	20 0	1 28	4 47	0 45	18 44	0 44	25 46	2 4	18 25	18 19	26 31			n.a.
M23	20 4	10 15	4 51	17 51	2 58	25 35	1 57	23 45	1 26	23 40	0 2	20 0	1 28	4 47	0 45	18 44	0 44	25 46	2 4	18 25	18 18	26 32			n.a.
T 24	20 16	4 24	4 14	17 31	3 12	25 27	1 49	23 40	1 25	23 40	0 2	19 59	1 28	4 47	0 45	18 43	0 44	25 46	2 4	18 25	18 18	26 33			n.a.
W25	20 28	1n50	3 22	17 11	3 25	25 18	1 41	23 34	1 25	23 40	0 2	19 58	1 28	4 47	0 45	18 43	0 44	25 46	2 4	18 25	18 17	26 34			n.a.
T 26	20 40	8 12	2 16	16 52	3 37	25 9	1 33	23 28	1 24	23 40	0 2	19 58	1 28	4 47	0 45	18 43	0 44	25 46	2 4	18 25	18 16	26 35			n.a.
F 27	20 52	14 19	1 0	16 35	3 47	25 0	1 24	23 22	1 24	23 40	0 2	19 57	1 28	4 47	0 45	18 42	0 44	25 46	2 4	18 26	18 15	26 36			n.a.
S 28	21 3	19 46	0n22	16 19	3 57	24 50	1 14	23 16	1 23	23 39	0 2	19 56	1 28	4 47	0 45	18 42	0 44	25 46	2 4	18 26	18 14	26 37			n.a.
S 29	21 14	24 1	1 43	16 4	4 5	24 40	1 5	23 9	1 23	23 39	0 3	19 55	1 28	4 47	0 45	18 42	0 44	25 46	2 4	18 25	18 13	26 38			n.a.
M30	21 25	26 36	2 58	15 52	4 11	24 30	0 55	23 3	1 22	23 39	0 3	19 55	1 28	4 47	0 45	18 41	0 44	25 46	2 5	18 25	18 13	26 39			n.a.
T 31	21n35	27n13	3n59	15n41	4s16	24n19	0n44	22n56	1n22	23s39	0s 3	19s54	1n27	4n47	0n44	18n41	0n44	25n47	2n 5	18n25	18n12	26s40			n.a.

Julian Day Number = 1705107.5, Delta T = 03h03m35s
Ecliptic obliquity = 23°42'07, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°40'48, Lahiri = - 4°33'47 Julian Calendar 1 May 45 BCE == Greg. Calendar 29 Apr. 045 BCE

The year -44 astronomical counting style corresponds to year 045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 45 BCE
geocentric

JUNE 45 BCE (-44) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 28 27	7♊ 8'42	25♋45	27°R14	5°R32	24♋20	24°R51	4°R44	19♍44	9♎50	29♊10	21°R46	20♉55	26♐45	n.a.	W 1
T 2	16 32 24	8° 5'50	10♎15	26♉56	5♋30	24°56	24♐44	4♐40	19°45	9°52	29°12	21♉44	20°52	26°51	n.a.	T 2
F 3	16 36 20	9° 2'57	24°21	26°41	5°26	25°32	24°37	4°36	19°45	9°53	29°13	21°43	20°48	26°58	n.a.	F 3
S 4	16 40 17	10° 0'04	8♍ 2	26°31	5°20	26° 8	24°30	4°31	19°45	9°54	29°15	21°D42	20°45	27° 5	n.a.	S 4
S 5	16 44 13	10°57'10	21°20	26°26	5°11	26°45	24°23	4°27	19°45	9°55	29°17	21°42	20°42	27°11	n.a.	S 5
M 6	16 48 10	11°54'17	4♎16	26°D26	5° 0	27°21	24°15	4°22	19°45	9°57	29°18	21°43	20°39	27°18	n.a.	M 6
T 7	16 52 6	12°51'23	16°53	26°30	4°46	27°57	24° 8	4°18	19°46	9°58	29°20	21°45	20°36	27°25	n.a.	T 7
W 8	16 56 3	13°48'29	29°15	26°39	4°31	28°34	24° 1	4°14	19°46	10° 0	29°21	21°46	20°33	27°32	n.a.	W 8
T 9	16 59 59	14°45'36	11♏26	26°54	4°12	29°10	23°53	4°10	19°47	10° 1	29°23	21°47	20°29	27°38	n.a.	T 9
F 10	17 3 56	15°42'42	23°27	27°14	3°52	29°47	23°46	4° 5	19°47	10° 2	29°25	21°R48	20°26	27°45	n.a.	F 10
S 11	17 7 53	16°39'49	5♐22	27°39	3°29	0♎23	23°38	4° 1	19°48	10° 4	29°26	21°47	20°23	27°52	n.a.	S 11
S 12	17 11 49	17°36'56	17°13	28° 9	3° 4	1° 0	23°30	3°57	19°48	10° 5	29°28	21°45	20°20	27°58	n.a.	S 12
M13	17 15 46	18°34'03	29° 3	28°44	2°38	1°36	23°23	3°53	19°49	10° 7	29°29	21°42	20°17	28° 5	n.a.	M13
T 14	17 19 42	19°31'11	10♑53	29°25	2° 9	2°13	23°15	3°48	19°50	10° 8	29°31	21°38	20°14	28°12	n.a.	T 14
W15	17 23 39	20°28'19	22°46	0♊10	1°39	2°50	23° 7	3°44	19°51	10°10	29°33	21°33	20°10	28°18	n.a.	W15
T 16	17 27 35	21°25'28	4♒43	1° 1	1° 6	3°27	23° 0	3°40	19°51	10°12	29°34	21°28	20° 7	28°25	n.a.	T 16
F 17	17 31 32	22°22'37	16°48	1°56	0°33	4° 3	22°52	3°36	19°52	10°13	29°36	21°23	20° 4	28°32	n.a.	F 17
S 18	17 35 29	23°19'48	29° 3	2°57	29♊59	4°40	22°44	3°32	19°53	10°15	29°38	21°20	20° 1	28°38	n.a.	S 18
S 19	17 39 25	24°16'58	11♓32	4° 2	29°23	5°17	22°36	3°28	19°54	10°16	29°39	21°18	19°58	28°45	n.a.	S 19
M20	17 43 22	25°14'10	24°19	5°12	28°47	5°54	22°29	3°24	19°55	10°18	29°41	21°D17	19°54	28°52	n.a.	M20
T 21	17 47 18	26°11'23	7♈26	6°27	28°10	6°31	22°21	3°20	19°56	10°20	29°42	21°17	19°51	28°58	n.a.	T 21
W22	17 51 15	27° 8'36	20°58	7°46	27°32	7° 8	22°13	3°17	19°57	10°22	29°44	21°19	19°48	29° 5	n.a.	W22
T 23	17 55 11	28° 5'50	4♉56	9°10	26°55	7°45	22° 6	3°13	19°59	10°23	29°46	21°20	19°45	29°12	n.a.	T 23
F 24	17 59 8	29° 3'06	19°19	10°38	26°18	8°22	21°58	3° 9	20° 0	10°25	29°47	21°R21	19°42	29°18	n.a.	F 24
S 25	18 3 4	0♋ 0'22	4♊ 6	12°11	25°41	9° 0	21°50	3° 5	20° 1	10°27	29°49	21°20	19°39	29°25	n.a.	S 25
S 26	18 7 1	0°57'40	19°10	13°47	25° 5	9°37	21°43	3° 2	20° 3	10°29	29°51	21°18	19°35	29°32	n.a.	S 26
M27	18 10 58	1°54'58	4♋24	15°28	24°30	10°14	21°35	2°58	20° 4	10°30	29°52	21°14	19°32	29°38	n.a.	M27
T 28	18 14 54	2°52'17	19°37	17°12	23°56	10°52	21°28	2°55	20° 5	10°32	29°54	21° 8	19°29	29°45	n.a.	T 28
W29	18 18 51	3°49'37	4♎39	18°59	23°23	11°29	21°20	2°51	20° 7	10°34	29°56	21° 2	19°26	29°52	n.a.	W29
T 30	18 22 47	4♋46'58	19♎22	20♊50	22♊52	12♎ 6	21♐13	2♐48	20♍ 8	10♎36	29♊57	20♉56	19♉23	29♐58	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n44	25n52	4n44	15n32	4s20	24n 9	0n34	22n49	1n22	23s39	0s 3	19s53	1n27	4n47	0n44	18n41	0n44	25n47	2n 5	18n24	18n11	26s41		n.a.
T 2	21 54	22 50	5 10	15 26	4 22	23 58	0 22	22 42	1 21	23 39	0 3	19 52	1 27	4 47	0 44	18 40	0 44	25 47	2 5	18 24	18 10	26 42		n.a.
F 3	22 3	18 30	5 16	15 22	4 23	23 46	0 11	22 35	1 21	23 39	0 3	19 52	1 27	4 47	0 44	18 40	0 44	25 47	2 5	18 24	18 9	26 42		n.a.
S 4	22 12	13 19	5 3	15 20	4 22	23 35	0s 1	22 28	1 20	23 39	0 4	19 51	1 27	4 47	0 44	18 40	0 44	25 47	2 5	18 23	18 8	26 43		n.a.
S 5	22 20	7 40	4 35	15 21	4 21	23 23	0 13	22 20	1 20	23 39	0 4	19 50	1 27	4 47	0 44	18 39	0 44	25 47	2 5	18 23	18 7	26 44		n.a.
M 6	22 28	1 51	3 53	15 24	4 17	23 10	0 26	22 13	1 19	23 38	0 4	19 50	1 27	4 47	0 44	18 39	0 44	25 47	2 5	18 24	18 7	26 45		n.a.
T 7	22 35	3s56	3 1	15 29	4 13	22 58	0 39	22 5	1 19	23 38	0 4	19 49	1 27	4 46	0 44	18 39	0 44	25 47	2 5	18 24	18 6	26 46		n.a.
W 8	22 42	9 27	2 1	15 36	4 8	22 45	0 52	21 57	1 18	23 38	0 4	19 48	1 27	4 46	0 44	18 38	0 44	25 47	2 5	18 24	18 5	26 47		n.a.
T 9	22 49	14 32	0 57	15 46	4 1	22 33	1 5	21 49	1 18	23 38	0 4	19 47	1 27	4 46	0 44	18 38	0 44	25 47	2 5	18 25	18 4	26 48		n.a.
F 10	22 56	18 59	0s 9	15 58	3 54	22 20	1 19	21 41	1 17	23 38	0 4	19 47	1 27	4 46	0 44	18 37	0 44	25 47	2 5	18 25	18 3	26 48		n.a.
S 11	23 2	22 39	1 14	16 11	3 45	22 6	1 33	21 32	1 17	23 37	0 5	19 46	1 26	4 45	0 44	18 37	0 44	25 47	2 5	18 25	18 2	26 49		n.a.
S 12	23 7	25 19	2 15	16 27	3 36	21 53	1 47	21 24	1 16	23 37	0 5	19 45	1 26	4 45	0 44	18 37	0 44	25 47	2 5	18 24	18 1	26 50		n.a.
M13	23 12	26 52	3 10	16 44	3 26	21 39	2 1	21 15	1 16	23 37	0 5	19 45	1 26	4 45	0 44	18 36	0 44	25 47	2 5	18 23	18 1	26 51		n.a.
T 14	23 17	27 11	3 57	17 4	3 16	21 26	2 15	21 6	1 16	23 37	0 5	19 44	1 26	4 44	0 44	18 36	0 44	25 47	2 5	18 22	18 0	26 52		n.a.
W15	23 21	26 15	4 34	17 24	3 5	21 12	2 30	20 58	1 15	23 37	0 5	19 43	1 26	4 44	0 44	18 35	0 44	25 47	2 5	18 21	17 59	26 52		n.a.
T 16	23 25	24 8	4 59	17 46	2 53	20 58	2 44	20 48	1 15	23 36	0 5	19 43	1 26	4 44	0 44	18 35	0 44	25 47	2 5	18 20	17 58	26 53		n.a.
F 17	23 29	20 54	5 11	18 9	2 41	20 44	2 58	20 39	1 14	23 36	0 6	19 42	1 26	4 43	0 44	18 34	0 44	25 48	2 5	18 18	17 57	26 54		n.a.
S 18	23 32	16 45	5 9	18 33	2 28	20 30	3 12	20 30	1 14	23 36	0 6	19 42	1 26	4 43	0 44	18 34	0 44	25 48	2 6	18 17	17 56	26 55		n.a.
S 19	23 35	11 49	4 53	18 58	2 15	20 17	3 25	20 20	1 13	23 35	0 6	19 41	1 25	4 43	0 44	18 34	0 44	25 48	2 6	18 17	17 55	26 55		n.a.
M20	23 37	6 17	4 22	19 24	2 2	20 3	3 39	20 11	1 13	23 35	0 6	19 40	1 25	4 42	0 44	18 33	0 44	25 48	2 6	18 17	17 55	26 56		n.a.
T 21	23 39	0 20	3 37	19 50	1 49	19 49	3 52	20 1	1 12	23 35	0 6	19 40	1 25	4 42	0 44	18 33	0 44	25 48	2 6	18 17	17 54	26 57		n.a.
W22	23 40	5n50	2 38	20 17	1 35	19 36	4 5	19 51	1 12	23 35	0 6	19 39	1 25	4 41	0 44	18 32	0 44	25 48	2 6	18 17	17 53	26 58		n.a.
T 23	23 41	11 55	1 28	20 43	1 22	19 23	4 17	19 41	1 11	23 34	0 7	19 38	1 25	4 41	0 43	18 32	0 44	25 48	2 6	18 18	17 52	26 58		n.a.
F 24	23 42	17 34	0 11	21 10	1 8	19 10	4 29	19 30	1 11	23 34	0 7	19 38	1 25	4 40	0 43	18 31	0 44	25 48	2 6	18 18	17 51	26 59		n.a.
S 25	23 42	22 19	1n 9	21 36	0 55	18 58	4 40	19 20	1 10	23 34	0 7	19 37	1 25	4 40	0 43	18 31	0 44	25 48	2 6	18 18	17 50	27 0		n.a.
S 26	23 42	25 40	2 25	22 1	0 41	18 46	4 51	19 10	1 10	23 33	0 7	19 37	1 24	4 39	0 43	18 30	0 44	25 48	2 6	18 17	17 49	27 1		n.a.
M27	23 41	27 10	3 32	22 26	0 28	18 35	5 1	18 59	1 9	23 33	0 7	19 36	1 24	4 38	0 43	18 30	0 44	25 48	2 6	18 16	17 49	27 1		n.a.
T 28	23 40	26 36	4 24	22 49	0 16	18 24	5 10	18 48	1 9	23 33	0 7	19 36	1 24	4 38	0 43	18 29	0 44	25 48	2 6	18 14	17 48	27 2		n.a.
W29	23 39	24 6	4 57	23 11	0 3	18 14	5 19	18 37	1 8	23 32	0 7	19 35	1 24	4 37	0 43	18 29	0 44	25 48	2 6	18 13	17 47	27 3		n.a.
T 30	23n37	20n 3	5n 9	23n32	0n 9	18n 4	5s27	18n26	1n 8	23s32	0s 8	19s35	1n24	4n36	0n43	18n28	0n44	25n48	2n 6	18n11	17n46	27s 3		n.a.

Julian Day Number = 1705138.5, Delta T = 03h03m34s
Ecliptic obliquity = 23°42'07, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°40'43, Lahiri = - 4°33'43 Julian Calendar 1 June 45 BCE == Greg. Calendar 30 May 045 BCE

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ASTRODIENST EPHEMERIS for the year 45 BCE
geocentric

JULY 45 BCE (-44) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 26 44	5♋44'19	3♍38	22♊44	22°R22	12♌44	21°R 6	2°R44	20♍10	10♌38	29♊59	20°R51	19♉20	0♂ 5	n.a.	F 1
S 2	18 30 40	6°41'40	17°27	24°40	21♊54	13°21	20♐59	2♐41	20°12	10°40	0♋ 1	20♉47	19°16	0°12	n.a.	S 2
S 3	18 34 37	7°39'03	0♎47	26°38	21°27	13°59	20°51	2°38	20°13	10°42	0° 2	20°46	19°13	0°18	n.a.	S 3
M 4	18 38 33	8°36'26	13°41	28°38	21° 3	14°37	20°44	2°35	20°15	10°44	0° 4	20°D46	19°10	0°25	n.a.	M 4
T 5	18 42 30	9°33'50	26°13	0♋40	20°41	15°14	20°37	2°32	20°17	10°46	0° 6	20°47	19° 7	0°32	n.a.	T 5
W 6	18 46 27	10°31'15	8♏29	2°42	20°21	15°52	20°31	2°29	20°19	10°48	0° 7	20°48	19° 4	0°38	n.a.	W 6
T 7	18 50 23	11°28'40	20°31	4°46	20° 4	16°30	20°24	2°26	20°21	10°50	0° 9	20°R48	19° 0	0°45	n.a.	T 7
F 8	18 54 20	12°26'07	2♐26	6°50	19°48	17° 8	20°17	2°23	20°22	10°52	0°10	20°48	18°57	0°52	n.a.	F 8
S 9	18 58 16	13°23'35	14°16	8°54	19°35	17°46	20°11	2°20	20°24	10°54	0°12	20°45	18°54	0°59	n.a.	S 9
S 10	19 2 13	14°21'03	26° 5	10°59	19°25	18°23	20° 4	2°17	20°26	10°56	0°14	20°40	18°51	1° 5	n.a.	S 10
M11	19 6 9	15°18'33	7♑55	13° 3	19°17	19° 1	19°58	2°15	20°29	10°58	0°15	20°32	18°48	1°12	n.a.	M11
T 12	19 10 6	16°16'04	19°49	15° 6	19°11	19°39	19°52	2°12	20°31	11° 0	0°17	20°23	18°45	1°19	n.a.	T 12
W13	19 14 3	17°13'37	1♒48	17° 9	19° 7	20°17	19°45	2°10	20°33	11° 2	0°18	20°13	18°41	1°25	n.a.	W13
T 14	19 17 59	18°11'10	13°53	19°11	19°D 6	20°56	19°40	2° 7	20°35	11° 4	0°20	20° 2	18°38	1°32	n.a.	T 14
F 15	19 21 56	19° 8'46	26° 6	21°12	19° 8	21°34	19°34	2° 5	20°37	11° 6	0°22	19°52	18°35	1°39	n.a.	F 15
S 16	19 25 52	20° 6'22	8♓28	23°11	19°11	22°12	19°28	2° 3	20°39	11° 8	0°23	19°44	18°32	1°45	n.a.	S 16
S 17	19 29 49	21° 4'00	21° 3	25°10	19°17	22°50	19°22	2° 1	20°42	11°10	0°25	19°38	18°29	1°52	n.a.	S 17
M18	19 33 45	22° 1'40	3♈51	27° 7	19°25	23°28	19°17	1°59	20°44	11°12	0°26	19°34	18°26	1°59	n.a.	M18
T 19	19 37 42	22°59'21	16°56	29° 4	19°35	24° 7	19°12	1°57	20°46	11°14	0°28	19°32	18°22	2° 5	n.a.	T 19
W20	19 41 38	23°57'04	0♉21	0♌58	19°48	24°45	19° 7	1°55	20°49	11°17	0°29	19°D32	18°19	2°12	n.a.	W20
T 21	19 45 35	24°54'50	14° 9	2°52	20° 2	25°24	19° 2	1°53	20°51	11°19	0°31	19°R33	18°16	2°19	n.a.	T 21
F 22	19 49 31	25°52'36	28°20	4°44	20°18	26° 2	18°57	1°51	20°54	11°21	0°32	19°32	18°13	2°25	n.a.	F 22
S 23	19 53 28	26°50'25	12♊53	6°34	20°37	26°41	18°52	1°50	20°56	11°23	0°34	19°31	18°10	2°32	n.a.	S 23
S 24	19 57 25	27°48'16	27°45	8°24	20°57	27°19	18°48	1°48	20°59	11°25	0°35	19°26	18° 6	2°39	n.a.	S 24
M25	20 1 21	28°46'08	12♋51	10°12	21°19	27°58	18°43	1°47	21° 2	11°27	0°37	19°19	18° 3	2°45	n.a.	M25
T 26	20 5 18	29°44'02	28° 0	11°58	21°42	28°37	18°39	1°45	21° 4	11°30	0°38	19°10	18° 0	2°52	n.a.	T 26
W27	20 9 14	0♌41'58	13♌ 2	13°44	22° 8	29°15	18°35	1°44	21° 7	11°32	0°40	19° 0	17°57	2°59	n.a.	W27
T 28	20 13 11	1°39'55	27°48	15°27	22°34	29°54	18°31	1°43	21°10	11°34	0°41	18°50	17°54	3° 6	n.a.	T 28
F 29	20 17 7	2°37'54	12♍10	17°10	23° 3	0♍33	18°28	1°42	21°13	11°36	0°43	18°40	17°51	3°12	n.a.	F 29
S 30	20 21 4	3°35'54	26° 4	18°51	23°33	1°12	18°24	1°41	21°15	11°38	0°44	18°33	17°47	3°19	n.a.	S 30
S 31	20 25 1	4♌33'55	9♎29	20♌31	24♊ 4	1♍51	18♐21	1♐40	21♍18	11♌41	0♋46	18♉29	17♉44	3♂26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n35	14n57	5n 1	23n50	0n20	17n55	5s35	18n15	1n 7	23s32	0s 8	19s34	1n24	4n36	0n43	18n28	0n44	25n48	2n 6	18n10	17n45	27s 4		n.a.
S 2	23 32	9 15	4 37	24 7	0 31	17 46	5 41	18 4	1 7	23 31	0 8	19 34	1 24	4 35	0 43	18 27	0 44	25 49	2 6	18 9	17 44	27 5		n.a.
S 3	23 29	3 18	3 57	24 21	0 41	17 38	5 48	17 52	1 6	23 31	0 8	19 33	1 23	4 34	0 43	18 27	0 44	25 49	2 7	18 8	17 43	27 5		n.a.
M 4	23 25	2s35	3 7	24 33	0 51	17 31	5 53	17 41	1 6	23 31	0 8	19 33	1 23	4 34	0 43	18 26	0 44	25 49	2 7	18 8	17 42	27 6		n.a.
T 5	23 21	8 14	2 9	24 42	1 0	17 25	5 58	17 29	1 6	23 30	0 8	19 32	1 23	4 33	0 43	18 25	0 44	25 49	2 7	18 9	17 42	27 7		n.a.
W 6	23 17	13 27	1 6	24 48	1 8	17 20	6 2	17 17	1 5	23 30	0 8	19 32	1 23	4 32	0 43	18 25	0 44	25 49	2 7	18 9	17 41	27 7		n.a.
T 7	23 12	18 3	0 2	24 52	1 15	17 15	6 6	17 5	1 5	23 30	0 9	19 31	1 23	4 31	0 43	18 24	0 44	25 49	2 7	18 9	17 40	27 8		n.a.
F 8	23 7	21 54	1s 2	24 53	1 22	17 11	6 9	16 53	1 4	23 29	0 9	19 31	1 23	4 31	0 43	18 24	0 44	25 49	2 7	18 9	17 39	27 8		n.a.
S 9	23 1	24 48	2 3	24 52	1 28	17 7	6 11	16 41	1 4	23 29	0 9	19 31	1 22	4 30	0 43	18 23	0 44	25 49	2 7	18 8	17 38	27 9		n.a.
S 10	22 55	26 36	2 58	24 47	1 33	17 5	6 13	16 29	1 3	23 29	0 9	19 30	1 22	4 29	0 43	18 23	0 44	25 49	2 7	18 7	17 37	27 10		n.a.
M11	22 49	27 12	3 45	24 40	1 37	17 3	6 14	16 16	1 3	23 28	0 9	19 30	1 22	4 28	0 43	18 22	0 44	25 49	2 7	18 5	17 36	27 10		n.a.
T 12	22 42	26 33	4 23	24 30	1 41	17 2	6 15	16 4	1 2	23 28	0 9	19 30	1 22	4 27	0 43	18 22	0 44	25 49	2 7	18 2	17 35	27 11		n.a.
W13	22 35	24 40	4 49	24 18	1 43	17 1	6 15	15 51	1 2	23 28	0 9	19 29	1 22	4 26	0 43	18 21	0 44	25 49	2 7	18 0	17 34	27 11		n.a.
T 14	22 27	21 39	5 2	24 3	1 45	17 1	6 15	15 38	1 1	23 27	0 10	19 29	1 22	4 25	0 43	18 20	0 44	25 49	2 7	17 57	17 34	27 12		n.a.
F 15	22 19	17 41	5 2	23 46	1 47	17 2	6 14	15 26	1 1	23 27	0 10	19 29	1 21	4 24	0 43	18 20	0 44	25 50	2 7	17 54	17 33	27 13		n.a.
S 16	22 11	12 55	4 48	23 27	1 47	17 3	6 13	15 13	1 0	23 27	0 10	19 28	1 21	4 24	0 43	18 19	0 44	25 50	2 8	17 52	17 32	27 13		n.a.
S 17	22 2	7 34	4 20	23 6	1 47	17 5	6 12	14 59	1 0	23 26	0 10	19 28	1 21	4 23	0 43	18 19	0 44	25 50	2 8	17 50	17 31	27 14		n.a.
M18	21 53	1 47	3 38	22 42	1 47	17 8	6 10	14 46	0 59	23 26	0 10	19 28	1 21	4 22	0 43	18 18	0 44	25 50	2 8	17 49	17 30	27 14		n.a.
T 19	21 43	4n12	2 45	22 18	1 46	17 11	6 8	14 33	0 59	23 26	0 10	19 28	1 21	4 21	0 42	18 17	0 44	25 50	2 8	17 49	17 29	27 15		n.a.
W20	21 33	10 9	1 40	21 51	1 44	17 14	6 5	14 19	0 58	23 25	0 10	19 28	1 20	4 20	0 42	18 17	0 44	25 50	2 8	17 48	17 28	27 15		n.a.
T 21	21 23	15 48	0 29	21 23	1 42	17 18	6 3	14 6	0 58	23 25	0 11	19 27	1 20	4 19	0 42	18 16	0 44	25 50	2 8	17 49	17 27	27 16		n.a.
F 22	21 12	20 46	0n47	20 53	1 39	17 22	5 59	13 52	0 57	23 25	0 11	19 27	1 20	4 18	0 42	18 16	0 44	25 50	2 8	17 49	17 26	27 16		n.a.
S 23	21 1	24 35	2 1	20 23	1 36	17 27	5 56	13 38	0 57	23 25	0 11	19 27	1 20	4 17	0 42	18 15	0 44	25 50	2 8	17 48	17 26	27 17		n.a.
S 24	20 50	26 49	3 8	19 51	1 32	17 32	5 53	13 25	0 56	23 24	0 11	19 27	1 20	4 15	0 42	18 14	0 44	25 50	2 8	17 47	17 25	27 17		n.a.
M25	20 38	27 7	4 3	19 17	1 28	17 37	5 49	13 11	0 55	23 24	0 11	19 27	1 19	4 14	0 42	18 14	0 44	25 50	2 8	17 45	17 24	27 18		n.a.
T 26	20 26	25 23	4 42	18 43	1 23	17 42	5 45	12 57	0 55	23 24	0 11	19 27	1 19	4 13	0 42	18 13	0 44	25 50	2 8	17 42	17 23	27 18		n.a.
W27	20 13	21 52	5 0	18 8	1 19	17 48	5 40	12 42	0 54	23 24	0 11	19 27	1 19	4 12	0 42	18 13	0 44	25 51	2 9	17 40	17 22	27 19		n.a.
T 28	20 0	17 1	4 58	17 33	1 13	17 54	5 36	12 28	0 54	23 23	0 11	19 27	1 19	4 11	0 42	18 12	0 44	25 51	2 9	17 37	17 21	27 19		n.a.
F 29	19 47	11 20	4 37	16 56	1 8	18 0	5 31	12 14	0 53	23 23	0 12	19 27	1 19	4 10	0 42	18 11	0 44	25 51	2 9	17 34	17 20	27 20		n.a.
S 30	19 34	5 15	4 0	16 19	1 2	18 6	5 27	11 59	0 53	23 23	0 12	19 27	1 19	4 9	0 42	18 11	0 44	25 51	2 9	17 32	17 19	27 20		n.a.
S 31	19n20	0s53	3n11	15n42	0n56	18n13	5s22	11n45	0n52	23s23	0s12	19s27	1n18	4n 8	0n42	18n10	0n44	25n51	2n 9	17n31	17n18	27s21		n.a.

Julian Day Number = 1705168.5, Delta T = 03h03m33s
Ecliptic obliquity = 23°42'07, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°40'39, Lahiri = - 4°33'39 Julian Calendar 1 July 45 BCE == Greg. Calendar 29 June 045 BCE

The year -44 astronomical counting style corresponds to year 045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 45 BCE
geocentric

AUGUST 45 BCE (-44) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 28 57	5♌31'58	22♎26	22♌10	24♊37	2♍30	18°R18	1°R39	21♍21	11♌43	0♋47	18°R27	17♉41	3♏32	n.a.	M 1
T 2	20 32 54	6°30'02	4♏59	23°47	25°11	3° 9	18♐15	1♐39	21°24	11°45	0°48	18°D26	17°38	3°39	n.a.	T 2
W 3	20 36 50	7°28'08	17°14	25°23	25°46	3°48	18°12	1°38	21°27	11°47	0°50	18°R26	17°35	3°46	n.a.	W 3
T 4	20 40 47	8°26'16	29°15	26°58	26°23	4°27	18° 9	1°38	21°30	11°49	0°51	18♉26	17°32	3°52	n.a.	T 4
F 5	20 44 43	9°24'25	11♐ 7	28°32	27° 1	5° 6	18° 7	1°37	21°33	11°52	0°53	18°24	17°28	3°59	n.a.	F 5
S 6	20 48 40	10°22'36	22°56	0♍ 4	27°40	5°46	18° 5	1°37	21°36	11°54	0°54	18°20	17°25	4° 6	n.a.	S 6
S 7	20 52 36	11°20'49	4♏46	1°36	28°20	6°25	18° 3	1°37	21°39	11°56	0°55	18°13	17°22	4°12	n.a.	S 7
M 8	20 56 33	12°19'03	16°39	3° 6	29° 1	7° 4	18° 1	1°37	21°42	11°58	0°56	18° 3	17°19	4°19	n.a.	M 8
T 9	21 0 30	13°17'19	28°39	4°34	29°44	7°44	17°59	1°D37	21°45	12° 1	0°58	17°51	17°16	4°26	n.a.	T 9
W10	21 4 26	14°15'36	10♒47	6° 2	0♋27	8°23	17°58	1°37	21°49	12° 3	0°59	17°38	17°12	4°32	n.a.	W10
T 11	21 8 23	15°13'56	23° 4	7°28	1°11	9° 3	17°57	1°37	21°52	12° 5	1° 0	17°24	17° 9	4°39	n.a.	T 11
F 12	21 12 19	16°12'18	5♓30	8°53	1°56	9°42	17°56	1°37	21°55	12° 7	1° 2	17°11	17° 6	4°46	n.a.	F 12
S 13	21 16 16	17°10'41	18° 7	10°16	2°43	10°22	17°55	1°37	21°58	12°10	1° 3	17° 0	17° 3	4°53	n.a.	S 13
S 14	21 20 12	18° 9'07	0♈55	11°38	3°30	11° 1	17°54	1°38	22° 2	12°12	1° 4	16°51	17° 0	4°59	n.a.	S 14
M15	21 24 9	19° 7'34	13°53	12°59	4°17	11°41	17°54	1°39	22° 5	12°14	1° 5	16°46	16°57	5° 6	n.a.	M15
T 16	21 28 5	20° 6'05	27° 5	14°18	5° 6	12°21	17°53	1°39	22° 8	12°16	1° 6	16°43	16°53	5°13	n.a.	T 16
W17	21 32 2	21° 4'37	10♉32	15°36	5°55	13° 1	17°D53	1°40	22°12	12°18	1° 7	16°42	16°50	5°19	n.a.	W17
T 18	21 35 58	22° 3'12	24°14	16°53	6°46	13°40	17°53	1°41	22°15	12°21	1° 9	16°42	16°47	5°26	n.a.	T 18
F 19	21 39 55	23° 1'49	8♊14	18° 8	7°37	14°20	17°54	1°42	22°18	12°23	1°10	16°42	16°44	5°33	n.a.	F 19
S 20	21 43 52	24° 0'28	22°32	19°21	8°28	15° 0	17°54	1°43	22°22	12°25	1°11	16°39	16°41	5°39	n.a.	S 20
S 21	21 47 48	24°59'10	7♋ 5	20°32	9°21	15°40	17°55	1°44	22°25	12°27	1°12	16°35	16°38	5°46	n.a.	S 21
M22	21 51 45	25°57'54	21°50	21°42	10°14	16°20	17°56	1°45	22°29	12°29	1°13	16°27	16°34	5°53	n.a.	M22
T 23	21 55 41	26°56'41	6♌40	22°50	11° 7	17° 1	17°57	1°47	22°32	12°32	1°14	16°18	16°31	5°59	n.a.	T 23
W24	21 59 38	27°55'29	21°27	23°55	12° 1	17°41	17°58	1°48	22°36	12°34	1°15	16° 6	16°28	6° 6	n.a.	W24
T 25	22 3 34	28°54'20	6♍ 2	24°59	12°56	18°21	17°59	1°50	22°39	12°36	1°16	15°55	16°25	6°13	n.a.	T 25
F 26	22 7 31	29°53'12	20°18	26° 0	13°52	19° 1	18° 1	1°51	22°43	12°38	1°17	15°45	16°22	6°19	n.a.	F 26
S 27	22 11 27	0♍52'07	4♎10	26°58	14°48	19°42	18° 3	1°53	22°46	12°40	1°18	15°37	16°18	6°26	n.a.	S 27
S 28	22 15 24	1°51'03	17°35	27°54	15°44	20°22	18° 5	1°55	22°50	12°42	1°19	15°31	16°15	6°33	n.a.	S 28
M29	22 19 21	2°50'02	0♏34	28°47	16°41	21° 2	18° 7	1°57	22°54	12°44	1°20	15°28	16°12	6°40	n.a.	M29
T 30	22 23 17	3°49'02	13°10	29°36	17°39	21°43	18°10	1°59	22°57	12°47	1°21	15°D27	16° 9	6°46	n.a.	T 30
W31	22 27 14	4♍48'04	25♏26	0♎22	18♋36	22♍23	18♐12	2♐ 1	23♍ 1	12♌49	1♋22	15♉28	16♉ 6	6♏53	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	19n 6	6s46	2n13	15n 3	0n50	18n19	5s17	11n30	0n52	23s23	0s12	19s27	1n18	4n 6	0n42	18n10	0n44	25n51	2n 9	17n30	17n18	27s21			n.a.
T 2	18 51	12 13	1 11	14 25	0 43	18 25	5 12	11 15	0 51	23 22	0 12	19 27	1 18	4 5	0 42	18 9	0 44	25 51	2 9	17 30	17 17	27 21			n.a.
W 3	18 36	17 4	0 6	13 46	0 36	18 32	5 6	11 1	0 51	23 22	0 12	19 27	1 18	4 4	0 42	18 8	0 44	25 51	2 9	17 30	17 16	27 22			n.a.
T 4	18 21	21 8	0s57	13 7	0 29	18 38	5 1	10 46	0 50	23 22	0 12	19 27	1 18	4 3	0 42	18 8	0 44	25 51	2 9	17 30	17 15	27 22			n.a.
F 5	18 6	24 17	1 57	12 28	0 22	18 45	4 56	10 31	0 50	23 22	0 12	19 27	1 17	4 2	0 42	18 7	0 44	25 51	2 9	17 30	17 14	27 23			n.a.
S 6	17 50	26 22	2 52	11 48	0 15	18 51	4 50	10 16	0 49	23 22	0 12	19 27	1 17	4 0	0 42	18 7	0 44	25 51	2 9	17 28	17 13	27 23			n.a.
S 7	17 34	27 16	3 39	11 8	0 7	18 57	4 44	10 0	0 49	23 22	0 13	19 27	1 17	3 59	0 42	18 6	0 44	25 52	2 10	17 27	17 12	27 23			n.a.
M 8	17 17	26 54	4 17	10 28	0s 0	19 3	4 39	9 45	0 48	23 22	0 13	19 27	1 17	3 58	0 42	18 5	0 44	25 52	2 10	17 24	17 11	27 24			n.a.
T 9	17 1	25 16	4 43	9 49	0 8	19 9	4 33	9 30	0 48	23 22	0 13	19 28	1 17	3 57	0 42	18 5	0 44	25 52	2 10	17 20	17 10	27 24			n.a.
W10	16 44	22 29	4 57	9 9	0 16	19 15	4 27	9 15	0 47	23 22	0 13	19 28	1 16	3 55	0 42	18 4	0 44	25 52	2 10	17 17	17 9	27 25			n.a.
T 11	16 27	18 40	4 58	8 29	0 24	19 21	4 21	8 59	0 47	23 22	0 13	19 28	1 16	3 54	0 42	18 3	0 44	25 52	2 10	17 13	17 8	27 25			n.a.
F 12	16 9	14 0	4 45	7 50	0 32	19 26	4 15	8 44	0 46	23 22	0 13	19 28	1 16	3 53	0 42	18 3	0 44	25 52	2 10	17 9	17 8	27 25			n.a.
S 13	15 51	8 41	4 17	7 11	0 41	19 32	4 9	8 28	0 46	23 22	0 13	19 29	1 16	3 51	0 42	18 2	0 44	25 52	2 10	17 6	17 7	27 26			n.a.
S 14	15 33	2 56	3 36	6 31	0 49	19 36	4 3	8 12	0 45	23 22	0 13	19 29	1 16	3 50	0 42	18 2	0 44	25 52	2 10	17 3	17 6	27 26			n.a.
M15	15 15	3n 1	2 44	5 53	0 57	19 41	3 57	7 56	0 44	23 22	0 13	19 29	1 15	3 49	0 42	18 1	0 44	25 52	2 10	17 2	17 5	27 26			n.a.
T 16	14 57	8 58	1 42	5 14	1 5	19 46	3 51	7 41	0 44	23 22	0 13	19 30	1 15	3 47	0 42	18 0	0 44	25 52	2 11	17 1	17 4	27 27			n.a.
W17	14 38	14 38	0 33	4 36	1 14	19 50	3 45	7 25	0 43	23 22	0 14	19 30	1 15	3 46	0 42	18 0	0 44	25 52	2 11	17 1	17 3	27 27			n.a.
T 18	14 19	19 41	0n40	3 59	1 22	19 54	3 38	7 9	0 43	23 22	0 14	19 30	1 15	3 45	0 42	17 59	0 44	25 53	2 11	17 1	17 2	27 27			n.a.
F 19	13 59	23 45	1 51	3 21	1 31	19 57	3 32	6 53	0 42	23 22	0 14	19 31	1 15	3 43	0 42	17 58	0 44	25 53	2 11	17 1	17 1	27 27			n.a.
S 20	13 40	26 26	2 57	2 45	1 39	20 0	3 26	6 37	0 42	23 22	0 14	19 31	1 14	3 42	0 42	17 58	0 44	25 53	2 11	17 0	17 0	27 28			n.a.
S 21	13 20	27 23	3 53	2 9	1 47	20 3	3 20	6 20	0 41	23 23	0 14	19 31	1 14	3 40	0 42	17 57	0 44	25 53	2 11	16 59	16 59	27 28			n.a.
M22	13 0	26 25	4 34	1 34	1 55	20 5	3 14	6 4	0 41	23 23	0 14	19 32	1 14	3 39	0 42	17 57	0 44	25 53	2 11	16 56	16 58	27 28			n.a.
T 23	12 40	23 35	4 57	0 59	2 4	20 7	3 7	5 48	0 40	23 23	0 14	19 32	1 14	3 38	0 42	17 56	0 44	25 53	2 11	16 54	16 58	27 29			n.a.
W24	12 20	19 13	4 59	0 26	2 12	20 9	3 1	5 32	0 39	23 23	0 14	19 33	1 14	3 36	0 41	17 55	0 44	25 53	2 11	16 50	16 57	27 29			n.a.
T 25	11 59	13 46	4 43	0s 7	2 19	20 10	2 55	5 15	0 39	23 23	0 14	19 33	1 13	3 35	0 41	17 55	0 44	25 53	2 12	16 47	16 56	27 29			n.a.
F 26	11 38	7 41	4 8	0 38	2 27	20 11	2 49	4 59	0 38	23 24	0 14	19 34	1 13	3 33	0 41	17 54	0 44	25 53	2 12	16 44	16 55	27 29			n.a.
S 27	11 17	1 23	3 20	1 9	2 35	20 11	2 43	4 42	0 38	23 24	0 15	19 34	1 13	3 32	0 41	17 54	0 44	25 54	2 12	16 42	16 54	27 30			n.a.
S 28	10 56	4s47	2 22	1 38	2 42	20 11	2 36	4 26	0 37	23 24	0 15	19 35	1 13	3 30	0 41	17 53	0 44	25 54	2 12	16 40	16 53	27 30			n.a.
M29	10 35	10 35	1 18	2 5	2 49	20 10	2 30	4 9	0 37	23 25	0 15	19 36	1 13	3 29	0 41	17 52	0 44	25 54	2 12	16 39	16 52	27 30			n.a.
T 30	10 13	15 46	0 12	2 31	2 56	20 9	2 24	3 52	0 36	23 25	0 15	19 36	1 12	3 28	0 41	17 52	0 44	25 54	2 12	16 39	16 51	27 30			n.a.
W31	9n51	20s11	0s53	2s56	3s 2	20n 7	2s18	3n36	0n36	23s25	0s15	19s37	1n12	3n26	0n41	17n51	0n44	25n54	2n12	16n39	16n50	27s30			n.a.

Julian Day Number = 1705199.5, Delta T = 03h03m32s
Ecliptic obliquity = 23°42'07, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°40'35, Lahiri = - 4°33'35 Julian Calendar 1 Aug. 45 BCE == Greg. Calendar 30 July 045 BCE

The year -44 astronomical counting style corresponds to year 045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 45 BCE
geocentric

SEPTEMBER 45 BCE (-44) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 31 10	5♍47'08	7♐29	1♎ 5	19♋35	23♍ 4	18♐15	2♐ 3	23♍ 4	12♏51	1♋22	15°R28	16♉ 3	7♑ 0	n.a.	T 1
F 2	22 35 7	6°46'15	19°22	1°43	20°34	23°45	18°18	2° 5	23° 8	12°53	1°23	15♉27	15°59	7° 6	n.a.	F 2
S 3	22 39 3	7°45'22	1♑12	2°17	21°33	24°25	18°21	2° 8	23°12	12°55	1°24	15°24	15°56	7°13	n.a.	S 3
S 4	22 43 0	8°44'32	13° 3	2°46	22°33	25° 6	18°25	2°10	23°15	12°57	1°25	15°19	15°53	7°20	n.a.	S 4
M 5	22 46 56	9°43'44	25° 0	3°10	23°33	25°47	18°28	2°13	23°19	12°59	1°26	15°11	15°50	7°26	n.a.	M 5
T 6	22 50 53	10°42'58	7♒ 6	3°28	24°34	26°28	18°32	2°15	23°23	13° 1	1°26	15° 2	15°47	7°33	n.a.	T 6
W 7	22 54 50	11°42'13	19°23	3°39	25°35	27° 9	18°36	2°18	23°27	13° 3	1°27	14°50	15°44	7°40	n.a.	W 7
T 8	22 58 46	12°41'31	1♓53	3°R45	26°36	27°50	18°40	2°21	23°30	13° 5	1°28	14°39	15°40	7°47	n.a.	T 8
F 9	23 2 43	13°40'51	14°37	3°43	27°38	28°31	18°44	2°24	23°34	13° 7	1°28	14°28	15°37	7°53	n.a.	F 9
S 10	23 6 39	14°40'12	27°33	3°33	28°40	29°12	18°48	2°27	23°38	13° 9	1°29	14°19	15°34	8° 0	n.a.	S 10
S 11	23 10 36	15°39'36	10♈40	3°16	29°43	29°53	18°53	2°30	23°42	13°11	1°30	14°12	15°31	8° 7	n.a.	S 11
M12	23 14 32	16°39'03	23°59	2°50	0♌45	0♎34	18°58	2°33	23°45	13°13	1°30	14° 7	15°28	8°13	n.a.	M12
T 13	23 18 29	17°38'31	7♉29	2°17	1°49	1°15	19° 3	2°37	23°49	13°15	1°31	14° 5	15°24	8°20	n.a.	T 13
W14	23 22 25	18°38'02	21° 8	1°35	2°52	1°56	19° 8	2°40	23°53	13°17	1°31	14°D 5	15°21	8°27	n.a.	W14
T 15	23 26 22	19°37'36	4♊57	0°45	3°56	2°38	19°13	2°43	23°57	13°19	1°32	14° 6	15°18	8°33	n.a.	T 15
F 16	23 30 18	20°37'12	18°56	29♍48	5° 0	3°19	19°19	2°47	24° 0	13°21	1°32	14°R 7	15°15	8°40	n.a.	F 16
S 17	23 34 15	21°36'50	3♋ 5	28°44	6° 5	4° 1	19°24	2°50	24° 4	13°22	1°33	14° 6	15°12	8°47	n.a.	S 17
S 18	23 38 12	22°36'31	17°21	27°35	7° 9	4°42	19°30	2°54	24° 8	13°24	1°33	14° 4	15° 9	8°53	n.a.	S 18
M19	23 42 8	23°36'14	1♌43	26°22	8°15	5°24	19°36	2°58	24°12	13°26	1°34	13°59	15° 5	9° 0	n.a.	M19
T 20	23 46 5	24°36'00	16° 7	25° 8	9°20	6° 5	19°42	3° 2	24°15	13°28	1°34	13°52	15° 2	9° 7	n.a.	T 20
W21	23 50 1	25°35'48	0♍27	23°54	10°25	6°47	19°48	3° 6	24°19	13°30	1°35	13°45	14°59	9°14	n.a.	W21
T 22	23 53 58	26°35'37	14°38	22°43	11°31	7°29	19°55	3°10	24°23	13°31	1°35	13°37	14°56	9°20	n.a.	T 22
F 23	23 57 54	27°35'29	28°34	21°36	12°37	8°10	20° 1	3°14	24°27	13°33	1°35	13°29	14°53	9°27	n.a.	F 23
S 24	0 1 51	28°35'23	12♎12	20°36	13°44	8°52	20° 8	3°18	24°31	13°35	1°36	13°24	14°49	9°34	n.a.	S 24
S 25	0 5 47	29°35'19	25°29	19°45	14°50	9°34	20°15	3°22	24°34	13°36	1°36	13°20	14°46	9°40	n.a.	S 25
M26	0 9 44	0♎35'17	8♏24	19° 4	15°57	10°16	20°22	3°27	24°38	13°38	1°36	13°D18	14°43	9°47	n.a.	M26
T 27	0 13 41	1°35'17	20°59	18°33	17° 4	10°58	20°29	3°31	24°42	13°40	1°36	13°19	14°40	9°54	n.a.	T 27
W28	0 17 37	2°35'19	3♐17	18°14	18°12	11°40	20°37	3°36	24°46	13°41	1°36	13°20	14°37	10° 0	n.a.	W28
T 29	0 21 34	3°35'22	15°20	18°D 6	19°19	12°22	20°44	3°40	24°49	13°43	1°37	13°22	14°34	10° 7	n.a.	T 29
F 30	0 25 30	4♎35'28	27♐15	18♍ 9	20♌27	13♎ 4	20♐52	3♐45	24♍53	13♌45	1♋37	13♉23	14♉30	10♑14	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9n29	23s41	1s54	3s18	3s 8	20n 5	2s12	3n19	0n35	23s25	0s15	19s37	1n12	3n25	0n41	17n51	0n44	25n54	2n12	16n39	16n49	27s31		n.a.
F 2	9 7	26 6	2 50	3 39	3 14	20 2	2 6	3 2	0 34	23 26	0 15	19 38	1 12	3 23	0 41	17 50	0 44	25 54	2 12	16 39	16 48	27 31		n.a.
S 3	8 45	27 20	3 38	3 57	3 19	19 59	2 0	2 45	0 34	23 26	0 15	19 39	1 12	3 22	0 41	17 50	0 44	25 54	2 13	16 38	16 47	27 31		n.a.
S 4	8 23	27 19	4 17	4 13	3 23	19 55	1 54	2 29	0 33	23 27	0 15	19 39	1 12	3 20	0 41	17 49	0 44	25 54	2 13	16 36	16 46	27 31		n.a.
M 5	8 0	26 2	4 45	4 26	3 27	19 51	1 48	2 12	0 33	23 27	0 15	19 40	1 11	3 19	0 41	17 48	0 44	25 54	2 13	16 34	16 46	27 31		n.a.
T 6	7 38	23 32	5 0	4 36	3 30	19 46	1 42	1 55	0 32	23 27	0 15	19 41	1 11	3 17	0 41	17 48	0 44	25 55	2 13	16 31	16 45	27 31		n.a.
W 7	7 15	19 56	5 2	4 42	3 32	19 41	1 36	1 38	0 32	23 28	0 15	19 41	1 11	3 16	0 41	17 47	0 44	25 55	2 13	16 28	16 44	27 32		n.a.
T 8	6 52	15 25	4 50	4 45	3 33	19 35	1 30	1 21	0 31	23 28	0 16	19 42	1 11	3 14	0 41	17 47	0 44	25 55	2 13	16 25	16 43	27 32		n.a.
F 9	6 29	10 9	4 23	4 45	3 33	19 29	1 25	1 4	0 30	23 29	0 16	19 43	1 11	3 13	0 41	17 46	0 44	25 55	2 13	16 21	16 42	27 32		n.a.
S 10	6 6	4 22	3 42	4 40	3 32	19 22	1 19	0 47	0 30	23 29	0 16	19 44	1 10	3 11	0 41	17 46	0 44	25 55	2 13	16 18	16 41	27 32		n.a.
S 11	5 43	1n41	2 49	4 30	3 29	19 15	1 13	0 30	0 29	23 30	0 16	19 45	1 10	3 10	0 41	17 45	0 44	25 55	2 14	16 16	16 40	27 32		n.a.
M12	5 20	7 47	1 45	4 16	3 25	19 7	1 7	0 13	0 29	23 30	0 16	19 45	1 10	3 8	0 41	17 45	0 44	25 55	2 14	16 15	16 39	27 32		n.a.
T 13	4 56	13 36	0 35	3 57	3 19	18 58	1 2	0s 4	0 28	23 31	0 16	19 46	1 10	3 7	0 41	17 44	0 44	25 55	2 14	16 15	16 38	27 32		n.a.
W14	4 33	18 51	0n38	3 33	3 11	18 49	0 56	0 22	0 28	23 31	0 16	19 47	1 10	3 5	0 41	17 44	0 44	25 56	2 14	16 15	16 37	27 32		n.a.
T 15	4 9	23 9	1 50	3 4	3 1	18 39	0 51	0 39	0 27	23 32	0 16	19 48	1 10	3 4	0 41	17 43	0 44	25 56	2 14	16 15	16 36	27 32		n.a.
F 16	3 45	26 9	2 56	2 31	2 50	18 29	0 46	0 56	0 26	23 32	0 16	19 49	1 9	3 2	0 41	17 42	0 44	25 56	2 14	16 15	16 35	27 33		n.a.
S 17	3 22	27 32	3 52	1 53	2 36	18 19	0 40	1 13	0 26	23 33	0 16	19 50	1 9	3 1	0 41	17 42	0 44	25 56	2 14	16 15	16 34	27 33		n.a.
S 18	2 58	27 6	4 34	1 11	2 21	18 7	0 35	1 30	0 25	23 33	0 16	19 50	1 9	2 59	0 41	17 41	0 44	25 56	2 14	16 14	16 33	27 33		n.a.
M19	2 34	24 52	5 0	0 26	2 4	17 55	0 30	1 47	0 25	23 34	0 16	19 51	1 9	2 58	0 41	17 41	0 45	25 56	2 15	16 13	16 32	27 33		n.a.
T 20	2 10	21 3	5 7	0n21	1 46	17 43	0 25	2 5	0 24	23 34	0 16	19 52	1 9	2 56	0 41	17 40	0 45	25 56	2 15	16 11	16 31	27 33		n.a.
W21	1 46	16 1	4 54	1 8	1 26	17 30	0 20	2 22	0 23	23 35	0 17	19 53	1 9	2 55	0 41	17 40	0 45	25 56	2 15	16 8	16 31	27 33		n.a.
T 22	1 22	10 9	4 24	1 55	1 6	17 17	0 15	2 39	0 23	23 35	0 17	19 54	1 8	2 53	0 41	17 39	0 45	25 56	2 15	16 6	16 30	27 33		n.a.
F 23	0 58	3 54	3 38	2 41	0 45	17 3	0 10	2 56	0 22	23 36	0 17	19 55	1 8	2 52	0 41	17 39	0 45	25 57	2 15	16 4	16 29	27 33		n.a.
S 24	0 34	2s25	2 40	3 23	0 25	16 48	0 5	3 13	0 22	23 37	0 17	19 56	1 8	2 50	0 41	17 39	0 45	25 57	2 15	16 2	16 28	27 33		n.a.
S 25	0 10	8 29	1 35	4 2	0 5	16 33	0 0	3 31	0 21	23 37	0 17	19 57	1 8	2 48	0 41	17 38	0 45	25 57	2 15	16 1	16 27	27 33		n.a.
M26	0s14	14 3	0 27	4 36	0n15	16 18	0n 4	3 48	0 20	23 38	0 17	19 58	1 8	2 47	0 41	17 38	0 45	25 57	2 15	16 0	16 26	27 33		n.a.
T 27	0 38	18 52	0s42	5 5	0 33	16 2	0 9	4 5	0 20	23 38	0 17	19 59	1 8	2 45	0 41	17 37	0 45	25 57	2 16	16 0	16 25	27 33		n.a.
W28	1 2	22 47	1 46	5 28	0 49	15 46	0 14	4 22	0 19	23 39	0 17	20 0	1 7	2 44	0 41	17 37	0 45	25 57	2 16	16 1	16 24	27 33		n.a.
T 29	1 27	25 37	2 45	5 45	1 4	15 29	0 18	4 39	0 19	23 40	0 17	20 1	1 7	2 42	0 41	17 36	0 45	25 57	2 16	16 1	16 23	27 33		n.a.
F 30	1s51	27s17	3s36	5n56	1n18	15n11	0n22	4s56	0n18	23s40	0s17	20s 2	1n 7	2n41	0n41	17n36	0n45	25n57	2n16	16n 2	16n22	27s33		n.a.

Julian Day Number = 1705230.5, Delta T = 03h03m31s
Ecliptic obliquity = 23°42'08, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°40'31, Lahiri = - 4°33'30 Julian Calendar 1 Sept. 45 BCE == Greg. Calendar 30 Aug. 045 BCE

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ASTRODIENST EPHEMERIS for the year 45 BCE
geocentric

OCTOBER 45 BCE (-44) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 29 27	5♎35'34	9♉ 6	18♍23	21♌35	13♎46	21♐ 0	3♐49	24♍57	13♌46	1♋37	13°R23	14♉27	10♉21	n.a.	S 1
S 2	0 33 23	6°35'43	20°59	18°48	22°43	14°29	21° 8	3°54	25° 1	13°48	1°37	13♉22	14°24	10°27	n.a.	S 2
M 3	0 37 20	7°35'53	2♒57	19°22	23°51	15°11	21°16	3°59	25° 4	13°49	1°37	13°19	14°21	10°34	n.a.	M 3
T 4	0 41 16	8°36'05	15° 6	20° 5	25° 0	15°53	21°24	4° 4	25° 8	13°51	1°37	13°14	14°18	10°41	n.a.	T 4
W 5	0 45 13	9°36'19	27°29	20°55	26° 9	16°36	21°33	4° 9	25°12	13°52	1°R37	13° 9	14°15	10°47	n.a.	W 5
T 6	0 49 10	10°36'34	10♓ 8	21°52	27°17	17°18	21°41	4°14	25°16	13°53	1°37	13° 3	14°11	10°54	n.a.	T 6
F 7	0 53 6	11°36'51	23° 5	22°56	28°26	18° 1	21°50	4°19	25°19	13°55	1°37	12°58	14° 8	11° 1	n.a.	F 7
S 8	0 57 3	12°37'09	6♈19	24° 5	29°36	18°43	21°59	4°24	25°23	13°56	1°37	12°53	14° 5	11° 7	n.a.	S 8
S 9	1 0 59	13°37'29	19°50	25°18	0♍45	19°26	22° 7	4°29	25°27	13°57	1°37	12°50	14° 2	11°14	n.a.	S 9
M10	1 4 56	14°37'52	3♉34	26°35	1°55	20° 8	22°17	4°35	25°30	13°59	1°37	12°48	13°59	11°21	n.a.	M10
T 11	1 8 52	15°38'16	17°30	27°55	3° 5	20°51	22°26	4°40	25°34	14° 0	1°37	12°D48	13°55	11°28	n.a.	T 11
W12	1 12 49	16°38'42	1♊34	29°19	4°14	21°34	22°35	4°45	25°37	14° 1	1°36	12°49	13°52	11°34	n.a.	W12
T 13	1 16 45	17°39'10	15°43	0♎44	5°25	22°17	22°44	4°51	25°41	14° 3	1°36	12°50	13°49	11°41	n.a.	T 13
F 14	1 20 42	18°39'40	29°55	2°12	6°35	23° 0	22°54	4°56	25°45	14° 4	1°36	12°52	13°46	11°48	n.a.	F 14
S 15	1 24 39	19°40'12	14♋ 6	3°41	7°45	23°42	23° 4	5° 2	25°48	14° 5	1°36	12°R53	13°43	11°54	n.a.	S 15
S 16	1 28 35	20°40'46	28°16	5°11	8°56	24°25	23°13	5° 8	25°52	14° 6	1°35	12°53	13°40	12° 1	n.a.	S 16
M17	1 32 32	21°41'22	12♌22	6°43	10° 6	25° 9	23°23	5°13	25°55	14° 7	1°35	12°51	13°36	12° 8	n.a.	M17
T 18	1 36 28	22°42'00	26°23	8°15	11°17	25°52	23°33	5°19	25°59	14° 8	1°35	12°49	13°33	12°14	n.a.	T 18
W19	1 40 25	23°42'40	10♍15	9°48	12°28	26°35	23°44	5°25	26° 2	14° 9	1°34	12°47	13°30	12°21	n.a.	W19
T 20	1 44 21	24°43'21	23°57	11°22	13°39	27°18	23°54	5°31	26° 6	14°10	1°34	12°44	13°27	12°28	n.a.	T 20
F 21	1 48 18	25°44'04	7♎26	12°56	14°51	28° 1	24° 4	5°37	26° 9	14°11	1°34	12°42	13°24	12°35	n.a.	F 21
S 22	1 52 14	26°44'49	20°41	14°30	16° 2	28°45	24°15	5°43	26°12	14°12	1°33	12°40	13°21	12°41	n.a.	S 22
S 23	1 56 11	27°45'35	3♏41	16° 5	17°13	29°28	24°25	5°49	26°16	14°13	1°33	12°39	13°17	12°48	n.a.	S 23
M24	2 0 7	28°46'23	16°24	17°40	18°25	0♏11	24°36	5°55	26°19	14°14	1°32	12°D39	13°14	12°55	n.a.	M24
T 25	2 4 4	29°47'12	28°52	19°14	19°37	0°55	24°47	6° 1	26°22	14°15	1°32	12°39	13°11	13° 1	n.a.	T 25
W26	2 8 1	0♏48'02	11♐ 6	20°49	20°48	1°38	24°58	6° 7	26°26	14°16	1°31	12°40	13° 8	13° 8	n.a.	W26
T 27	2 11 57	1°48'53	23° 9	22°24	22° 0	2°22	25° 9	6°13	26°29	14°16	1°31	12°41	13° 5	13°15	n.a.	T 27
F 28	2 15 54	2°49'46	5♑ 4	23°59	23°12	3° 5	25°20	6°19	26°32	14°17	1°30	12°42	13° 1	13°21	n.a.	F 28
S 29	2 19 50	3°50'40	16°55	25°34	24°24	3°49	25°31	6°26	26°36	14°18	1°30	12°43	12°58	13°28	n.a.	S 29
S 30	2 23 47	4°51'34	28°47	27° 8	25°37	4°33	25°42	6°32	26°39	14°19	1°29	12°44	12°55	13°35	n.a.	S 30
M31	2 27 43	5♏52'30	10♒44	28♎43	26♍49	5♏17	25♐54	6♐38	26♍42	14♌19	1♋28	12°R44	12♉52	13♑42	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s15	27s40	4s18	6n 1	1n30	14n53	0n27	5s13	0n17	23s41	0s17	20s 3	1n 7	2n39	0n41	17n35	0n45	25n58	2n16	16n 2	16n21	27s33		n.a.
S 2	2 39	26 47	4 48	6 0	1 40	14 35	0 31	5 31	0 17	23 41	0 17	20 4	1 7	2 38	0 41	17 35	0 45	25 58	2 16	16 1	16 20	27 33		n.a.
M 3	3 3	24 40	5 6	5 55	1 48	14 16	0 35	5 48	0 16	23 42	0 17	20 5	1 7	2 36	0 41	17 35	0 45	25 58	2 16	16 0	16 19	27 33		n.a.
T 4	3 27	21 26	5 11	5 44	1 55	13 56	0 39	6 5	0 16	23 43	0 17	20 6	1 6	2 35	0 41	17 34	0 45	25 58	2 16	15 59	16 18	27 32		n.a.
W 5	3 51	17 11	5 2	5 29	2 1	13 37	0 43	6 22	0 15	23 43	0 18	20 7	1 6	2 34	0 41	17 34	0 45	25 58	2 17	15 57	16 17	27 32		n.a.
T 6	4 15	12 7	4 38	5 10	2 5	13 16	0 47	6 39	0 14	23 44	0 18	20 8	1 6	2 32	0 41	17 33	0 45	25 58	2 17	15 56	16 16	27 32		n.a.
F 7	4 39	6 25	3 59	4 48	2 8	12 56	0 50	6 56	0 14	23 44	0 18	20 10	1 6	2 31	0 41	17 33	0 45	25 58	2 17	15 54	16 15	27 32		n.a.
S 8	5 2	0 19	3 6	4 22	2 10	12 35	0 54	7 13	0 13	23 45	0 18	20 11	1 6	2 29	0 41	17 33	0 45	25 58	2 17	15 53	16 14	27 32		n.a.
S 9	5 26	5n57	2 3	3 53	2 11	12 13	0 57	7 30	0 13	23 46	0 18	20 12	1 6	2 28	0 41	17 32	0 45	25 59	2 17	15 52	16 13	27 32		n.a.
M10	5 50	12 3	0 50	3 22	2 11	11 51	1 1	7 46	0 12	23 46	0 18	20 13	1 6	2 26	0 41	17 32	0 45	25 59	2 17	15 51	16 12	27 32		n.a.
T 11	6 13	17 39	0n26	2 49	2 10	11 29	1 4	8 3	0 11	23 47	0 18	20 14	1 5	2 25	0 41	17 32	0 45	25 59	2 17	15 51	16 12	27 32		n.a.
W12	6 37	22 21	1 41	2 14	2 8	11 6	1 7	8 20	0 11	23 48	0 18	20 15	1 5	2 23	0 41	17 31	0 45	25 59	2 17	15 51	16 11	27 32		n.a.
T 13	7 0	25 46	2 51	1 38	2 6	10 43	1 11	8 37	0 10	23 48	0 18	20 16	1 5	2 22	0 41	17 31	0 45	25 59	2 18	15 52	16 10	27 31		n.a.
F 14	7 23	27 33	3 51	1 0	2 3	10 20	1 14	8 53	0 9	23 49	0 18	20 17	1 5	2 20	0 41	17 31	0 45	25 59	2 18	15 52	16 9	27 31		n.a.
S 15	7 47	27 31	4 36	0 21	2 0	9 56	1 17	9 10	0 9	23 49	0 18	20 19	1 5	2 19	0 41	17 30	0 45	25 59	2 18	15 52	16 8	27 31		n.a.
S 16	8 10	25 42	5 5	0s19	1 56	9 32	1 19	9 27	0 8	23 50	0 18	20 20	1 5	2 18	0 41	17 30	0 45	26 0	2 18	15 52	16 7	27 31		n.a.
M17	8 33	22 18	5 15	1 0	1 51	9 8	1 22	9 43	0 8	23 50	0 18	20 21	1 5	2 16	0 41	17 30	0 45	26 0	2 18	15 52	16 6	27 31		n.a.
T 18	8 55	17 39	5 6	1 41	1 47	8 43	1 25	9 59	0 7	23 51	0 18	20 22	1 4	2 15	0 41	17 30	0 45	26 0	2 18	15 51	16 5	27 31		n.a.
W19	9 18	12 7	4 40	2 22	1 41	8 18	1 27	10 16	0 6	23 52	0 19	20 23	1 4	2 13	0 41	17 29	0 45	26 0	2 18	15 51	16 4	27 30		n.a.
T 20	9 41	6 3	3 57	3 4	1 36	7 52	1 30	10 32	0 6	23 52	0 19	20 24	1 4	2 12	0 41	17 29	0 46	26 0	2 18	15 50	16 3	27 30		n.a.
F 21	10 3	0s12	3 2	3 47	1 30	7 27	1 32	10 48	0 5	23 53	0 19	20 26	1 4	2 11	0 41	17 29	0 46	26 0	2 19	15 49	16 2	27 30		n.a.
S 22	10 25	6 20	1 58	4 29	1 25	7 1	1 34	11 5	0 4	23 53	0 19	20 27	1 4	2 9	0 41	17 29	0 46	26 0	2 19	15 48	16 1	27 30		n.a.
S 23	10 47	12 6	0 49	5 11	1 19	6 35	1 37	11 21	0 4	23 54	0 19	20 28	1 4	2 8	0 41	17 28	0 46	26 0	2 19	15 48	16 0	27 30		n.a.
M24	11 9	17 15	0s21	5 54	1 12	6 8	1 39	11 37	0 3	23 54	0 19	20 29	1 4	2 7	0 41	17 28	0 46	26 1	2 19	15 48	15 59	27 29		n.a.
T 25	11 31	21 34	1 29	6 36	1 6	5 42	1 41	11 53	0 2	23 55	0 19	20 30	1 3	2 5	0 41	17 28	0 46	26 1	2 19	15 48	15 58	27 29		n.a.
W26	11 53	24 51	2 31	7 18	1 0	5 15	1 42	12 9	0 2	23 55	0 19	20 32	1 3	2 4	0 41	17 28	0 46	26 1	2 19	15 49	15 57	27 29		n.a.
T 27	12 14	26 57	3 26	8 0	0 53	4 48	1 44	12 24	0 1	23 56	0 19	20 33	1 3	2 3	0 42	17 27	0 46	26 1	2 19	15 49	15 56	27 29		n.a.
F 28	12 35	27 47	4 11	8 41	0 46	4 21	1 46	12 40	0 1	23 56	0 19	20 34	1 3	2 1	0 42	17 27	0 46	26 1	2 19	15 49	15 55	27 28		n.a.
S 29	12 56	27 20	4 46	9 22	0 40	3 53	1 47	12 56	0s 0	23 57	0 19	20 35	1 3	2 0	0 42	17 27	0 46	26 1	2 20	15 50	15 54	27 28		n.a.
S 30	13 17	25 39	5 8	10 3	0 33	3 25	1 49	13 11	0 1	23 57	0 19	20 36	1 3	1 59	0 42	17 27	0 46	26 1	2 20	15 50	15 53	27 28		n.a.
M31	13s38	22s48	5s17	10s44	0n26	2n58	1n50	13s27	0s 1	23s58	0s19	20s38	1n 3	1n58	0n42	17n27	0n46	26n 1	2n20	15n50	15n52	27s28		n.a.

Julian Day Number = 1705260.5, Delta T = 03h03m30s
Ecliptic obliquity = 23°42'08, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°40'27, Lahiri = - 4°33'26 Julian Calendar 1 Oct. 45 BCE == Greg. Calendar 29 Sept. 045 BCE

The year -44 astronomical counting style corresponds to year 045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 45 BCE
geocentric

NOVEMBER 45 BCE (-44) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 31 40	6♏53'26	22♒52	0♏18	28♍ 1	6♏ 0	26♐ 5	6♐45	26♍45	14♌20	1°R28	12°R43	12♉49	13♑48	n.a.	T 1
W 2	2 35 37	7°54'23	5♓14	1°52	29°14	6°44	26°17	6°51	26°48	14°20	1♋27	12♉43	12°46	13°55	n.a.	W 2
T 3	2 39 33	8°55'22	17°54	3°27	0♎26	7°28	26°28	6°58	26°51	14°21	1°26	12°42	12°42	14° 2	n.a.	T 3
F 4	2 43 30	9°56'21	0♈55	5° 1	1°39	8°12	26°40	7° 4	26°54	14°21	1°26	12°42	12°39	14° 8	n.a.	F 4
S 5	2 47 26	10°57'20	14°20	6°35	2°52	8°56	26°52	7°11	26°57	14°22	1°25	12°42	12°36	14°15	n.a.	S 5
S 6	2 51 23	11°58'21	28° 7	8°10	4° 4	9°40	27° 4	7°17	27° 0	14°22	1°24	12°42	12°33	14°22	n.a.	S 6
M 7	2 55 19	12°59'23	12♉14	9°44	5°17	10°24	27°16	7°24	27° 3	14°23	1°23	12°41	12°30	14°29	n.a.	M 7
T 8	2 59 16	14° 0'26	26°37	11°18	6°30	11° 8	27°28	7°31	27° 6	14°23	1°22	12°41	12°26	14°35	n.a.	T 8
W 9	3 3 12	15° 1'30	11♊10	12°52	7°43	11°53	27°40	7°37	27° 9	14°24	1°22	12°41	12°23	14°42	n.a.	W 9
T 10	3 7 9	16° 2'34	25°49	14°27	8°56	12°37	27°52	7°44	27°12	14°24	1°21	12°41	12°20	14°49	n.a.	T 10
F 11	3 11 6	17° 3'40	10♋25	16° 1	10° 9	13°21	28° 5	7°51	27°14	14°24	1°20	12°41	12°17	14°55	n.a.	F 11
S 12	3 15 2	18° 4'47	24°54	17°35	11°23	14° 6	28°17	7°58	27°17	14°24	1°19	12°40	12°14	15° 2	n.a.	S 12
S 13	3 18 59	19° 5'55	9♌12	19°10	12°36	14°50	28°29	8° 4	27°20	14°25	1°18	12°40	12°11	15° 9	n.a.	S 13
M14	3 22 55	20° 7'04	23°15	20°44	13°49	15°34	28°42	8°11	27°23	14°25	1°17	12°D40	12° 7	15°16	n.a.	M14
T 15	3 26 52	21° 8'14	7♍ 3	22°19	15° 3	16°19	28°55	8°18	27°25	14°25	1°16	12°40	12° 4	15°22	n.a.	T 15
W16	3 30 48	22° 9'25	20°36	23°54	16°16	17° 3	29° 7	8°25	27°28	14°25	1°15	12°41	12° 1	15°29	n.a.	W16
T 17	3 34 45	23°10'37	3♎54	25°29	17°30	17°48	29°20	8°32	27°30	14°25	1°14	12°42	11°58	15°36	n.a.	T 17
F 18	3 38 41	24°11'49	16°58	27° 4	18°43	18°33	29°33	8°39	27°33	14°R25	1°13	12°43	11°55	15°42	n.a.	F 18
S 19	3 42 38	25°13'03	29°48	28°39	19°57	19°17	29°46	8°46	27°35	14°25	1°12	12°43	11°52	15°49	n.a.	S 19
S 20	3 46 35	26°14'17	12♏26	0♐14	21°11	20° 2	29°59	8°52	27°38	14°25	1°11	12°R44	11°48	15°56	n.a.	S 20
M21	3 50 31	27°15'31	24°53	1°49	22°25	20°47	0♑12	8°59	27°40	14°25	1°10	12°43	11°45	16° 2	n.a.	M21
T 22	3 54 28	28°16'46	7♐ 9	3°25	23°38	21°32	0°25	9° 6	27°42	14°25	1° 9	12°42	11°42	16° 9	n.a.	T 22
W23	3 58 24	29°18'02	19°16	5° 1	24°52	22°17	0°38	9°13	27°45	14°25	1° 8	12°40	11°39	16°16	n.a.	W23
T 24	4 2 21	0♐19'17	1♑16	6°37	26° 6	23° 2	0°51	9°20	27°47	14°25	1° 7	12°37	11°36	16°23	n.a.	T 24
F 25	4 6 17	1°20'33	13° 9	8°13	27°20	23°46	1° 4	9°27	27°49	14°24	1° 6	12°34	11°32	16°29	n.a.	F 25
S 26	4 10 14	2°21'49	25° 0	9°49	28°34	24°32	1°18	9°34	27°51	14°24	1° 5	12°31	11°29	16°36	n.a.	S 26
S 27	4 14 10	3°23'05	6♒51	11°26	29°48	25°17	1°31	9°41	27°53	14°24	1° 3	12°28	11°26	16°43	n.a.	S 27
M28	4 18 7	4°24'20	18°46	13° 3	1♏ 2	26° 2	1°44	9°48	27°55	14°24	1° 2	12°26	11°23	16°49	n.a.	M28
T 29	4 22 4	5°25'36	0♓50	14°39	2°16	26°47	1°58	9°56	27°57	14°23	1° 1	12°D25	11°20	16°56	n.a.	T 29
W30	4 26 0	6♐26'51	13♓ 7	16♐16	3♏30	27♏32	2♑11	10♐ 3	27♍59	14♌23	1♋ 0	12♉25	11♉17	17♑ 3	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s58	18s57	5s12	11s24	0n20	2n30	1n51	13s42	0s 2	23s58	0s19	20s39	1n 3	1n56	0n42	17n27	0n46	26n 2	2n20	15n50	15n51	27s27		n.a.
W 2	14 18	14 14	4 53	12 3	0 13	2 2	1 52	13 57	0 3	23 58	0 19	20 40	1 3	1 55	0 42	17 26	0 46	26 2	2 20	15 49	15 50	27 27		n.a.
T 3	14 38	8 48	4 19	12 42	0 6	1 33	1 54	14 12	0 3	23 59	0 20	20 41	1 2	1 54	0 42	17 26	0 46	26 2	2 20	15 49	15 49	27 27		n.a.
F 4	14 57	2 51	3 32	13 21	0s 1	1 5	1 54	14 27	0 4	23 59	0 20	20 42	1 2	1 53	0 42	17 26	0 46	26 2	2 20	15 49	15 48	27 26		n.a.
S 5	15 17	3n24	2 31	13 59	0 7	0 37	1 55	14 42	0 5	24 0	0 20	20 44	1 2	1 52	0 42	17 26	0 46	26 2	2 20	15 49	15 47	27 26		n.a.
S 6	15 36	9 40	1 20	14 36	0 14	0 8	1 56	14 57	0 5	24 0	0 20	20 45	1 2	1 50	0 42	17 26	0 46	26 2	2 21	15 49	15 46	27 26		n.a.
M 7	15 55	15 38	0 3	15 13	0 20	0s20	1 57	15 12	0 6	24 0	0 20	20 46	1 2	1 49	0 42	17 26	0 46	26 2	2 21	15 49	15 45	27 25		n.a.
T 8	16 13	20 51	1n17	15 49	0 27	0 49	1 57	15 26	0 6	24 1	0 20	20 47	1 2	1 48	0 42	17 26	0 46	26 2	2 21	15 49	15 44	27 25		n.a.
W 9	16 31	24 52	2 32	16 24	0 33	1 18	1 58	15 41	0 7	24 1	0 20	20 48	1 2	1 47	0 42	17 26	0 46	26 3	2 21	15 49	15 43	27 25		n.a.
T 10	16 49	27 15	3 37	16 58	0 39	1 47	1 58	15 55	0 8	24 1	0 20	20 50	1 2	1 46	0 42	17 26	0 46	26 3	2 21	15 49	15 42	27 24		n.a.
F 11	17 7	27 45	4 28	17 32	0 45	2 15	1 58	16 9	0 8	24 1	0 20	20 51	1 2	1 45	0 42	17 26	0 46	26 3	2 21	15 49	15 41	27 24		n.a.
S 12	17 24	26 20	5 2	18 5	0 51	2 44	1 58	16 23	0 9	24 2	0 20	20 52	1 1	1 44	0 42	17 26	0 46	26 3	2 21	15 49	15 40	27 24		n.a.
S 13	17 41	23 14	5 16	18 37	0 57	3 13	1 59	16 37	0 10	24 2	0 20	20 53	1 1	1 43	0 42	17 26	0 46	26 3	2 21	15 48	15 39	27 23		n.a.
M14	17 58	18 49	5 12	19 9	1 3	3 42	1 59	16 51	0 10	24 2	0 20	20 54	1 1	1 42	0 42	17 26	0 46	26 3	2 21	15 48	15 39	27 23		n.a.
T 15	18 14	13 28	4 49	19 39	1 9	4 10	1 58	17 4	0 11	24 2	0 20	20 55	1 1	1 41	0 42	17 26	0 46	26 3	2 22	15 49	15 38	27 22		n.a.
W16	18 31	7 35	4 10	20 9	1 14	4 39	1 58	17 18	0 12	24 2	0 20	20 57	1 1	1 40	0 42	17 26	0 47	26 3	2 22	15 49	15 37	27 22		n.a.
T 17	18 46	1 28	3 19	20 37	1 19	5 8	1 58	17 31	0 12	24 3	0 21	20 58	1 1	1 39	0 42	17 26	0 47	26 4	2 22	15 49	15 36	27 22		n.a.
F 18	19 2	4s37	2 18	21 5	1 24	5 36	1 58	17 44	0 13	24 3	0 21	20 59	1 1	1 38	0 42	17 26	0 47	26 4	2 22	15 49	15 35	27 21		n.a.
S 19	19 17	10 25	1 11	21 32	1 29	6 5	1 57	17 57	0 14	24 3	0 21	21 0	1 1	1 37	0 42	17 26	0 47	26 4	2 22	15 50	15 34	27 21		n.a.
S 20	19 31	15 43	0 2	21 57	1 34	6 33	1 57	18 10	0 14	24 3	0 21	21 1	1 1	1 36	0 42	17 26	0 47	26 4	2 22	15 50	15 33	27 20		n.a.
M21	19 46	20 17	1s 7	22 22	1 38	7 1	1 56	18 23	0 15	24 3	0 21	21 2	1 1	1 35	0 42	17 26	0 47	26 4	2 22	15 50	15 32	27 20		n.a.
T 22	20 0	23 54	2 11	22 45	1 43	7 30	1 55	18 36	0 15	24 3	0 21	21 4	1 1	1 34	0 42	17 26	0 47	26 4	2 22	15 49	15 31	27 19		n.a.
W23	20 13	26 23	3 8	23 7	1 47	7 58	1 54	18 48	0 16	24 3	0 21	21 5	1 1	1 33	0 42	17 26	0 47	26 4	2 22	15 49	15 30	27 19		n.a.
T 24	20 26	27 38	3 57	23 28	1 50	8 26	1 53	19 0	0 17	24 3	0 21	21 6	1 0	1 32	0 42	17 26	0 47	26 4	2 22	15 48	15 29	27 18		n.a.
F 25	20 39	27 36	4 34	23 47	1 54	8 53	1 53	19 12	0 17	24 3	0 21	21 7	1 0	1 31	0 42	17 26	0 47	26 4	2 23	15 47	15 28	27 18		n.a.
S 26	20 52	26 17	5 0	24 5	1 57	9 21	1 52	19 24	0 18	24 3	0 21	21 8	1 0	1 30	0 42	17 26	0 47	26 5	2 23	15 46	15 27	27 17		n.a.
S 27	21 4	23 48	5 13	24 22	2 0	9 48	1 50	19 36	0 19	24 3	0 21	21 9	1 0	1 30	0 42	17 26	0 47	26 5	2 23	15 45	15 26	27 17		n.a.
M28	21 15	20 18	5 13	24 38	2 2	10 15	1 49	19 47	0 19	24 3	0 21	21 10	1 0	1 29	0 42	17 26	0 47	26 5	2 23	15 44	15 25	27 16		n.a.
T 29	21 27	15 56	4 59	24 52	2 4	10 42	1 48	19 58	0 20	24 3	0 21	21 12	1 0	1 28	0 42	17 27	0 47	26 5	2 23	15 44	15 24	27 16		n.a.
W30	21s37	10s52	4s31	25s 4	2s 6	11s 9	1n47	20s10	0s21	24s 3	0s22	21s13	1n 0	1n27	0n42	17n27	0n47	26n 5	2n23	15n44	15n23	27s15		n.a.

Julian Day Number = 1705291.5, Delta T = 03h03m29s
Ecliptic obliquity = 23°42'08, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°40'22, Lahiri = - 4°33'22 Julian Calendar 1 Nov. 45 BCE == Greg. Calendar 30 Oct. 045 BCE

The year -44 astronomical counting style corresponds to year 045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 45 BCE
geocentric

DECEMBER 45 BCE (-44) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 29 57	7♐28'07	25♓42	17♐53	4♏44	28♏17	2♑25	10♐10	28♍ 1	14°R22	0°R59	12♉26	11♉13	17♑10	n.a.	T 1
F 2	4 33 53	8°29'22	8♈39	19°30	5°58	29° 2	2°38	10°17	28° 3	14♎22	0♋58	12°28	11°10	17°16	n.a.	F 2
S 3	4 37 50	9°30'36	22° 1	21° 7	7°12	29°48	2°52	10°24	28° 5	14°22	0°56	12°30	11° 7	17°23	n.a.	S 3
S 4	4 41 46	10°31'51	5♉50	22°44	8°27	0♐33	3° 6	10°31	28° 7	14°21	0°55	12°R31	11° 4	17°30	n.a.	S 4
M 5	4 45 43	11°33'05	20° 6	24°21	9°41	1°18	3°19	10°38	28° 8	14°20	0°54	12°31	11° 1	17°36	n.a.	M 5
T 6	4 49 40	12°34'19	4♊45	25°57	10°55	2° 4	3°33	10°45	28°10	14°20	0°53	12°29	10°58	17°43	n.a.	T 6
W 7	4 53 36	13°35'33	19°42	27°33	12° 9	2°49	3°47	10°52	28°12	14°19	0°51	12°26	10°54	17°50	n.a.	W 7
T 8	4 57 33	14°36'46	4♋47	29° 8	13°24	3°35	4° 1	10°59	28°13	14°19	0°50	12°22	10°51	17°57	n.a.	T 8
F 9	5 1 29	15°38'00	19°51	0♑43	14°38	4°20	4°14	11° 6	28°15	14°18	0°49	12°17	10°48	18° 3	n.a.	F 9
S 10	5 5 26	16°39'13	4♌46	2°17	15°52	5° 6	4°28	11°13	28°16	14°17	0°48	12°12	10°45	18°10	n.a.	S 10
S 11	5 9 22	17°40'26	19°22	3°49	17° 7	5°51	4°42	11°20	28°18	14°17	0°46	12° 7	10°42	18°17	n.a.	S 11
M12	5 13 19	18°41'39	3♍37	5°20	18°21	6°37	4°56	11°27	28°19	14°16	0°45	12° 5	10°38	18°23	n.a.	M12
T 13	5 17 15	19°42'52	17°27	6°49	19°35	7°23	5°10	11°34	28°20	14°15	0°44	12°D 4	10°35	18°30	n.a.	T 13
W14	5 21 12	20°44'05	0♎55	8°15	20°50	8° 9	5°24	11°41	28°21	14°14	0°42	12° 4	10°32	18°37	n.a.	W14
T 15	5 25 9	21°45'17	14° 0	9°39	22° 4	8°54	5°38	11°48	28°23	14°13	0°41	12° 5	10°29	18°44	n.a.	T 15
F 16	5 29 5	22°46'30	26°48	11° 0	23°19	9°40	5°52	11°55	28°24	14°12	0°40	12° 7	10°26	18°50	n.a.	F 16
S 17	5 33 2	23°47'42	9♏20	12°17	24°33	10°26	6° 6	12° 2	28°25	14°12	0°38	12°R 8	10°23	18°57	n.a.	S 17
S 18	5 36 58	24°48'53	21°41	13°29	25°48	11°12	6°20	12° 9	28°26	14°11	0°37	12° 7	10°19	19° 4	n.a.	S 18
M19	5 40 55	25°50'04	3♐52	14°36	27° 2	11°58	6°35	12°16	28°27	14°10	0°36	12° 5	10°16	19°10	n.a.	M19
T 20	5 44 51	26°51'15	15°56	15°37	28°17	12°44	6°49	12°23	28°28	14° 9	0°34	12° 0	10°13	19°17	n.a.	T 20
W21	5 48 48	27°52'25	27°54	16°31	29°31	13°30	7° 3	12°30	28°29	14° 8	0°33	11°53	10°10	19°24	n.a.	W21
T 22	5 52 44	28°53'34	9♑49	17°17	0♐46	14°16	7°17	12°37	28°29	14° 7	0°32	11°44	10° 7	19°31	n.a.	T 22
F 23	5 56 41	29°54'42	21°41	17°55	2° 0	15° 2	7°31	12°44	28°30	14° 6	0°30	11°34	10° 4	19°37	n.a.	F 23
S 24	6 0 38	0♑55'50	3♒32	18°23	3°15	15°48	7°45	12°50	28°31	14° 4	0°29	11°24	10° 0	19°44	n.a.	S 24
S 25	6 4 34	1°56'56	15°24	18°41	4°29	16°34	8° 0	12°57	28°31	14° 3	0°28	11°15	9°57	19°51	n.a.	S 25
M26	6 8 31	2°58'01	27°20	18°R48	5°44	17°20	8°14	13° 4	28°32	14° 2	0°26	11° 7	9°54	19°57	n.a.	M26
T 27	6 12 27	3°59'05	9♓23	18°44	6°59	18° 6	8°28	13°11	28°32	14° 1	0°25	11° 2	9°51	20° 4	n.a.	T 27
W28	6 16 24	5° 0'08	21°37	18°29	8°13	18°52	8°42	13°18	28°33	14° 0	0°24	10°58	9°48	20°11	n.a.	W28
T 29	6 20 20	6° 1'09	4♈ 6	18° 2	9°28	19°39	8°57	13°24	28°33	13°59	0°22	10°D57	9°44	20°18	n.a.	T 29
F 30	6 24 17	7° 2'09	16°54	17°24	10°42	20°25	9°11	13°31	28°34	13°57	0°21	10°58	9°41	20°24	n.a.	F 30
S 31	6 28 14	8♉ 3'08	0♉ 7	16♑36	11♐57	21♐11	9♑25	13♐38	28♍34	13♎56	0♋20	10♉59	9♉38	20♑31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	21s48	5s14	3s49	25s15	2s 7	11s35	1n45	20s20	0s21	24s 2	0s22	21s14	1n 0	1n27	0n42	17n27	0n47	26n 5	2n23	15n44	15n22	27s15			n.a.
F 2	21 58	0n47	2 55	25 25	2 8	12 2	1 44	20 31	0 22	24 2	0 22	21 15	1 0	1 26	0 42	17 27	0 47	26 5	2 23	15 45	15 21	27 14			n.a.
S 3	22 7	6 58	1 50	25 32	2 9	12 28	1 42	20 42	0 23	24 2	0 22	21 16	1 0	1 25	0 42	17 27	0 47	26 5	2 23	15 45	15 20	27 14			n.a.
S 4	22 16	13 2	0 37	25 38	2 8	12 53	1 41	20 52	0 23	24 2	0 22	21 17	1 0	1 24	0 43	17 27	0 47	26 5	2 23	15 46	15 19	27 13			n.a.
M 5	22 25	18 38	0n41	25 43	2 8	13 19	1 39	21 2	0 24	24 2	0 22	21 18	1 0	1 24	0 43	17 28	0 47	26 5	2 24	15 46	15 18	27 13			n.a.
T 6	22 33	23 16	1 59	25 45	2 7	13 44	1 37	21 12	0 24	24 1	0 22	21 19	1 0	1 23	0 43	17 28	0 47	26 6	2 24	15 45	15 17	27 12			n.a.
W 7	22 41	26 27	3 9	25 46	2 5	14 8	1 35	21 22	0 25	24 1	0 22	21 20	1 0	1 23	0 43	17 28	0 47	26 6	2 24	15 44	15 16	27 11			n.a.
T 8	22 48	27 44	4 7	25 45	2 3	14 33	1 34	21 31	0 26	24 1	0 22	21 21	0 59	1 22	0 43	17 28	0 47	26 6	2 24	15 43	15 15	27 11			n.a.
F 9	22 55	26 58	4 48	25 42	2 0	14 57	1 32	21 41	0 26	24 0	0 22	21 22	0 59	1 21	0 43	17 28	0 47	26 6	2 24	15 41	15 14	27 10			n.a.
S 10	23 1	24 16	5 9	25 37	1 56	15 20	1 30	21 50	0 27	24 0	0 22	21 23	0 59	1 21	0 43	17 29	0 47	26 6	2 24	15 40	15 13	27 10			n.a.
S 11	23 7	20 3	5 9	25 31	1 52	15 44	1 28	21 58	0 28	23 59	0 22	21 24	0 59	1 20	0 43	17 29	0 47	26 6	2 24	15 39	15 12	27 9			n.a.
M12	23 13	14 47	4 50	25 22	1 47	16 6	1 26	22 7	0 28	23 59	0 23	21 25	0 59	1 20	0 43	17 29	0 47	26 6	2 24	15 38	15 11	27 8			n.a.
T 13	23 18	8 54	4 14	25 12	1 41	16 29	1 24	22 15	0 29	23 59	0 23	21 26	0 59	1 19	0 43	17 29	0 48	26 6	2 24	15 37	15 10	27 8			n.a.
W14	23 22	2 46	3 25	25 0	1 34	16 51	1 21	22 23	0 30	23 58	0 23	21 27	0 59	1 19	0 43	17 30	0 48	26 6	2 24	15 37	15 9	27 7			n.a.
T 15	23 27	3s20	2 27	24 46	1 26	17 13	1 19	22 31	0 30	23 58	0 23	21 28	0 59	1 18	0 43	17 30	0 48	26 6	2 24	15 38	15 8	27 7			n.a.
F 16	23 30	9 10	1 22	24 31	1 17	17 34	1 17	22 39	0 31	23 57	0 23	21 29	0 59	1 18	0 43	17 30	0 48	26 7	2 24	15 38	15 7	27 6			n.a.
S 17	23 33	14 31	0 15	24 15	1 7	17 55	1 15	22 47	0 31	23 57	0 23	21 30	0 59	1 18	0 43	17 31	0 48	26 7	2 25	15 39	15 6	27 5			n.a.
S 18	23 36	19 13	0s52	23 57	0 57	18 15	1 12	22 54	0 32	23 56	0 23	21 31	0 59	1 17	0 43	17 31	0 48	26 7	2 25	15 39	15 5	27 5			n.a.
M19	23 38	23 2	1 55	23 38	0 45	18 35	1 10	23 1	0 33	23 55	0 23	21 32	0 59	1 17	0 43	17 31	0 48	26 7	2 25	15 38	15 4	27 4			n.a.
T 20	23 40	25 48	2 52	23 18	0 32	18 54	1 8	23 7	0 33	23 55	0 23	21 33	0 59	1 17	0 43	17 32	0 48	26 7	2 25	15 36	15 3	27 3			n.a.
W21	23 41	27 22	3 41	22 58	0 18	19 12	1 5	23 14	0 34	23 54	0 23	21 34	0 59	1 16	0 43	17 32	0 48	26 7	2 25	15 34	15 2	27 3			n.a.
T 22	23 42	27 40	4 20	22 37	0 3	19 31	1 3	23 20	0 35	23 53	0 23	21 35	0 59	1 16	0 43	17 32	0 48	26 7	2 25	15 31	15 1	27 2			n.a.
F 23	23 42	26 40	4 48	22 17	0n13	19 48	1 0	23 26	0 35	23 53	0 24	21 36	0 59	1 16	0 43	17 33	0 48	26 7	2 25	15 28	15 0	27 1			n.a.
S 24	23 42	24 29	5 3	21 56	0 29	20 6	0 58	23 32	0 36	23 52	0 24	21 37	0 59	1 15	0 43	17 33	0 48	26 7	2 25	15 25	14 59	27 0			n.a.
S 25	23 41	21 15	5 5	21 36	0 47	20 22	0 55	23 37	0 36	23 51	0 24	21 38	0 59	1 15	0 43	17 33	0 48	26 7	2 25	15 22	14 58	27 0			n.a.
M26	23 40	17 7	4 54	21 18	1 5	20 38	0 53	23 42	0 37	23 50	0 24	21 39	0 59	1 15	0 43	17 34	0 48	26 7	2 25	15 20	14 57	26 59			n.a.
T 27	23 38	12 18	4 30	21 0	1 24	20 53	0 50	23 47	0 38	23 50	0 24	21 40	0 59	1 15	0 43	17 34	0 48	26 7	2 25	15 18	14 56	26 58			n.a.
W28	23 36	6 55	3 53	20 44	1 42	21 8	0 47	23 52	0 38	23 49	0 24	21 41	0 59	1 15	0 43	17 34	0 48	26 7	2 25	15 17	14 55	26 57			n.a.
T 29	23 34	1 10	3 4	20 29	2 0	21 23	0 45	23 56	0 39	23 48	0 24	21 41	0 58	1 15	0 43	17 35	0 48	26 8	2 25	15 17	14 54	26 57			n.a.
F 30	23 31	4n47	2 5	20 16	2 18	21 36	0 42	24 0	0 39	23 47	0 24	21 42	0 58	1 14	0 43	17 35	0 48	26 8	2 25	15 17	14 52	26 56			n.a.
S 31	23s27	10n44	0s58	20s 5	2n35	21s49	0n39	24s 4	0s40	23s46	0s24	21s43	0n58	1n14	0n43	17n36	0n48	26n 8	2n26	15n17	14n51	26s55			n.a.

Julian Day Number = 1705321.5, Delta T = 03h03m29s
Ecliptic obliquity = 23°42'08, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°40'18, Lahiri = - 4°33'18 Julian Calendar 1 Dec. 45 BCE == Greg. Calendar 29 Nov. 045 BCE

The year -44 astronomical counting style corresponds to year 045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 44 BCE
geocentric

JANUARY 44 BCE (-43) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 32 10	9♑ 4'05	13♉47	15°R39	13♐11	21♐57	9♑39	13♐44	28♍34	13°R55	0°R18	10°R59	9♉35	20♑38	n.a.	S 1
M 2	6 36 7	10° 5'01	27°57	14♑35	14°26	22°44	9°54	13°51	28°34	13♌53	0♋17	10♉58	9°32	20°44	n.a.	M 2
T 3	6 40 3	11° 5'56	12♊35	13°26	15°40	23°30	10° 8	13°57	28°34	13°52	0°16	10°54	9°29	20°51	n.a.	T 3
W 4	6 44 0	12° 6'49	27°36	12°14	16°55	24°17	10°22	14° 4	28°35	13°51	0°15	10°48	9°25	20°58	n.a.	W 4
T 5	6 47 56	13° 7'41	12♋53	11° 0	18°10	25° 3	10°36	14°10	28°R35	13°49	0°13	10°39	9°22	21° 5	n.a.	T 5
F 6	6 51 53	14° 8'32	28°14	9°47	19°24	25°49	10°51	14°17	28°35	13°48	0°12	10°30	9°19	21°11	n.a.	F 6
S 7	6 55 49	15° 9'21	13♌28	8°37	20°39	26°36	11° 5	14°23	28°34	13°47	0°11	10°20	9°16	21°18	n.a.	S 7
S 8	6 59 46	16°10'09	28°25	7°32	21°53	27°22	11°19	14°30	28°34	13°45	0° 9	10°11	9°13	21°25	n.a.	S 8
M 9	7 3 43	17°10'56	12♍56	6°33	23° 8	28° 9	11°33	14°36	28°34	13°44	0° 8	10° 4	9°10	21°31	n.a.	M 9
T 10	7 7 39	18°11'42	26°59	5°40	24°22	28°55	11°48	14°42	28°34	13°42	0° 7	10° 0	9° 6	21°38	n.a.	T 10
W11	7 11 36	19°12'26	10♎32	4°55	25°37	29°42	12° 2	14°49	28°33	13°41	0° 6	9°58	9° 3	21°45	n.a.	W11
T 12	7 15 32	20°13'10	23°39	4°18	26°52	0♑28	12°16	14°55	28°33	13°39	0° 4	9°D58	9° 0	21°52	n.a.	T 12
F 13	7 19 29	21°13'52	6♏22	3°49	28° 6	1°15	12°30	15° 1	28°33	13°38	0° 3	9°R58	8°57	21°58	n.a.	F 13
S 14	7 23 25	22°14'33	18°47	3°28	29°21	2° 2	12°44	15° 7	28°32	13°36	0° 2	9°58	8°54	22° 5	n.a.	S 14
S 15	7 27 22	23°15'13	0♐58	3°15	0♑35	2°48	12°59	15°13	28°32	13°35	0° 1	9°56	8°50	22°12	n.a.	S 15
M16	7 31 18	24°15'51	13° 0	3°D 9	1°50	3°35	13°13	15°19	28°31	13°33	29♊59	9°51	8°47	22°19	n.a.	M16
T 17	7 35 15	25°16'28	24°55	3°11	3° 5	4°22	13°27	15°25	28°30	13°32	29°58	9°44	8°44	22°25	n.a.	T 17
W18	7 39 12	26°17'04	6♑48	3°20	4°19	5° 8	13°41	15°31	28°30	13°30	29°57	9°33	8°41	22°32	n.a.	W18
T 19	7 43 8	27°17'37	18°39	3°35	5°34	5°55	13°55	15°37	28°29	13°29	29°56	9°20	8°38	22°39	n.a.	T 19
F 20	7 47 5	28°18'10	0♒31	3°55	6°48	6°42	14° 9	15°43	28°28	13°27	29°55	9° 6	8°35	22°45	n.a.	F 20
S 21	7 51 1	29°18'40	12°24	4°22	8° 3	7°28	14°23	15°49	28°27	13°25	29°54	8°51	8°31	22°52	n.a.	S 21
S 22	7 54 58	0♒19'09	24°21	4°53	9°17	8°15	14°37	15°54	28°26	13°24	29°53	8°37	8°28	22°59	n.a.	S 22
M23	7 58 54	1°19'36	6♓23	5°29	10°32	9° 2	14°51	16° 0	28°25	13°22	29°51	8°25	8°25	23° 6	n.a.	M23
T 24	8 2 51	2°20'00	18°30	6° 9	11°46	9°49	15° 5	16° 6	28°24	13°20	29°50	8°15	8°22	23°12	n.a.	T 24
W25	8 6 47	3°20'23	0♈48	6°54	13° 1	10°36	15°19	16°11	28°23	13°19	29°49	8° 9	8°19	23°19	n.a.	W25
T 26	8 10 44	4°20'44	13°17	7°42	14°15	11°22	15°33	16°17	28°22	13°17	29°48	8° 6	8°16	23°26	n.a.	T 26
F 27	8 14 41	5°21'03	26° 3	8°33	15°30	12° 9	15°47	16°22	28°21	13°16	29°47	8° 5	8°12	23°32	n.a.	F 27
S 28	8 18 37	6°21'19	9♉ 9	9°28	16°44	12°56	16° 1	16°27	28°20	13°14	29°46	8° 4	8° 9	23°39	n.a.	S 28
S 29	8 22 34	7°21'33	22°39	10°25	17°59	13°43	16°15	16°33	28°19	13°12	29°45	8° 4	8° 6	23°46	n.a.	S 29
M30	8 26 30	8°21'46	6♊36	11°26	19°13	14°30	16°28	16°38	28°17	13°11	29°44	8° 2	8° 3	23°53	n.a.	M30
T 31	8 30 27	9♒21'56	21♊ 0	12♑28	20♑28	15♑17	16♑42	16♐43	28♍16	13♌ 9	29♊43	7♉58	8♉ 0	23♑59	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23 s23	16n23	0n15	19 s57	2n51	22 s 1	0n37	24 s 8	0 s41	23 s45	0 s24	21 s44	0n58	1n14	0n44	17n36	0n48	26n 8	2n26	15n17	14n50	26 s54			n.a.
M 2	23 19	21 22	1 29	19 50	3 5	22 13	0 34	24 11	0 41	23 44	0 25	21 45	0 58	1 14	0 44	17 36	0 48	26 8	2 26	15 17	14 49	26 54			n.a.
T 3	23 14	25 12	2 40	19 45	3 17	22 24	0 31	24 14	0 42	23 43	0 25	21 46	0 58	1 14	0 44	17 37	0 48	26 8	2 26	15 16	14 48	26 53			n.a.
W 4	23 9	27 23	3 42	19 42	3 27	22 35	0 29	24 17	0 42	23 42	0 25	21 46	0 58	1 14	0 44	17 37	0 48	26 8	2 26	15 14	14 47	26 52			n.a.
T 5	23 3	27 31	4 28	19 41	3 34	22 44	0 26	24 19	0 43	23 41	0 25	21 47	0 58	1 14	0 44	17 38	0 48	26 8	2 26	15 11	14 46	26 51			n.a.
F 6	22 57	25 34	4 56	19 42	3 39	22 53	0 23	24 22	0 44	23 40	0 25	21 48	0 58	1 14	0 44	17 38	0 48	26 8	2 26	15 8	14 45	26 50			n.a.
S 7	22 50	21 47	5 2	19 44	3 42	23 2	0 21	24 24	0 44	23 39	0 25	21 49	0 58	1 14	0 44	17 39	0 48	26 8	2 26	15 5	14 44	26 50			n.a.
S 8	22 43	16 39	4 48	19 47	3 42	23 9	0 18	24 25	0 45	23 38	0 25	21 50	0 58	1 15	0 44	17 39	0 48	26 8	2 26	15 2	14 43	26 49			n.a.
M 9	22 35	10 41	4 15	19 52	3 40	23 16	0 15	24 27	0 45	23 37	0 25	21 50	0 58	1 15	0 44	17 39	0 48	26 8	2 26	15 0	14 42	26 48			n.a.
T 10	22 27	4 23	3 27	19 59	3 36	23 22	0 12	24 28	0 46	23 36	0 25	21 51	0 58	1 15	0 44	17 40	0 48	26 8	2 26	14 58	14 41	26 47			n.a.
W11	22 19	1 s56	2 30	20 6	3 31	23 28	0 10	24 29	0 46	23 34	0 25	21 52	0 58	1 15	0 44	17 40	0 48	26 8	2 26	14 58	14 40	26 46			n.a.
T 12	22 10	7 57	1 26	20 14	3 24	23 33	0 7	24 29	0 47	23 33	0 26	21 53	0 58	1 15	0 44	17 41	0 48	26 8	2 26	14 58	14 39	26 45			n.a.
F 13	22 0	13 29	0 19	20 23	3 16	23 37	0 4	24 29	0 48	23 32	0 26	21 53	0 58	1 15	0 44	17 41	0 48	26 8	2 26	14 58	14 38	26 45			n.a.
S 14	21 51	18 21	0 s47	20 33	3 7	23 40	0 2	24 29	0 48	23 31	0 26	21 54	0 58	1 16	0 44	17 42	0 48	26 8	2 26	14 58	14 37	26 44			n.a.
S 15	21 40	22 21	1 49	20 43	2 57	23 43	0 s 1	24 29	0 49	23 29	0 26	21 55	0 58	1 16	0 44	17 42	0 48	26 8	2 26	14 57	14 36	26 43			n.a.
M16	21 30	25 20	2 45	20 54	2 46	23 45	0 4	24 28	0 49	23 28	0 26	21 55	0 58	1 16	0 44	17 43	0 48	26 9	2 26	14 56	14 35	26 42			n.a.
T 17	21 19	27 10	3 34	21 5	2 35	23 46	0 6	24 27	0 50	23 27	0 26	21 56	0 58	1 16	0 44	17 43	0 48	26 9	2 26	14 53	14 34	26 41			n.a.
W18	21 8	27 44	4 13	21 16	2 23	23 47	0 9	24 26	0 50	23 26	0 26	21 57	0 58	1 17	0 44	17 44	0 49	26 9	2 26	14 50	14 33	26 40			n.a.
T 19	20 56	27 1	4 41	21 27	2 12	23 47	0 12	24 25	0 51	23 24	0 26	21 57	0 58	1 17	0 44	17 44	0 49	26 9	2 27	14 46	14 32	26 39			n.a.
F 20	20 44	25 5	4 56	21 39	2 0	23 46	0 14	24 23	0 51	23 23	0 26	21 58	0 58	1 17	0 44	17 45	0 49	26 9	2 27	14 41	14 31	26 38			n.a.
S 21	20 31	22 2	4 59	21 50	1 48	23 44	0 17	24 21	0 52	23 21	0 27	21 59	0 58	1 18	0 44	17 45	0 49	26 9	2 27	14 36	14 30	26 37			n.a.
S 22	20 18	18 4	4 48	22 0	1 37	23 41	0 19	24 19	0 52	23 20	0 27	21 59	0 58	1 18	0 44	17 46	0 49	26 9	2 27	14 32	14 29	26 36			n.a.
M23	20 5	13 22	4 25	22 10	1 25	23 38	0 22	24 16	0 53	23 19	0 27	22 0	0 58	1 19	0 44	17 46	0 49	26 9	2 27	14 28	14 28	26 35			n.a.
T 24	19 51	8 6	3 50	22 20	1 13	23 34	0 24	24 13	0 53	23 17	0 27	22 0	0 58	1 19	0 44	17 46	0 49	26 9	2 27	14 25	14 27	26 34			n.a.
W25	19 37	2 28	3 3	22 29	1 2	23 30	0 27	24 10	0 54	23 16	0 27	22 1	0 58	1 19	0 44	17 47	0 49	26 9	2 27	14 23	14 26	26 34			n.a.
T 26	19 23	3n21	2 7	22 38	0 51	23 25	0 29	24 7	0 55	23 14	0 27	22 1	0 58	1 20	0 44	17 47	0 49	26 9	2 27	14 22	14 25	26 33			n.a.
F 27	19 8	9 11	1 3	22 46	0 40	23 19	0 31	24 3	0 55	23 13	0 27	22 2	0 58	1 20	0 44	17 48	0 49	26 9	2 27	14 21	14 24	26 32			n.a.
S 28	18 53	14 47	0n 6	22 52	0 29	23 12	0 34	23 59	0 56	23 11	0 27	22 3	0 58	1 21	0 44	17 48	0 49	26 9	2 27	14 21	14 23	26 31			n.a.
S 29	18 38	19 52	1 16	22 58	0 19	23 4	0 36	23 55	0 56	23 9	0 28	22 3	0 58	1 22	0 44	17 49	0 49	26 9	2 27	14 21	14 22	26 30			n.a.
M30	18 22	24 1	2 24	23 4	0 9	22 56	0 38	23 50	0 57	23 8	0 28	22 4	0 58	1 22	0 45	17 49	0 49	26 9	2 27	14 20	14 21	26 29			n.a.
T 31	18 s 6	26n49	3n26	23 s 8	0 s 1	22 s47	0 s40	23 s46	0 s57	23 s 6	0 s28	22 s 4	0n58	1n23	0n45	17n50	0n49	26n 9	2n27	14n19	14n20	26 s28			n.a.

Julian Day Number = 1705352.5, Delta T = 03h03m28s
Ecliptic obliquity = 23°42'08, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°40'14, Lahiri = - 4°33'14 Julian Calendar 1 Jan. 44 BCE == Greg. Calendar 30 Dec. 045 BCE

The year -43 astronomical counting style corresponds to year 044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 44 BCE
geocentric

FEBRUARY 44 BCE (-43) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 34 23	10♒22'04	5♋49	13♑34	21♑42	16♑ 3	16♑56	16♐48	28°R15	13°R 7	29°R42	7°R51	7♉56	24♑ 6	n.a.	W 1
T 2	8 38 20	11°22'10	20°57	14°41	22°57	16°50	17° 9	16°53	28♏13	13♌ 6	29♊41	7♉42	7°53	24°13	n.a.	T 2
F 3	8 42 16	12°22'13	6♌15	15°51	24°11	17°37	17°23	16°58	28°12	13° 4	29°40	7°31	7°50	24°19	n.a.	F 3
S 4	8 46 13	13°22'15	21°32	17° 2	25°26	18°24	17°37	17° 3	28°10	13° 2	29°39	7°19	7°47	24°26	n.a.	S 4
S 5	8 50 10	14°22'15	6♍35	18°16	26°40	19°11	17°50	17° 8	28° 9	13° 1	29°38	7° 9	7°44	24°33	n.a.	S 5
M 6	8 54 6	15°22'12	21°17	19°31	27°55	19°58	18° 4	17°13	28° 7	12°59	29°38	7° 0	7°41	24°40	n.a.	M 6
T 7	8 58 3	16°22'08	5♎31	20°48	29° 9	20°45	18°17	17°18	28° 5	12°57	29°37	6°55	7°37	24°46	n.a.	T 7
W 8	9 1 59	17°22'02	19°14	22° 7	0♒23	21°31	18°30	17°22	28° 4	12°56	29°36	6°52	7°34	24°53	n.a.	W 8
T 9	9 5 56	18°21'54	2♏28	23°27	1°38	22°18	18°44	17°27	28° 2	12°54	29°35	6°D51	7°31	25° 0	n.a.	T 9
F 10	9 9 52	19°21'45	15°16	24°49	2°52	23° 5	18°57	17°31	28° 0	12°52	29°34	6°R51	7°28	25° 7	n.a.	F 10
S 11	9 13 49	20°21'34	27°43	26°12	4° 7	23°52	19°10	17°36	27°58	12°51	29°33	6°51	7°25	25°13	n.a.	S 11
S 12	9 17 45	21°21'21	9♐53	27°37	5°21	24°39	19°24	17°40	27°56	12°49	29°33	6°49	7°22	25°20	n.a.	S 12
M13	9 21 42	22°21'06	21°53	29° 3	6°35	25°26	19°37	17°45	27°54	12°47	29°32	6°45	7°18	25°27	n.a.	M13
T 14	9 25 39	23°20'50	3♑45	0♒30	7°50	26°13	19°50	17°49	27°53	12°46	29°31	6°39	7°15	25°33	n.a.	T 14
W15	9 29 35	24°20'31	15°36	1°59	9° 4	27° 0	20° 3	17°53	27°51	12°44	29°31	6°30	7°12	25°40	n.a.	W15
T 16	9 33 32	25°20'11	27°26	3°29	10°19	27°47	20°16	17°57	27°49	12°42	29°30	6°18	7° 9	25°47	n.a.	T 16
F 17	9 37 28	26°19'48	9♒20	5° 1	11°33	28°34	20°29	18° 1	27°47	12°41	29°29	6° 5	7° 6	25°54	n.a.	F 17
S 18	9 41 25	27°19'23	21°18	6°34	12°47	29°20	20°42	18° 5	27°44	12°39	29°29	5°52	7° 2	26° 0	n.a.	S 18
S 19	9 45 21	28°18'57	3♓23	8° 8	14° 2	0♒ 7	20°54	18° 9	27°42	12°38	29°28	5°39	6°59	26° 7	n.a.	S 19
M20	9 49 18	29°18'28	15°34	9°43	15°16	0°54	21° 7	18°12	27°40	12°36	29°27	5°29	6°56	26°14	n.a.	M20
T 21	9 53 14	0♓17'57	27°54	11°20	16°30	1°41	21°20	18°16	27°38	12°34	29°27	5°20	6°53	26°20	n.a.	T 21
W22	9 57 11	1°17'23	10♈23	12°58	17°45	2°28	21°32	18°20	27°36	12°33	29°26	5°15	6°50	26°27	n.a.	W22
T 23	10 1 8	2°16'47	23° 2	14°37	18°59	3°15	21°45	18°23	27°34	12°31	29°26	5°12	6°47	26°34	n.a.	T 23
F 24	10 5 4	3°16'09	5♉56	16°18	20°13	4° 2	21°57	18°26	27°31	12°30	29°25	5°D11	6°43	26°41	n.a.	F 24
S 25	10 9 1	4°15'29	19° 5	18° 0	21°27	4°48	22°10	18°30	27°29	12°28	29°25	5°12	6°40	26°47	n.a.	S 25
S 26	10 12 57	5°14'46	2♊33	19°43	22°42	5°35	22°22	18°33	27°27	12°27	29°24	5°R12	6°37	26°54	n.a.	S 26
M27	10 16 54	6°14'01	16°21	21°28	23°56	6°22	22°34	18°36	27°25	12°25	29°24	5°12	6°34	27° 1	n.a.	M27
T 28	10 20 50	7♓13'13	0♋32	23♒14	25♒10	7♒ 9	22♑46	18♐39	27♏22	12♌24	29♊24	5♉ 9	6♉31	27♑ 8	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s50	27n49	4n15	23s11	0s11	22s38	0s43	23s41	0s58	23s 5	0s28	22s 5	0n58	1n23	0n45	17n50	0n49	26n 9	2n27	14n17	14n19	26s27		n.a.
T 2	17 33	26 47	4 47	23 13	0 20	22 28	0 45	23 35	0 58	23 3	0 28	22 5	0 58	1 24	0 45	17 51	0 49	26 9	2 27	14 14	14 18	26 26		n.a.
F 3	17 17	23 45	5 0	23 14	0 29	22 17	0 47	23 30	0 58	23 1	0 28	22 6	0 58	1 24	0 45	17 51	0 49	26 9	2 27	14 10	14 16	26 25		n.a.
S 4	16 59	19 4	4 51	23 13	0 37	22 5	0 49	23 24	0 59	23 0	0 28	22 6	0 58	1 25	0 45	17 52	0 49	26 9	2 27	14 6	14 15	26 23		n.a.
S 5	16 42	13 14	4 22	23 12	0 46	21 53	0 51	23 18	0 59	22 58	0 28	22 7	0 58	1 26	0 45	17 52	0 49	26 9	2 27	14 3	14 14	26 22		n.a.
M 6	16 24	6 47	3 36	23 9	0 54	21 40	0 53	23 11	1 0	22 56	0 29	22 7	0 58	1 26	0 45	17 53	0 49	26 9	2 27	14 0	14 13	26 21		n.a.
T 7	16 6	0 12	2 37	23 5	1 1	21 27	0 55	23 4	1 0	22 55	0 29	22 8	0 58	1 27	0 45	17 53	0 49	26 9	2 27	13 58	14 12	26 20		n.a.
W 8	15 48	6s12	1 32	22 59	1 8	21 13	0 57	22 58	1 1	22 53	0 29	22 8	0 58	1 28	0 45	17 54	0 49	26 9	2 27	13 57	14 11	26 19		n.a.
T 9	15 29	12 6	0 23	22 53	1 15	20 58	0 59	22 50	1 1	22 51	0 29	22 8	0 58	1 29	0 45	17 54	0 49	26 9	2 27	13 57	14 10	26 18		n.a.
F 10	15 11	17 18	0s44	22 45	1 22	20 43	1 0	22 43	1 2	22 50	0 29	22 9	0 58	1 29	0 45	17 55	0 49	26 9	2 27	13 57	14 9	26 17		n.a.
S 11	14 52	21 37	1 48	22 35	1 28	20 27	1 2	22 35	1 2	22 48	0 29	22 9	0 58	1 30	0 45	17 55	0 49	26 9	2 27	13 57	14 8	26 16		n.a.
S 12	14 32	24 54	2 45	22 24	1 34	20 10	1 4	22 27	1 3	22 46	0 29	22 10	0 58	1 31	0 45	17 56	0 49	26 9	2 27	13 56	14 7	26 15		n.a.
M13	14 13	27 1	3 34	22 12	1 39	19 53	1 5	22 19	1 3	22 44	0 30	22 10	0 58	1 32	0 45	17 56	0 49	26 9	2 27	13 55	14 6	26 14		n.a.
T 14	13 53	27 52	4 13	21 58	1 44	19 35	1 7	22 11	1 3	22 43	0 30	22 10	0 58	1 32	0 45	17 57	0 49	26 9	2 27	13 53	14 5	26 13		n.a.
W15	13 33	27 26	4 41	21 42	1 49	19 17	1 8	22 2	1 4	22 41	0 30	22 11	0 58	1 33	0 45	17 57	0 49	26 9	2 27	13 50	14 4	26 12		n.a.
T 16	13 13	25 45	4 57	21 25	1 53	18 58	1 10	21 53	1 4	22 39	0 30	22 11	0 58	1 34	0 45	17 58	0 49	26 9	2 27	13 46	14 3	26 10		n.a.
F 17	12 53	22 56	5 0	21 7	1 57	18 39	1 11	21 44	1 5	22 37	0 30	22 11	0 58	1 35	0 45	17 58	0 49	26 9	2 27	13 42	14 2	26 9		n.a.
S 18	12 32	19 7	4 50	20 47	2 1	18 19	1 13	21 34	1 5	22 35	0 30	22 12	0 58	1 36	0 45	17 59	0 49	26 9	2 27	13 37	14 1	26 8		n.a.
S 19	12 11	14 31	4 27	20 25	2 4	17 59	1 14	21 25	1 5	22 33	0 30	22 12	0 58	1 37	0 45	17 59	0 49	26 9	2 27	13 33	14 0	26 7		n.a.
M20	11 50	9 18	3 51	20 2	2 6	17 38	1 15	21 15	1 6	22 32	0 31	22 12	0 58	1 37	0 45	18 0	0 49	26 9	2 27	13 29	13 59	26 6		n.a.
T 21	11 29	3 40	3 4	19 37	2 8	17 16	1 16	21 5	1 6	22 30	0 31	22 13	0 58	1 38	0 45	18 0	0 49	26 9	2 27	13 27	13 58	26 5		n.a.
W22	11 8	2n12	2 8	19 11	2 10	16 55	1 17	20 54	1 6	22 28	0 31	22 13	0 58	1 39	0 45	18 1	0 49	26 9	2 27	13 25	13 57	26 3		n.a.
T 23	10 47	8 4	1 4	18 43	2 11	16 32	1 18	20 44	1 7	22 26	0 31	22 13	0 58	1 40	0 45	18 1	0 49	26 9	2 27	13 24	13 56	26 2		n.a.
F 24	10 25	13 42	0n 4	18 13	2 12	16 10	1 19	20 33	1 7	22 24	0 31	22 14	0 58	1 41	0 45	18 1	0 49	26 9	2 27	13 24	13 54	26 1		n.a.
S 25	10 3	18 52	1 13	17 42	2 13	15 46	1 20	20 22	1 8	22 22	0 31	22 14	0 58	1 42	0 45	18 2	0 49	26 9	2 27	13 24	13 53	26 0		n.a.
S 26	9 41	23 12	2 21	17 9	2 12	15 23	1 21	20 11	1 8	22 21	0 32	22 14	0 58	1 43	0 45	18 2	0 49	26 9	2 27	13 24	13 52	25 59		n.a.
M27	9 19	26 20	3 21	16 35	2 12	14 59	1 22	19 59	1 8	22 19	0 32	22 14	0 58	1 44	0 45	18 3	0 49	26 9	2 27	13 24	13 51	25 57		n.a.
T 28	8s57	27n54	4n11	15s59	2s11	14s34	1s23	19s48	1s 9	22s17	0s32	22s15	0n58	1n45	0n45	18n 3	0n49	26n 9	2n27	13n23	13n50	25s56		n.a.

Julian Day Number = 1705383.5, Delta T = 03h03m27s
Ecliptic obliquity = 23°42'08, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°40'10, Lahiri = - 4°33'09 Julian Calendar 1 Feb. 44 BCE == Greg. Calendar 30 Jan. 044 BCE

The year -43 astronomical counting style corresponds to year 044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 44 BCE
geocentric

MARCH 44 BCE (-43) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 24 47	8♓12'23	15♋ 2	25♒ 1	26♒24	7♒56	22♑58	18♐42	27°R20	12°R22	29°R23	5°R 5	6♉28	27♑14	n.a.	W 1
T 2	10 28 43	9°11'30	29°50	26°50	27°39	8°42	23°10	18°45	27♏18	12♎21	29♊23	4♉58	6°24	27°21	n.a.	T 2
F 3	10 32 40	10°10'35	14♎48	28°40	28°53	9°29	23°22	18°48	27°15	12°19	29°23	4°50	6°21	27°28	n.a.	F 3
S 4	10 36 37	11° 9'38	29°48	0♓32	0♓ 7	10°16	23°34	18°51	27°13	12°18	29°22	4°42	6°18	27°34	n.a.	S 4
S 5	10 40 33	12° 8'39	14♍40	2°24	1°21	11° 2	23°46	18°53	27°10	12°16	29°22	4°34	6°15	27°41	n.a.	S 5
M 6	10 44 30	13° 7'37	29°16	4°19	2°35	11°49	23°58	18°56	27° 8	12°15	29°22	4°28	6°12	27°48	n.a.	M 6
T 7	10 48 26	14° 6'33	13♎29	6°14	3°50	12°36	24° 9	18°58	27° 5	12°14	29°22	4°24	6° 8	27°55	n.a.	T 7
W 8	10 52 23	15° 5'27	27°15	8°11	5° 4	13°23	24°21	19° 0	27° 3	12°12	29°21	4°22	6° 5	28° 1	n.a.	W 8
T 9	10 56 19	16° 4'20	10♏35	10°10	6°18	14° 9	24°32	19° 3	27° 0	12°11	29°21	4°D22	6° 2	28° 8	n.a.	T 9
F 10	11 0 16	17° 3'11	23°29	12° 9	7°32	14°56	24°43	19° 5	26°58	12°10	29°21	4°23	5°59	28°15	n.a.	F 10
S 11	11 4 12	18° 1'59	6♐ 1	14°10	8°46	15°42	24°55	19° 7	26°55	12° 8	29°21	4°24	5°56	28°21	n.a.	S 11
S 12	11 8 9	19° 0'46	18°15	16°12	10° 0	16°29	25° 6	19° 9	26°53	12° 7	29°21	4°R25	5°53	28°28	n.a.	S 12
M13	11 12 5	19°59'32	0♑17	18°16	11°14	17°16	25°17	19°11	26°50	12° 6	29°21	4°24	5°49	28°35	n.a.	M13
T 14	11 16 2	20°58'15	12°11	20°20	12°29	18° 2	25°28	19°12	26°48	12° 5	29°21	4°22	5°46	28°42	n.a.	T 14
W15	11 19 59	21°56'57	24° 2	22°25	13°43	18°49	25°39	19°14	26°45	12° 3	29°D21	4°18	5°43	28°48	n.a.	W15
T 16	11 23 55	22°55'36	5♒55	24°31	14°57	19°35	25°49	19°16	26°43	12° 2	29°21	4°12	5°40	28°55	n.a.	T 16
F 17	11 27 52	23°54'14	17°52	26°37	16°11	20°22	26° 0	19°17	26°40	12° 1	29°21	4° 5	5°37	29° 2	n.a.	F 17
S 18	11 31 48	24°52'50	29°56	28°44	17°25	21° 8	26°11	19°19	26°38	12° 0	29°21	3°57	5°33	29° 9	n.a.	S 18
S 19	11 35 45	25°51'24	12♓ 9	0♈51	18°39	21°55	26°21	19°20	26°35	11°59	29°21	3°50	5°30	29°15	n.a.	S 19
M20	11 39 41	26°49'56	24°33	2°57	19°53	22°41	26°31	19°21	26°32	11°58	29°21	3°44	5°27	29°22	n.a.	M20
T 21	11 43 38	27°48'26	7♈ 8	5° 4	21° 7	23°27	26°42	19°22	26°30	11°57	29°21	3°40	5°24	29°29	n.a.	T 21
W22	11 47 34	28°46'54	19°55	7° 9	22°21	24°14	26°52	19°23	26°27	11°56	29°21	3°37	5°21	29°35	n.a.	W22
T 23	11 51 31	29°45'20	2♉53	9°13	23°35	25° 0	27° 2	19°24	26°25	11°55	29°21	3°D36	5°18	29°42	n.a.	T 23
F 24	11 55 28	0♈43'44	16° 5	11°16	24°49	25°46	27°12	19°25	26°22	11°54	29°22	3°37	5°14	29°49	n.a.	F 24
S 25	11 59 24	1°42'06	29°29	13°17	26° 3	26°32	27°22	19°26	26°20	11°53	29°22	3°38	5°11	29°56	n.a.	S 25
S 26	12 3 21	2°40'25	13♊ 6	15°16	27°17	27°19	27°31	19°26	26°17	11°52	29°22	3°40	5° 8	0♒ 2	n.a.	S 26
M27	12 7 17	3°38'43	26°58	17°13	28°31	28° 5	27°41	19°27	26°14	11°51	29°22	3°R41	5° 5	0° 9	n.a.	M27
T 28	12 11 14	4°36'58	11♋ 3	19° 7	29°45	28°51	27°50	19°27	26°12	11°50	29°23	3°41	5° 2	0°16	n.a.	T 28
W29	12 15 10	5°35'11	25°21	20°59	0♈59	29°37	28° 0	19°28	26° 9	11°49	29°23	3°40	4°59	0°22	n.a.	W29
T 30	12 19 7	6°33'22	9♎48	22°47	2°13	0♓23	28° 9	19°28	26° 7	11°48	29°24	3°37	4°55	0°29	n.a.	T 30
F 31	12 23 3	7♈31'31	24♎20	24♈32	3♈27	1♓ 9	28♑18	19♐28	26♍ 4	11♎47	29♊24	3♉34	4♉52	0♒36	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	8s35	27n35	4n47	15s21	2s 9	14s 9	1s23	19s36	1s 9	22s15	0s32	22s15	0n58	1n46	0n45	18n 4	0n49	26n 9	2n27	13n22	13n49	25s55			n.a.
T 2	8 13	25 21	5 4	14 42	2 7	13 44	1 24	19 24	1 9	22 13	0 32	22 15	0 58	1 47	0 45	18 4	0 49	26 9	2 27	13 19	13 48	25 54			n.a.
F 3	7 50	21 21	5 0	14 1	2 5	13 19	1 25	19 11	1 9	22 11	0 32	22 15	0 58	1 48	0 45	18 4	0 49	26 9	2 27	13 17	13 47	25 53			n.a.
S 4	7 28	15 58	4 37	13 18	2 2	12 53	1 25	18 59	1 10	22 9	0 33	22 15	0 58	1 49	0 45	18 5	0 49	26 10	2 27	13 14	13 46	25 51			n.a.
S 5	7 5	9 42	3 54	12 34	1 58	12 26	1 25	18 46	1 10	22 7	0 33	22 16	0 58	1 50	0 45	18 5	0 49	26 10	2 27	13 11	13 45	25 50			n.a.
M 6	6 42	3 0	2 57	11 48	1 54	12 0	1 26	18 33	1 10	22 5	0 33	22 16	0 58	1 51	0 45	18 6	0 49	26 10	2 27	13 9	13 44	25 49			n.a.
T 7	6 19	3s41	1 50	11 0	1 49	11 33	1 26	18 20	1 11	22 4	0 33	22 16	0 58	1 52	0 45	18 6	0 49	26 10	2 27	13 8	13 43	25 48			n.a.
W 8	5 56	10 1	0 38	10 11	1 44	11 6	1 26	18 7	1 11	22 2	0 33	22 16	0 59	1 53	0 45	18 6	0 49	26 10	2 27	13 7	13 42	25 46			n.a.
T 9	5 33	15 41	0s33	9 21	1 38	10 38	1 26	17 54	1 11	22 0	0 33	22 16	0 59	1 54	0 45	18 7	0 49	26 10	2 27	13 7	13 41	25 45			n.a.
F 10	5 10	20 29	1 41	8 29	1 32	10 10	1 27	17 40	1 11	21 58	0 34	22 17	0 59	1 55	0 45	18 7	0 49	26 10	2 27	13 7	13 40	25 44			n.a.
S 11	4 47	24 12	2 42	7 36	1 25	9 42	1 27	17 27	1 12	21 56	0 34	22 17	0 59	1 56	0 45	18 7	0 49	26 10	2 27	13 8	13 39	25 42			n.a.
S 12	4 24	26 44	3 34	6 41	1 17	9 14	1 27	17 13	1 12	21 54	0 34	22 17	0 59	1 57	0 45	18 8	0 49	26 10	2 27	13 8	13 38	25 41			n.a.
M13	4 0	27 58	4 16	5 45	1 10	8 45	1 26	16 59	1 12	21 52	0 34	22 17	0 59	1 58	0 45	18 8	0 49	26 10	2 28	13 8	13 36	25 40			n.a.
T 14	3 37	27 53	4 46	4 48	1 1	8 17	1 26	16 44	1 12	21 51	0 34	22 17	0 59	1 59	0 45	18 9	0 49	26 10	2 28	13 7	13 35	25 38			n.a.
W15	3 14	26 31	5 4	3 50	0 52	7 48	1 26	16 30	1 13	21 49	0 34	22 17	0 59	2 0	0 45	18 9	0 49	26 10	2 28	13 5	13 34	25 37			n.a.
T 16	2 50	23 59	5 9	2 51	0 43	7 19	1 26	16 15	1 13	21 47	0 35	22 17	0 59	2 1	0 45	18 9	0 49	26 10	2 28	13 3	13 33	25 36			n.a.
F 17	2 27	20 24	5 0	1 52	0 33	6 49	1 25	16 1	1 13	21 45	0 35	22 17	0 59	2 2	0 45	18 9	0 49	26 10	2 28	13 1	13 32	25 34			n.a.
S 18	2 3	15 57	4 38	0 52	0 23	6 20	1 25	15 46	1 13	21 43	0 35	22 17	0 59	2 3	0 45	18 10	0 49	26 10	2 28	12 59	13 31	25 33			n.a.
S 19	1 40	10 49	4 3	0n 9	0 13	5 50	1 25	15 31	1 14	21 41	0 35	22 18	0 59	2 4	0 45	18 10	0 49	26 10	2 28	12 56	13 30	25 32			n.a.
M20	1 16	5 11	3 16	1 10	0 2	5 20	1 24	15 16	1 14	21 40	0 35	22 18	0 59	2 5	0 45	18 10	0 49	26 10	2 28	12 54	13 29	25 30			n.a.
T 21	0 53	0n44	2 19	2 10	0n 9	4 50	1 23	15 1	1 14	21 38	0 36	22 18	0 59	2 6	0 45	18 11	0 49	26 10	2 28	12 53	13 28	25 29			n.a.
W22	0 29	6 44	1 14	3 10	0 20	4 20	1 23	14 45	1 14	21 36	0 36	22 18	0 59	2 7	0 45	18 11	0 49	26 10	2 28	12 52	13 27	25 28			n.a.
T 23	0 6	12 33	0 4	4 10	0 31	3 50	1 22	14 30	1 14	21 34	0 36	22 18	0 59	2 8	0 45	18 11	0 49	26 10	2 28	12 51	13 26	25 26			n.a.
F 24	0n18	17 54	1n 8	5 9	0 42	3 19	1 21	14 14	1 14	21 32	0 36	22 18	0 59	2 9	0 45	18 12	0 49	26 10	2 28	12 52	13 25	25 25			n.a.
S 25	0 41	22 29	2 17	6 7	0 53	2 49	1 20	13 58	1 15	21 31	0 36	22 18	0 59	2 10	0 45	18 12	0 49	26 10	2 28	12 52	13 24	25 23			n.a.
S 26	1 4	25 55	3 19	7 4	1 4	2 18	1 19	13 42	1 15	21 29	0 37	22 18	0 59	2 11	0 45	18 12	0 49	26 10	2 28	12 53	13 23	25 22			n.a.
M27	1 28	27 51	4 11	7 59	1 15	1 48	1 18	13 26	1 15	21 27	0 37	22 18	0 59	2 12	0 45	18 12	0 49	26 10	2 28	12 53	13 21	25 21			n.a.
T 28	1 51	28 2	4 49	8 53	1 25	1 17	1 17	13 10	1 15	21 26	0 37	22 18	0 59	2 13	0 45	18 13	0 49	26 10	2 28	12 53	13 20	25 19			n.a.
W29	2 15	26 22	5 10	9 44	1 35	0 46	1 16	12 54	1 15	21 24	0 37	22 18	0 59	2 14	0 45	18 13	0 49	26 10	2 28	12 52	13 19	25 18			n.a.
T 30	2 38	22 59	5 11	10 34	1 44	0 15	1 15	12 38	1 15	21 22	0 37	22 18	0 59	2 15	0 45	18 13	0 49	26 10	2 28	12 52	13 18	25 16			n.a.
F 31	3n 1	18n 9	4n53	11n22	1n53	0n15	1s14	12s21	1s15	21s21	0s38	22s18	0n59	2n16	0n45	18n13	0n49	26n10	2n28	12n51	13n17	25s15			n.a.

Julian Day Number = 1705411.5, Delta T = 03h03m26s
Ecliptic obliquity = 23°42'09, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°40'06, Lahiri = - 4°33'06 Julian Calendar 1 March 44 BCE == Greg. Calendar 27 Feb. 044 BCE

The year -43 astronomical counting style corresponds to year 044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 44 BCE
geocentric

APRIL 44 BCE (-43) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 27 0	8♈29'38	8♍53	26♈13	4♈41	1♓55	28♑27	19°R28	26°R 2	11°R47	29♊24	3°R30	4♉49	0♒43	n.a.	S 1
S 2	12 30 57	9°27'42	23°20	27°51	5°55	2°41	28°36	19♐28	25♍59	11♌46	29°25	3♉27	4°46	0°49	n.a.	S 2
M 3	12 34 53	10°25'45	7♎35	29°24	7° 9	3°27	28°44	19°28	25°57	11°45	29°25	3°25	4°43	0°56	n.a.	M 3
T 4	12 38 50	11°23'46	21°33	0♉54	8°23	4°13	28°53	19°27	25°55	11°44	29°26	3°23	4°39	1° 3	n.a.	T 4
W 5	12 42 46	12°21'45	5♏11	2°20	9°36	4°59	29° 1	19°27	25°52	11°44	29°26	3°D23	4°36	1°10	n.a.	W 5
T 6	12 46 43	13°19'43	18°26	3°42	10°50	5°45	29°10	19°27	25°50	11°43	29°27	3°23	4°33	1°16	n.a.	T 6
F 7	12 50 39	14°17'39	1♐20	5° 0	12° 4	6°30	29°18	19°26	25°47	11°43	29°27	3°25	4°30	1°23	n.a.	F 7
S 8	12 54 36	15°15'34	13°55	6°13	13°18	7°16	29°26	19°25	25°45	11°42	29°28	3°26	4°27	1°30	n.a.	S 8
S 9	12 58 32	16°13'28	26°12	7°22	14°32	8° 2	29°34	19°25	25°43	11°42	29°29	3°27	4°24	1°36	n.a.	S 9
M10	13 2 29	17°11'20	8♑17	8°27	15°46	8°48	29°41	19°24	25°40	11°41	29°29	3°28	4°20	1°43	n.a.	M10
T 11	13 6 25	18° 9'11	20°14	9°27	17° 0	9°33	29°49	19°23	25°38	11°41	29°30	3°R28	4°17	1°50	n.a.	T 11
W12	13 10 22	19° 7'00	2♒ 7	10°22	18°13	10°19	29°57	19°22	25°36	11°40	29°30	3°28	4°14	1°57	n.a.	W12
T 13	13 14 19	20° 4'48	14° 1	11°13	19°27	11° 4	0♒ 4	19°21	25°33	11°40	29°31	3°27	4°11	2° 3	n.a.	T 13
F 14	13 18 15	21° 2'35	26° 1	12° 0	20°41	11°50	0°11	19°20	25°31	11°39	29°32	3°25	4° 8	2°10	n.a.	F 14
S 15	13 22 12	22° 0'21	8♓ 9	12°42	21°55	12°35	0°18	19°18	25°29	11°39	29°33	3°24	4° 5	2°17	n.a.	S 15
S 16	13 26 8	22°58'05	20°30	13°19	23° 9	13°21	0°25	19°17	25°27	11°39	29°33	3°22	4° 1	2°24	n.a.	S 16
M17	13 30 5	23°55'47	3♈ 4	13°51	24°23	14° 6	0°32	19°15	25°25	11°38	29°34	3°21	3°58	2°30	n.a.	M17
T 18	13 34 1	24°53'29	15°55	14°18	25°36	14°51	0°38	19°14	25°22	11°38	29°35	3°20	3°55	2°37	n.a.	T 18
W19	13 37 58	25°51'09	29° 1	14°41	26°50	15°37	0°45	19°12	25°20	11°38	29°36	3°D20	3°52	2°44	n.a.	W19
T 20	13 41 54	26°48'48	12♉23	14°58	28° 4	16°22	0°51	19°10	25°18	11°38	29°37	3°20	3°49	2°50	n.a.	T 20
F 21	13 45 51	27°46'25	25°59	15°11	29°18	17° 7	0°57	19° 9	25°16	11°38	29°38	3°20	3°45	2°57	n.a.	F 21
S 22	13 49 48	28°44'01	9♊48	15°19	0♉31	17°52	1° 3	19° 7	25°14	11°38	29°38	3°21	3°42	3° 4	n.a.	S 22
S 23	13 53 44	29°41'36	23°46	15°R22	1°45	18°37	1° 9	19° 5	25°12	11°37	29°39	3°21	3°39	3°11	n.a.	S 23
M24	13 57 41	0♉39'09	7♋53	15°20	2°59	19°22	1°15	19° 3	25°10	11°37	29°40	3°21	3°36	3°17	n.a.	M24
T 25	14 1 37	1°36'40	22° 4	15°14	4°13	20° 7	1°20	19° 0	25° 8	11°D37	29°41	3°21	3°33	3°24	n.a.	T 25
W26	14 5 34	2°34'10	6♌18	15° 4	5°26	20°52	1°25	18°58	25° 7	11°37	29°42	3°R21	3°30	3°31	n.a.	W26
T 27	14 9 30	3°31'38	20°33	14°49	6°40	21°37	1°31	18°56	25° 5	11°37	29°43	3°D21	3°26	3°38	n.a.	T 27
F 28	14 13 27	4°29'05	4♍45	14°30	7°54	22°22	1°36	18°53	25° 3	11°38	29°44	3°21	3°23	3°44	n.a.	F 28
S 29	14 17 23	5°26'30	18°51	14° 8	9° 7	23° 7	1°40	18°51	25° 1	11°38	29°45	3°22	3°20	3°51	n.a.	S 29
S 30	14 21 20	6♉23'54	2♎50	13♉43	10♉21	23♓51	1♒45	18♐48	24♍59	11♌38	29♊46	3♉22	3♉17	3♒58	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n24	12n16	4n16	12n 7	2n 2	0n46	1s13	12s 5	1s15	21s19	0s38	22s18	0n59	2n17	0n45	18n13	0n49	26n10	2n28	12n49	13n16	25s13		n.a.
S 2	3 47	5 46	3 22	12 50	2 9	1 17	1 12	11 48	1 15	21 17	0 38	22 18	0 59	2 18	0 45	18 14	0 49	26 10	2 28	12 48	13 15	25 12		n.a.
M 3	4 10	0s57	2 17	13 30	2 16	1 48	1 10	11 31	1 15	21 16	0 38	22 18	0 59	2 19	0 45	18 14	0 49	26 10	2 28	12 47	13 14	25 10		n.a.
T 4	4 33	7 30	1 5	14 8	2 23	2 18	1 9	11 14	1 16	21 14	0 39	22 18	0 59	2 20	0 45	18 14	0 49	26 10	2 28	12 47	13 13	25 9		n.a.
W 5	4 56	13 33	0s10	14 44	2 28	2 49	1 7	10 58	1 16	21 13	0 39	22 18	0 59	2 21	0 45	18 14	0 49	26 10	2 28	12 47	13 12	25 7		n.a.
T 6	5 19	18 49	1 22	15 17	2 33	3 20	1 6	10 41	1 16	21 11	0 39	22 18	0 59	2 22	0 45	18 14	0 49	26 10	2 28	12 47	13 11	25 6		n.a.
F 7	5 42	23 4	2 28	15 47	2 37	3 50	1 4	10 23	1 16	21 10	0 39	22 18	0 59	2 23	0 45	18 14	0 49	26 10	2 28	12 47	13 10	25 4		n.a.
S 8	6 4	26 7	3 25	16 15	2 40	4 21	1 3	10 6	1 16	21 8	0 39	22 18	0 59	2 24	0 45	18 15	0 49	26 10	2 28	12 48	13 9	25 3		n.a.
S 9	6 27	27 50	4 11	16 40	2 42	4 51	1 1	9 49	1 16	21 7	0 40	22 18	0 59	2 25	0 45	18 15	0 49	26 10	2 28	12 48	13 7	25 1		n.a.
M10	6 49	28 12	4 46	17 2	2 43	5 21	0 59	9 32	1 16	21 5	0 40	22 17	0 59	2 26	0 45	18 15	0 49	26 10	2 28	12 48	13 6	25 0		n.a.
T 11	7 12	27 13	5 7	17 22	2 43	5 52	0 58	9 14	1 16	21 4	0 40	22 17	0 59	2 26	0 45	18 15	0 49	26 10	2 28	12 49	13 5	24 58		n.a.
W12	7 34	25 1	5 16	17 40	2 43	6 22	0 56	8 57	1 16	21 2	0 40	22 17	0 59	2 27	0 45	18 15	0 49	26 10	2 28	12 48	13 4	24 57		n.a.
T 13	7 56	21 44	5 10	17 54	2 41	6 52	0 54	8 40	1 16	21 1	0 41	22 17	0 59	2 28	0 45	18 15	0 49	26 10	2 28	12 48	13 3	24 55		n.a.
F 14	8 18	17 33	4 52	18 6	2 38	7 21	0 52	8 22	1 16	21 0	0 41	22 17	0 59	2 29	0 45	18 15	0 49	26 10	2 28	12 48	13 2	24 54		n.a.
S 15	8 40	12 36	4 20	18 16	2 34	7 51	0 50	8 4	1 16	20 59	0 41	22 17	0 59	2 30	0 45	18 15	0 49	26 10	2 28	12 47	13 1	24 52		n.a.
S 16	9 1	7 6	3 35	18 23	2 30	8 21	0 48	7 47	1 16	20 57	0 41	22 17	0 59	2 31	0 45	18 15	0 49	26 10	2 28	12 46	13 0	24 51		n.a.
M17	9 23	1 12	2 40	18 27	2 24	8 50	0 46	7 29	1 16	20 56	0 41	22 17	0 59	2 32	0 45	18 16	0 49	26 10	2 28	12 46	12 59	24 49		n.a.
T 18	9 44	4n52	1 35	18 29	2 17	9 19	0 44	7 11	1 16	20 55	0 42	22 17	0 59	2 33	0 45	18 16	0 48	26 10	2 28	12 46	12 58	24 48		n.a.
W19	10 6	10 53	0 24	18 28	2 9	9 48	0 42	6 54	1 16	20 54	0 42	22 16	0 59	2 33	0 45	18 16	0 48	26 10	2 28	12 46	12 57	24 46		n.a.
T 20	10 27	16 31	0n50	18 25	2 0	10 16	0 40	6 36	1 16	20 52	0 42	22 16	0 59	2 34	0 45	18 16	0 48	26 10	2 28	12 46	12 56	24 44		n.a.
F 21	10 48	21 27	2 2	18 19	1 50	10 45	0 38	6 18	1 16	20 51	0 42	22 16	0 59	2 35	0 45	18 16	0 48	26 10	2 28	12 46	12 54	24 43		n.a.
S 22	11 9	25 16	3 8	18 11	1 39	11 13	0 36	6 0	1 15	20 50	0 43	22 16	0 59	2 36	0 45	18 16	0 48	26 10	2 28	12 46	12 53	24 41		n.a.
S 23	11 29	27 37	4 4	18 0	1 27	11 41	0 34	5 42	1 15	20 49	0 43	22 16	0 59	2 36	0 45	18 16	0 48	26 10	2 28	12 46	12 52	24 40		n.a.
M24	11 50	28 13	4 46	17 47	1 14	12 9	0 32	5 24	1 15	20 48	0 43	22 16	0 59	2 37	0 45	18 16	0 48	26 10	2 28	12 46	12 51	24 38		n.a.
T 25	12 10	26 59	5 11	17 32	1 0	12 36	0 30	5 6	1 15	20 47	0 43	22 15	0 59	2 38	0 45	18 16	0 48	26 10	2 28	12 46	12 50	24 36		n.a.
W26	12 30	24 0	5 16	17 15	0 45	13 3	0 27	4 48	1 15	20 46	0 44	22 15	0 59	2 39	0 45	18 16	0 48	26 10	2 28	12 46	12 49	24 35		n.a.
T 27	12 50	19 34	5 3	16 56	0 30	13 30	0 25	4 30	1 15	20 45	0 44	22 15	0 59	2 39	0 45	18 16	0 48	26 10	2 28	12 46	12 48	24 33		n.a.
F 28	13 9	14 4	4 31	16 35	0 14	13 56	0 23	4 12	1 15	20 45	0 44	22 15	0 59	2 40	0 45	18 16	0 48	26 10	2 28	12 46	12 47	24 31		n.a.
S 29	13 29	7 51	3 42	16 13	0s 3	14 22	0 21	3 54	1 15	20 44	0 44	22 15	0 59	2 41	0 44	18 16	0 48	26 10	2 28	12 46	12 46	24 30		n.a.
S 30	13n48	1n19	2n41	15n49	0s19	14n48	0s18	3s36	1s15	20s43	0s45	22s14	0n59	2n41	0n44	18n16	0n48	26n10	2n28	12n46	12n45	24s28		n.a.

Julian Day Number = 1705442.5, Delta T = 03h03m25s
Ecliptic obliquity = 23°42'09, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°40'02, Lahiri = - 4°33'01 Julian Calendar 1 Apr. 44 BCE == Greg. Calendar 30 March 044 BCE

The year -43 astronomical counting style corresponds to year 044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 44 BCE
geocentric

MAY 44 BCE (-43) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 25 17	7♉21'17	16♎37	13°R15	11♉35	24♓36	1♒49	18°R46	24°R58	11♌38	29♊48	3♉22	3♉14	4♒ 4	n.a.	M 1
T 2	14 29 13	8°18'39	0♏12	12♉45	12°49	25°20	1°54	18♐43	24♍56	11°38	29°49	3°R22	3°10	4°11	n.a.	T 2
W 3	14 33 10	9°16'00	13°31	12°13	14° 2	26° 5	1°58	18°40	24°55	11°38	29°50	3°22	3° 7	4°18	n.a.	W 3
T 4	14 37 6	10°13'19	26°33	11°40	15°16	26°49	2° 2	18°37	24°53	11°39	29°51	3°22	3° 4	4°25	n.a.	T 4
F 5	14 41 3	11°10'38	9♐19	11° 6	16°30	27°34	2° 6	18°34	24°51	11°39	29°52	3°21	3° 1	4°31	n.a.	F 5
S 6	14 44 59	12° 7'56	21°50	10°33	17°43	28°18	2° 9	18°31	24°50	11°39	29°53	3°20	2°58	4°38	n.a.	S 6
S 7	14 48 56	13° 5'14	4♑ 6	10° 0	18°57	29° 3	2°13	18°28	24°49	11°40	29°54	3°19	2°55	4°45	n.a.	S 7
M 8	14 52 52	14° 2'31	16°12	9°28	20°10	29°47	2°16	18°25	24°47	11°40	29°56	3°18	2°51	4°51	n.a.	M 8
T 9	14 56 49	14°59'47	28° 9	8°58	21°24	0♈31	2°19	18°22	24°46	11°41	29°57	3°17	2°48	4°58	n.a.	T 9
W10	15 0 46	15°57'02	10♒ 3	8°30	22°38	1°15	2°22	18°18	24°44	11°41	29°58	3°16	2°45	5° 5	n.a.	W10
T 11	15 4 42	16°54'18	21°57	8° 4	23°51	1°59	2°25	18°15	24°43	11°41	29°59	3°D16	2°42	5°12	n.a.	T 11
F 12	15 8 39	17°51'32	3♓57	7°42	25° 5	2°43	2°27	18°11	24°42	11°42	0♋ 1	3°16	2°39	5°18	n.a.	F 12
S 13	15 12 35	18°48'46	16° 7	7°23	26°19	3°27	2°29	18° 8	24°41	11°43	0° 2	3°18	2°36	5°25	n.a.	S 13
S 14	15 16 32	19°46'00	28°30	7° 8	27°32	4°11	2°31	18° 4	24°40	11°43	0° 3	3°19	2°32	5°32	n.a.	S 14
M15	15 20 28	20°43'13	11♈11	6°57	28°46	4°55	2°33	18° 1	24°39	11°44	0° 5	3°20	2°29	5°39	n.a.	M15
T 16	15 24 25	21°40'26	24°13	6°50	29°59	5°39	2°35	17°57	24°38	11°44	0° 6	3°21	2°26	5°45	n.a.	T 16
W17	15 28 21	22°37'38	7♉35	6°D48	1♊13	6°22	2°37	17°53	24°37	11°45	0° 7	3°R21	2°23	5°52	n.a.	W17
T 18	15 32 18	23°34'50	21°18	6°50	2°27	7° 6	2°38	17°50	24°36	11°46	0° 9	3°20	2°20	5°59	n.a.	T 18
F 19	15 36 15	24°32'02	5♊20	6°56	3°40	7°50	2°39	17°46	24°35	11°47	0°10	3°19	2°16	6° 5	n.a.	F 19
S 20	15 40 11	25°29'13	19°36	7° 7	4°54	8°33	2°40	17°42	24°34	11°47	0°11	3°16	2°13	6°12	n.a.	S 20
S 21	15 44 8	26°26'23	4♋ 1	7°23	6° 8	9°17	2°41	17°38	24°33	11°48	0°13	3°13	2°10	6°19	n.a.	S 21
M22	15 48 4	27°23'33	18°31	7°44	7°21	10° 0	2°42	17°34	24°33	11°49	0°14	3°10	2° 7	6°26	n.a.	M22
T 23	15 52 1	28°20'43	2♌59	8° 9	8°35	10°43	2°42	17°30	24°32	11°50	0°16	3° 7	2° 4	6°32	n.a.	T 23
W24	15 55 57	29°17'51	17°21	8°38	9°49	11°26	2°42	17°26	24°31	11°51	0°17	3° 6	2° 1	6°39	n.a.	W24
T 25	15 59 54	0♊14'59	1♍33	9°12	11° 2	12°10	2°R42	17°22	24°31	11°52	0°19	3°D 5	1°57	6°46	n.a.	T 25
F 26	16 3 51	1°12'07	15°34	9°51	12°16	12°53	2°42	17°18	24°30	11°53	0°20	3° 6	1°54	6°53	n.a.	F 26
S 27	16 7 47	2° 9'14	29°22	10°33	13°29	13°36	2°42	17°14	24°30	11°54	0°21	3° 7	1°51	6°59	n.a.	S 27
S 28	16 11 44	3° 6'20	12♎57	11°21	14°43	14°19	2°41	17° 9	24°29	11°55	0°23	3° 9	1°48	7° 6	n.a.	S 28
M29	16 15 40	4° 3'26	26°19	12°12	15°56	15° 1	2°41	17° 5	24°29	11°56	0°24	3°10	1°45	7°13	n.a.	M29
T 30	16 19 37	5° 0'31	9♏29	13° 8	17°10	15°44	2°40	17° 1	24°28	11°57	0°26	3°R10	1°42	7°19	n.a.	T 30
W31	16 23 33	5♊57'37	22♏26	14♉ 7	18♊24	16♈27	2♒39	16♐57	24♍28	11♌58	0♋27	3♉ 8	1♉38	7♒26	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	14n 7	5s12	1n31	15n24	0s37	15n13	0s16	3s18	1s14	20s42	0s45	22s14	0n59	2n42	0n44	18n15	0n48	26n10	2n28	12n46	12n44	24s26			n.a.
T 2	14 26	11 23	0 18	14 59	0 54	15 38	0 14	3 0	1 14	20 41	0 45	22 14	0 59	2 43	0 44	18 15	0 48	26 10	2 28	12 46	12 42	24 25			n.a.
W 3	14 44	16 57	0s56	14 33	1 11	16 3	0 11	2 42	1 14	20 41	0 46	22 14	0 59	2 43	0 44	18 15	0 48	26 10	2 28	12 46	12 41	24 23			n.a.
T 4	15 3	21 37	2 5	14 6	1 28	16 27	0 9	2 24	1 14	20 40	0 46	22 14	0 59	2 44	0 44	18 15	0 48	26 10	2 28	12 46	12 40	24 21			n.a.
F 5	15 21	25 9	3 6	13 40	1 45	16 51	0 7	2 6	1 14	20 39	0 46	22 13	0 59	2 44	0 44	18 15	0 48	26 10	2 28	12 46	12 39	24 20			n.a.
S 6	15 39	27 23	3 57	13 14	2 1	17 14	0 4	1 48	1 14	20 39	0 46	22 13	0 59	2 45	0 44	18 15	0 48	26 10	2 28	12 46	12 38	24 18			n.a.
S 7	15 56	28 14	4 36	12 49	2 16	17 37	0 2	1 30	1 13	20 38	0 47	22 13	0 59	2 46	0 44	18 15	0 48	26 10	2 28	12 45	12 37	24 16			n.a.
M 8	16 14	27 42	5 2	12 25	2 31	18 0	0n 1	1 12	1 13	20 38	0 47	22 13	0 59	2 46	0 44	18 15	0 48	26 10	2 28	12 45	12 36	24 15			n.a.
T 9	16 31	25 53	5 15	12 3	2 44	18 22	0 3	0 54	1 13	20 37	0 47	22 12	0 59	2 47	0 44	18 15	0 48	26 10	2 28	12 44	12 35	24 13			n.a.
W10	16 48	22 57	5 14	11 42	2 57	18 43	0 5	0 36	1 13	20 37	0 47	22 12	0 59	2 47	0 44	18 14	0 48	26 10	2 28	12 44	12 34	24 11			n.a.
T 11	17 4	19 3	4 59	11 22	3 9	19 4	0 8	0 18	1 12	20 37	0 48	22 12	0 59	2 48	0 44	18 14	0 48	26 10	2 28	12 44	12 33	24 9			n.a.
F 12	17 21	14 23	4 32	11 5	3 19	19 25	0 10	0 1	1 12	20 36	0 48	22 12	0 59	2 48	0 44	18 14	0 48	26 10	2 28	12 44	12 31	24 8			n.a.
S 13	17 37	9 6	3 52	10 50	3 29	19 45	0 13	0n17	1 12	20 36	0 48	22 11	0 59	2 48	0 44	18 14	0 48	26 10	2 28	12 45	12 30	24 6			n.a.
S 14	17 52	3 21	3 1	10 38	3 37	20 4	0 15	0 35	1 12	20 36	0 48	22 11	0 59	2 49	0 44	18 14	0 48	26 10	2 28	12 45	12 29	24 4			n.a.
M15	18 8	2n39	1 59	10 28	3 44	20 23	0 17	0 53	1 11	20 36	0 49	22 11	0 59	2 49	0 44	18 14	0 48	26 10	2 28	12 46	12 28	24 2			n.a.
T 16	18 23	8 43	0 50	10 20	3 49	20 42	0 20	1 11	1 11	20 36	0 49	22 10	0 59	2 50	0 44	18 13	0 48	26 10	2 28	12 46	12 27	24 1			n.a.
W17	18 38	14 34	0n23	10 15	3 53	20 59	0 22	1 28	1 11	20 35	0 49	22 10	0 59	2 50	0 44	18 13	0 48	26 10	2 28	12 46	12 26	23 59			n.a.
T 18	18 52	19 51	1 37	10 13	3 57	21 17	0 24	1 46	1 11	20 35	0 50	22 10	0 59	2 50	0 44	18 13	0 48	26 10	2 28	12 46	12 25	23 57			n.a.
F 19	19 7	24 10	2 47	10 13	3 59	21 33	0 27	2 4	1 10	20 35	0 50	22 9	0 59	2 51	0 44	18 13	0 48	26 10	2 28	12 45	12 24	23 55			n.a.
S 20	19 21	27 4	3 47	10 16	3 59	21 49	0 29	2 21	1 10	20 35	0 50	22 9	0 59	2 51	0 44	18 13	0 48	26 10	2 28	12 44	12 23	23 53			n.a.
S 21	19 34	28 12	4 34	10 22	3 59	22 5	0 31	2 39	1 10	20 36	0 50	22 9	0 59	2 51	0 44	18 12	0 48	26 10	2 28	12 43	12 21	23 52			n.a.
M22	19 48	27 25	5 3	10 30	3 58	22 20	0 34	2 56	1 9	20 36	0 51	22 8	0 59	2 51	0 44	18 12	0 48	26 11	2 28	12 42	12 20	23 50			n.a.
T 23	20 1	24 47	5 13	10 40	3 55	22 34	0 36	3 14	1 9	20 36	0 51	22 8	0 59	2 52	0 44	18 12	0 48	26 11	2 28	12 41	12 19	23 48			n.a.
W24	20 13	20 37	5 4	10 52	3 52	22 48	0 38	3 31	1 9	20 36	0 51	22 8	0 59	2 52	0 44	18 11	0 48	26 11	2 28	12 41	12 18	23 46			n.a.
T 25	20 26	15 19	4 36	11 7	3 48	23 1	0 40	3 49	1 8	20 36	0 52	22 7	0 58	2 52	0 44	18 11	0 48	26 11	2 28	12 41	12 17	23 44			n.a.
F 26	20 38	9 18	3 52	11 24	3 43	23 13	0 43	4 6	1 8	20 37	0 52	22 7	0 58	2 52	0 43	18 11	0 48	26 11	2 29	12 41	12 16	23 43			n.a.
S 27	20 49	2 55	2 54	11 43	3 37	23 24	0 45	4 23	1 8	20 37	0 52	22 7	0 58	2 52	0 43	18 11	0 48	26 11	2 29	12 41	12 15	23 41			n.a.
S 28	21 1	3s30	1 48	12 4	3 30	23 35	0 47	4 40	1 7	20 37	0 52	22 6	0 58	2 53	0 43	18 10	0 48	26 11	2 29	12 42	12 14	23 39			n.a.
M29	21 11	9 41	0 37	12 27	3 23	23 46	0 49	4 57	1 7	20 38	0 53	22 6	0 58	2 53	0 43	18 10	0 48	26 11	2 29	12 42	12 13	23 37			n.a.
T 30	21 22	15 21	0s34	12 52	3 15	23 55	0 51	5 14	1 7	20 38	0 53	22 6	0 58	2 53	0 43	18 10	0 48	26 11	2 29	12 42	12 12	23 35			n.a.
W31	21n32	20s15	1s43	13n18	3s 6	24n 4	0n53	5n31	1s 6	20s39	0s53	22s 5	0n58	2n53	0n43	18n 9	0n48	26n11	2n29	12n42	12n10	23s33			n.a.

Julian Day Number = 1705472.5, Delta T = 03h03m24s
Ecliptic obliquity = 23°42'09, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°39'58, Lahiri = - 4°32'57 Julian Calendar 1 May 44 BCE == Greg. Calendar 29 Apr. 044 BCE

The year -43 astronomical counting style corresponds to year 044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 44 BCE
geocentric

JUNE 44 BCE (-43) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 27 30	6♊54'42	5♐11	15♉11	19♊37	17♈10	2°R37	16°R52	24°R28	11♑59	0♋29	3°R 5	1♉35	7♒33	n.a.	T 1
F 2	16 31 26	7°51'47	17°44	16°19	20°51	17°52	2♒36	16♐48	24♍28	12° 0	0°31	3♉ 1	1°32	7°40	n.a.	F 2
S 3	16 35 23	8°48'53	0♑ 5	17°31	22° 4	18°35	2°34	16°44	24°28	12° 1	0°32	2°55	1°29	7°46	n.a.	S 3
S 4	16 39 20	9°45'58	12°16	18°47	23°18	19°17	2°32	16°39	24°28	12° 3	0°34	2°49	1°26	7°53	n.a.	S 4
M 5	16 43 16	10°43'04	24°18	20° 6	24°31	20° 0	2°30	16°35	24°D28	12° 4	0°35	2°42	1°22	8° 0	n.a.	M 5
T 6	16 47 13	11°40'10	6♒14	21°30	25°45	20°42	2°28	16°31	24°28	12° 5	0°37	2°37	1°19	8° 6	n.a.	T 6
W 7	16 51 9	12°37'17	18° 6	22°57	26°58	21°24	2°25	16°26	24°28	12° 6	0°38	2°32	1°16	8°13	n.a.	W 7
T 8	16 55 6	13°34'23	29°59	24°28	28°12	22° 6	2°23	16°22	24°28	12° 8	0°40	2°29	1°13	8°20	n.a.	T 8
F 9	16 59 2	14°31'30	11♓58	26° 2	29°25	22°48	2°20	16°17	24°28	12° 9	0°42	2°D28	1°10	8°27	n.a.	F 9
S 10	17 2 59	15°28'38	24° 6	27°40	0♋39	23°30	2°17	16°13	24°28	12°11	0°43	2°29	1° 7	8°33	n.a.	S 10
S 11	17 6 55	16°25'46	6♈28	29°22	1°52	24°12	2°14	16° 9	24°29	12°12	0°45	2°30	1° 3	8°40	n.a.	S 11
M12	17 10 52	17°22'55	19°10	1♊ 7	3° 6	24°54	2°10	16° 4	24°29	12°13	0°46	2°31	1° 0	8°47	n.a.	M12
T 13	17 14 49	18°20'04	2♉14	2°55	4°19	25°36	2° 7	16° 0	24°29	12°15	0°48	2°R32	0°57	8°54	n.a.	T 13
W14	17 18 45	19°17'14	15°45	4°46	5°33	26°18	2° 3	15°55	24°30	12°16	0°50	2°31	0°54	9° 0	n.a.	W14
T 15	17 22 42	20°14'24	29°41	6°40	6°46	26°59	1°59	15°51	24°30	12°18	0°51	2°28	0°51	9° 7	n.a.	T 15
F 16	17 26 38	21°11'35	14♊ 1	8°36	8° 0	27°41	1°55	15°47	24°31	12°19	0°53	2°24	0°48	9°14	n.a.	F 16
S 17	17 30 35	22° 8'47	28°41	10°35	9°14	28°22	1°51	15°42	24°32	12°21	0°55	2°17	0°44	9°20	n.a.	S 17
S 18	17 34 31	23° 5'59	13♋32	12°36	10°27	29° 3	1°47	15°38	24°32	12°22	0°56	2°10	0°41	9°27	n.a.	S 18
M19	17 38 28	24° 3'12	28°27	14°39	11°41	29°45	1°42	15°34	24°33	12°24	0°58	2° 2	0°38	9°34	n.a.	M19
T 20	17 42 25	25° 0'25	13♌17	16°44	12°54	0♉26	1°37	15°29	24°34	12°26	1° 0	1°55	0°35	9°41	n.a.	T 20
W21	17 46 21	25°57'38	27°54	18°49	14° 8	1° 7	1°32	15°25	24°35	12°27	1° 1	1°50	0°32	9°47	n.a.	W21
T 22	17 50 18	26°54'51	12♍14	20°56	15°21	1°48	1°27	15°21	24°35	12°29	1° 3	1°47	0°28	9°54	n.a.	T 22
F 23	17 54 14	27°52'05	26°14	23° 3	16°34	2°29	1°22	15°16	24°36	12°31	1° 5	1°D46	0°25	10° 1	n.a.	F 23
S 24	17 58 11	28°49'19	9♎54	25°10	17°48	3°10	1°17	15°12	24°37	12°32	1° 6	1°47	0°22	10° 8	n.a.	S 24
S 25	18 2 7	29°46'34	23°16	27°18	19° 1	3°50	1°11	15° 8	24°38	12°34	1° 8	1°48	0°19	10°14	n.a.	S 25
M26	18 6 4	0♋43'49	6♏21	29°25	20°15	4°31	1° 5	15° 4	24°39	12°36	1° 9	1°R48	0°16	10°21	n.a.	M26
T 27	18 10 0	1°41'05	19°11	1♋31	21°28	5°12	1° 0	15° 0	24°41	12°38	1°11	1°46	0°13	10°28	n.a.	T 27
W28	18 13 57	2°38'21	1♐49	3°37	22°42	5°52	0°54	14°55	24°42	12°39	1°13	1°43	0° 9	10°34	n.a.	W28
T 29	18 17 54	3°35'38	14°17	5°42	23°55	6°33	0°48	14°51	24°43	12°41	1°14	1°36	0° 6	10°41	n.a.	T 29
F 30	18 21 50	4♋32'56	26♐35	7♋46	25♋ 8	7♉13	0♒41	14♐47	24♍44	12♑43	1♋16	1♉28	0♉ 3	10♒48	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n42	24s 7	2s46	13n45	2s57	24n12	0n55	5n48	1s 6	20s39	0s53	22s 5	0n58	2n53	0n43	18n 9	0n48	26n11	2n29	12n41	12n 9	23s31		n.a.
F 2	21 52	26 46	3 39	14 14	2 47	24 20	0 57	6 5	1 5	20 40	0 54	22 5	0 58	2 53	0 43	18 9	0 48	26 11	2 29	12 39	12 8	23 30		n.a.
S 3	22 1	28 3	4 21	14 45	2 36	24 27	0 59	6 22	1 5	20 41	0 54	22 4	0 58	2 53	0 43	18 8	0 48	26 11	2 29	12 37	12 7	23 28		n.a.
S 4	22 10	27 57	4 50	15 16	2 26	24 33	1 1	6 38	1 5	20 41	0 54	22 4	0 58	2 53	0 43	18 8	0 48	26 11	2 29	12 35	12 6	23 26		n.a.
M 5	22 18	26 31	5 6	15 48	2 15	24 38	1 3	6 55	1 4	20 42	0 55	22 4	0 58	2 53	0 43	18 8	0 48	26 11	2 29	12 33	12 5	23 24		n.a.
T 6	22 26	23 54	5 9	16 21	2 3	24 42	1 5	7 11	1 4	20 43	0 55	22 3	0 58	2 53	0 43	18 7	0 48	26 11	2 29	12 31	12 4	23 22		n.a.
W 7	22 34	20 17	4 58	16 55	1 51	24 46	1 6	7 28	1 3	20 44	0 55	22 3	0 58	2 53	0 43	18 7	0 48	26 11	2 29	12 29	12 3	23 20		n.a.
T 8	22 41	15 53	4 35	17 29	1 39	24 49	1 8	7 44	1 3	20 45	0 55	22 2	0 58	2 53	0 43	18 6	0 48	26 11	2 29	12 28	12 1	23 18		n.a.
F 9	22 48	10 50	3 59	18 4	1 27	24 52	1 10	8 0	1 2	20 46	0 56	22 2	0 57	2 53	0 43	18 6	0 48	26 11	2 29	12 28	12 0	23 16		n.a.
S 10	22 54	5 19	3 13	18 39	1 15	24 53	1 11	8 16	1 2	20 47	0 56	22 2	0 57	2 52	0 43	18 6	0 48	26 11	2 29	12 28	11 59	23 14		n.a.
S 11	23 0	0n31	2 16	19 13	1 2	24 54	1 13	8 32	1 1	20 48	0 56	22 1	0 57	2 52	0 43	18 5	0 48	26 11	2 29	12 28	11 58	23 12		n.a.
M12	23 6	6 29	1 12	19 48	0 50	24 54	1 14	8 48	1 1	20 49	0 57	22 1	0 57	2 52	0 43	18 5	0 48	26 11	2 29	12 29	11 57	23 10		n.a.
T 13	23 11	12 22	0 2	20 21	0 38	24 54	1 16	9 4	1 0	20 50	0 57	22 1	0 57	2 52	0 43	18 4	0 48	26 11	2 29	12 29	11 56	23 8		n.a.
W14	23 16	17 52	1n11	20 54	0 25	24 52	1 17	9 20	1 0	20 51	0 57	22 0	0 57	2 52	0 43	18 4	0 48	26 11	2 29	12 29	11 55	23 6		n.a.
T 15	23 20	22 36	2 21	21 26	0 13	24 50	1 19	9 35	0 59	20 52	0 57	22 0	0 57	2 51	0 43	18 4	0 48	26 11	2 29	12 28	11 54	23 4		n.a.
F 16	23 24	26 7	3 24	21 57	0 2	24 47	1 20	9 51	0 59	20 53	0 58	21 59	0 57	2 51	0 43	18 3	0 48	26 11	2 29	12 26	11 53	23 2		n.a.
S 17	23 28	27 57	4 15	22 26	0n10	24 44	1 21	10 6	0 58	20 54	0 58	21 59	0 57	2 51	0 43	18 3	0 48	26 11	2 30	12 24	11 51	23 1		n.a.
S 18	23 31	27 49	4 50	22 54	0 21	24 39	1 23	10 21	0 58	20 56	0 58	21 59	0 57	2 51	0 43	18 2	0 48	26 12	2 30	12 21	11 50	22 59		n.a.
M19	23 34	25 41	5 5	23 20	0 31	24 34	1 24	10 37	0 57	20 57	0 58	21 58	0 57	2 50	0 42	18 2	0 48	26 12	2 30	12 19	11 49	22 57		n.a.
T 20	23 36	21 48	5 0	23 43	0 41	24 29	1 25	10 52	0 57	20 58	0 59	21 58	0 56	2 50	0 42	18 1	0 48	26 12	2 30	12 16	11 48	22 55		n.a.
W21	23 38	16 38	4 35	24 4	0 51	24 22	1 26	11 7	0 56	21 0	0 59	21 58	0 56	2 49	0 42	18 1	0 48	26 12	2 30	12 15	11 47	22 53		n.a.
T 22	23 40	10 38	3 53	24 23	0 59	24 15	1 27	11 22	0 56	21 1	0 59	21 57	0 56	2 49	0 42	18 0	0 48	26 12	2 30	12 14	11 46	22 51		n.a.
F 23	23 41	4 14	2 58	24 39	1 8	24 7	1 28	11 36	0 55	21 2	0 59	21 57	0 56	2 49	0 42	18 0	0 48	26 12	2 30	12 13	11 45	22 49		n.a.
S 24	23 42	2s13	1 54	24 52	1 15	23 58	1 29	11 51	0 55	21 4	1 0	21 57	0 56	2 48	0 42	17 59	0 48	26 12	2 30	12 13	11 44	22 46		n.a.
S 25	23 42	8 26	0 46	25 2	1 22	23 49	1 29	12 5	0 54	21 5	1 0	21 56	0 56	2 48	0 42	17 59	0 48	26 12	2 30	12 14	11 42	22 44		n.a.
M26	23 42	14 10	0s24	25 10	1 28	23 38	1 30	12 20	0 53	21 7	1 0	21 56	0 56	2 47	0 42	17 58	0 48	26 12	2 30	12 14	11 41	22 42		n.a.
T 27	23 41	19 11	1 31	25 14	1 33	23 28	1 31	12 34	0 53	21 8	1 0	21 55	0 56	2 47	0 42	17 58	0 48	26 12	2 30	12 13	11 40	22 40		n.a.
W28	23 41	23 15	2 33	25 16	1 37	23 16	1 31	12 48	0 52	21 10	1 1	21 55	0 56	2 46	0 42	17 57	0 48	26 12	2 30	12 12	11 39	22 38		n.a.
T 29	23 39	26 10	3 26	25 16	1 41	23 4	1 32	13 2	0 52	21 11	1 1	21 55	0 55	2 46	0 42	17 57	0 48	26 12	2 30	12 10	11 38	22 36		n.a.
F 30	23n37	27s48	4s 9	25n12	1n44	22n51	1n32	13n16	0s51	21s13	1s 1	21s54	0n55	2n45	0n42	17n56	0n48	26n12	2n30	12n 7	11n37	22s34		n.a.

Julian Day Number = 1705503.5, Delta T = 03h03m23s
Ecliptic obliquity = 23°42'08, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°39'54, Lahiri = - 4°32'53 Julian Calendar 1 June 44 BCE == Greg. Calendar 30 May 044 BCE

The year -43 astronomical counting style corresponds to year 044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 44 BCE
geocentric

JULY 44 BCE (-43) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 25 47	5♋30'15	8♉46	9♋49	26♋22	7♉53	0°R35	14°R43	24♍46	12♎45	1♋18	1°R17	29♈59	10♒55	n.a.	S 1
S 2	18 29 43	6°27'35	20°49	11°51	27°35	8°33	0♒29	14♐39	24°47	12°47	1°19	1♉ 5	29°57	11° 1	n.a.	S 2
M 3	18 33 40	7°24'56	2♒47	13°51	28°49	9°13	0°22	14°36	24°48	12°49	1°21	0°53	29°54	11° 8	n.a.	M 3
T 4	18 37 36	8°22'18	14°40	15°50	0♌ 2	9°53	0°15	14°32	24°50	12°51	1°23	0°42	29°50	11°15	n.a.	T 4
W 5	18 41 33	9°19'41	26°31	17°47	1°15	10°33	0° 9	14°28	24°51	12°52	1°24	0°33	29°47	11°21	n.a.	W 5
T 6	18 45 30	10°17'05	8♓23	19°43	2°29	11°13	0° 2	14°24	24°53	12°54	1°26	0°26	29°44	11°28	n.a.	T 6
F 7	18 49 26	11°14'30	20°20	21°38	3°42	11°52	29♉55	14°20	24°55	12°56	1°28	0°22	29°41	11°35	n.a.	F 7
S 8	18 53 23	12°11'57	2♈25	23°30	4°55	12°32	29°48	14°17	24°56	12°58	1°29	0°20	29°38	11°42	n.a.	S 8
S 9	18 57 19	13° 9'26	14°45	25°22	6° 9	13°11	29°41	14°13	24°58	13° 0	1°31	0°D20	29°34	11°48	n.a.	S 9
M10	19 1 16	14° 6'55	27°23	27°11	7°22	13°51	29°33	14°10	25° 0	13° 2	1°33	0°R20	29°31	11°55	n.a.	M10
T 11	19 5 12	15° 4'27	10♉25	28°59	8°35	14°30	29°26	14° 6	25° 2	13° 4	1°34	0°20	29°28	12° 2	n.a.	T 11
W12	19 9 9	16° 2'00	23°54	0♌46	9°49	15° 9	29°18	14° 3	25° 3	13° 6	1°36	0°18	29°25	12° 9	n.a.	W12
T 13	19 13 5	16°59'34	7♊52	2°31	11° 2	15°48	29°11	14° 0	25° 5	13° 8	1°37	0°14	29°22	12°15	n.a.	T 13
F 14	19 17 2	17°57'10	22°19	4°15	12°15	16°27	29° 3	13°56	25° 7	13°10	1°39	0° 7	29°19	12°22	n.a.	F 14
S 15	19 20 59	18°54'48	7♋10	5°57	13°28	17° 6	28°56	13°53	25° 9	13°12	1°41	29♈58	29°15	12°29	n.a.	S 15
S 16	19 24 55	19°52'27	22°18	7°37	14°42	17°45	28°48	13°50	25°11	13°14	1°42	29°47	29°12	12°35	n.a.	S 16
M17	19 28 52	20°50'07	7♌32	9°17	15°55	18°23	28°40	13°47	25°13	13°17	1°44	29°37	29° 9	12°42	n.a.	M17
T 18	19 32 48	21°47'48	22°41	10°54	17° 8	19° 2	28°33	13°44	25°16	13°19	1°45	29°27	29° 6	12°49	n.a.	T 18
W19	19 36 45	22°45'31	7♍36	12°30	18°21	19°40	28°25	13°41	25°18	13°21	1°47	29°19	29° 3	12°56	n.a.	W19
T 20	19 40 41	23°43'15	22° 9	14° 5	19°35	20°19	28°17	13°38	25°20	13°23	1°49	29°14	29° 0	13° 2	n.a.	T 20
F 21	19 44 38	24°41'00	6♎17	15°38	20°48	20°57	28° 9	13°35	25°22	13°25	1°50	29°12	28°56	13° 9	n.a.	F 21
S 22	19 48 34	25°38'46	20° 0	17°10	22° 1	21°35	28° 1	13°33	25°25	13°27	1°52	29°11	28°53	13°16	n.a.	S 22
S 23	19 52 31	26°36'33	3♏18	18°40	23°14	22°13	27°53	13°30	25°27	13°29	1°53	29°11	28°50	13°22	n.a.	S 23
M24	19 56 28	27°34'22	16°15	20° 9	24°27	22°51	27°46	13°27	25°29	13°31	1°55	29°10	28°47	13°29	n.a.	M24
T 25	20 0 24	28°32'12	28°55	21°36	25°40	23°28	27°38	13°25	25°32	13°34	1°56	29° 8	28°44	13°36	n.a.	T 25
W26	20 4 21	29°30'04	11♐21	23° 2	26°53	24° 6	27°30	13°22	25°34	13°36	1°58	29° 3	28°40	13°43	n.a.	W26
T 27	20 8 17	0♌27'57	23°36	24°26	28° 6	24°43	27°22	13°20	25°37	13°38	1°59	28°56	28°37	13°49	n.a.	T 27
F 28	20 12 14	1°25'51	5♉43	25°49	29°20	25°21	27°14	13°18	25°39	13°40	2° 1	28°46	28°34	13°56	n.a.	F 28
S 29	20 16 10	2°23'47	17°44	27°10	0♍33	25°58	27° 6	13°16	25°42	13°42	2° 2	28°33	28°31	14° 3	n.a.	S 29
S 30	20 20 7	3°21'45	29°41	28°30	1°46	26°35	26°59	13°14	25°45	13°45	2° 4	28°19	28°28	14° 9	n.a.	S 30
M31	20 24 3	4♌19'44	11♒35	29♌47	2♍59	27♉12	26♉51	13♐12	25♍47	13♎47	2♋ 5	28♈ 5	28♈25	14♒16	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n35	28s 3	4s39	25n 6	1n46	22n38	1n33	13n30	0s50	21s15	1s 1	21s54	0n55	2n45	0n42	17n56	0n48	26n12	2n30	12n 3	11n36	22s32		n.a.
S 2	23 33	26 58	4 57	24 57	1 48	22 23	1 33	13 43	0 50	21 16	1 2	21 54	0 55	2 44	0 42	17 55	0 48	26 12	2 31	11 59	11 35	22 30		n.a.
M 3	23 30	24 39	5 2	24 47	1 49	22 9	1 33	13 57	0 49	21 18	1 2	21 53	0 55	2 43	0 42	17 55	0 48	26 12	2 31	11 55	11 33	22 28		n.a.
T 4	23 26	21 17	4 53	24 33	1 49	21 53	1 33	14 10	0 49	21 20	1 2	21 53	0 55	2 43	0 42	17 54	0 48	26 12	2 31	11 51	11 32	22 26		n.a.
W 5	23 22	17 4	4 32	24 18	1 49	21 37	1 33	14 24	0 48	21 21	1 2	21 53	0 55	2 42	0 42	17 54	0 48	26 12	2 31	11 47	11 31	22 24		n.a.
T 6	23 18	12 12	3 59	24 1	1 48	21 20	1 34	14 37	0 47	21 23	1 2	21 53	0 55	2 42	0 42	17 53	0 48	26 12	2 31	11 45	11 30	22 22		n.a.
F 7	23 13	6 51	3 15	23 41	1 46	21 3	1 33	14 50	0 47	21 25	1 3	21 52	0 54	2 41	0 42	17 52	0 48	26 13	2 31	11 44	11 29	22 20		n.a.
S 8	23 8	1 12	2 22	23 20	1 44	20 45	1 33	15 2	0 46	21 26	1 3	21 52	0 54	2 40	0 42	17 52	0 48	26 13	2 31	11 43	11 28	22 18		n.a.
S 9	23 3	4n37	1 22	22 58	1 41	20 27	1 33	15 15	0 45	21 28	1 3	21 52	0 54	2 39	0 42	17 51	0 48	26 13	2 31	11 43	11 27	22 15		n.a.
M10	22 57	10 25	0 16	22 33	1 38	20 8	1 33	15 28	0 45	21 30	1 3	21 51	0 54	2 39	0 42	17 51	0 48	26 13	2 31	11 43	11 25	22 13		n.a.
T 11	22 50	15 57	0n53	22 8	1 35	19 48	1 33	15 40	0 44	21 32	1 3	21 51	0 54	2 38	0 42	17 50	0 48	26 13	2 31	11 43	11 24	22 11		n.a.
W12	22 44	20 55	2 1	21 41	1 31	19 28	1 32	15 52	0 43	21 33	1 4	21 51	0 54	2 37	0 42	17 50	0 48	26 13	2 31	11 42	11 23	22 9		n.a.
T 13	22 37	24 54	3 5	21 13	1 26	19 7	1 32	16 4	0 42	21 35	1 4	21 51	0 54	2 36	0 41	17 49	0 48	26 13	2 31	11 41	11 22	22 7		n.a.
F 14	22 29	27 26	3 58	20 43	1 21	18 46	1 31	16 16	0 42	21 37	1 4	21 50	0 54	2 35	0 41	17 48	0 48	26 13	2 31	11 38	11 21	22 5		n.a.
S 15	22 21	28 7	4 37	20 13	1 16	18 24	1 31	16 28	0 41	21 39	1 4	21 50	0 53	2 35	0 41	17 48	0 48	26 13	2 32	11 35	11 20	22 3		n.a.
S 16	22 13	26 44	4 58	19 42	1 11	18 2	1 30	16 40	0 40	21 40	1 4	21 50	0 53	2 34	0 41	17 47	0 48	26 13	2 32	11 31	11 19	22 0		n.a.
M17	22 4	23 23	4 58	19 10	1 5	17 39	1 29	16 52	0 39	21 42	1 4	21 50	0 53	2 33	0 41	17 47	0 48	26 13	2 32	11 27	11 18	21 58		n.a.
T 18	21 55	18 27	4 36	18 37	0 58	17 16	1 28	17 3	0 39	21 44	1 5	21 49	0 53	2 32	0 41	17 46	0 48	26 13	2 32	11 24	11 16	21 56		n.a.
W19	21 45	12 28	3 57	18 4	0 52	16 53	1 27	17 14	0 38	21 46	1 5	21 49	0 53	2 31	0 41	17 45	0 48	26 13	2 32	11 21	11 15	21 54		n.a.
T 20	21 36	5 56	3 2	17 30	0 45	16 28	1 26	17 25	0 37	21 47	1 5	21 49	0 53	2 30	0 41	17 45	0 48	26 13	2 32	11 19	11 14	21 52		n.a.
F 21	21 25	0s43	1 58	16 55	0 38	16 4	1 25	17 36	0 36	21 49	1 5	21 49	0 53	2 29	0 41	17 44	0 48	26 13	2 32	11 19	11 13	21 50		n.a.
S 22	21 15	7 9	0 48	16 20	0 30	15 39	1 24	17 47	0 36	21 51	1 5	21 49	0 52	2 28	0 41	17 44	0 48	26 13	2 32	11 18	11 12	21 47		n.a.
S 23	21 4	13 5	0s22	15 45	0 23	15 14	1 23	17 58	0 35	21 53	1 5	21 48	0 52	2 27	0 41	17 43	0 48	26 14	2 32	11 18	11 11	21 45		n.a.
M24	20 52	18 18	1 29	15 10	0 15	14 48	1 22	18 8	0 34	21 54	1 5	21 48	0 52	2 26	0 41	17 42	0 48	26 14	2 32	11 18	11 10	21 43		n.a.
T 25	20 41	22 34	2 30	14 34	0 7	14 22	1 20	18 19	0 33	21 56	1 6	21 48	0 52	2 25	0 41	17 42	0 48	26 14	2 32	11 17	11 8	21 41		n.a.
W26	20 29	25 44	3 23	13 58	0s 1	13 55	1 19	18 29	0 32	21 58	1 6	21 48	0 52	2 24	0 41	17 41	0 48	26 14	2 33	11 16	11 7	21 39		n.a.
T 27	20 16	27 38	4 5	13 22	0 10	13 28	1 17	18 39	0 32	21 59	1 6	21 48	0 52	2 23	0 41	17 40	0 48	26 14	2 33	11 13	11 6	21 36		n.a.
F 28	20 4	28 10	4 36	12 46	0 18	13 1	1 16	18 49	0 31	22 1	1 6	21 48	0 52	2 22	0 41	17 40	0 48	26 14	2 33	11 9	11 5	21 34		n.a.
S 29	19 50	27 22	4 54	12 10	0 27	12 33	1 14	18 58	0 30	22 3	1 6	21 47	0 51	2 21	0 41	17 39	0 48	26 14	2 33	11 5	11 4	21 32		n.a.
S 30	19 37	25 19	4 59	11 34	0 36	12 6	1 13	19 8	0 29	22 4	1 6	21 47	0 51	2 20	0 41	17 38	0 48	26 14	2 33	11 0	11 3	21 30		n.a.
M31	19n23	22s 9	4s51	10n58	0s45	11n37	1n11	19n17	0s28	22s 6	1s 6	21s47	0n51	2n19	0n41	17n38	0n48	26n14	2n33	10n55	11n 2	21s27		n.a.

Julian Day Number = 1705533.5, Delta T = 03h03m22s
Ecliptic obliquity = 23°42'08, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°39'49, Lahiri = - 4°32'49 Julian Calendar 1 July 44 BCE == Greg. Calendar 29 June 044 BCE

The year -43 astronomical counting style corresponds to year 044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 44 BCE
geocentric

AUGUST 44 BCE (-43) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 28 0	5♌17'45	23♒26	1♍ 3	4♍12	27♉49	26°R43	13°R10	25♍50	13♌49	2♋ 7	27°R52	28♈21	14♒23	n.a.	T 1
W 2	20 31 57	6°15'48	5♓18	2°18	5°24	28°26	26♉35	13♐ 8	25°53	13°51	2° 8	27♈41	28°18	14°30	n.a.	W 2
T 3	20 35 53	7°13'53	17°12	3°30	6°37	29° 2	26°28	13° 6	25°55	13°53	2° 9	27°33	28°15	14°36	n.a.	T 3
F 4	20 39 50	8°11'59	29°10	4°40	7°50	29°39	26°20	13° 5	25°58	13°56	2°11	27°27	28°12	14°43	n.a.	F 4
S 5	20 43 46	9°10'08	11♈17	5°49	9° 3	0♊15	26°13	13° 3	26° 1	13°58	2°12	27°24	28° 9	14°50	n.a.	S 5
S 6	20 47 43	10° 8'18	23°36	6°55	10°16	0°52	26° 5	13° 2	26° 4	14° 0	2°14	27°D23	28° 6	14°57	n.a.	S 6
M 7	20 51 39	11° 6'31	6♉11	7°59	11°29	1°28	25°58	13° 1	26° 7	14° 2	2°15	27°R23	28° 2	15° 3	n.a.	M 7
T 8	20 55 36	12° 4'46	19° 9	9° 1	12°42	2° 4	25°51	12°59	26°10	14° 4	2°16	27°23	27°59	15°10	n.a.	T 8
W 9	20 59 32	13° 3'03	2♊32	10° 0	13°54	2°39	25°43	12°58	26°13	14° 7	2°18	27°22	27°56	15°17	n.a.	W 9
T 10	21 3 29	14° 1'23	16°23	10°57	15° 7	3°15	25°36	12°57	26°16	14° 9	2°19	27°19	27°53	15°23	n.a.	T 10
F 11	21 7 26	14°59'45	0♋44	11°50	16°20	3°51	25°29	12°56	26°19	14°11	2°20	27°13	27°50	15°30	n.a.	F 11
S 12	21 11 22	15°58'08	15°31	12°41	17°33	4°26	25°22	12°55	26°22	14°13	2°22	27° 4	27°46	15°37	n.a.	S 12
S 13	21 15 19	16°56'34	0♌39	13°28	18°45	5° 1	25°15	12°55	26°25	14°16	2°23	26°55	27°43	15°44	n.a.	S 13
M14	21 19 15	17°55'02	15°57	14°12	19°58	5°37	25° 9	12°54	26°28	14°18	2°24	26°44	27°40	15°50	n.a.	M14
T 15	21 23 12	18°53'32	1♍15	14°52	21°11	6°11	25° 2	12°53	26°31	14°20	2°25	26°35	27°37	15°57	n.a.	T 15
W16	21 27 8	19°52'04	16°21	15°29	22°23	6°46	24°56	12°53	26°34	14°22	2°26	26°28	27°34	16° 4	n.a.	W16
T 17	21 31 5	20°50'37	1♎ 6	16° 1	23°36	7°21	24°49	12°52	26°38	14°25	2°28	26°23	27°31	16°10	n.a.	T 17
F 18	21 35 1	21°49'13	15°26	16°28	24°49	7°55	24°43	12°52	26°41	14°27	2°29	26°21	27°27	16°17	n.a.	F 18
S 19	21 38 58	22°47'50	29°16	16°50	26° 1	8°30	24°37	12°52	26°44	14°29	2°30	26°D20	27°24	16°24	n.a.	S 19
S 20	21 42 54	23°46'29	12♏39	17° 7	27°14	9° 4	24°31	12°D52	26°48	14°31	2°31	26°21	27°21	16°31	n.a.	S 20
M21	21 46 51	24°45'09	25°38	17°19	28°26	9°38	24°25	12°52	26°51	14°33	2°32	26°R21	27°18	16°37	n.a.	M21
T 22	21 50 48	25°43'52	8♐16	17°R24	29°39	10°12	24°20	12°52	26°54	14°36	2°33	26°20	27°15	16°44	n.a.	T 22
W23	21 54 44	26°42'36	20°37	17°23	0♎51	10°45	24°14	12°52	26°58	14°38	2°34	26°17	27°12	16°51	n.a.	W23
T 24	21 58 41	27°41'22	2♑46	17°15	2° 3	11°19	24° 9	12°53	27° 1	14°40	2°35	26°12	27° 8	16°57	n.a.	T 24
F 25	22 2 37	28°40'10	14°47	17° 0	3°16	11°52	24° 4	12°53	27° 4	14°42	2°37	26° 5	27° 5	17° 4	n.a.	F 25
S 26	22 6 34	29°39'00	26°42	16°38	4°28	12°25	23°58	12°53	27° 8	14°44	2°38	25°55	27° 2	17°11	n.a.	S 26
S 27	22 10 30	0♍37'52	8♒35	16° 8	5°40	12°58	23°54	12°54	27°11	14°47	2°39	25°45	26°59	17°18	n.a.	S 27
M28	22 14 27	1°36'46	20°27	15°32	6°53	13°31	23°49	12°55	27°15	14°49	2°40	25°34	26°56	17°24	n.a.	M28
T 29	22 18 23	2°35'42	2♓21	14°48	8° 5	14° 4	23°44	12°56	27°18	14°51	2°40	25°24	26°52	17°31	n.a.	T 29
W30	22 22 20	3°34'40	14°16	13°57	9°17	14°36	23°40	12°56	27°22	14°53	2°41	25°16	26°49	17°38	n.a.	W30
T 31	22 26 17	4♍33'40	26♓16	13♍ 1	10♎29	15♊ 8	23♑36	12♐57	27♍25	14♌55	2♋42	25♈ 9	26♈46	17♒44	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n 9	18s 6	4s31	10n23	0s54	11n 9	1n 9	19n27	0s27	22s 8	1s 6	21s47	0n51	2n18	0n41	17n37	0n48	26n14	2n33	10n50	11n 0	21s25		n.a.
W 2	18 55	13 21	3 58	9 47	1 3	10 40	1 7	19 36	0 27	22 9	1 6	21 47	0 51	2 17	0 41	17 37	0 48	26 14	2 33	10 46	10 59	21 23		n.a.
T 3	18 40	8 6	3 15	9 12	1 13	10 11	1 5	19 45	0 26	22 11	1 7	21 47	0 51	2 16	0 41	17 36	0 48	26 14	2 33	10 43	10 58	21 21		n.a.
F 4	18 25	2 31	2 23	8 38	1 22	9 42	1 3	19 54	0 25	22 12	1 7	21 47	0 50	2 14	0 41	17 35	0 48	26 14	2 33	10 41	10 57	21 18		n.a.
S 5	18 10	3n13	1 24	8 4	1 31	9 12	1 1	20 2	0 24	22 14	1 7	21 47	0 50	2 13	0 41	17 35	0 48	26 15	2 34	10 40	10 56	21 16		n.a.
S 6	17 54	8 57	0 20	7 31	1 41	8 42	0 59	20 11	0 23	22 15	1 7	21 47	0 50	2 12	0 41	17 34	0 48	26 15	2 34	10 39	10 55	21 14		n.a.
M 7	17 38	14 28	0n46	6 58	1 50	8 12	0 57	20 19	0 22	22 17	1 7	21 47	0 50	2 11	0 41	17 33	0 48	26 15	2 34	10 39	10 54	21 11		n.a.
T 8	17 22	19 30	1 53	6 26	1 59	7 42	0 54	20 27	0 21	22 18	1 7	21 47	0 50	2 10	0 41	17 33	0 48	26 15	2 34	10 39	10 52	21 9		n.a.
W 9	17 5	23 45	2 55	5 55	2 8	7 12	0 52	20 35	0 20	22 20	1 7	21 47	0 50	2 8	0 41	17 32	0 48	26 15	2 34	10 39	10 51	21 7		n.a.
T 10	16 48	26 47	3 49	5 25	2 18	6 41	0 50	20 43	0 19	22 21	1 7	21 47	0 50	2 7	0 41	17 31	0 48	26 15	2 34	10 38	10 50	21 5		n.a.
F 11	16 31	28 13	4 31	4 56	2 27	6 10	0 47	20 51	0 18	22 22	1 7	21 47	0 49	2 6	0 41	17 31	0 48	26 15	2 34	10 35	10 49	21 2		n.a.
S 12	16 13	27 41	4 56	4 29	2 36	5 39	0 45	20 59	0 17	22 24	1 7	21 47	0 49	2 5	0 40	17 30	0 48	26 15	2 34	10 32	10 48	21 0		n.a.
S 13	15 56	25 8	5 1	4 2	2 44	5 8	0 42	21 6	0 16	22 25	1 7	21 47	0 49	2 3	0 40	17 30	0 48	26 15	2 34	10 29	10 47	20 58		n.a.
M14	15 38	20 46	4 45	3 37	2 53	4 37	0 39	21 13	0 15	22 26	1 7	21 47	0 49	2 2	0 40	17 29	0 48	26 15	2 35	10 25	10 45	20 55		n.a.
T 15	15 20	15 1	4 9	3 14	3 1	4 6	0 37	21 21	0 14	22 27	1 7	21 47	0 49	2 1	0 40	17 28	0 48	26 15	2 35	10 22	10 44	20 53		n.a.
W16	15 1	8 26	3 16	2 53	3 9	3 34	0 34	21 27	0 13	22 29	1 7	21 47	0 49	2 0	0 40	17 28	0 48	26 16	2 35	10 19	10 43	20 51		n.a.
T 17	14 42	1 32	2 10	2 33	3 17	3 3	0 31	21 34	0 12	22 30	1 7	21 47	0 48	1 58	0 40	17 27	0 48	26 16	2 35	10 17	10 42	20 48		n.a.
F 18	14 23	5s15	0 58	2 16	3 24	2 31	0 28	21 41	0 11	22 31	1 7	21 48	0 48	1 57	0 40	17 26	0 48	26 16	2 35	10 17	10 41	20 46		n.a.
S 19	14 4	11 35	0s16	2 1	3 31	1 59	0 26	21 48	0 10	22 32	1 7	21 48	0 48	1 56	0 40	17 26	0 48	26 16	2 35	10 16	10 40	20 44		n.a.
S 20	13 45	17 10	1 26	1 49	3 37	1 28	0 23	21 54	0 9	22 33	1 7	21 48	0 48	1 54	0 40	17 25	0 48	26 16	2 35	10 17	10 39	20 41		n.a.
M21	13 25	21 48	2 30	1 39	3 42	0 56	0 20	22 0	0 8	22 34	1 7	21 48	0 48	1 53	0 40	17 24	0 48	26 16	2 35	10 17	10 37	20 39		n.a.
T 22	13 5	25 17	3 24	1 33	3 47	0 24	0 17	22 6	0 7	22 35	1 7	21 48	0 48	1 52	0 40	17 24	0 48	26 16	2 35	10 16	10 36	20 37		n.a.
W23	12 45	27 29	4 8	1 30	3 51	0s 8	0 14	22 12	0 6	22 36	1 7	21 48	0 47	1 50	0 40	17 23	0 48	26 16	2 36	10 15	10 35	20 34		n.a.
T 24	12 24	28 20	4 40	1 31	3 53	0 40	0 10	22 18	0 5	22 37	1 7	21 49	0 47	1 49	0 40	17 22	0 48	26 16	2 36	10 13	10 34	20 32		n.a.
F 25	12 4	27 49	4 59	1 35	3 55	1 12	0 7	22 24	0 4	22 38	1 7	21 49	0 47	1 47	0 40	17 22	0 48	26 16	2 36	10 11	10 33	20 29		n.a.
S 26	11 43	26 1	5 4	1 44	3 55	1 44	0 4	22 29	0 3	22 39	1 7	21 49	0 47	1 46	0 40	17 21	0 48	26 17	2 36	10 7	10 32	20 27		n.a.
S 27	11 22	23 5	4 57	1 57	3 54	2 16	0 1	22 34	0 2	22 40	1 7	21 49	0 47	1 45	0 40	17 21	0 48	26 17	2 36	10 3	10 30	20 25		n.a.
M28	11 1	19 11	4 37	2 14	3 51	2 48	0s 2	22 40	0 1	22 41	1 7	21 49	0 47	1 43	0 40	17 20	0 48	26 17	2 36	9 59	10 29	20 22		n.a.
T 29	10 40	14 33	4 4	2 35	3 46	3 19	0 5	22 45	0n 0	22 41	1 7	21 50	0 47	1 42	0 40	17 19	0 48	26 17	2 36	9 56	10 28	20 20		n.a.
W30	10 18	9 20	3 21	3 1	3 39	3 51	0 9	22 50	0 2	22 42	1 7	21 50	0 46	1 40	0 40	17 19	0 48	26 17	2 36	9 53	10 27	20 17		n.a.
T 31	9n57	3s46	2s29	3n30	3s31	4s23	0s12	22n55	0n 3	22s43	1s 7	21s50	0n46	1n39	0n40	17n18	0n48	26n17	2n37	9n50	10n26	20s15		n.a.

Julian Day Number = 1705564.5, Delta T = 03h03m21s
Ecliptic obliquity = 23°42'09, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°39'45, Lahiri = - 4°32'45 Julian Calendar 1 Aug. 44 BCE == Greg. Calendar 30 July 044 BCE

The year -43 astronomical counting style corresponds to year 044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 44 BCE
geocentric

SEPTEMBER 44 BCE (-43) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 30 13	5♍32'42	8♈22	11°R59	11♎41	15♊40	23°R32	12♐59	27♍29	14♑57	2♋43	25°R 6	26♈43	17♒51	n.a.	F 1
S 2	22 34 10	6°31'47	20°36	10♍53	12°53	16°12	23♏28	13° 0	27°33	14°59	2°44	25°D 4	26°40	17°58	n.a.	S 2
S 3	22 38 6	7°30'54	3♉ 1	9°45	14° 5	16°44	23°24	13° 1	27°36	15° 1	2°45	25♈ 4	26°37	18° 5	n.a.	S 3
M 4	22 42 3	8°30'03	15°41	8°36	15°17	17°15	23°21	13° 2	27°40	15° 4	2°46	25° 5	26°33	18°11	n.a.	M 4
T 5	22 45 59	9°29'15	28°39	7°28	16°29	17°46	23°17	13° 4	27°43	15° 6	2°47	25° 7	26°30	18°18	n.a.	T 5
W 6	22 49 56	10°28'29	11♊58	6°23	17°41	18°17	23°14	13° 6	27°47	15° 8	2°47	25°R 7	26°27	18°25	n.a.	W 6
T 7	22 53 52	11°27'46	25°41	5°22	18°53	18°48	23°11	13° 7	27°51	15°10	2°48	25° 6	26°24	18°31	n.a.	T 7
F 8	22 57 49	12°27'05	9♋49	4°28	20° 5	19°19	23° 9	13° 9	27°54	15°12	2°49	25° 3	26°21	18°38	n.a.	F 8
S 9	23 1 46	13°26'26	24°21	3°41	21°17	19°49	23° 6	13°11	27°58	15°14	2°50	24°59	26°17	18°45	n.a.	S 9
S 10	23 5 42	14°25'50	9♌13	3° 4	22°28	20°19	23° 4	13°13	28° 2	15°16	2°50	24°53	26°14	18°52	n.a.	S 10
M11	23 9 39	15°25'17	24°19	2°36	23°40	20°49	23° 1	13°15	28° 5	15°18	2°51	24°47	26°11	18°58	n.a.	M11
T 12	23 13 35	16°24'45	9♍27	2°20	24°52	21°19	22°59	13°17	28° 9	15°20	2°52	24°41	26° 8	19° 5	n.a.	T 12
W13	23 17 32	17°24'16	24°30	2°D14	26° 3	21°48	22°58	13°19	28°13	15°22	2°52	24°37	26° 5	19°12	n.a.	W13
T 14	23 21 28	18°23'48	9♎17	2°19	27°15	22°17	22°56	13°22	28°17	15°24	2°53	24°34	26° 2	19°18	n.a.	T 14
F 15	23 25 25	19°23'23	23°42	2°34	28°27	22°46	22°55	13°24	28°20	15°26	2°53	24°D33	25°58	19°25	n.a.	F 15
S 16	23 29 21	20°22'59	7♏40	3° 0	29°38	23°15	22°54	13°27	28°24	15°28	2°54	24°34	25°55	19°32	n.a.	S 16
S 17	23 33 18	21°22'38	21°11	3°36	0♏50	23°43	22°53	13°29	28°28	15°29	2°54	24°35	25°52	19°39	n.a.	S 17
M18	23 37 14	22°22'18	4♐16	4°20	2° 1	24°11	22°52	13°32	28°32	15°31	2°55	24°37	25°49	19°45	n.a.	M18
T 19	23 41 11	23°22'01	16°58	5°12	3°12	24°39	22°51	13°35	28°35	15°33	2°55	24°38	25°46	19°52	n.a.	T 19
W20	23 45 8	24°21'45	29°21	6°12	4°23	25° 7	22°51	13°38	28°39	15°35	2°56	24°R38	25°43	19°59	n.a.	W20
T 21	23 49 4	25°21'31	11♑30	7°18	5°35	25°34	22°D51	13°41	28°43	15°37	2°56	24°37	25°39	20° 5	n.a.	T 21
F 22	23 53 1	26°21'19	23°29	8°30	6°46	26° 1	22°51	13°44	28°47	15°39	2°57	24°34	25°36	20°12	n.a.	F 22
S 23	23 56 57	27°21'08	5♒22	9°47	7°57	26°28	22°51	13°47	28°50	15°40	2°57	24°31	25°33	20°19	n.a.	S 23
S 24	0 0 54	28°20'59	17°14	11° 8	9° 8	26°54	22°52	13°50	28°54	15°42	2°57	24°26	25°30	20°26	n.a.	S 24
M25	0 4 50	29°20'53	29° 6	12°33	10°19	27°20	22°52	13°53	28°58	15°44	2°58	24°22	25°27	20°32	n.a.	M25
T 26	0 8 47	0♎20'48	11♓ 3	14° 1	11°30	27°46	22°53	13°57	29° 2	15°46	2°58	24°17	25°23	20°39	n.a.	T 26
W27	0 12 43	1°20'44	23° 6	15°31	12°41	28°11	22°54	14° 0	29° 6	15°47	2°58	24°14	25°20	20°46	n.a.	W27
T 28	0 16 40	2°20'43	5♈16	17° 4	13°51	28°36	22°55	14° 4	29° 9	15°49	2°58	24°12	25°17	20°52	n.a.	T 28
F 29	0 20 37	3°20'44	17°35	18°38	15° 2	29° 1	22°57	14° 8	29°13	15°51	2°59	24°10	25°14	20°59	n.a.	F 29
S 30	0 24 33	4♎20'47	0♉ 4	20♍13	16♏13	29♊26	22♑59	14♐11	29♍17	15♑52	2♋59	24°D10	25♈11	21♒ 6	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9n35	2n 0	1s29	4n 4	3s20	4s54	0s15	22n59	0n 4	22s43	1s 7	21s51	0n46	1n37	0n40	17n18	0n48	26n17	2n37	9n49	10n25	20s13		n.a.
S 2	9 13	7 46	0 24	4 41	3 8	5 26	0 19	23 4	0 5	22 44	1 7	21 51	0 46	1 36	0 40	17 17	0 48	26 17	2 37	9 48	10 24	20 10		n.a.
S 3	8 51	13 20	0n43	5 20	2 53	5 57	0 22	23 8	0 6	22 45	1 7	21 51	0 46	1 34	0 40	17 16	0 48	26 17	2 37	9 48	10 22	20 8		n.a.
M 4	8 28	18 27	1 49	6 1	2 37	6 29	0 26	23 13	0 8	22 45	1 7	21 52	0 46	1 33	0 40	17 16	0 48	26 17	2 37	9 49	10 21	20 5		n.a.
T 5	8 6	22 52	2 51	6 43	2 19	7 0	0 29	23 17	0 9	22 46	1 7	21 52	0 45	1 32	0 40	17 15	0 48	26 18	2 37	9 49	10 20	20 3		n.a.
W 6	7 43	26 12	3 46	7 24	2 1	7 31	0 32	23 21	0 10	22 46	1 6	21 52	0 45	1 30	0 40	17 15	0 48	26 18	2 37	9 49	10 19	20 0		n.a.
T 7	7 21	28 8	4 30	8 5	1 41	8 2	0 36	23 25	0 11	22 47	1 6	21 53	0 45	1 29	0 40	17 14	0 48	26 18	2 38	9 49	10 18	19 58		n.a.
F 8	6 58	28 18	4 59	8 44	1 21	8 32	0 39	23 28	0 12	22 47	1 6	21 53	0 45	1 27	0 40	17 13	0 48	26 18	2 38	9 48	10 17	19 55		n.a.
S 9	6 35	26 33	5 9	9 20	1 0	9 3	0 43	23 32	0 14	22 47	1 6	21 53	0 45	1 26	0 40	17 13	0 48	26 18	2 38	9 46	10 15	19 53		n.a.
S 10	6 12	22 57	5 0	9 52	0 40	9 33	0 46	23 36	0 15	22 48	1 6	21 54	0 45	1 24	0 40	17 12	0 48	26 18	2 38	9 44	10 14	19 50		n.a.
M11	5 48	17 48	4 30	10 20	0 21	10 3	0 50	23 39	0 16	22 48	1 6	21 54	0 45	1 23	0 40	17 12	0 48	26 18	2 38	9 42	10 13	19 48		n.a.
T 12	5 25	11 30	3 40	10 44	0 2	10 33	0 53	23 42	0 18	22 48	1 6	21 55	0 44	1 21	0 40	17 11	0 48	26 18	2 38	9 40	10 12	19 45		n.a.
W13	5 2	4 36	2 36	11 2	0n16	11 3	0 57	23 46	0 19	22 48	1 6	21 55	0 44	1 20	0 40	17 10	0 48	26 19	2 38	9 38	10 11	19 43		n.a.
T 14	4 38	2s28	1 22	11 16	0 32	11 32	1 0	23 49	0 20	22 49	1 6	21 55	0 44	1 18	0 40	17 10	0 48	26 19	2 38	9 37	10 10	19 41		n.a.
F 15	4 15	9 14	0 5	11 24	0 47	12 2	1 4	23 52	0 22	22 49	1 6	21 56	0 44	1 17	0 40	17 9	0 48	26 19	2 39	9 37	10 8	19 38		n.a.
S 16	3 51	15 20	1s11	11 27	1 1	12 31	1 7	23 55	0 23	22 49	1 6	21 56	0 44	1 15	0 40	17 9	0 48	26 19	2 39	9 37	10 7	19 36		n.a.
S 17	3 27	20 30	2 20	11 26	1 13	12 59	1 10	23 58	0 24	22 49	1 6	21 57	0 44	1 14	0 40	17 8	0 48	26 19	2 39	9 38	10 6	19 33		n.a.
M18	3 4	24 30	3 20	11 19	1 24	13 28	1 14	24 0	0 26	22 49	1 6	21 57	0 44	1 12	0 40	17 8	0 48	26 19	2 39	9 38	10 5	19 30		n.a.
T 19	2 40	27 10	4 8	11 9	1 33	13 56	1 17	24 3	0 27	22 49	1 5	21 58	0 43	1 11	0 40	17 7	0 48	26 19	2 39	9 39	10 4	19 28		n.a.
W20	2 16	28 25	4 43	10 54	1 41	14 23	1 21	24 5	0 29	22 49	1 5	21 58	0 43	1 9	0 40	17 7	0 48	26 19	2 39	9 39	10 3	19 25		n.a.
T 21	1 52	28 16	5 5	10 35	1 47	14 51	1 24	24 8	0 30	22 49	1 5	21 59	0 43	1 7	0 40	17 6	0 48	26 20	2 39	9 38	10 1	19 23		n.a.
F 22	1 28	26 46	5 13	10 12	1 53	15 18	1 28	24 10	0 32	22 49	1 5	21 59	0 43	1 6	0 40	17 6	0 49	26 20	2 40	9 37	10 0	19 20		n.a.
S 23	1 4	24 6	5 7	9 47	1 57	15 45	1 31	24 12	0 33	22 49	1 5	22 0	0 43	1 4	0 40	17 5	0 49	26 20	2 40	9 36	9 59	19 18		n.a.
S 24	0 40	20 25	4 49	9 19	2 0	16 11	1 34	24 15	0 35	22 48	1 5	22 0	0 43	1 3	0 40	17 5	0 49	26 20	2 40	9 34	9 58	19 15		n.a.
M25	0 16	15 55	4 18	8 48	2 2	16 37	1 37	24 17	0 36	22 48	1 5	22 1	0 43	1 1	0 40	17 4	0 49	26 20	2 40	9 33	9 57	19 13		n.a.
T 26	0s 8	10 49	3 35	8 14	2 3	17 2	1 41	24 19	0 38	22 48	1 5	22 1	0 42	1 0	0 40	17 4	0 49	26 20	2 40	9 31	9 56	19 10		n.a.
W27	0 32	5 15	2 43	7 39	2 3	17 28	1 44	24 21	0 39	22 48	1 5	22 2	0 42	0 58	0 40	17 3	0 49	26 20	2 40	9 30	9 54	19 8		n.a.
T 28	0 57	0n33	1 42	7 2	2 2	17 52	1 47	24 23	0 41	22 47	1 5	22 3	0 42	0 57	0 40	17 3	0 49	26 20	2 40	9 29	9 53	19 5		n.a.
F 29	1 21	6 25	0 36	6 24	2 1	18 17	1 50	24 24	0 42	22 47	1 4	22 3	0 42	0 55	0 40	17 2	0 49	26 21	2 40	9 29	9 52	19 2		n.a.
S 30	1s45	12n 8	0n32	5n44	1n59	18s41	1s53	24n26	0n44	22s47	1s 4	22s 4	0n42	0n54	0n40	17n 2	0n49	26n21	2n41	9n29	9n51	19s 0		n.a.

Julian Day Number = 1705595.5, Delta T = 03h03m21s
Ecliptic obliquity = 23°42'10, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°39'41, Lahiri = - 4°32'41 Julian Calendar 1 Sept. 44 BCE == Greg. Calendar 30 Aug. 044 BCE

The year -43 astronomical counting style corresponds to year 044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 44 BCE
geocentric

OCTOBER 44 BCE (-43) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 28 30	5♎20'52	12♉45	21♍50	17♏23	29♊50	23♑ 0	14♐15	29♍21	15♌54	2♋59	24♈11	25♈ 8	21♒12	n.a.	S 1
M 2	0 32 26	6°20'59	25°39	23°27	18°34	0♋14	23° 2	14°19	29°24	15°55	2°59	24°13	25° 4	21°19	n.a.	M 2
T 3	0 36 23	7°21'09	8♊47	25° 5	19°44	0°37	23° 5	14°23	29°28	15°57	2°59	24°14	25° 1	21°26	n.a.	T 3
W 4	0 40 19	8°21'20	22°11	26°43	20°54	1° 0	23° 7	14°27	29°32	15°59	2°59	24°15	24°58	21°33	n.a.	W 4
T 5	0 44 16	9°21'34	5♋53	28°22	22° 4	1°23	23°10	14°31	29°36	16° 0	2°59	24°R16	24°55	21°39	n.a.	T 5
F 6	0 48 12	10°21'50	19°51	0♎ 1	23°15	1°45	23°13	14°36	29°39	16° 2	2°59	24°15	24°52	21°46	n.a.	F 6
S 7	0 52 9	11°22'09	4♌ 7	1°39	24°25	2° 7	23°16	14°40	29°43	16° 3	2°R59	24°15	24°49	21°53	n.a.	S 7
S 8	0 56 6	12°22'29	18°37	3°18	25°35	2°29	23°19	14°44	29°47	16° 4	2°59	24°13	24°45	21°59	n.a.	S 8
M 9	1 0 2	13°22'51	3♍18	4°57	26°45	2°50	23°22	14°49	29°51	16° 6	2°59	24°12	24°42	22° 6	n.a.	M 9
T 10	1 3 59	14°23'15	18° 3	6°35	27°54	3°11	23°26	14°53	29°54	16° 7	2°59	24°11	24°39	22°13	n.a.	T 10
W11	1 7 55	15°23'42	2♎45	8°13	29° 4	3°31	23°30	14°58	29°58	16° 8	2°59	24°10	24°36	22°20	n.a.	W11
T 12	1 11 52	16°24'10	17°18	9°51	0♐14	3°51	23°34	15° 3	0♎ 2	16°10	2°59	24°D 9	24°33	22°26	n.a.	T 12
F 13	1 15 48	17°24'39	1♏35	11°29	1°23	4°10	23°38	15° 7	0° 5	16°11	2°59	24° 9	24°29	22°33	n.a.	F 13
S 14	1 19 45	18°25'11	15°32	13° 7	2°32	4°29	23°42	15°12	0° 9	16°12	2°59	24°10	24°26	22°40	n.a.	S 14
S 15	1 23 41	19°25'44	29° 5	14°44	3°42	4°47	23°47	15°17	0°13	16°14	2°58	24°10	24°23	22°46	n.a.	S 15
M16	1 27 38	20°26'18	12♐15	16°21	4°51	5° 5	23°52	15°22	0°16	16°15	2°58	24°11	24°20	22°53	n.a.	M16
T 17	1 31 35	21°26'54	25° 2	17°58	6° 0	5°23	23°56	15°27	0°20	16°16	2°58	24°11	24°17	23° 0	n.a.	T 17
W18	1 35 31	22°27'31	7♑29	19°34	7° 9	5°40	24° 2	15°32	0°23	16°17	2°58	24°11	24°14	23° 7	n.a.	W18
T 19	1 39 28	23°28'10	19°40	21°10	8°18	5°56	24° 7	15°37	0°27	16°18	2°57	24°11	24°10	23°13	n.a.	T 19
F 20	1 43 24	24°28'50	1♒41	22°46	9°26	6°12	24°12	15°43	0°31	16°19	2°57	24°11	24° 7	23°20	n.a.	F 20
S 21	1 47 21	25°29'31	13°34	24°22	10°35	6°28	24°18	15°48	0°34	16°20	2°57	24°11	24° 4	23°27	n.a.	S 21
S 22	1 51 17	26°30'13	25°25	25°57	11°43	6°43	24°24	15°53	0°38	16°21	2°56	24°12	24° 1	23°33	n.a.	S 22
M23	1 55 14	27°30'57	7♓19	27°32	12°52	6°57	24°30	15°59	0°41	16°22	2°56	24°12	23°58	23°40	n.a.	M23
T 24	1 59 10	28°31'42	19°19	29° 7	14° 0	7°11	24°36	16° 4	0°45	16°23	2°55	24°12	23°54	23°47	n.a.	T 24
W25	2 3 7	29°32'28	1♈28	0♏42	15° 8	7°24	24°42	16°10	0°48	16°24	2°55	24°13	23°51	23°53	n.a.	W25
T 26	2 7 4	0♏33'15	13°49	2°16	16°15	7°37	24°49	16°15	0°51	16°25	2°54	24°13	23°48	24° 0	n.a.	T 26
F 27	2 11 0	1°34'03	26°23	3°51	17°23	7°49	24°55	16°21	0°55	16°26	2°54	24°R13	23°45	24° 7	n.a.	F 27
S 28	2 14 57	2°34'53	9♉12	5°25	18°30	8° 1	25° 2	16°27	0°58	16°27	2°53	24°13	23°42	24°14	n.a.	S 28
S 29	2 18 53	3°35'45	22°16	6°59	19°38	8°12	25° 9	16°32	1° 1	16°28	2°53	24°12	23°39	24°20	n.a.	S 29
M30	2 22 50	4°36'37	5♊34	8°33	20°45	8°22	25°16	16°38	1° 5	16°28	2°52	24°11	23°35	24°27	n.a.	M30
T 31	2 26 46	5♏37'31	19♊ 4	10♏ 7	21♐52	8♋31	25♑23	16♐44	1♎ 8	16♌29	2♋52	24♈10	23♈32	24♒34	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s 9	17n26	1n41	5n 3	1n57	19s 4	1s56	24n28	0n46	22s46	1s 4	22s 4	0n42	0n52	0n40	17n 1	0n49	26n21	2n41	9n29	9n50	18s57		n.a.
M 2	2 33	22 3	2 45	4 22	1 53	19 27	1 59	24 30	0 47	22 46	1 4	22 5	0 42	0 51	0 40	17 1	0 49	26 21	2 41	9 29	9 49	18 55		n.a.
T 3	2 57	25 40	3 42	3 39	1 50	19 49	2 2	24 31	0 49	22 45	1 4	22 6	0 41	0 49	0 40	17 0	0 49	26 21	2 41	9 30	9 47	18 52		n.a.
W 4	3 21	27 56	4 28	2 56	1 46	20 11	2 5	24 33	0 51	22 45	1 4	22 6	0 41	0 48	0 40	17 0	0 49	26 21	2 41	9 30	9 46	18 50		n.a.
T 5	3 45	28 34	5 0	2 12	1 42	20 33	2 8	24 34	0 52	22 44	1 4	22 7	0 41	0 46	0 40	17 0	0 49	26 21	2 41	9 30	9 45	18 47		n.a.
F 6	4 9	27 25	5 15	1 28	1 37	20 54	2 11	24 36	0 54	22 44	1 4	22 7	0 41	0 45	0 40	16 59	0 49	26 22	2 41	9 30	9 44	18 44		n.a.
S 7	4 33	24 29	5 12	0 44	1 32	21 14	2 14	24 37	0 56	22 43	1 4	22 8	0 41	0 43	0 40	16 59	0 49	26 22	2 42	9 30	9 43	18 42		n.a.
S 8	4 57	19 58	4 48	0s 0	1 27	21 34	2 16	24 38	0 58	22 42	1 3	22 9	0 41	0 42	0 40	16 58	0 49	26 22	2 42	9 30	9 41	18 39		n.a.
M 9	5 20	14 13	4 6	0 45	1 21	21 54	2 19	24 40	1 0	22 42	1 3	22 9	0 41	0 40	0 40	16 58	0 49	26 22	2 42	9 29	9 40	18 37		n.a.
T 10	5 44	7 38	3 7	1 29	1 15	22 12	2 21	24 41	1 1	22 41	1 3	22 10	0 40	0 39	0 40	16 58	0 49	26 22	2 42	9 29	9 39	18 34		n.a.
W11	6 8	0 40	1 56	2 14	1 9	22 31	2 24	24 43	1 3	22 40	1 3	22 11	0 40	0 37	0 40	16 57	0 49	26 22	2 42	9 28	9 38	18 31		n.a.
T 12	6 31	6s17	0 38	2 59	1 3	22 48	2 26	24 44	1 5	22 39	1 3	22 11	0 40	0 36	0 40	16 57	0 49	26 22	2 42	9 28	9 37	18 29		n.a.
F 13	6 55	12 48	0s41	3 43	0 57	23 5	2 29	24 45	1 7	22 39	1 3	22 12	0 40	0 34	0 40	16 56	0 49	26 23	2 42	9 28	9 36	18 26		n.a.
S 14	7 18	18 31	1 56	4 27	0 51	23 22	2 31	24 46	1 9	22 38	1 3	22 13	0 40	0 33	0 40	16 56	0 49	26 23	2 43	9 28	9 34	18 23		n.a.
S 15	7 41	23 8	3 2	5 11	0 45	23 38	2 33	24 48	1 11	22 37	1 3	22 13	0 40	0 31	0 40	16 56	0 49	26 23	2 43	9 28	9 33	18 21		n.a.
M16	8 4	26 25	3 56	5 55	0 38	23 53	2 35	24 49	1 13	22 36	1 3	22 14	0 40	0 30	0 40	16 55	0 49	26 23	2 43	9 29	9 32	18 18		n.a.
T 17	8 27	28 13	4 37	6 38	0 32	24 7	2 37	24 50	1 15	22 35	1 2	22 15	0 40	0 29	0 40	16 55	0 49	26 23	2 43	9 29	9 31	18 15		n.a.
W18	8 50	28 33	5 4	7 21	0 25	24 21	2 39	24 52	1 17	22 34	1 2	22 15	0 39	0 27	0 40	16 55	0 49	26 23	2 43	9 29	9 30	18 13		n.a.
T 19	9 13	27 27	5 16	8 4	0 18	24 35	2 41	24 53	1 19	22 33	1 2	22 16	0 39	0 26	0 40	16 55	0 49	26 23	2 43	9 29	9 28	18 10		n.a.
F 20	9 35	25 7	5 15	8 46	0 12	24 47	2 43	24 54	1 21	22 32	1 2	22 17	0 39	0 24	0 40	16 54	0 49	26 24	2 43	9 29	9 27	18 7		n.a.
S 21	9 58	21 42	4 59	9 28	0 5	24 59	2 44	24 55	1 23	22 31	1 2	22 17	0 39	0 23	0 40	16 54	0 49	26 24	2 44	9 29	9 26	18 5		n.a.
S 22	10 20	17 26	4 31	10 9	0s 1	25 11	2 46	24 57	1 25	22 29	1 2	22 18	0 39	0 21	0 40	16 54	0 50	26 24	2 44	9 29	9 25	18 2		n.a.
M23	10 42	12 30	3 52	10 50	0 8	25 21	2 47	24 58	1 27	22 28	1 2	22 19	0 39	0 20	0 40	16 53	0 50	26 24	2 44	9 29	9 24	17 59		n.a.
T 24	11 4	7 3	3 2	11 30	0 14	25 31	2 49	25 0	1 29	22 27	1 2	22 19	0 39	0 19	0 40	16 53	0 50	26 24	2 44	9 29	9 23	17 57		n.a.
W25	11 26	1 17	2 3	12 10	0 21	25 40	2 50	25 1	1 32	22 26	1 2	22 20	0 39	0 17	0 40	16 53	0 50	26 24	2 44	9 29	9 21	17 54		n.a.
T 26	11 48	4n38	0 57	12 49	0 27	25 49	2 51	25 3	1 34	22 25	1 2	22 21	0 38	0 16	0 40	16 53	0 50	26 24	2 44	9 30	9 20	17 51		n.a.
F 27	12 9	10 29	0n12	13 28	0 34	25 57	2 52	25 4	1 36	22 23	1 1	22 21	0 38	0 15	0 40	16 52	0 50	26 25	2 44	9 30	9 19	17 49		n.a.
S 28	12 30	16 1	1 22	14 6	0 40	26 4	2 53	25 6	1 38	22 22	1 1	22 22	0 38	0 13	0 40	16 52	0 50	26 25	2 44	9 29	9 18	17 46		n.a.
S 29	12 51	20 56	2 29	14 43	0 46	26 10	2 53	25 7	1 41	22 20	1 1	22 23	0 38	0 12	0 40	16 52	0 50	26 25	2 45	9 29	9 17	17 43		n.a.
M30	13 12	24 54	3 29	15 20	0 52	26 16	2 54	25 9	1 43	22 19	1 1	22 24	0 38	0 11	0 40	16 52	0 50	26 25	2 45	9 29	9 15	17 40		n.a.
T 31	13s32	27n33	4n19	15s56	0s58	26s21	2s55	25n11	1n45	22s18	1s 1	22s24	0n38	0n 9	0n40	16n52	0n50	26n25	2n45	9n28	9n14	17s38		n.a.

Julian Day Number = 1705625.5, Delta T = 03h03m20s
Ecliptic obliquity = 23°42'10, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°39'37, Lahiri = - 4°32'36 Julian Calendar 1 Oct. 44 BCE == Greg. Calendar 29 Sept. 044 BCE

The year -43 astronomical counting style corresponds to year 044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 44 BCE
geocentric

NOVEMBER 44 BCE (-43) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 30 43	6♏38'27	2♋47	11♏41	22♐58	8♋40	25♑31	16♐50	1♎11	16♏30	2°R51	24°R 8	23♈29	24♒40	n.a.	W 1
T 2	2 34 39	7°39'24	16°39	13°15	24° 5	8°49	25°38	16°56	1°15	16°31	2♋50	24♈ 7	23°26	24°47	n.a.	T 2
F 3	2 38 36	8°40'22	0♏40	14°48	25°11	8°56	25°46	17° 2	1°18	16°31	2°50	24° 6	23°23	24°54	n.a.	F 3
S 4	2 42 33	9°41'22	14°48	16°22	26°17	9° 3	25°54	17° 8	1°21	16°32	2°49	24°D 6	23°20	25° 1	n.a.	S 4
S 5	2 46 29	10°42'23	29° 1	17°56	27°23	9°10	26° 2	17°14	1°24	16°32	2°48	24° 6	23°16	25° 7	n.a.	S 5
M 6	2 50 26	11°43'25	13♍17	19°29	28°29	9°15	26°10	17°20	1°27	16°33	2°48	24° 8	23°13	25°14	n.a.	M 6
T 7	2 54 22	12°44'29	27°33	21° 3	29°34	9°20	26°19	17°27	1°30	16°33	2°47	24° 9	23°10	25°21	n.a.	T 7
W 8	2 58 19	13°45'33	11♎46	22°36	0♑39	9°24	26°27	17°33	1°33	16°34	2°46	24°10	23° 7	25°27	n.a.	W 8
T 9	3 2 15	14°46'39	25°53	24°10	1°44	9°27	26°36	17°39	1°36	16°34	2°45	24°R10	23° 4	25°34	n.a.	T 9
F 10	3 6 12	15°47'46	9♏49	25°43	2°49	9°30	26°45	17°46	1°39	16°35	2°44	24°10	23° 0	25°41	n.a.	F 10
S 11	3 10 8	16°48'54	23°30	27°17	3°53	9°32	26°54	17°52	1°42	16°35	2°44	24° 8	22°57	25°47	n.a.	S 11
S 12	3 14 5	17°50'02	6♐55	28°50	4°58	9°33	27° 3	17°58	1°45	16°35	2°43	24° 5	22°54	25°54	n.a.	S 12
M13	3 18 2	18°51'12	20° 0	0♐23	6° 1	9°R33	27°12	18° 5	1°48	16°36	2°42	24° 1	22°51	26° 1	n.a.	M13
T 14	3 21 58	19°52'22	2♑47	1°56	7° 5	9°33	27°21	18°11	1°51	16°36	2°41	23°56	22°48	26° 8	n.a.	T 14
W15	3 25 55	20°53'32	15°16	3°30	8° 8	9°31	27°31	18°18	1°54	16°36	2°40	23°52	22°45	26°14	n.a.	W15
T 16	3 29 51	21°54'43	27°29	5° 2	9°11	9°29	27°40	18°24	1°57	16°36	2°39	23°49	22°41	26°21	n.a.	T 16
F 17	3 33 48	22°55'54	9♒31	6°35	10°14	9°26	27°50	18°31	1°59	16°36	2°38	23°46	22°38	26°28	n.a.	F 17
S 18	3 37 44	23°57'06	21°24	8° 7	11°16	9°22	28° 0	18°38	2° 2	16°37	2°37	23°D45	22°35	26°34	n.a.	S 18
S 19	3 41 41	24°58'18	3♓15	9°39	12°18	9°18	28°10	18°44	2° 5	16°37	2°36	23°46	22°32	26°41	n.a.	S 19
M20	3 45 37	25°59'30	15° 8	11°11	13°19	9°12	28°20	18°51	2° 7	16°37	2°35	23°47	22°29	26°48	n.a.	M20
T 21	3 49 34	27° 0'42	27° 8	12°42	14°20	9° 6	28°30	18°58	2°10	16°R37	2°34	23°49	22°26	26°54	n.a.	T 21
W22	3 53 31	28° 1'54	9♈20	14°12	15°21	8°59	28°40	19° 5	2°12	16°37	2°33	23°51	22°22	27° 1	n.a.	W22
T 23	3 57 27	29° 3'07	21°48	15°42	16°21	8°51	28°51	19°11	2°15	16°37	2°32	23°R51	22°19	27° 8	n.a.	T 23
F 24	4 1 24	0♐ 4'19	4♉34	17°10	17°21	8°42	29° 1	19°18	2°17	16°37	2°31	23°51	22°16	27°15	n.a.	F 24
S 25	4 5 20	1° 5'32	17°40	18°37	18°20	8°33	29°12	19°25	2°20	16°36	2°30	23°49	22°13	27°21	n.a.	S 25
S 26	4 9 17	2° 6'46	1♊ 7	20° 2	19°19	8°22	29°23	19°32	2°22	16°36	2°29	23°44	22°10	27°28	n.a.	S 26
M27	4 13 13	3° 7'59	14°52	21°26	20°17	8°11	29°33	19°39	2°24	16°36	2°27	23°39	22° 6	27°35	n.a.	M27
T 28	4 17 10	4° 9'13	28°52	22°47	21°15	7°59	29°44	19°46	2°27	16°36	2°26	23°32	22° 3	27°41	n.a.	T 28
W29	4 21 7	5°10'27	13♋ 3	24° 6	22°12	7°46	29°55	19°53	2°29	16°36	2°25	23°25	22° 0	27°48	n.a.	W29
T 30	4 25 3	6♐11'42	27♋19	25♐22	23♑ 9	7♋33	0♒ 7	20♐ 0	2♎31	16♏35	2♋24	23♈19	21♈57	27♒55	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13s53	28n35	4n54	16s31	1s 4	26s26	2s55	25n12	1n48	22s16	1s 1	22s25	0n38	0n 8	0n40	16n51	0n50	26n25	2n45	9n28	9n13	17s35		n.a.
T 2	14 13	27 50	5 13	17 6	1 10	26 29	2 55	25 14	1 50	22 15	1 1	22 26	0 38	0 7	0 40	16 51	0 50	26 25	2 45	9 27	9 12	17 32		n.a.
F 3	14 33	25 20	5 14	17 39	1 15	26 32	2 55	25 16	1 53	22 13	1 1	22 26	0 38	0 5	0 40	16 51	0 50	26 26	2 45	9 27	9 11	17 30		n.a.
S 4	14 53	21 16	4 56	18 12	1 21	26 34	2 55	25 18	1 55	22 11	1 1	22 27	0 37	0 4	0 40	16 51	0 50	26 26	2 45	9 27	9 10	17 27		n.a.
S 5	15 12	15 59	4 19	18 44	1 26	26 36	2 55	25 20	1 57	22 10	1 1	22 28	0 37	0 3	0 40	16 51	0 50	26 26	2 46	9 27	9 8	17 24		n.a.
M 6	15 31	9 49	3 27	19 15	1 31	26 37	2 55	25 22	2 0	22 8	1 0	22 28	0 37	0 2	0 40	16 51	0 50	26 26	2 46	9 27	9 7	17 21		n.a.
T 7	15 50	3 9	2 22	19 46	1 36	26 37	2 55	25 24	2 3	22 6	1 0	22 29	0 37	0 0	0 40	16 51	0 50	26 26	2 46	9 28	9 6	17 19		n.a.
W 8	16 9	3s40	1 8	20 15	1 41	26 36	2 54	25 27	2 5	22 5	1 0	22 30	0 37	0s 1	0 40	16 50	0 50	26 26	2 46	9 28	9 5	17 16		n.a.
T 9	16 27	10 15	0s 9	20 43	1 45	26 35	2 53	25 29	2 8	22 3	1 0	22 31	0 37	0 2	0 40	16 50	0 50	26 26	2 46	9 29	9 4	17 13		n.a.
F 10	16 45	16 15	1 25	21 10	1 49	26 33	2 53	25 31	2 10	22 1	1 0	22 31	0 37	0 3	0 40	16 50	0 50	26 27	2 46	9 28	9 2	17 10		n.a.
S 11	17 3	21 21	2 34	21 36	1 53	26 30	2 52	25 34	2 13	21 59	1 0	22 32	0 37	0 4	0 40	16 50	0 50	26 27	2 46	9 28	9 1	17 7		n.a.
S 12	17 20	25 13	3 34	22 1	1 57	26 27	2 51	25 36	2 15	21 58	1 0	22 33	0 37	0 5	0 40	16 50	0 50	26 27	2 46	9 26	9 0	17 5		n.a.
M13	17 37	27 39	4 20	22 25	2 0	26 23	2 49	25 39	2 18	21 56	1 0	22 33	0 37	0 7	0 40	16 50	0 50	26 27	2 47	9 25	8 59	17 2		n.a.
T 14	17 54	28 33	4 52	22 48	2 4	26 18	2 48	25 42	2 21	21 54	1 0	22 34	0 36	0 8	0 40	16 50	0 50	26 27	2 47	9 23	8 58	16 59		n.a.
W15	18 11	27 57	5 10	23 9	2 6	26 13	2 46	25 44	2 23	21 52	1 0	22 35	0 36	0 9	0 40	16 50	0 50	26 27	2 47	9 22	8 56	16 56		n.a.
T 16	18 27	26 0	5 13	23 29	2 9	26 7	2 44	25 47	2 26	21 50	1 0	22 35	0 36	0 10	0 40	16 50	0 51	26 27	2 47	9 20	8 55	16 54		n.a.
F 17	18 43	22 54	5 2	23 47	2 11	26 0	2 42	25 50	2 29	21 48	1 0	22 36	0 36	0 11	0 40	16 50	0 51	26 28	2 47	9 20	8 54	16 51		n.a.
S 18	18 58	18 54	4 38	24 5	2 12	25 53	2 40	25 53	2 32	21 46	0 59	22 37	0 36	0 12	0 40	16 50	0 51	26 28	2 47	9 19	8 53	16 48		n.a.
S 19	19 13	14 11	4 2	24 20	2 13	25 45	2 38	25 56	2 34	21 44	0 59	22 37	0 36	0 13	0 40	16 50	0 51	26 28	2 47	9 19	8 52	16 45		n.a.
M20	19 28	8 55	3 16	24 35	2 14	25 36	2 36	25 59	2 37	21 41	0 59	22 38	0 36	0 14	0 40	16 50	0 51	26 28	2 47	9 20	8 50	16 42		n.a.
T 21	19 42	3 18	2 21	24 47	2 14	25 27	2 33	26 3	2 40	21 39	0 59	22 39	0 36	0 15	0 40	16 50	0 51	26 28	2 47	9 20	8 49	16 39		n.a.
W22	19 56	2n32	1 18	24 58	2 14	25 18	2 30	26 6	2 43	21 37	0 59	22 39	0 36	0 16	0 41	16 50	0 51	26 28	2 48	9 21	8 48	16 37		n.a.
T 23	20 10	8 25	0 11	25 8	2 13	25 7	2 27	26 9	2 45	21 35	0 59	22 40	0 36	0 17	0 41	16 50	0 51	26 28	2 48	9 21	8 47	16 34		n.a.
F 24	20 23	14 6	0n58	25 15	2 11	24 56	2 24	26 12	2 48	21 33	0 59	22 41	0 36	0 18	0 41	16 50	0 51	26 28	2 48	9 21	8 46	16 31		n.a.
S 25	20 36	19 18	2 6	25 21	2 9	24 45	2 21	26 16	2 51	21 30	0 59	22 41	0 35	0 19	0 41	16 50	0 51	26 29	2 48	9 20	8 44	16 28		n.a.
S 26	20 49	23 41	3 8	25 25	2 6	24 33	2 17	26 19	2 53	21 28	0 59	22 42	0 35	0 20	0 41	16 50	0 51	26 29	2 48	9 19	8 43	16 25		n.a.
M27	21 1	26 50	4 1	25 28	2 3	24 21	2 13	26 23	2 56	21 26	0 59	22 42	0 35	0 21	0 41	16 51	0 51	26 29	2 48	9 17	8 42	16 23		n.a.
T 28	21 13	28 23	4 41	25 28	1 58	24 8	2 9	26 26	2 59	21 23	0 59	22 43	0 35	0 22	0 41	16 51	0 51	26 29	2 48	9 14	8 41	16 20		n.a.
W29	21 24	28 6	5 4	25 27	1 53	23 54	2 5	26 30	3 2	21 21	0 59	22 44	0 35	0 23	0 41	16 51	0 51	26 29	2 48	9 12	8 40	16 17		n.a.
T 30	21s35	25n57	5n 8	25s24	1s47	23s40	2s 1	26n33	3n 4	21s18	0s59	22s44	0n35	0s23	0n41	16n51	0n51	26n29	2n48	9n 9	8n39	16s14		n.a.

Julian Day Number = 1705656.5, Delta T = 03h03m19s
Ecliptic obliquity = 23°42'09, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°39'33, Lahiri = - 4°32'32 Julian Calendar 1 Nov. 44 BCE == Greg. Calendar 30 Oct. 044 BCE

The year -43 astronomical counting style corresponds to year 044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 44 BCE
geocentric

DECEMBER 44 BCE (-43) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 29 0	7♐12'56	11♌36	26♐34	24♑ 5	7°R18	0♒18	20♐ 7	2♎33	16°R35	2°R23	23°R14	21♈54	28♒ 1	n.a.	F 1
S 2	4 32 56	8°14'11	25°51	27°42	25° 1	7♋ 3	0°29	20°14	2°35	16♌35	2♋22	23♈11	21°51	28° 8	n.a.	S 2
S 3	4 36 53	9°15'26	10♍ 0	28°45	25°56	6°47	0°41	20°21	2°37	16°34	2°20	23°D11	21°47	28°15	n.a.	S 3
M 4	4 40 49	10°16'42	24° 3	29°43	26°50	6°31	0°52	20°28	2°39	16°34	2°19	23°11	21°44	28°22	n.a.	M 4
T 5	4 44 46	11°17'57	7♎58	0♑34	27°44	6°14	1° 4	20°35	2°41	16°33	2°18	23°13	21°41	28°28	n.a.	T 5
W 6	4 48 42	12°19'13	21°44	1°17	28°37	5°56	1°16	20°42	2°43	16°33	2°17	23°R13	21°38	28°35	n.a.	W 6
T 7	4 52 39	13°20'29	5♏23	1°53	29°29	5°37	1°28	20°49	2°45	16°32	2°16	23°13	21°35	28°42	n.a.	T 7
F 8	4 56 36	14°21'45	18°51	2°19	0♒21	5°18	1°40	20°56	2°47	16°32	2°14	23°10	21°32	28°48	n.a.	F 8
S 9	5 0 32	15°23'01	2♐ 9	2°36	1°12	4°58	1°52	21° 3	2°49	16°31	2°13	23° 4	21°28	28°55	n.a.	S 9
S 10	5 4 29	16°24'17	15°15	2°R41	2° 2	4°37	2° 4	21°10	2°50	16°31	2°12	22°56	21°25	29° 2	n.a.	S 10
M11	5 8 25	17°25'32	28° 7	2°35	2°51	4°16	2°16	21°17	2°52	16°30	2°10	22°46	21°22	29° 8	n.a.	M11
T 12	5 12 22	18°26'47	10♑45	2°18	3°39	3°55	2°28	21°24	2°54	16°29	2° 9	22°35	21°19	29°15	n.a.	T 12
W13	5 16 18	19°28'01	23° 9	1°49	4°26	3°33	2°41	21°31	2°55	16°28	2° 8	22°24	21°16	29°22	n.a.	W13
T 14	5 20 15	20°29'15	5♒20	1° 8	5°13	3°10	2°53	21°38	2°57	16°28	2° 7	22°15	21°12	29°28	n.a.	T 14
F 15	5 24 12	21°30'28	17°21	0°16	5°58	2°48	3° 6	21°45	2°58	16°27	2° 5	22° 7	21° 9	29°35	n.a.	F 15
S 16	5 28 8	22°31'41	29°13	29♐15	6°43	2°25	3°18	21°52	2°59	16°26	2° 4	22° 1	21° 6	29°42	n.a.	S 16
S 17	5 32 5	23°32'52	11♓ 2	28° 7	7°26	2° 1	3°31	21°59	3° 1	16°25	2° 3	21°58	21° 3	29°49	n.a.	S 17
M18	5 36 1	24°34'03	22°53	26°52	8° 8	1°38	3°44	22° 7	3° 2	16°24	2° 1	21°D57	21° 0	29°55	n.a.	M18
T 19	5 39 58	25°35'12	4♈51	25°35	8°49	1°14	3°56	22°14	3° 3	16°24	2° 0	21°58	20°57	0♓ 2	n.a.	T 19
W20	5 43 54	26°36'21	17° 1	24°17	9°29	0°50	4° 9	22°21	3° 4	16°23	1°59	21°R58	20°53	0° 9	n.a.	W20
T 21	5 47 51	27°37'29	29°28	23° 0	10° 7	0°26	4°22	22°28	3° 6	16°22	1°57	21°58	20°50	0°15	n.a.	T 21
F 22	5 51 47	28°38'36	12♉18	21°47	10°45	0° 2	4°35	22°35	3° 7	16°21	1°56	21°56	20°47	0°22	n.a.	F 22
S 23	5 55 44	29°39'42	25°32	20°39	11°21	29♊38	4°48	22°42	3° 8	16°20	1°55	21°52	20°44	0°29	n.a.	S 23
S 24	5 59 41	0♑40'47	9♊13	19°39	11°55	29°14	5° 1	22°49	3° 9	16°19	1°53	21°44	20°41	0°35	n.a.	S 24
M25	6 3 37	1°41'51	23°18	18°47	12°28	28°50	5°15	22°56	3°10	16°18	1°52	21°35	20°38	0°42	n.a.	M25
T 26	6 7 34	2°42'54	7♋44	18° 4	12°59	28°26	5°28	23° 3	3°10	16°17	1°51	21°24	20°34	0°49	n.a.	T 26
W27	6 11 30	3°43'56	22°24	17°29	13°29	28° 2	5°41	23°10	3°11	16°15	1°49	21°12	20°31	0°55	n.a.	W27
T 28	6 15 27	4°44'57	7♌ 9	17° 4	13°57	27°39	5°55	23°17	3°12	16°14	1°48	21° 2	20°28	1° 2	n.a.	T 28
F 29	6 19 23	5°45'57	21°53	16°48	14°24	27°16	6° 8	23°24	3°13	16°13	1°47	20°53	20°25	1° 9	n.a.	F 29
S 30	6 23 20	6°46'57	6♍27	16°D40	14°48	26°53	6°22	23°31	3°13	16°12	1°45	20°48	20°22	1°16	n.a.	S 30
S 31	6 27 16	7♑47'56	20♍48	16♐40	15♒11	26♊31	6♒35	23♐38	3♎14	16♌11	1♋44	20♈45	20♈18	1♓22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s45	22n11	4n53	25s19	1s40	23s26	1s56	26n36	3n 7	21s16	0s59	22s45	0n35	0s24	0n41	16n51	0n51	26n29	2n49	9n 7	8n37	16s11		n.a.
S 2	21 55	17 7	4 20	25 12	1 31	23 11	1 51	26 40	3 9	21 13	0 59	22 46	0 35	0 25	0 41	16 51	0 51	26 29	2 49	9 6	8 36	16 8		n.a.
S 3	22 5	11 10	3 32	25 4	1 22	22 56	1 46	26 43	3 12	21 11	0 58	22 46	0 35	0 26	0 41	16 51	0 51	26 30	2 49	9 6	8 35	16 5		n.a.
M 4	22 14	4 41	2 31	24 54	1 12	22 40	1 41	26 47	3 15	21 8	0 58	22 47	0 35	0 27	0 41	16 51	0 51	26 30	2 49	9 6	8 34	16 3		n.a.
T 5	22 23	1s57	1 21	24 42	1 0	22 24	1 36	26 50	3 17	21 5	0 58	22 47	0 35	0 27	0 41	16 52	0 51	26 30	2 49	9 7	8 33	16 0		n.a.
W 6	22 31	8 26	0 8	24 29	0 47	22 8	1 30	26 53	3 20	21 3	0 58	22 48	0 34	0 28	0 41	16 52	0 51	26 30	2 49	9 7	8 31	15 57		n.a.
T 7	22 39	14 29	1s 5	24 14	0 33	21 51	1 24	26 57	3 22	21 0	0 58	22 48	0 34	0 29	0 41	16 52	0 51	26 30	2 49	9 7	8 30	15 54		n.a.
F 8	22 46	19 45	2 13	23 59	0 18	21 34	1 18	27 0	3 24	20 57	0 58	22 49	0 34	0 30	0 41	16 52	0 51	26 30	2 49	9 6	8 29	15 51		n.a.
S 9	22 53	23 58	3 13	23 42	0 1	21 17	1 12	27 3	3 27	20 54	0 58	22 50	0 34	0 30	0 41	16 52	0 51	26 30	2 49	9 4	8 28	15 48		n.a.
S 10	23 0	26 53	4 2	23 24	0n16	20 59	1 5	27 6	3 29	20 52	0 58	22 50	0 34	0 31	0 41	16 53	0 51	26 30	2 49	9 1	8 27	15 45		n.a.
M11	23 6	28 18	4 37	23 6	0 34	20 41	0 58	27 9	3 31	20 49	0 58	22 51	0 34	0 32	0 41	16 53	0 51	26 31	2 50	8 57	8 25	15 42		n.a.
T 12	23 12	28 13	4 58	22 48	0 53	20 23	0 51	27 12	3 33	20 46	0 58	22 51	0 34	0 32	0 41	16 53	0 52	26 31	2 50	8 53	8 24	15 39		n.a.
W13	23 17	26 41	5 4	22 29	1 13	20 4	0 44	27 14	3 35	20 43	0 58	22 52	0 34	0 33	0 41	16 53	0 52	26 31	2 50	8 49	8 23	15 36		n.a.
T 14	23 21	23 56	4 57	22 10	1 32	19 46	0 36	27 17	3 37	20 40	0 58	22 52	0 34	0 33	0 41	16 54	0 52	26 31	2 50	8 45	8 22	15 34		n.a.
F 15	23 26	20 11	4 36	21 51	1 51	19 27	0 29	27 19	3 39	20 37	0 58	22 53	0 34	0 34	0 41	16 54	0 52	26 31	2 50	8 42	8 20	15 31		n.a.
S 16	23 29	15 40	4 3	21 32	2 10	19 8	0 21	27 22	3 41	20 34	0 58	22 53	0 34	0 34	0 41	16 54	0 52	26 31	2 50	8 40	8 19	15 28		n.a.
S 17	23 33	10 35	3 20	21 14	2 27	18 49	0 12	27 24	3 43	20 31	0 58	22 54	0 34	0 35	0 41	16 55	0 52	26 31	2 50	8 39	8 18	15 25		n.a.
M18	23 35	5 7	2 29	20 57	2 43	18 30	0 4	27 26	3 44	20 28	0 58	22 54	0 34	0 35	0 41	16 55	0 52	26 31	2 50	8 39	8 17	15 22		n.a.
T 19	23 38	0n34	1 30	20 41	2 56	18 10	0n 5	27 28	3 46	20 25	0 58	22 55	0 34	0 36	0 41	16 55	0 52	26 31	2 50	8 39	8 16	15 19		n.a.
W20	23 40	6 21	0 26	20 27	3 8	17 51	0 14	27 29	3 47	20 22	0 58	22 55	0 33	0 36	0 41	16 55	0 52	26 32	2 50	8 39	8 14	15 16		n.a.
T 21	23 41	12 2	0n40	20 14	3 17	17 32	0 23	27 31	3 49	20 19	0 58	22 56	0 33	0 37	0 41	16 56	0 52	26 32	2 50	8 39	8 13	15 13		n.a.
F 22	23 42	17 22	1 46	20 3	3 24	17 12	0 33	27 32	3 50	20 16	0 58	22 56	0 33	0 37	0 41	16 56	0 52	26 32	2 50	8 38	8 12	15 10		n.a.
S 23	23 42	22 5	2 48	19 55	3 28	16 53	0 43	27 33	3 51	20 12	0 58	22 57	0 33	0 37	0 41	16 56	0 52	26 32	2 51	8 36	8 11	15 7		n.a.
S 24	23 42	25 45	3 43	19 48	3 30	16 33	0 53	27 34	3 52	20 9	0 58	22 57	0 33	0 38	0 42	16 57	0 52	26 32	2 51	8 34	8 10	15 4		n.a.
M25	23 41	27 57	4 26	19 44	3 30	16 14	1 3	27 35	3 53	20 6	0 58	22 58	0 33	0 38	0 42	16 57	0 52	26 32	2 51	8 30	8 8	15 1		n.a.
T 26	23 40	28 21	4 53	19 43	3 27	15 55	1 14	27 36	3 54	20 3	0 58	22 58	0 33	0 38	0 42	16 57	0 52	26 32	2 51	8 26	8 7	14 58		n.a.
W27	23 39	26 46	5 1	19 44	3 24	15 36	1 25	27 36	3 55	19 59	0 58	22 58	0 33	0 39	0 42	16 58	0 52	26 32	2 51	8 22	8 6	14 55		n.a.
T 28	23 37	23 21	4 50	19 47	3 18	15 17	1 36	27 36	3 55	19 56	0 58	22 59	0 33	0 39	0 42	16 58	0 52	26 32	2 51	8 18	8 5	14 52		n.a.
F 29	23 35	18 26	4 19	19 52	3 12	14 58	1 48	27 36	3 56	19 52	0 58	22 59	0 33	0 39	0 42	16 59	0 52	26 32	2 51	8 14	8 4	14 49		n.a.
S 30	23 32	12 31	3 31	19 58	3 4	14 40	2 0	27 36	3 57	19 49	0 58	23 0	0 33	0 39	0 42	16 59	0 52	26 32	2 51	8 12	8 2	14 47		n.a.
S 31	23s28	6n 0	2n31	20s 7	2n56	14s22	2n12	27n36	3n57	19s46	0s58	23s 0	0n33	0s40	0n42	16n59	0n52	26n32	2n51	8n11	8n 1	14s44		n.a.

Julian Day Number = 1705686.5, Delta T = 03h03m18s
Ecliptic obliquity = 23°42'09, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°39'29, Lahiri = - 4°32'28 Julian Calendar 1 Dec. 44 BCE == Greg. Calendar 29 Nov. 044 BCE

The year -43 astronomical counting style corresponds to year 044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 43 BCE
geocentric

JANUARY 43 BCE (-42) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 31 13	8♉48'53	4♎52	16♐48	15♒32	26°R 8	6♒49	23♐45	3♎14	16°R 9	1°R43	20°D44	20♈15	1♓29	n.a.	M 1
T 2	6 35 10	9°49'50	18°40	17° 2	15°51	25♊47	7° 2	23°52	3°15	16♎ 8	1♋41	20°R44	20°12	1°36	n.a.	T 2
W 3	6 39 6	10°50'46	2♏13	17°24	16° 8	25°26	7°16	23°59	3°15	16° 7	1°40	20♈43	20° 9	1°42	n.a.	W 3
T 4	6 43 3	11°51'42	15°32	17°51	16°23	25° 5	7°30	24° 6	3°15	16° 6	1°39	20°41	20° 6	1°49	n.a.	T 4
F 5	6 46 59	12°52'36	28°38	18°24	16°35	24°45	7°44	24°13	3°16	16° 4	1°37	20°37	20° 3	1°56	n.a.	F 5
S 6	6 50 56	13°53'29	11♐34	19° 1	16°46	24°25	7°57	24°19	3°16	16° 3	1°36	20°29	19°59	2° 2	n.a.	S 6
S 7	6 54 52	14°54'22	24°18	19°43	16°54	24° 6	8°11	24°26	3°16	16° 2	1°35	20°18	19°56	2° 9	n.a.	S 7
M 8	6 58 49	15°55'12	6♉52	20°30	17° 0	23°48	8°25	24°33	3°16	16° 0	1°33	20° 5	19°53	2°16	n.a.	M 8
T 9	7 2 46	16°56'02	19°16	21°20	17° 3	23°30	8°39	24°40	3°16	15°59	1°32	19°50	19°50	2°22	n.a.	T 9
W10	7 6 42	17°56'50	1♒30	22°13	17°R 4	23°13	8°53	24°47	3°R16	15°57	1°31	19°36	19°47	2°29	n.a.	W10
T 11	7 10 39	18°57'37	13°34	23°10	17° 3	22°56	9° 7	24°53	3°16	15°56	1°30	19°22	19°44	2°36	n.a.	T 11
F 12	7 14 35	19°58'22	25°31	24° 9	16°59	22°41	9°21	25° 0	3°16	15°55	1°28	19°11	19°40	2°43	n.a.	F 12
S 13	7 18 32	20°59'05	7♓21	25°12	16°52	22°26	9°35	25° 7	3°16	15°53	1°27	19° 2	19°37	2°49	n.a.	S 13
S 14	7 22 28	21°59'47	19° 9	26°16	16°43	22°12	9°49	25°13	3°16	15°52	1°26	18°57	19°34	2°56	n.a.	S 14
M15	7 26 25	23° 0'27	0♈58	27°23	16°32	21°58	10° 3	25°20	3°16	15°50	1°25	18°54	19°31	3° 3	n.a.	M15
T 16	7 30 21	24° 1'05	12°53	28°32	16°17	21°46	10°18	25°26	3°15	15°49	1°23	18°53	19°28	3° 9	n.a.	T 16
W17	7 34 18	25° 1'41	25° 0	29°43	16° 1	21°34	10°32	25°33	3°15	15°47	1°22	18°53	19°24	3°16	n.a.	W17
T 18	7 38 15	26° 2'15	7♉23	0♉56	15°42	21°23	10°46	25°39	3°14	15°46	1°21	18°52	19°21	3°23	n.a.	T 18
F 19	7 42 11	27° 2'47	20° 9	2°10	15°20	21°13	11° 0	25°46	3°14	15°44	1°20	18°51	19°18	3°29	n.a.	F 19
S 20	7 46 8	28° 3'18	3♊21	3°26	14°57	21° 3	11°15	25°52	3°13	15°42	1°19	18°47	19°15	3°36	n.a.	S 20
S 21	7 50 4	29° 3'46	17° 3	4°44	14°31	20°55	11°29	25°58	3°13	15°41	1°17	18°40	19°12	3°43	n.a.	S 21
M22	7 54 1	0♒ 4'13	1♋14	6° 3	14° 3	20°47	11°43	26° 5	3°12	15°39	1°16	18°31	19° 9	3°49	n.a.	M22
T 23	7 57 57	1° 4'38	15°51	7°24	13°33	20°40	11°58	26°11	3°11	15°38	1°15	18°20	19° 5	3°56	n.a.	T 23
W24	8 1 54	2° 5'01	0♌48	8°45	13° 1	20°33	12°12	26°17	3°11	15°36	1°14	18° 8	19° 2	4° 3	n.a.	W24
T 25	8 5 50	3° 5'22	15°56	10° 9	12°28	20°28	12°26	26°23	3°10	15°34	1°13	17°58	18°59	4° 9	n.a.	T 25
F 26	8 9 47	4° 5'41	1♍ 3	11°33	11°53	20°23	12°41	26°30	3° 9	15°33	1°12	17°49	18°56	4°16	n.a.	F 26
S 27	8 13 44	5° 5'59	16° 1	12°59	11°17	20°19	12°55	26°36	3° 8	15°31	1°11	17°43	18°53	4°23	n.a.	S 27
S 28	8 17 40	6° 6'15	0♎41	14°25	10°41	20°16	13° 9	26°42	3° 7	15°30	1°10	17°40	18°50	4°30	n.a.	S 28
M29	8 21 37	7° 6'29	15° 0	15°53	10° 3	20°14	13°24	26°48	3° 6	15°28	1° 9	17°D39	18°46	4°36	n.a.	M29
T 30	8 25 33	8° 6'42	28°56	17°22	9°26	20°12	13°38	26°54	3° 5	15°26	1° 7	17°39	18°43	4°43	n.a.	T 30
W31	8 29 30	9♒ 6'53	12♏29	18♉53	8♒48	20♊11	13♒53	27♐ 0	3♎ 4	15♌25	1♋ 6	17°R39	18♈40	4♓50	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23s24	0s41	1n23	20s16	2n47	14s 4	2n24	27n36	3n57	19s42	0s58	23s 1	0n33	0s40	0n42	17n 0	0n52	26n33	2n51	8n11	8n 0	14s41			n.a.
T 2	23 20	7 14	0 11	20 27	2 37	13 47	2 36	27 35	3 57	19 39	0 58	23 1	0 33	0 40	0 42	17 0	0 52	26 33	2 51	8 11	7 59	14 38			n.a.
W 3	23 15	13 19	1s 0	20 39	2 27	13 29	2 49	27 35	3 58	19 35	0 58	23 1	0 33	0 40	0 42	17 1	0 52	26 33	2 51	8 11	7 58	14 35			n.a.
T 4	23 10	18 42	2 7	20 52	2 17	13 13	3 2	27 34	3 58	19 32	0 58	23 2	0 33	0 40	0 42	17 1	0 52	26 33	2 51	8 10	7 56	14 32			n.a.
F 5	23 4	23 6	3 6	21 5	2 7	12 56	3 15	27 33	3 58	19 28	0 58	23 2	0 32	0 40	0 42	17 1	0 52	26 33	2 51	8 8	7 55	14 29			n.a.
S 6	22 58	26 17	3 54	21 18	1 56	12 41	3 28	27 32	3 57	19 24	0 58	23 2	0 32	0 40	0 42	17 2	0 52	26 33	2 51	8 5	7 54	14 26			n.a.
S 7	22 52	28 4	4 30	21 32	1 46	12 25	3 42	27 31	3 57	19 21	0 58	23 3	0 32	0 40	0 42	17 2	0 52	26 33	2 51	8 1	7 53	14 23			n.a.
M 8	22 44	28 22	4 52	21 46	1 36	12 10	3 55	27 30	3 57	19 17	0 58	23 3	0 32	0 40	0 42	17 3	0 52	26 33	2 52	7 56	7 52	14 20			n.a.
T 9	22 37	27 14	4 59	22 0	1 25	11 56	4 9	27 29	3 56	19 13	0 58	23 3	0 32	0 40	0 42	17 3	0 52	26 33	2 52	7 51	7 50	14 17			n.a.
W10	22 29	24 48	4 53	22 14	1 15	11 43	4 23	27 27	3 56	19 10	0 58	23 4	0 32	0 40	0 42	17 4	0 52	26 33	2 52	7 45	7 49	14 14			n.a.
T 11	22 21	21 17	4 34	22 27	1 5	11 30	4 37	27 26	3 55	19 6	0 58	23 4	0 32	0 40	0 42	17 4	0 52	26 33	2 52	7 40	7 48	14 11			n.a.
F 12	22 12	16 57	4 2	22 40	0 54	11 18	4 51	27 24	3 55	19 2	0 58	23 4	0 32	0 40	0 42	17 5	0 53	26 33	2 52	7 35	7 47	14 8			n.a.
S 13	22 3	12 0	3 20	22 52	0 45	11 6	5 5	27 23	3 54	18 58	0 58	23 5	0 32	0 40	0 42	17 5	0 53	26 33	2 52	7 32	7 45	14 5			n.a.
S 14	21 53	6 38	2 30	23 4	0 35	10 56	5 19	27 21	3 53	18 54	0 58	23 5	0 32	0 40	0 42	17 6	0 53	26 33	2 52	7 30	7 44	14 2			n.a.
M15	21 43	1 2	1 33	23 15	0 25	10 46	5 33	27 20	3 53	18 51	0 58	23 5	0 32	0 40	0 42	17 6	0 53	26 34	2 52	7 29	7 43	13 58			n.a.
T 16	21 33	4n39	0 32	23 26	0 16	10 37	5 47	27 18	3 52	18 47	0 58	23 5	0 32	0 40	0 42	17 7	0 53	26 34	2 52	7 28	7 42	13 55			n.a.
W17	21 22	10 17	0n32	23 35	0 7	10 29	6 0	27 16	3 51	18 43	0 58	23 6	0 32	0 40	0 42	17 7	0 53	26 34	2 52	7 28	7 41	13 52			n.a.
T 18	21 10	15 39	1 36	23 44	0s 2	10 22	6 14	27 15	3 50	18 39	0 58	23 6	0 32	0 39	0 42	17 7	0 53	26 34	2 52	7 28	7 39	13 49			n.a.
F 19	20 59	20 30	2 37	23 52	0 11	10 15	6 27	27 13	3 49	18 35	0 58	23 6	0 32	0 39	0 42	17 8	0 53	26 34	2 52	7 28	7 38	13 46			n.a.
S 20	20 47	24 31	3 32	23 59	0 19	10 10	6 39	27 11	3 48	18 31	0 58	23 7	0 32	0 39	0 42	17 8	0 53	26 34	2 52	7 26	7 37	13 43			n.a.
S 21	20 34	27 19	4 17	24 4	0 27	10 6	6 51	27 9	3 47	18 27	0 58	23 7	0 32	0 39	0 42	17 9	0 53	26 34	2 52	7 23	7 36	13 40			n.a.
M22	20 21	28 29	4 48	24 9	0 35	10 2	7 3	27 8	3 46	18 23	0 58	23 7	0 32	0 38	0 42	17 9	0 53	26 34	2 52	7 20	7 34	13 37			n.a.
T 23	20 8	27 43	5 1	24 12	0 43	10 0	7 14	27 6	3 45	18 19	0 58	23 7	0 32	0 38	0 43	17 10	0 53	26 34	2 52	7 16	7 33	13 34			n.a.
W24	19 55	24 58	4 54	24 15	0 50	9 59	7 25	27 4	3 43	18 15	0 58	23 7	0 32	0 38	0 43	17 10	0 53	26 34	2 52	7 11	7 32	13 31			n.a.
T 25	19 41	20 28	4 26	24 16	0 57	9 58	7 35	27 3	3 42	18 11	0 58	23 8	0 31	0 37	0 43	17 11	0 53	26 34	2 52	7 7	7 31	13 28			n.a.
F 26	19 27	14 39	3 40	24 15	1 4	9 59	7 44	27 1	3 41	18 7	0 58	23 8	0 31	0 37	0 43	17 11	0 53	26 34	2 52	7 4	7 30	13 25			n.a.
S 27	19 12	8 1	2 39	24 14	1 11	10 1	7 52	27 0	3 40	18 3	0 58	23 8	0 31	0 37	0 43	17 12	0 53	26 34	2 52	7 2	7 28	13 22			n.a.
S 28	18 57	1 5	1 29	24 11	1 17	10 3	8 0	26 58	3 38	17 59	0 58	23 8	0 31	0 36	0 43	17 12	0 53	26 34	2 52	7 0	7 27	13 19			n.a.
M29	18 42	5s46	0 14	24 7	1 23	10 6	8 7	26 57	3 37	17 55	0 58	23 9	0 31	0 36	0 43	17 13	0 53	26 34	2 52	7 0	7 26	13 16			n.a.
T 30	18 26	12 9	1s 0	24 1	1 28	10 10	8 12	26 55	3 36	17 50	0 58	23 9	0 31	0 35	0 43	17 13	0 53	26 34	2 52	7 0	7 25	13 13			n.a.
W31	18s10	17s47	2s 8	23s54	1s33	10s15	8n17	26n54	3n34	17s46	0s58	23s 9	0n31	0s35	0n43	17n14	0n53	26n34	2n52	7n 0	7n24	13s10			n.a.

Julian Day Number = 1705717.5, Delta T = 03h03m17s
Ecliptic obliquity = 23°42'09, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°39'24, Lahiri = - 4°32'24 Julian Calendar 1 Jan. 43 BCE == Greg. Calendar 30 Dec. 044 BCE

The year -42 astronomical counting style corresponds to year 043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 43 BCE
geocentric

FEBRUARY 43 BCE (-42) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 33 26	10♒ 7'03	25♏42	20♉24	8°R10	20°D11	14♒ 7	27♐ 5	3°R 3	15°R23	1°R 5	17°R38	18♈37	4♓56	n.a.	T 1
F 2	8 37 23	11° 7'11	8♐38	21°56	7♒33	20♊12	14°22	27°11	3♎ 2	15♌21	1♋ 4	17♈34	18°34	5° 3	n.a.	F 2
S 3	8 41 19	12° 7'17	21°18	23°30	6°56	20°13	14°36	27°17	3° 0	15°20	1° 3	17°28	18°30	5°10	n.a.	S 3
S 4	8 45 16	13° 7'22	3♉47	25° 5	6°21	20°15	14°51	27°23	2°59	15°18	1° 3	17°20	18°27	5°16	n.a.	S 4
M 5	8 49 13	14° 7'24	16° 5	26°40	5°46	20°18	15° 5	27°28	2°58	15°16	1° 2	17° 9	18°24	5°23	n.a.	M 5
T 6	8 53 9	15° 7'25	28°15	28°17	5°13	20°22	15°20	27°34	2°56	15°15	1° 1	16°57	18°21	5°30	n.a.	T 6
W 7	8 57 6	16° 7'24	10♒18	29°55	4°41	20°26	15°34	27°39	2°55	15°13	1° 0	16°45	18°18	5°36	n.a.	W 7
T 8	9 1 2	17° 7'21	22°14	1♒34	4°11	20°31	15°48	27°45	2°53	15°11	0°59	16°34	18°15	5°43	n.a.	T 8
F 9	9 4 59	18° 7'16	4♓ 6	3°14	3°42	20°36	16° 3	27°50	2°52	15°10	0°58	16°24	18°11	5°50	n.a.	F 9
S 10	9 8 55	19° 7'08	15°55	4°56	3°16	20°42	16°17	27°55	2°50	15° 8	0°57	16°17	18° 8	5°56	n.a.	S 10
S 11	9 12 52	20° 6'59	27°42	6°38	2°52	20°49	16°32	28° 1	2°49	15° 6	0°56	16°13	18° 5	6° 3	n.a.	S 11
M12	9 16 48	21° 6'47	9♈33	8°22	2°30	20°57	16°46	28° 6	2°47	15° 5	0°56	16°11	18° 2	6°10	n.a.	M12
T 13	9 20 45	22° 6'33	21°29	10° 7	2°10	21° 5	17° 1	28°11	2°45	15° 3	0°55	16°D11	17°59	6°16	n.a.	T 13
W14	9 24 41	23° 6'17	3♉35	11°53	1°53	21°14	17°15	28°16	2°44	15° 1	0°54	16°12	17°56	6°23	n.a.	W14
T 15	9 28 38	24° 5'58	15°57	13°40	1°38	21°23	17°30	28°21	2°42	15° 0	0°53	16°13	17°52	6°30	n.a.	T 15
F 16	9 32 35	25° 5'37	28°38	15°28	1°26	21°33	17°44	28°26	2°40	14°58	0°53	16°R13	17°49	6°36	n.a.	F 16
S 17	9 36 31	26° 5'14	11♊44	17°18	1°16	21°43	17°58	28°31	2°38	14°56	0°52	16°11	17°46	6°43	n.a.	S 17
S 18	9 40 28	27° 4'48	25°19	19° 9	1° 8	21°54	18°13	28°36	2°36	14°55	0°51	16° 8	17°43	6°50	n.a.	S 18
M19	9 44 24	28° 4'20	9♋23	21° 1	1° 3	22° 6	18°27	28°40	2°34	14°53	0°51	16° 3	17°40	6°57	n.a.	M19
T 20	9 48 21	29° 3'49	23°55	22°54	1° 0	22°18	18°42	28°45	2°32	14°51	0°50	15°56	17°36	7° 3	n.a.	T 20
W21	9 52 17	0♓ 3'16	8♌52	24°49	1°D 0	22°30	18°56	28°50	2°30	14°50	0°49	15°49	17°33	7°10	n.a.	W21
T 22	9 56 14	1° 2'41	24° 3	26°44	1° 2	22°44	19°10	28°54	2°28	14°48	0°49	15°42	17°30	7°17	n.a.	T 22
F 23	10 0 11	2° 2'04	9♍21	28°41	1° 7	22°57	19°24	28°58	2°26	14°47	0°48	15°37	17°27	7°23	n.a.	F 23
S 24	10 4 7	3° 1'24	24°33	0♓39	1°14	23°11	19°39	29° 3	2°24	14°45	0°48	15°33	17°24	7°30	n.a.	S 24
S 25	10 8 4	4° 0'43	9♎31	2°38	1°23	23°26	19°53	29° 7	2°22	14°44	0°47	15°D32	17°21	7°37	n.a.	S 25
M26	10 12 0	4°59'59	24° 6	4°38	1°34	23°41	20° 7	29°11	2°20	14°42	0°47	15°32	17°17	7°43	n.a.	M26
T 27	10 15 57	5°59'14	8♏16	6°40	1°47	23°56	20°21	29°15	2°18	14°40	0°46	15°33	17°14	7°50	n.a.	T 27
W28	10 19 53	6♓58'27	22♏ 0	8♓41	2♒ 3	24♊12	20♒36	29♐20	2♎16	14♌39	0♋46	15♈34	17♈11	7♓57	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s54	22s26	3s 8	23s45	1s38	10s21	8n21	26n52	3n33	17s42	0s58	23s 9	0n31	0s34	0n43	17n15	0n53	26n34	2n52	7n 0	7n22	13s 6		n.a.	
F 2	17 38	25 52	3 56	23 35	1 43	10 28	8 24	26 51	3 31	17 38	0 58	23 9	0 31	0 34	0 43	17 15	0 53	26 34	2 52	6 58	7 21	13 3		n.a.	
S 3	17 21	27 56	4 32	23 23	1 47	10 35	8 26	26 50	3 30	17 34	0 58	23 9	0 31	0 33	0 43	17 16	0 53	26 34	2 52	6 56	7 20	13 0		n.a.	
S 4	17 4	28 33	4 55	23 10	1 51	10 42	8 27	26 48	3 29	17 29	0 58	23 10	0 31	0 33	0 43	17 16	0 53	26 34	2 52	6 53	7 19	12 57		n.a.	
M 5	16 46	27 44	5 3	22 55	1 54	10 50	8 27	26 47	3 27	17 25	0 58	23 10	0 31	0 32	0 43	17 17	0 53	26 34	2 52	6 48	7 17	12 54		n.a.	
T 6	16 29	25 35	4 57	22 39	1 57	10 59	8 26	26 46	3 26	17 21	0 59	23 10	0 31	0 32	0 43	17 17	0 53	26 34	2 52	6 44	7 16	12 51		n.a.	
W 7	16 11	22 18	4 38	22 21	2 0	11 8	8 25	26 45	3 24	17 17	0 59	23 10	0 31	0 31	0 43	17 18	0 53	26 34	2 53	6 39	7 15	12 48		n.a.	
T 8	15 52	18 8	4 7	22 1	2 2	11 17	8 22	26 44	3 23	17 12	0 59	23 10	0 31	0 30	0 43	17 18	0 53	26 34	2 53	6 35	7 14	12 45		n.a.	
F 9	15 34	13 18	3 25	21 39	2 4	11 27	8 19	26 43	3 21	17 8	0 59	23 10	0 31	0 30	0 43	17 19	0 53	26 34	2 53	6 31	7 13	12 42		n.a.	
S 10	15 15	7 59	2 35	21 16	2 6	11 37	8 15	26 42	3 20	17 4	0 59	23 10	0 31	0 29	0 43	17 19	0 53	26 34	2 53	6 28	7 11	12 39		n.a.	
S 11	14 56	2 24	1 37	20 52	2 7	11 47	8 10	26 41	3 18	16 59	0 59	23 10	0 31	0 28	0 43	17 20	0 53	26 35	2 53	6 27	7 10	12 35		n.a.	
M12	14 37	3n17	0 36	20 25	2 7	11 57	8 4	26 40	3 17	16 55	0 59	23 11	0 31	0 28	0 43	17 20	0 53	26 35	2 53	6 26	7 9	12 32		n.a.	
T 13	14 18	8 54	0n28	19 57	2 7	12 7	7 58	26 39	3 16	16 51	0 59	23 11	0 31	0 27	0 43	17 21	0 53	26 35	2 53	6 26	7 8	12 29		n.a.	
W14	13 58	14 18	1 32	19 27	2 7	12 18	7 52	26 38	3 14	16 46	0 59	23 11	0 31	0 26	0 43	17 21	0 53	26 35	2 53	6 26	7 6	12 26		n.a.	
T 15	13 38	19 14	2 33	18 55	2 6	12 28	7 44	26 37	3 13	16 42	0 59	23 11	0 31	0 25	0 43	17 22	0 53	26 35	2 53	6 27	7 5	12 23		n.a.	
F 16	13 18	23 27	3 28	18 22	2 5	12 38	7 37	26 37	3 11	16 37	0 59	23 11	0 31	0 25	0 43	17 22	0 53	26 35	2 53	6 27	7 4	12 20		n.a.	
S 17	12 58	26 38	4 14	17 47	2 3	12 48	7 29	26 36	3 10	16 33	0 59	23 11	0 31	0 24	0 43	17 23	0 53	26 35	2 53	6 26	7 3	12 17		n.a.	
S 18	12 37	28 25	4 48	17 10	2 1	12 58	7 20	26 35	3 8	16 29	0 59	23 11	0 31	0 23	0 43	17 23	0 53	26 35	2 53	6 25	7 2	12 14		n.a.	
M19	12 16	28 27	5 6	16 31	1 58	13 8	7 11	26 34	3 7	16 24	0 59	23 11	0 31	0 22	0 43	17 24	0 53	26 35	2 53	6 23	7 0	12 10		n.a.	
T 20	11 56	26 34	5 5	15 50	1 55	13 17	7 2	26 34	3 5	16 20	1 0	23 11	0 30	0 22	0 43	17 24	0 53	26 35	2 53	6 20	6 59	12 7		n.a.	
W21	11 35	22 48	4 44	15 8	1 51	13 26	6 53	26 33	3 4	16 15	1 0	23 11	0 30	0 21	0 43	17 25	0 53	26 35	2 53	6 18	6 58	12 4		n.a.	
T 22	11 13	17 27	4 2	14 24	1 47	13 35	6 43	26 32	3 3	16 11	1 0	23 11	0 30	0 20	0 43	17 25	0 53	26 35	2 53	6 15	6 57	12 1		n.a.	
F 23	10 52	10 58	3 3	13 39	1 42	13 44	6 33	26 32	3 1	16 6	1 0	23 12	0 30	0 19	0 43	17 26	0 53	26 35	2 53	6 13	6 55	11 58		n.a.	
S 24	10 30	3 53	1 51	12 52	1 36	13 52	6 23	26 31	3 0	16 2	1 0	23 12	0 30	0 18	0 43	17 26	0 53	26 35	2 53	6 11	6 54	11 55		n.a.	
S 25	10 9	3s19	0 33	12 3	1 30	14 0	6 13	26 30	2 58	15 58	1 0	23 12	0 30	0 17	0 43	17 26	0 53	26 35	2 53	6 11	6 53	11 51		n.a.	
M26	9 47	10 10	0s46	11 13	1 24	14 8	6 3	26 30	2 57	15 53	1 0	23 12	0 30	0 17	0 43	17 27	0 53	26 35	2 53	6 11	6 52	11 48		n.a.	
T 27	9 25	16 19	2 0	10 21	1 16	14 15	5 53	26 29	2 56	15 49	1 0	23 12	0 30	0 16	0 43	17 27	0 53	26 35	2 53	6 11	6 50	11 45		n.a.	
W28	9s 3	21s27	3s 5	9s28	1s 9	14s21	5n42	26n29	2n54	15s44	1s 0	23s12	0n30	0s15	0n43	17n28	0n53	26n35	2n53	6n12	6n49	11s42		n.a.	

Julian Day Number = 1705748.5, Delta T = 03h03m16s
Ecliptic obliquity = 23°42'09, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°39'20, Lahiri = - 4°32'20 Julian Calendar 1 Feb. 43 BCE == Greg. Calendar 30 Jan. 043 BCE

The year -42 astronomical counting style corresponds to year 043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 43 BCE
geocentric

MARCH 43 BCE (-42) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 23 50	7♓57'38	5♐18	10♓44	2♒20	24♊29	20♒50	29♐23	2°R13	14°R37	0°R46	15°R35	17♈ 8	8♓ 3	n.a.	T 1
F 2	10 27 46	8°56'47	18°14	12°47	2°40	24°46	21° 4	29°27	2♎11	14♌36	0♋45	15♈35	17° 5	8°10	n.a.	F 2
S 3	10 31 43	9°55'54	0♑50	14°50	3° 1	25° 3	21°18	29°31	2° 9	14°34	0°45	15°33	17° 2	8°17	n.a.	S 3
S 4	10 35 39	10°55'00	13°12	16°54	3°24	25°20	21°32	29°35	2° 6	14°33	0°44	15°29	16°58	8°23	n.a.	S 4
M 5	10 39 36	11°54'03	25°21	18°57	3°49	25°39	21°46	29°39	2° 4	14°32	0°44	15°24	16°55	8°30	n.a.	M 5
T 6	10 43 33	12°53'05	7♒21	21° 0	4°15	25°57	22° 0	29°42	2° 2	14°30	0°44	15°19	16°52	8°37	n.a.	T 6
W 7	10 47 29	13°52'05	19°16	23° 2	4°43	26°16	22°14	29°46	1°59	14°29	0°44	15°13	16°49	8°43	n.a.	W 7
T 8	10 51 26	14°51'02	1♓ 6	25° 3	5°13	26°35	22°28	29°49	1°57	14°27	0°43	15° 7	16°46	8°50	n.a.	T 8
F 9	10 55 22	15°49'58	12°55	27° 3	5°44	26°55	22°42	29°52	1°55	14°26	0°43	15° 3	16°42	8°57	n.a.	F 9
S 10	10 59 19	16°48'51	24°44	29° 1	6°16	27°15	22°56	29°56	1°52	14°25	0°43	15° 0	16°39	9° 3	n.a.	S 10
S 11	11 3 15	17°47'42	6♈35	0♈57	6°50	27°35	23° 9	29°59	1°50	14°23	0°43	14°58	16°36	9°10	n.a.	S 11
M12	11 7 12	18°46'31	18°31	2°50	7°25	27°56	23°23	0♑ 2	1°47	14°22	0°43	14°D58	16°33	9°17	n.a.	M12
T 13	11 11 8	19°45'18	0♉34	4°41	8° 1	28°17	23°37	0° 5	1°45	14°21	0°43	14°59	16°30	9°23	n.a.	T 13
W14	11 15 5	20°44'03	12°46	6°28	8°39	28°38	23°51	0° 8	1°42	14°19	0°42	15° 0	16°27	9°30	n.a.	W14
T 15	11 19 1	21°42'45	25°13	8°12	9°18	29° 0	24° 4	0°10	1°40	14°18	0°42	15° 2	16°23	9°37	n.a.	T 15
F 16	11 22 58	22°41'25	7♊56	9°51	9°58	29°22	24°18	0°13	1°37	14°17	0°42	15° 3	16°20	9°43	n.a.	F 16
S 17	11 26 55	23°40'03	21° 0	11°27	10°38	29°44	24°31	0°16	1°35	14°16	0°D42	15°R 4	16°17	9°50	n.a.	S 17
S 18	11 30 51	24°38'39	4♋28	12°59	11°20	0♋ 6	24°45	0°18	1°32	14°14	0°42	15° 3	16°14	9°57	n.a.	S 18
M19	11 34 48	25°37'12	18°21	14°26	12° 3	0°29	24°58	0°21	1°30	14°13	0°42	15° 2	16°11	10° 3	n.a.	M19
T 20	11 38 44	26°35'43	2♌40	15°48	12°47	0°53	25°12	0°23	1°27	14°12	0°43	15° 0	16° 7	10°10	n.a.	T 20
W21	11 42 41	27°34'11	17°22	17° 6	13°32	1°16	25°25	0°25	1°25	14°11	0°43	14°58	16° 4	10°17	n.a.	W21
T 22	11 46 37	28°32'38	2♍21	18°18	14°18	1°40	25°38	0°27	1°22	14°10	0°43	14°56	16° 1	10°23	n.a.	T 22
F 23	11 50 34	29°31'02	17°30	19°25	15° 4	2° 4	25°51	0°30	1°20	14° 9	0°43	14°54	15°58	10°30	n.a.	F 23
S 24	11 54 30	0♈29'24	2♎40	20°27	15°52	2°28	26° 5	0°31	1°17	14° 8	0°43	14°53	15°55	10°37	n.a.	S 24
S 25	11 58 27	1°27'44	17°41	21°24	16°40	2°52	26°18	0°33	1°14	14° 7	0°43	14°D53	15°52	10°43	n.a.	S 25
M26	12 2 24	2°26'03	2♏24	22°15	17°29	3°17	26°31	0°35	1°12	14° 6	0°44	14°54	15°48	10°50	n.a.	M26
T 27	12 6 20	3°24'19	16°44	23° 1	18°18	3°42	26°44	0°37	1° 9	14° 5	0°44	14°54	15°45	10°57	n.a.	T 27
W28	12 10 17	4°22'34	0♐39	23°41	19° 9	4° 7	26°57	0°38	1° 7	14° 4	0°44	14°55	15°42	11° 3	n.a.	W28
T 29	12 14 13	5°20'48	14° 6	24°16	20° 0	4°33	27°10	0°40	1° 4	14° 3	0°44	14°56	15°39	11°10	n.a.	T 29
F 30	12 18 10	6°19'00	27° 8	24°45	20°51	4°59	27°22	0°41	1° 2	14° 2	0°45	14°57	15°36	11°17	n.a.	F 30
S 31	12 22 6	7♈17'10	9♑48	25♈ 8	21♒44	5♋25	27♒35	0♑43	0♎59	14♌ 1	0♋45	14°R57	15♈33	11♓23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	8s41	25s19	3s58	8s33	1s 0	14s28	5n32	26n28	2n53	15s40	1s 0	23s12	0n30	0s14	0n43	17n28	0n53	26n35	2n53	6n12	6n48	11s39			n.a.
F 2	8 18	27 46	4 37	7 38	0 52	14 33	5 22	26 27	2 52	15 35	1 1	23 12	0 30	0 13	0 43	17 29	0 53	26 35	2 53	6 12	6 47	11 36			n.a.
S 3	7 56	28 43	5 1	6 41	0 42	14 39	5 11	26 27	2 50	15 31	1 1	23 12	0 30	0 12	0 43	17 29	0 53	26 35	2 53	6 11	6 46	11 32			n.a.
S 4	7 33	28 12	5 11	5 44	0 32	14 44	5 1	26 26	2 49	15 26	1 1	23 12	0 30	0 11	0 43	17 30	0 53	26 35	2 53	6 10	6 44	11 29			n.a.
M 5	7 10	26 19	5 7	4 46	0 22	14 48	4 51	26 25	2 47	15 22	1 1	23 12	0 30	0 10	0 43	17 30	0 53	26 35	2 53	6 8	6 43	11 26			n.a.
T 6	6 48	23 17	4 49	3 47	0 12	14 52	4 41	26 24	2 46	15 17	1 1	23 12	0 30	0 9	0 43	17 30	0 53	26 35	2 53	6 6	6 42	11 23			n.a.
W 7	6 25	19 18	4 19	2 48	0 1	14 55	4 31	26 24	2 45	15 13	1 1	23 12	0 30	0 8	0 43	17 31	0 53	26 35	2 53	6 3	6 41	11 20			n.a.
T 8	6 2	14 35	3 37	1 49	0n11	14 58	4 20	26 23	2 44	15 8	1 1	23 12	0 30	0 7	0 43	17 31	0 53	26 35	2 53	6 1	6 39	11 17			n.a.
F 9	5 39	9 20	2 47	0 51	0 22	15 0	4 10	26 22	2 42	15 4	1 1	23 12	0 30	0 6	0 43	17 32	0 53	26 35	2 53	5 59	6 38	11 13			n.a.
S 10	5 16	3 46	1 49	0n 7	0 34	15 2	4 1	26 21	2 41	14 59	1 1	23 12	0 30	0 5	0 43	17 32	0 53	26 35	2 53	5 58	6 37	11 10			n.a.
S 11	4 53	1n57	0 46	1 5	0 46	15 3	3 51	26 20	2 40	14 55	1 2	23 12	0 30	0 4	0 43	17 32	0 53	26 35	2 53	5 58	6 36	11 7			n.a.
M12	4 29	7 38	0n20	2 1	0 57	15 3	3 41	26 20	2 38	14 50	1 2	23 12	0 30	0 3	0 43	17 33	0 53	26 35	2 53	5 57	6 34	11 4			n.a.
T 13	4 6	13 7	1 25	2 56	1 9	15 4	3 31	26 19	2 37	14 46	1 2	23 12	0 30	0 2	0 43	17 33	0 53	26 35	2 53	5 58	6 33	11 1			n.a.
W14	3 43	18 11	2 27	3 49	1 20	15 3	3 22	26 18	2 36	14 42	1 2	23 12	0 30	0 1	0 43	17 34	0 53	26 35	2 53	5 58	6 32	10 57			n.a.
T 15	3 19	22 34	3 24	4 41	1 32	15 2	3 12	26 17	2 35	14 37	1 2	23 12	0 30	0 0	0 44	17 34	0 53	26 35	2 53	5 59	6 31	10 54			n.a.
F 16	2 56	26 1	4 12	5 31	1 42	15 0	3 3	26 15	2 33	14 33	1 2	23 12	0 30	0n 1	0 44	17 34	0 53	26 35	2 53	6 0	6 30	10 51			n.a.
S 17	2 32	28 11	4 48	6 18	1 53	14 58	2 54	26 14	2 32	14 28	1 2	23 12	0 30	0 2	0 44	17 35	0 53	26 35	2 53	6 0	6 28	10 48			n.a.
S 18	2 9	28 48	5 10	7 4	2 3	14 55	2 45	26 13	2 31	14 24	1 2	23 12	0 30	0 3	0 44	17 35	0 53	26 35	2 53	6 0	6 27	10 44			n.a.
M19	1 46	27 38	5 15	7 46	2 12	14 52	2 36	26 12	2 30	14 19	1 3	23 13	0 30	0 4	0 44	17 35	0 53	26 35	2 53	5 59	6 26	10 41			n.a.
T 20	1 22	24 39	5 1	8 27	2 21	14 48	2 27	26 11	2 29	14 15	1 3	23 13	0 30	0 5	0 44	17 36	0 53	26 35	2 53	5 58	6 25	10 38			n.a.
W21	0 59	20 2	4 27	9 4	2 29	14 44	2 19	26 9	2 27	14 10	1 3	23 13	0 30	0 6	0 44	17 36	0 53	26 35	2 53	5 58	6 23	10 35			n.a.
T 22	0 35	14 4	3 34	9 39	2 36	14 39	2 10	26 8	2 26	14 6	1 3	23 13	0 30	0 7	0 44	17 36	0 53	26 35	2 53	5 57	6 22	10 32			n.a.
F 23	0 12	7 13	2 26	10 11	2 42	14 33	2 2	26 6	2 25	14 2	1 3	23 13	0 29	0 8	0 44	17 37	0 53	26 35	2 53	5 56	6 21	10 28			n.a.
S 24	0n12	0s 3	1 7	10 40	2 48	14 27	1 53	26 5	2 24	13 57	1 3	23 13	0 29	0 9	0 43	17 37	0 53	26 35	2 53	5 56	6 20	10 25			n.a.
S 25	0 35	7 15	0s15	11 6	2 53	14 21	1 45	26 3	2 23	13 53	1 3	23 13	0 29	0 10	0 43	17 37	0 53	26 35	2 53	5 56	6 18	10 22			n.a.
M26	0 59	13 56	1 36	11 29	2 56	14 13	1 37	26 1	2 22	13 49	1 4	23 13	0 29	0 11	0 43	17 37	0 53	26 35	2 53	5 56	6 17	10 19			n.a.
T 27	1 22	19 42	2 48	11 48	2 59	14 6	1 29	25 59	2 20	13 44	1 4	23 13	0 29	0 12	0 43	17 38	0 53	26 35	2 53	5 56	6 16	10 15			n.a.
W28	1 45	24 13	3 47	12 5	3 1	13 57	1 22	25 57	2 19	13 40	1 4	23 13	0 29	0 13	0 43	17 38	0 53	26 35	2 53	5 57	6 15	10 12			n.a.
T 29	2 9	27 15	4 32	12 18	3 1	13 48	1 14	25 55	2 18	13 36	1 4	23 13	0 29	0 14	0 43	17 38	0 53	26 35	2 53	5 57	6 13	10 9			n.a.
F 30	2 32	28 42	5 2	12 29	3 0	13 39	1 7	25 53	2 17	13 31	1 4	23 13	0 29	0 15	0 43	17 39	0 53	26 35	2 53	5 57	6 12	10 6			n.a.
S 31	2n55	28s35	5s16	12n36	2n58	13s29	0n59	25n51	2n16	13s27	1s 4	23s13	0n29	0n16	0n43	17n39	0n53	26n35	2n53	5n57	6n11	10s 2			n.a.

Julian Day Number = 1705776.5, Delta T = 03h03m15s
Ecliptic obliquity = 23°42'10, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°39'16, Lahiri = - 4°32'16 Julian Calendar 1 March 43 BCE == Greg. Calendar 27 Feb. 043 BCE

The year -42 astronomical counting style corresponds to year 043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 43 BCE
geocentric

APRIL 43 BCE (-42) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 26 3	8♈15'19	22♉ 9	25♈26	22♒37	5♋51	27♒48	0♉44	0°R57	14°R 0	0♋45	14°R57	15♈29	11♓30	n.a.	S 1
M 2	12 29 59	9°13'27	4♒16	25°38	23°30	6°17	28° 0	0°45	0♎54	13♏59	0°46	14♈56	15°26	11°37	n.a.	M 2
T 3	12 33 56	10°11'32	16°12	25°45	24°24	6°44	28°13	0°46	0°52	13°59	0°46	14°55	15°23	11°43	n.a.	T 3
W 4	12 37 53	11° 9'36	28° 3	25°R46	25°19	7°11	28°25	0°47	0°49	13°58	0°47	14°55	15°20	11°50	n.a.	W 4
T 5	12 41 49	12° 7'39	9♓51	25°42	26°14	7°38	28°38	0°48	0°46	13°57	0°47	14°54	15°17	11°57	n.a.	T 5
F 6	12 45 46	13° 5'40	21°40	25°33	27° 9	8° 5	28°50	0°48	0°44	13°56	0°48	14°54	15°13	12° 4	n.a.	F 6
S 7	12 49 42	14° 3'39	3♈32	25°20	28° 5	8°32	29° 2	0°49	0°42	13°56	0°48	14°54	15°10	12°10	n.a.	S 7
S 8	12 53 39	15° 1'37	15°30	25° 2	29° 2	9° 0	29°14	0°50	0°39	13°55	0°49	14°54	15° 7	12°17	n.a.	S 8
M 9	12 57 35	15°59'33	27°36	24°40	29°59	9°28	29°27	0°50	0°37	13°55	0°49	14°54	15° 4	12°24	n.a.	M 9
T 10	13 1 32	16°57'27	9♉51	24°14	0♓56	9°56	29°39	0°50	0°34	13°54	0°50	14°54	15° 1	12°30	n.a.	T 10
W11	13 5 28	17°55'20	22°18	23°45	1°54	10°24	29°50	0°51	0°32	13°53	0°51	14°54	14°58	12°37	n.a.	W11
T 12	13 9 25	18°53'11	4♊57	23°14	2°52	10°53	0♓ 2	0°51	0°29	13°53	0°51	14°53	14°54	12°44	n.a.	T 12
F 13	13 13 22	19°51'00	17°51	22°40	3°51	11°21	0°14	0°R51	0°27	13°52	0°52	14°53	14°51	12°50	n.a.	F 13
S 14	13 17 18	20°48'47	1♋ 2	22° 6	4°50	11°50	0°26	0°51	0°25	13°52	0°53	14°52	14°48	12°57	n.a.	S 14
S 15	13 21 15	21°46'33	14°31	21°30	5°49	12°19	0°37	0°51	0°22	13°52	0°53	14°52	14°45	13° 4	n.a.	S 15
M16	13 25 11	22°44'17	28°18	20°54	6°49	12°48	0°49	0°50	0°20	13°51	0°54	14°D52	14°42	13°10	n.a.	M16
T 17	13 29 8	23°41'59	12♌25	20°19	7°49	13°17	1° 0	0°50	0°18	13°51	0°55	14°52	14°39	13°17	n.a.	T 17
W18	13 33 4	24°39'40	26°49	19°44	8°49	13°47	1°11	0°50	0°15	13°50	0°56	14°53	14°35	13°24	n.a.	W18
T 19	13 37 1	25°37'18	11♍27	19°11	9°49	14°16	1°23	0°49	0°13	13°50	0°56	14°54	14°32	13°30	n.a.	T 19
F 20	13 40 57	26°34'55	26°15	18°41	10°50	14°46	1°34	0°48	0°11	13°50	0°57	14°54	14°29	13°37	n.a.	F 20
S 21	13 44 54	27°32'30	11♎ 7	18°13	11°51	15°16	1°45	0°48	0° 9	13°50	0°58	14°R55	14°26	13°44	n.a.	S 21
S 22	13 48 51	28°30'04	25°54	17°48	12°53	15°46	1°56	0°47	0° 7	13°50	0°59	14°55	14°23	13°50	n.a.	S 22
M23	13 52 47	29°27'37	10♏31	17°27	13°55	16°16	2° 7	0°46	0° 5	13°49	1° 0	14°54	14°19	13°57	n.a.	M23
T 24	13 56 44	0♉25'09	24°49	17° 9	14°57	16°46	2°17	0°45	0° 2	13°49	1° 1	14°52	14°16	14° 3	n.a.	T 24
W25	14 0 40	1°22'39	8♐46	16°56	15°59	17°17	2°28	0°44	0° 0	13°49	1° 2	14°50	14°13	14°10	n.a.	W25
T 26	14 4 37	2°20'09	22°18	16°46	17° 2	17°47	2°38	0°43	29♏58	13°49	1° 3	14°48	14°10	14°17	n.a.	T 26
F 27	14 8 33	3°17'37	5♉25	16°41	18° 4	18°18	2°49	0°41	29°56	13°49	1° 4	14°46	14° 7	14°23	n.a.	F 27
S 28	14 12 30	4°15'05	18° 9	16°D41	19° 7	18°49	2°59	0°40	29°54	13°D49	1° 5	14°44	14° 4	14°30	n.a.	S 28
S 29	14 16 26	5°12'31	0♒33	16°45	20°11	19°20	3° 9	0°38	29°52	13°49	1° 6	14°D43	14° 0	14°37	n.a.	S 29
M30	14 20 23	6♉ 9'57	12♒41	16♈53	21♓14	19♋51	3♓19	0♉37	29♏51	13♏49	1♋ 7	14♈44	13♈57	14♓43	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n19	27s 2	5s15	12n39	2n55	13s18	0n52	25n49	2n15	13s23	1s 5	23s13	0n29	0n17	0n43	17n39	0n53	26n35	2n53	5n57	6n10	9s59		n.a.
M 2	3 42	24 15	4 59	12 40	2 51	13 7	0 45	25 47	2 14	13 19	1 5	23 13	0 29	0 18	0 43	17 39	0 53	26 35	2 53	5 57	6 9	9 56		n.a.
T 3	4 5	20 27	4 31	12 37	2 45	12 56	0 38	25 44	2 13	13 14	1 5	23 13	0 29	0 19	0 43	17 39	0 53	26 35	2 52	5 57	6 7	9 53		n.a.
W 4	4 28	15 54	3 52	12 31	2 38	12 44	0 32	25 42	2 12	13 10	1 5	23 13	0 29	0 20	0 43	17 40	0 53	26 35	2 52	5 56	6 6	9 49		n.a.
T 5	4 51	10 46	3 3	12 22	2 30	12 31	0 25	25 39	2 10	13 6	1 5	23 13	0 29	0 21	0 43	17 40	0 53	26 35	2 52	5 56	6 5	9 46		n.a.
F 6	5 14	5 15	2 5	12 10	2 21	12 18	0 19	25 36	2 9	13 2	1 5	23 13	0 29	0 22	0 43	17 40	0 53	26 34	2 52	5 56	6 4	9 43		n.a.
S 7	5 36	0n28	1 3	11 55	2 11	12 5	0 12	25 34	2 8	12 58	1 6	23 13	0 29	0 23	0 43	17 40	0 53	26 34	2 52	5 56	6 2	9 40		n.a.
S 8	5 59	6 13	0n 3	11 38	1 59	11 51	0 6	25 31	2 7	12 53	1 6	23 13	0 29	0 24	0 43	17 40	0 53	26 34	2 52	5 56	6 1	9 36		n.a.
M 9	6 22	11 49	1 10	11 18	1 46	11 36	0 0	25 28	2 6	12 49	1 6	23 13	0 29	0 25	0 43	17 41	0 53	26 34	2 52	5 56	6 0	9 33		n.a.
T 10	6 44	17 3	2 14	10 56	1 32	11 21	0s 6	25 24	2 5	12 45	1 6	23 13	0 29	0 26	0 43	17 41	0 53	26 34	2 52	5 56	5 59	9 30		n.a.
W11	7 6	21 39	3 13	10 31	1 18	11 6	0 12	25 21	2 4	12 41	1 6	23 13	0 29	0 27	0 43	17 41	0 53	26 34	2 52	5 56	5 57	9 26		n.a.
T 12	7 29	25 21	4 4	10 5	1 2	10 50	0 17	25 18	2 3	12 37	1 7	23 13	0 29	0 28	0 43	17 41	0 53	26 34	2 52	5 56	5 56	9 23		n.a.
F 13	7 51	27 50	4 43	9 38	0 46	10 33	0 23	25 14	2 2	12 33	1 7	23 13	0 29	0 29	0 43	17 41	0 53	26 34	2 52	5 55	5 55	9 20		n.a.
S 14	8 13	28 50	5 8	9 9	0 29	10 17	0 28	25 11	2 1	12 29	1 7	23 13	0 29	0 30	0 43	17 41	0 53	26 34	2 52	5 55	5 54	9 17		n.a.
S 15	8 35	28 9	5 17	8 40	0 12	10 0	0 33	25 7	2 0	12 25	1 7	23 13	0 29	0 31	0 43	17 41	0 53	26 34	2 52	5 55	5 52	9 13		n.a.
M16	8 56	25 45	5 9	8 10	0s 5	9 42	0 38	25 3	1 59	12 21	1 7	23 13	0 29	0 32	0 43	17 41	0 53	26 34	2 52	5 55	5 51	9 10		n.a.
T 17	9 18	21 45	4 41	7 41	0 22	9 24	0 43	24 59	1 58	12 17	1 8	23 13	0 29	0 32	0 43	17 42	0 53	26 34	2 52	5 55	5 50	9 7		n.a.
W18	9 39	16 24	3 56	7 12	0 39	9 6	0 48	24 55	1 57	12 13	1 8	23 13	0 29	0 33	0 43	17 42	0 53	26 34	2 52	5 56	5 49	9 3		n.a.
T 19	10 1	10 2	2 55	6 44	0 56	8 47	0 53	24 51	1 56	12 10	1 8	23 13	0 29	0 34	0 43	17 42	0 53	26 34	2 52	5 56	5 47	9 0		n.a.
F 20	10 22	3 3	1 42	6 17	1 12	8 28	0 57	24 47	1 55	12 6	1 8	23 13	0 29	0 35	0 43	17 42	0 53	26 34	2 52	5 56	5 46	8 57		n.a.
S 21	10 43	4s 7	0 21	5 52	1 28	8 8	1 2	24 43	1 54	12 2	1 8	23 14	0 28	0 36	0 43	17 42	0 53	26 34	2 52	5 56	5 45	8 54		n.a.
S 22	11 4	11 3	1s 1	5 29	1 43	7 48	1 6	24 38	1 53	11 58	1 9	23 14	0 28	0 37	0 43	17 42	0 53	26 34	2 52	5 56	5 44	8 50		n.a.
M23	11 24	17 18	2 17	5 7	1 57	7 28	1 10	24 33	1 52	11 55	1 9	23 14	0 28	0 38	0 43	17 42	0 53	26 34	2 52	5 56	5 42	8 47		n.a.
T 24	11 45	22 28	3 23	4 48	2 11	7 8	1 14	24 29	1 51	11 51	1 9	23 14	0 28	0 38	0 43	17 42	0 53	26 34	2 52	5 55	5 41	8 44		n.a.
W25	12 5	26 13	4 16	4 31	2 23	6 47	1 18	24 24	1 50	11 47	1 9	23 14	0 28	0 39	0 43	17 42	0 53	26 34	2 52	5 55	5 40	8 40		n.a.
T 26	12 25	28 20	4 52	4 17	2 35	6 26	1 21	24 19	1 50	11 44	1 10	23 14	0 28	0 40	0 43	17 42	0 52	26 34	2 52	5 54	5 39	8 37		n.a.
F 27	12 45	28 47	5 11	4 5	2 45	6 4	1 25	24 14	1 49	11 40	1 10	23 14	0 28	0 41	0 43	17 42	0 52	26 34	2 52	5 53	5 37	8 34		n.a.
S 28	13 5	27 39	5 15	3 56	2 55	5 42	1 28	24 8	1 48	11 36	1 10	23 14	0 28	0 42	0 43	17 42	0 52	26 34	2 52	5 52	5 36	8 30		n.a.
S 29	13 24	25 11	5 4	3 50	3 3	5 20	1 32	24 3	1 47	11 33	1 10	23 14	0 28	0 42	0 43	17 42	0 52	26 34	2 52	5 52	5 35	8 27		n.a.
M30	13n43	21s38	4s39	3n47	3s10	4s58	1s35	23n58	1n46	11s29	1s10	23s14	0n28	0n43	0n43	17n42	0n52	26n34	2n52	5n52	5n34	8s24		n.a.

Julian Day Number = 1705807.5, Delta T = 03h03m14s
Ecliptic obliquity = 23°42'10, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°39'12, Lahiri = - 4°32'12 Julian Calendar 1 Apr. 43 BCE == Greg. Calendar 30 March 043 BCE

The year -42 astronomical counting style corresponds to year 043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 43 BCE
geocentric

MAY 43 BCE (-42) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 24 20	7♉ 7'22	24♒38	17♈ 6	22♓18	20♋23	3♓29	0°R35	29°R49	13♌49	1♋ 8	14♈44	13♈54	14♓50	n.a.	T 1
W 2	14 28 16	8° 4'46	6♓28	17°23	23°22	20°54	3°39	0♉33	29♍47	13°49	1° 9	14°46	13°51	14°57	n.a.	W 2
T 3	14 32 13	9° 2'09	18°17	17°45	24°26	21°26	3°49	0°32	29°45	13°49	1°10	14°48	13°48	15° 3	n.a.	T 3
F 4	14 36 9	9°59'32	0♈ 7	18°11	25°30	21°57	3°59	0°30	29°43	13°50	1°11	14°49	13°44	15°10	n.a.	F 4
S 5	14 40 6	10°56'53	12° 5	18°42	26°35	22°29	4° 8	0°28	29°42	13°50	1°12	14°R50	13°41	15°17	n.a.	S 5
S 6	14 44 2	11°54'14	24°11	19°16	27°40	23° 1	4°18	0°26	29°40	13°50	1°13	14°49	13°38	15°23	n.a.	S 6
M 7	14 47 59	12°51'34	6♉29	19°55	28°45	23°33	4°27	0°23	29°38	13°50	1°14	14°48	13°35	15°30	n.a.	M 7
T 8	14 51 55	13°48'54	19° 1	20°38	29°50	24° 5	4°36	0°21	29°37	13°51	1°16	14°45	13°32	15°37	n.a.	T 8
W 9	14 55 52	14°46'12	1♊46	21°24	0♈55	24°37	4°45	0°19	29°35	13°51	1°17	14°41	13°29	15°43	n.a.	W 9
T 10	14 59 49	15°43'30	14°46	22°14	2° 0	25°10	4°54	0°16	29°34	13°51	1°18	14°36	13°25	15°50	n.a.	T 10
F 11	15 3 45	16°40'46	28° 0	23° 8	3° 6	25°42	5° 3	0°14	29°32	13°52	1°19	14°31	13°22	15°57	n.a.	F 11
S 12	15 7 42	17°38'02	11♋27	24° 6	4°12	26°15	5°11	0°11	29°31	13°52	1°21	14°26	13°19	16° 3	n.a.	S 12
S 13	15 11 38	18°35'17	25° 6	25° 7	5°18	26°48	5°20	0° 9	29°29	13°53	1°22	14°23	13°16	16°10	n.a.	S 13
M14	15 15 35	19°32'31	8♌58	26°11	6°24	27°21	5°28	0° 6	29°28	13°53	1°23	14°21	13°13	16°17	n.a.	M14
T 15	15 19 31	20°29'44	23° 0	27°19	7°30	27°54	5°37	0° 3	29°27	13°54	1°24	14°D21	13°10	16°23	n.a.	T 15
W16	15 23 28	21°26'56	7♍11	28°30	8°36	28°27	5°45	0° 0	29°25	13°54	1°26	14°22	13° 6	16°30	n.a.	W16
T 17	15 27 24	22°24'07	21°30	29°45	9°43	29° 0	5°53	29♐57	29°24	13°55	1°27	14°23	13° 3	16°37	n.a.	T 17
F 18	15 31 21	23°21'17	5♎55	1♉ 3	10°49	29°33	6° 1	29°54	29°23	13°56	1°28	14°24	13° 0	16°43	n.a.	F 18
S 19	15 35 18	24°18'26	20°21	2°24	11°56	0♌ 7	6° 8	29°51	29°22	13°56	1°30	14°R24	12°57	16°50	n.a.	S 19
S 20	15 39 14	25°15'35	4♏45	3°48	13° 3	0°40	6°16	29°48	29°21	13°57	1°31	14°23	12°54	16°57	n.a.	S 20
M21	15 43 11	26°12'43	19° 2	5°15	14°10	1°14	6°23	29°44	29°20	13°58	1°33	14°19	12°50	17° 3	n.a.	M21
T 22	15 47 7	27° 9'51	3♐ 6	6°45	15°17	1°47	6°30	29°41	29°19	13°59	1°34	14°14	12°47	17°10	n.a.	T 22
W23	15 51 4	28° 6'59	16°54	8°19	16°24	2°21	6°38	29°38	29°18	13°59	1°35	14° 7	12°44	17°17	n.a.	W23
T 24	15 55 0	29° 4'06	0♑21	9°56	17°32	2°55	6°45	29°34	29°17	14° 0	1°37	14° 0	12°41	17°23	n.a.	T 24
F 25	15 58 57	0♊ 1'13	13°26	11°35	18°39	3°29	6°51	29°31	29°16	14° 1	1°38	13°53	12°38	17°30	n.a.	F 25
S 26	16 2 54	0°58'20	26°10	13°18	19°47	4° 3	6°58	29°27	29°15	14° 2	1°40	13°47	12°35	17°37	n.a.	S 26
S 27	16 6 50	1°55'27	8♒35	15° 3	20°55	4°37	7° 5	29°24	29°15	14° 3	1°41	13°42	12°31	17°43	n.a.	S 27
M28	16 10 47	2°52'34	20°44	16°52	22° 3	5°12	7°11	29°20	29°14	14° 4	1°43	13°39	12°28	17°50	n.a.	M28
T 29	16 14 43	3°49'41	2♓41	18°43	23°11	5°46	7°17	29°16	29°13	14° 5	1°44	13°D39	12°25	17°57	n.a.	T 29
W30	16 18 40	4°46'48	14°32	20°37	24°19	6°20	7°23	29°12	29°13	14° 6	1°46	13°39	12°22	18° 3	n.a.	W30
T 31	16 22 36	5♊43'56	26♓21	22♉33	25♈27	6♌55	7♓29	29♐ 9	29♍12	14♌ 7	1♋47	13♈40	12♈19	18♓10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	14n 2	17s15	4s 2	3n46	3s17	4s35	1s38	23n52	1n45	11s26	1s11	23s14	0n28	0n44	0n43	17n42	0n52	26n34	2n52	5n52	5n33	8s20			n.a.
W 2	14 21	12 16	3 16	3 48	3 22	4 12	1 41	23 46	1 44	11 23	1 11	23 14	0 28	0 44	0 43	17 42	0 52	26 34	2 53	5 53	5 31	8 17			n.a.
T 3	14 40	6 51	2 21	3 52	3 26	3 49	1 44	23 40	1 43	11 19	1 11	23 14	0 28	0 45	0 43	17 42	0 52	26 34	2 53	5 53	5 30	8 14			n.a.
F 4	14 58	1 10	1 20	3 59	3 30	3 26	1 46	23 34	1 42	11 16	1 11	23 14	0 28	0 46	0 43	17 42	0 52	26 34	2 53	5 54	5 29	8 11			n.a.
S 5	15 17	4n36	0 15	4 8	3 32	3 2	1 49	23 28	1 41	11 13	1 12	23 14	0 28	0 47	0 43	17 41	0 52	26 34	2 53	5 54	5 28	8 7			n.a.
S 6	15 34	10 16	0n51	4 20	3 33	2 38	1 51	23 22	1 40	11 9	1 12	23 14	0 28	0 47	0 43	17 41	0 52	26 34	2 53	5 54	5 26	8 4			n.a.
M 7	15 52	15 39	1 56	4 34	3 34	2 14	1 54	23 15	1 39	11 6	1 12	23 14	0 28	0 48	0 43	17 41	0 52	26 34	2 53	5 54	5 25	8 1			n.a.
T 8	16 10	20 29	2 56	4 51	3 34	1 50	1 56	23 9	1 39	11 3	1 12	23 14	0 28	0 48	0 43	17 41	0 52	26 34	2 53	5 52	5 24	7 57			n.a.
W 9	16 27	24 29	3 49	5 9	3 32	1 26	1 58	23 2	1 38	11 0	1 13	23 14	0 28	0 49	0 43	17 41	0 52	26 34	2 53	5 51	5 23	7 54			n.a.
T 10	16 44	27 18	4 31	5 30	3 30	1 1	2 0	22 55	1 37	10 57	1 13	23 15	0 28	0 50	0 43	17 41	0 52	26 34	2 53	5 49	5 21	7 51			n.a.
F 11	17 0	28 40	4 59	5 53	3 28	0 37	2 2	22 48	1 36	10 54	1 13	23 15	0 28	0 50	0 43	17 41	0 52	26 34	2 53	5 47	5 20	7 47			n.a.
S 12	17 17	28 22	5 11	6 17	3 24	0 12	2 3	22 41	1 35	10 51	1 13	23 15	0 28	0 51	0 42	17 41	0 52	26 34	2 53	5 45	5 19	7 44			n.a.
S 13	17 33	26 22	5 6	6 44	3 20	0n13	2 5	22 34	1 34	10 48	1 14	23 15	0 27	0 51	0 42	17 40	0 52	26 34	2 53	5 44	5 18	7 40			n.a.
M14	17 49	22 46	4 44	7 12	3 15	0 38	2 6	22 27	1 33	10 45	1 14	23 15	0 27	0 52	0 42	17 40	0 52	26 34	2 53	5 43	5 16	7 37			n.a.
T 15	18 4	17 50	4 4	7 42	3 9	1 3	2 8	22 19	1 32	10 42	1 14	23 15	0 27	0 52	0 42	17 40	0 52	26 34	2 53	5 43	5 15	7 34			n.a.
W16	18 19	11 53	3 9	8 13	3 3	1 29	2 9	22 12	1 32	10 39	1 14	23 15	0 27	0 53	0 42	17 40	0 52	26 34	2 53	5 43	5 14	7 30			n.a.
T 17	18 34	5 16	2 1	8 46	2 56	1 54	2 10	22 4	1 31	10 37	1 15	23 15	0 27	0 53	0 42	17 40	0 52	26 34	2 53	5 44	5 13	7 27			n.a.
F 18	18 49	1s40	0 46	9 20	2 48	2 19	2 11	21 56	1 30	10 34	1 15	23 15	0 27	0 54	0 42	17 40	0 52	26 34	2 53	5 44	5 11	7 24			n.a.
S 19	19 3	8 32	0s32	9 56	2 40	2 45	2 12	21 48	1 29	10 31	1 15	23 15	0 27	0 54	0 42	17 39	0 52	26 34	2 53	5 44	5 10	7 20			n.a.
S 20	19 17	14 57	1 48	10 33	2 32	3 10	2 13	21 40	1 28	10 29	1 16	23 15	0 27	0 54	0 42	17 39	0 52	26 34	2 53	5 44	5 9	7 17			n.a.
M21	19 31	20 30	2 57	11 11	2 23	3 36	2 13	21 32	1 27	10 26	1 16	23 15	0 27	0 55	0 42	17 39	0 52	26 34	2 53	5 42	5 8	7 14			n.a.
T 22	19 44	24 49	3 53	11 49	2 13	4 2	2 14	21 23	1 27	10 24	1 16	23 15	0 27	0 55	0 42	17 39	0 52	26 34	2 53	5 40	5 6	7 10			n.a.
W23	19 57	27 36	4 35	12 29	2 3	4 27	2 14	21 15	1 26	10 21	1 16	23 15	0 27	0 55	0 42	17 38	0 52	26 34	2 53	5 38	5 5	7 7			n.a.
T 24	20 10	28 42	5 0	13 10	1 53	4 53	2 15	21 6	1 25	10 19	1 17	23 15	0 27	0 56	0 42	17 38	0 52	26 34	2 53	5 35	5 4	7 4			n.a.
F 25	20 23	28 8	5 8	13 51	1 42	5 19	2 15	20 57	1 24	10 17	1 17	23 15	0 27	0 56	0 42	17 38	0 52	26 34	2 53	5 32	5 3	7 0			n.a.
S 26	20 35	26 4	5 1	14 33	1 32	5 44	2 15	20 48	1 23	10 15	1 17	23 15	0 27	0 56	0 42	17 38	0 52	26 34	2 53	5 30	5 1	6 57			n.a.
S 27	20 46	22 49	4 40	15 15	1 20	6 10	2 15	20 39	1 22	10 12	1 18	23 15	0 27	0 57	0 42	17 37	0 52	26 34	2 53	5 28	5 0	6 53			n.a.
M28	20 58	18 38	4 7	15 57	1 9	6 35	2 15	20 30	1 22	10 10	1 18	23 15	0 27	0 57	0 42	17 37	0 52	26 34	2 53	5 27	4 59	6 50			n.a.
T 29	21 9	13 46	3 23	16 40	0 58	7 1	2 15	20 20	1 21	10 8	1 18	23 16	0 27	0 57	0 42	17 37	0 52	26 34	2 53	5 26	4 58	6 47			n.a.
W30	21 20	8 28	2 31	17 22	0 46	7 26	2 15	20 11	1 20	10 6	1 18	23 16	0 26	0 57	0 42	17 36	0 52	26 34	2 53	5 27	4 56	6 43			n.a.
T 31	21n30	2s52	1s32	18n 3	0s34	7n52	2s14	20n 1	1n19	10s 4	1s19	23s16	0n26	0n57	0n42	17n36	0n52	26n35	2n53	5n27	4n55	6s40			n.a.

Julian Day Number = 1705837.5, Delta T = 03h03m14s
Ecliptic obliquity = 23°42'10, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°39'08, Lahiri = - 4°32'08 Julian Calendar 1 May 43 BCE == Greg. Calendar 29 Apr. 043 BCE

The year -42 astronomical counting style corresponds to year 043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 43 BCE
geocentric

JUNE 43 BCE (-42) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 26 33	6♊41'03	8♈14	24♉32	26♈35	7♎30	7♓35	29°R 5	29°R12	14♎ 8	1♋49	13°R41	12♈16	18♓17	n.a.	F 1
S 2	16 30 29	7°38'10	20°15	26°33	27°44	8° 4	7°40	29♐ 1	29♍11	14° 9	1°50	13♈41	12°12	18°23	n.a.	S 2
S 3	16 34 26	8°35'18	2♉29	28°36	28°52	8°39	7°46	28°57	29°11	14°10	1°52	13°39	12° 9	18°30	n.a.	S 3
M 4	16 38 23	9°32'26	14°59	0♊40	0♉ 1	9°14	7°51	28°53	29°11	14°11	1°53	13°35	12° 6	18°37	n.a.	M 4
T 5	16 42 19	10°29'34	27°47	2°47	1°10	9°49	7°56	28°49	29°10	14°12	1°55	13°29	12° 3	18°43	n.a.	T 5
W 6	16 46 16	11°26'43	10♊53	4°54	2°18	10°24	8° 1	28°45	29°10	14°14	1°57	13°21	12° 0	18°50	n.a.	W 6
T 7	16 50 12	12°23'51	24°16	7° 3	3°27	10°59	8° 6	28°41	29°10	14°15	1°58	13°11	11°56	18°57	n.a.	T 7
F 8	16 54 9	13°21'00	7♋55	9°12	4°36	11°35	8°10	28°36	29°10	14°16	2° 0	13° 1	11°53	19° 3	n.a.	F 8
S 9	16 58 5	14°18'09	21°46	11°22	5°45	12°10	8°15	28°32	29°10	14°17	2° 1	12°52	11°50	19°10	n.a.	S 9
S 10	17 2 2	15°15'18	5♎45	13°31	6°54	12°45	8°19	28°28	29°D10	14°19	2° 3	12°45	11°47	19°17	n.a.	S 10
M11	17 5 58	16°12'26	19°50	15°41	8° 4	13°21	8°23	28°24	29°10	14°20	2° 5	12°40	11°44	19°23	n.a.	M11
T 12	17 9 55	17° 9'35	3♍58	17°50	9°13	13°57	8°27	28°19	29°10	14°21	2° 6	12°38	11°41	19°30	n.a.	T 12
W13	17 13 52	18° 6'44	18° 7	19°59	10°22	14°32	8°30	28°15	29°10	14°23	2° 8	12°D37	11°37	19°37	n.a.	W13
T 14	17 17 48	19° 3'52	2♏15	22° 6	11°32	15° 8	8°34	28°11	29°10	14°24	2° 9	12°37	11°34	19°43	n.a.	T 14
F 15	17 21 45	20° 1'01	16°22	24°13	12°42	15°44	8°37	28° 6	29°10	14°26	2°11	12°R37	11°31	19°50	n.a.	F 15
S 16	17 25 41	20°58'10	0♏26	26°18	13°51	16°20	8°40	28° 2	29°11	14°27	2°13	12°36	11°28	19°57	n.a.	S 16
S 17	17 29 38	21°55'19	14°25	28°22	15° 1	16°56	8°43	27°58	29°11	14°29	2°14	12°33	11°25	20° 3	n.a.	S 17
M18	17 33 34	22°52'28	28°16	0♋25	16°11	17°32	8°46	27°53	29°11	14°30	2°16	12°27	11°22	20°10	n.a.	M18
T 19	17 37 31	23°49'38	11♐58	2°26	17°21	18° 8	8°48	27°49	29°12	14°32	2°18	12°18	11°18	20°16	n.a.	T 19
W20	17 41 28	24°46'49	25°26	4°26	18°31	18°44	8°51	27°44	29°12	14°33	2°19	12° 8	11°15	20°23	n.a.	W20
T 21	17 45 24	25°44'00	8♑39	6°24	19°41	19°21	8°53	27°40	29°13	14°35	2°21	11°56	11°12	20°30	n.a.	T 21
F 22	17 49 21	26°41'12	21°35	8°20	20°51	19°57	8°55	27°36	29°13	14°36	2°23	11°44	11° 9	20°36	n.a.	F 22
S 23	17 53 17	27°38'24	4♒12	10°14	22° 1	20°33	8°57	27°31	29°14	14°38	2°24	11°34	11° 6	20°43	n.a.	S 23
S 24	17 57 14	28°35'37	16°33	12° 7	23°12	21°10	8°58	27°27	29°15	14°40	2°26	11°25	11° 2	20°50	n.a.	S 24
M25	18 1 10	29°32'52	28°40	13°58	24°22	21°47	9° 0	27°22	29°16	14°41	2°28	11°19	10°59	20°56	n.a.	M25
T 26	18 5 7	0♋30'07	10♓36	15°47	25°32	22°23	9° 1	27°18	29°16	14°43	2°29	11°16	10°56	21° 3	n.a.	T 26
W27	18 9 3	1°27'23	22°26	17°35	26°43	23° 0	9° 2	27°13	29°17	14°45	2°31	11°14	10°53	21°10	n.a.	W27
T 28	18 13 0	2°24'40	4♈15	19°21	27°54	23°37	9° 3	27° 9	29°18	14°47	2°33	11°14	10°50	21°16	n.a.	T 28
F 29	18 16 57	3°21'58	16° 8	21° 5	29° 4	24°14	9° 3	27° 5	29°19	14°48	2°34	11°14	10°47	21°23	n.a.	F 29
S 30	18 20 53	4♋19'18	28♈12	22♋47	0♊15	24♎51	9♓ 4	27♐ 0	29♍20	14♎50	2♋36	11♈13	10♈43	21♓30	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n40	2n51	0s29	18n44	0s23	8n17	2s14	19n52	1n18	10s 2	1s19	23s16	0n26	0n58	0n42	17n36	0n52	26n35	2n53	5n27	4n54	6s37		n.a.
S 2	21 49	8 33	0n35	19 25	0 11	8 42	2 13	19 42	1 18	10 1	1 19	23 16	0 26	0 58	0 42	17 35	0 52	26 35	2 53	5 27	4 53	6 33		n.a.
S 3	21 59	14 1	1 39	20 4	0 0	9 7	2 13	19 32	1 17	9 59	1 20	23 16	0 26	0 58	0 42	17 35	0 52	26 35	2 53	5 27	4 51	6 30		n.a.
M 4	22 8	19 3	2 40	20 41	0n11	9 32	2 12	19 22	1 16	9 57	1 20	23 16	0 26	0 58	0 42	17 35	0 52	26 35	2 53	5 25	4 50	6 26		n.a.
T 5	22 16	23 21	3 33	21 18	0 21	9 57	2 11	19 11	1 15	9 56	1 20	23 16	0 26	0 58	0 42	17 34	0 52	26 35	2 53	5 23	4 49	6 23		n.a.
W 6	22 24	26 34	4 17	21 52	0 32	10 22	2 10	19 1	1 14	9 54	1 21	23 16	0 26	0 58	0 42	17 34	0 52	26 35	2 53	5 19	4 48	6 20		n.a.
T 7	22 32	28 22	4 48	22 24	0 42	10 47	2 9	18 51	1 14	9 52	1 21	23 16	0 26	0 58	0 41	17 34	0 52	26 35	2 53	5 16	4 46	6 16		n.a.
F 8	22 39	28 30	5 3	22 55	0 51	11 11	2 8	18 40	1 13	9 51	1 21	23 16	0 26	0 58	0 41	17 33	0 52	26 35	2 53	5 12	4 45	6 13		n.a.
S 9	22 46	26 52	5 0	23 22	1 0	11 35	2 7	18 29	1 12	9 50	1 22	23 16	0 26	0 58	0 41	17 33	0 52	26 35	2 53	5 8	4 44	6 10		n.a.
S 10	22 53	23 34	4 40	23 48	1 8	11 59	2 6	18 18	1 11	9 48	1 22	23 16	0 26	0 58	0 41	17 32	0 52	26 35	2 54	5 5	4 43	6 6		n.a.
M11	22 59	18 52	4 3	24 10	1 15	12 23	2 5	18 7	1 10	9 47	1 22	23 16	0 26	0 58	0 41	17 32	0 52	26 35	2 54	5 3	4 41	6 3		n.a.
T 12	23 5	13 7	3 11	24 30	1 22	12 47	2 3	17 56	1 10	9 46	1 23	23 16	0 25	0 58	0 41	17 32	0 52	26 35	2 54	5 2	4 40	5 59		n.a.
W13	23 10	6 41	2 7	24 47	1 28	13 10	2 2	17 45	1 9	9 45	1 23	23 16	0 25	0 58	0 41	17 31	0 52	26 35	2 54	5 2	4 39	5 56		n.a.
T 14	23 15	0s 4	0 55	25 1	1 34	13 33	2 0	17 33	1 8	9 44	1 23	23 16	0 25	0 58	0 41	17 31	0 52	26 35	2 54	5 2	4 37	5 53		n.a.
F 15	23 19	6 49	0s20	25 13	1 38	13 56	1 59	17 22	1 7	9 43	1 23	23 16	0 25	0 58	0 41	17 30	0 52	26 35	2 54	5 2	4 36	5 49		n.a.
S 16	23 23	13 12	1 33	25 21	1 42	14 19	1 57	17 10	1 6	9 42	1 24	23 16	0 25	0 58	0 41	17 30	0 52	26 35	2 54	5 2	4 35	5 46		n.a.
S 17	23 27	18 53	2 40	25 27	1 46	14 41	1 55	16 59	1 6	9 41	1 24	23 16	0 25	0 57	0 41	17 29	0 52	26 35	2 54	5 1	4 34	5 42		n.a.
M18	23 30	23 31	3 37	25 30	1 48	15 3	1 53	16 47	1 5	9 41	1 24	23 16	0 25	0 57	0 41	17 29	0 52	26 35	2 54	4 58	4 32	5 39		n.a.
T 19	23 33	26 47	4 21	25 31	1 50	15 25	1 52	16 35	1 4	9 40	1 25	23 16	0 25	0 57	0 41	17 29	0 52	26 35	2 54	4 55	4 31	5 36		n.a.
W20	23 36	28 26	4 49	25 29	1 51	15 46	1 50	16 23	1 3	9 39	1 25	23 16	0 25	0 57	0 41	17 28	0 52	26 35	2 54	4 51	4 30	5 32		n.a.
T 21	23 38	28 25	5 1	25 25	1 52	16 7	1 48	16 10	1 3	9 39	1 25	23 16	0 25	0 56	0 41	17 28	0 52	26 35	2 54	4 46	4 29	5 29		n.a.
F 22	23 40	26 50	4 57	25 18	1 52	16 28	1 46	15 58	1 2	9 38	1 26	23 16	0 25	0 56	0 41	17 27	0 52	26 35	2 54	4 41	4 27	5 25		n.a.
S 23	23 41	23 55	4 39	25 9	1 51	16 48	1 44	15 46	1 1	9 38	1 26	23 16	0 25	0 56	0 41	17 27	0 52	26 35	2 54	4 37	4 26	5 22		n.a.
S 24	23 42	19 58	4 7	24 58	1 50	17 8	1 41	15 33	1 0	9 38	1 26	23 16	0 24	0 55	0 41	17 26	0 52	26 35	2 54	4 34	4 25	5 18		n.a.
M25	23 42	15 16	3 25	24 45	1 48	17 28	1 39	15 20	1 0	9 37	1 27	23 16	0 24	0 55	0 41	17 26	0 52	26 35	2 54	4 32	4 24	5 15		n.a.
T 26	23 42	10 3	2 35	24 30	1 45	17 47	1 37	15 8	0 59	9 37	1 27	23 16	0 24	0 55	0 41	17 25	0 52	26 35	2 54	4 30	4 22	5 12		n.a.
W27	23 42	4 32	1 38	24 13	1 42	18 6	1 35	14 55	0 58	9 37	1 27	23 16	0 24	0 54	0 41	17 25	0 52	26 35	2 54	4 30	4 21	5 8		n.a.
T 28	23 41	1n 9	0 37	23 55	1 39	18 25	1 32	14 42	0 57	9 37	1 28	23 16	0 24	0 54	0 41	17 24	0 52	26 35	2 55	4 30	4 20	5 5		n.a.
F 29	23 40	6 49	0n26	23 35	1 35	18 43	1 30	14 29	0 57	9 37	1 28	23 16	0 24	0 54	0 41	17 23	0 52	26 35	2 55	4 30	4 19	5 1		n.a.
S 30	23n38	12n20	1n29	23n14	1n30	19n 0	1s27	14n15	0n56	9s37	1s28	23s16	0n24	0n53	0n41	17n23	0n52	26n35	2n55	4n29	4n17	4s58		n.a.

Julian Day Number = 1705868.5, Delta T = 03h03m13s
Ecliptic obliquity = 23°42'09, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°39'04, Lahiri = - 4°32'03 Julian Calendar 1 June 43 BCE == Greg. Calendar 30 May 043 BCE

The year -42 astronomical counting style corresponds to year 043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 43 BCE
geocentric

JULY 43 BCE (-42) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 24 50	5♋16'38	10♉30	24♋28	1♊26	25♌28	9♓ 4	26°R56	29♍21	14♌52	2♋38	11°R11	10♈40	21♓36	n.a.	S 1
M 2	18 28 46	6°14'00	23° 7	26° 7	2°37	26° 5	9°R 4	26♐51	29°22	14°54	2°39	11♈ 6	10°37	21°43	n.a.	M 2
T 3	18 32 43	7°11'23	6♊ 6	27°44	3°48	26°42	9° 4	26°47	29°24	14°56	2°41	10°58	10°34	21°50	n.a.	T 3
W 4	18 36 39	8° 8'47	19°28	29°20	4°59	27°20	9° 3	26°43	29°25	14°57	2°43	10°48	10°31	21°56	n.a.	W 4
T 5	18 40 36	9° 6'12	3♋12	0♌54	6°10	27°57	9° 3	26°39	29°26	14°59	2°44	10°36	10°28	22° 3	n.a.	T 5
F 6	18 44 32	10° 3'39	17°14	2°26	7°21	28°35	9° 2	26°34	29°27	15° 1	2°46	10°24	10°24	22°10	n.a.	F 6
S 7	18 48 29	11° 1'06	1♌31	3°57	8°32	29°12	9° 1	26°30	29°29	15° 3	2°48	10°13	10°21	22°16	n.a.	S 7
S 8	18 52 26	11°58'35	15°56	5°25	9°44	29°50	9° 0	26°26	29°30	15° 5	2°49	10° 4	10°18	22°23	n.a.	S 8
M 9	18 56 22	12°56'04	0♍23	6°52	10°55	0♍28	8°59	26°22	29°32	15° 7	2°51	9°58	10°15	22°30	n.a.	M 9
T 10	19 0 19	13°53'34	14°47	8°18	12° 7	1° 5	8°57	26°18	29°33	15° 9	2°53	9°54	10°12	22°36	n.a.	T 10
W11	19 4 15	14°51'05	29° 4	9°41	13°18	1°43	8°55	26°13	29°35	15°11	2°54	9°53	10° 8	22°43	n.a.	W11
T 12	19 8 12	15°48'37	13♎13	11° 3	14°30	2°21	8°53	26° 9	29°36	15°13	2°56	9°53	10° 5	22°50	n.a.	T 12
F 13	19 12 8	16°46'10	27°12	12°22	15°41	2°59	8°51	26° 5	29°38	15°15	2°58	9°53	10° 2	22°56	n.a.	F 13
S 14	19 16 5	17°43'44	11♏ 1	13°40	16°53	3°37	8°49	26° 1	29°40	15°17	2°59	9°51	9°59	23° 3	n.a.	S 14
S 15	19 20 1	18°41'19	24°40	14°56	18° 5	4°15	8°46	25°58	29°42	15°19	3° 1	9°47	9°56	23°10	n.a.	S 15
M16	19 23 58	19°38'56	8♐ 9	16°10	19°17	4°53	8°44	25°54	29°43	15°21	3° 2	9°41	9°53	23°16	n.a.	M16
T 17	19 27 55	20°36'33	21°27	17°22	20°29	5°32	8°41	25°50	29°45	15°23	3° 4	9°32	9°49	23°23	n.a.	T 17
W18	19 31 51	21°34'12	4♑33	18°32	21°41	6°10	8°38	25°46	29°47	15°25	3° 6	9°20	9°46	23°29	n.a.	W18
T 19	19 35 48	22°31'52	17°26	19°39	22°53	6°49	8°34	25°42	29°49	15°27	3° 7	9° 8	9°43	23°36	n.a.	T 19
F 20	19 39 44	23°29'33	0♒ 6	20°44	24° 5	7°27	8°31	25°39	29°51	15°29	3° 9	8°56	9°40	23°43	n.a.	F 20
S 21	19 43 41	24°27'16	12°32	21°47	25°17	8° 6	8°27	25°35	29°53	15°31	3°10	8°44	9°37	23°49	n.a.	S 21
S 22	19 47 37	25°25'00	24°45	22°47	26°29	8°44	8°23	25°32	29°55	15°33	3°12	8°35	9°34	23°56	n.a.	S 22
M23	19 51 34	26°22'46	6♓46	23°44	27°42	9°23	8°19	25°28	29°57	15°36	3°14	8°28	9°30	24° 3	n.a.	M23
T 24	19 55 31	27°20'34	18°39	24°39	28°54	10° 2	8°15	25°25	29°59	15°38	3°15	8°24	9°27	24° 9	n.a.	T 24
W25	19 59 27	28°18'24	0♈27	25°30	0♋ 6	10°40	8°11	25°21	0♎ 2	15°40	3°17	8°23	9°24	24°16	n.a.	W25
T 26	20 3 24	29°16'15	12°15	26°18	1°19	11°19	8° 6	25°18	0° 4	15°42	3°18	8°D22	9°21	24°23	n.a.	T 26
F 27	20 7 20	0♌14'08	24° 7	27° 3	2°31	11°58	8° 2	25°15	0° 6	15°44	3°20	8°23	9°18	24°29	n.a.	F 27
S 28	20 11 17	1°12'03	6♉10	27°45	3°44	12°37	7°57	25°12	0° 9	15°46	3°21	8°R23	9°14	24°36	n.a.	S 28
S 29	20 15 13	2°10'00	18°27	28°22	4°57	13°16	7°52	25° 8	0°11	15°48	3°23	8°21	9°11	24°43	n.a.	S 29
M30	20 19 10	3° 7'59	1♊ 6	28°56	6°10	13°56	7°47	25° 5	0°13	15°51	3°24	8°18	9° 8	24°49	n.a.	M30
T 31	20 23 6	4♌ 6'00	14♊ 8	29♌25	7♋22	14♍35	7♓41	25♐ 2	0♎16	15♌53	3♋26	8♈12	9♈ 5	24♓56	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23n36	17n28	2n28	22n52	1n25	19n17	1s25	14n 2	0n55	9s38	1s29	23s16	0n24	0n53	0n40	17n22	0n51	26n35	2n55	4n28	4n16	4s55			n.a.
M 2	23 33	22 1	3 22	22 28	1 20	19 34	1 22	13 49	0 54	9 38	1 29	23 16	0 24	0 52	0 40	17 22	0 51	26 35	2 55	4 26	4 15	4 51			n.a.
T 3	23 30	25 37	4 7	22 3	1 14	19 50	1 20	13 35	0 54	9 38	1 29	23 16	0 24	0 52	0 40	17 21	0 51	26 35	2 55	4 23	4 14	4 48			n.a.
W 4	23 27	27 56	4 40	21 37	1 8	20 6	1 17	13 21	0 53	9 39	1 30	23 16	0 24	0 51	0 40	17 21	0 51	26 35	2 55	4 19	4 12	4 44			n.a.
T 5	23 23	28 38	4 58	21 11	1 1	20 21	1 14	13 8	0 52	9 39	1 30	23 16	0 23	0 51	0 40	17 20	0 51	26 35	2 55	4 15	4 11	4 41			n.a.
F 6	23 19	27 30	4 58	20 43	0 54	20 36	1 12	12 54	0 51	9 40	1 30	23 16	0 23	0 50	0 40	17 20	0 51	26 35	2 55	4 10	4 10	4 37			n.a.
S 7	23 14	24 35	4 40	20 15	0 47	20 50	1 9	12 40	0 51	9 40	1 31	23 16	0 23	0 49	0 40	17 19	0 51	26 35	2 55	4 6	4 9	4 34			n.a.
S 8	23 9	20 7	4 4	19 46	0 40	21 4	1 6	12 26	0 50	9 41	1 31	23 16	0 23	0 49	0 40	17 18	0 51	26 36	2 55	4 2	4 7	4 31			n.a.
M 9	23 4	14 27	3 12	19 16	0 32	21 17	1 4	12 12	0 49	9 42	1 31	23 16	0 23	0 48	0 40	17 18	0 51	26 36	2 55	3 59	4 6	4 27			n.a.
T 10	22 58	8 2	2 9	18 46	0 23	21 29	1 1	11 57	0 48	9 43	1 32	23 16	0 23	0 48	0 40	17 17	0 51	26 36	2 55	3 58	4 5	4 24			n.a.
W11	22 52	1 14	0 57	18 16	0 15	21 41	0 58	11 43	0 48	9 44	1 32	23 16	0 23	0 47	0 40	17 17	0 51	26 36	2 55	3 57	4 4	4 20			n.a.
T 12	22 45	5s33	0s18	17 45	0 6	21 53	0 55	11 29	0 47	9 45	1 32	23 16	0 23	0 46	0 40	17 16	0 51	26 36	2 56	3 57	4 2	4 17			n.a.
F 13	22 38	11 59	1 30	17 14	0s 3	22 3	0 52	11 14	0 46	9 46	1 33	23 16	0 23	0 45	0 40	17 16	0 51	26 36	2 56	3 57	4 1	4 13			n.a.
S 14	22 31	17 46	2 37	16 43	0 12	22 14	0 49	11 0	0 45	9 47	1 33	23 16	0 22	0 45	0 40	17 15	0 51	26 36	2 56	3 57	4 0	4 10			n.a.
S 15	22 23	22 35	3 33	16 12	0 21	22 23	0 47	10 45	0 45	9 48	1 33	23 16	0 22	0 44	0 40	17 14	0 51	26 36	2 56	3 55	3 58	4 7			n.a.
M16	22 15	26 8	4 17	15 40	0 31	22 32	0 44	10 30	0 44	9 50	1 34	23 16	0 22	0 43	0 40	17 14	0 51	26 36	2 56	3 53	3 57	4 3			n.a.
T 17	22 6	28 11	4 46	15 9	0 41	22 41	0 41	10 15	0 43	9 51	1 34	23 16	0 22	0 42	0 40	17 13	0 51	26 36	2 56	3 49	3 56	4 0			n.a.
W18	21 57	28 37	5 0	14 38	0 51	22 48	0 38	10 0	0 42	9 53	1 34	23 16	0 22	0 42	0 40	17 12	0 51	26 36	2 56	3 44	3 55	3 56			n.a.
T 19	21 48	27 28	4 58	14 7	1 1	22 56	0 35	9 45	0 42	9 54	1 34	23 16	0 22	0 41	0 40	17 12	0 51	26 36	2 56	3 40	3 53	3 53			n.a.
F 20	21 38	24 55	4 41	13 37	1 11	23 2	0 32	9 30	0 41	9 56	1 35	23 16	0 22	0 40	0 40	17 11	0 51	26 36	2 56	3 35	3 52	3 49			n.a.
S 21	21 28	21 14	4 11	13 7	1 22	23 8	0 29	9 15	0 40	9 57	1 35	23 16	0 22	0 39	0 40	17 11	0 51	26 36	2 56	3 30	3 51	3 46			n.a.
S 22	21 17	16 42	3 30	12 37	1 32	23 13	0 26	9 0	0 39	9 59	1 35	23 16	0 22	0 38	0 40	17 10	0 51	26 36	2 56	3 26	3 50	3 42			n.a.
M23	21 6	11 35	2 40	12 9	1 43	23 18	0 23	8 44	0 39	10 1	1 36	23 16	0 22	0 37	0 40	17 9	0 51	26 36	2 57	3 24	3 48	3 39			n.a.
T 24	20 55	6 7	1 43	11 40	1 53	23 21	0 20	8 29	0 38	10 3	1 36	23 16	0 21	0 36	0 40	17 9	0 51	26 36	2 57	3 22	3 47	3 36			n.a.
W25	20 44	0 28	0 42	11 13	2 4	23 25	0 18	8 13	0 37	10 5	1 36	23 16	0 21	0 36	0 40	17 8	0 51	26 36	2 57	3 21	3 46	3 32			n.a.
T 26	20 32	5n13	0n21	10 47	2 14	23 27	0 15	7 58	0 37	10 7	1 36	23 16	0 21	0 35	0 40	17 7	0 51	26 36	2 57	3 21	3 45	3 29			n.a.
F 27	20 19	10 44	1 23	10 22	2 25	23 29	0 12	7 42	0 36	10 9	1 37	23 16	0 21	0 34	0 39	17 7	0 51	26 37	2 57	3 21	3 43	3 25			n.a.
S 28	20 7	15 58	2 23	9 57	2 35	23 30	0 9	7 26	0 35	10 11	1 37	23 16	0 21	0 33	0 39	17 6	0 51	26 37	2 57	3 22	3 42	3 22			n.a.
S 29	19 54	20 39	3 17	9 35	2 46	23 30	0 6	7 10	0 34	10 13	1 37	23 16	0 21	0 32	0 39	17 5	0 51	26 37	2 57	3 21	3 41	3 18			n.a.
M30	19 40	24 34	4 3	9 13	2 56	23 30	0 3	6 54	0 34	10 15	1 37	23 16	0 21	0 31	0 39	17 5	0 51	26 37	2 57	3 20	3 40	3 15			n.a.
T 31	19n27	27n21	4n38	8n54	3s 6	23n29	0s 0	6n38	0n33	10s17	1s38	23s16	0n21	0n30	0n39	17n 4	0n51	26n37	2n57	3n17	3n38	3s11			n.a.

Julian Day Number = 1705898.5, Delta T = 03h03m12s
Ecliptic obliquity = 23°42'09, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°39'00, Lahiri = - 4°31'59 Julian Calendar 1 July 43 BCE == Greg. Calendar 29 June 043 BCE

The year -42 astronomical counting style corresponds to year 043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 43 BCE
geocentric

AUGUST 43 BCE (-42) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 27 3	5♌ 4'03	27♊37	29♌50	8♋35	15♍14	7°R36	25°R 0	0♎18	15♌55	3♋27	8°R 5	9♈ 2	25♓ 3	n.a.	W 1
T 2	20 31 0	6° 2'08	11♋32	0♍10	9°48	15°54	7♓30	24♐57	0°21	15°57	3°29	7♈55	8°59	25° 9	n.a.	T 2
F 3	20 34 56	7° 0'15	25°51	0°25	11° 1	16°33	7°24	24°54	0°23	15°59	3°30	7°46	8°55	25°16	n.a.	F 3
S 4	20 38 53	7°58'24	10♌28	0°35	12°14	17°13	7°18	24°51	0°26	16° 2	3°32	7°37	8°52	25°23	n.a.	S 4
S 5	20 42 49	8°56'34	25°17	0°R39	13°27	17°52	7°12	24°49	0°29	16° 4	3°33	7°29	8°49	25°29	n.a.	S 5
M 6	20 46 46	9°54'46	10♍ 8	0°37	14°41	18°32	7° 6	24°46	0°31	16° 6	3°34	7°24	8°46	25°36	n.a.	M 6
T 7	20 50 42	10°53'00	24°54	0°29	15°54	19°12	7° 0	24°44	0°34	16° 8	3°36	7°21	8°43	25°42	n.a.	T 7
W 8	20 54 39	11°51'15	9♎29	0°14	17° 7	19°52	6°53	24°42	0°37	16°11	3°37	7°D21	8°40	25°49	n.a.	W 8
T 9	20 58 35	12°49'32	23°48	29♌54	18°20	20°31	6°46	24°39	0°40	16°13	3°39	7°21	8°36	25°56	n.a.	T 9
F 10	21 2 32	13°47'50	7♏51	29°26	19°34	21°11	6°40	24°37	0°43	16°15	3°40	7°R22	8°33	26° 2	n.a.	F 10
S 11	21 6 28	14°46'10	21°37	28°52	20°47	21°51	6°33	24°35	0°45	16°17	3°41	7°22	8°30	26° 9	n.a.	S 11
S 12	21 10 25	15°44'32	5♐ 5	28°13	22° 1	22°32	6°26	24°33	0°48	16°19	3°43	7°20	8°27	26°16	n.a.	S 12
M13	21 14 22	16°42'56	18°19	27°27	23°14	23°12	6°19	24°31	0°51	16°22	3°44	7°16	8°24	26°22	n.a.	M13
T 14	21 18 18	17°41'21	1♑18	26°36	24°28	23°52	6°12	24°30	0°54	16°24	3°45	7°10	8°20	26°29	n.a.	T 14
W15	21 22 15	18°39'48	14° 4	25°40	25°41	24°32	6° 4	24°28	0°57	16°26	3°46	7° 3	8°17	26°36	n.a.	W15
T 16	21 26 11	19°38'17	26°39	24°41	26°55	25°13	5°57	24°26	1° 0	16°28	3°48	6°54	8°14	26°42	n.a.	T 16
F 17	21 30 8	20°36'48	9♒ 1	23°40	28° 9	25°53	5°49	24°25	1° 3	16°31	3°49	6°46	8°11	26°49	n.a.	F 17
S 18	21 34 4	21°35'20	21°14	22°37	29°23	26°33	5°42	24°23	1° 7	16°33	3°50	6°38	8° 8	26°56	n.a.	S 18
S 19	21 38 1	22°33'55	3♓17	21°34	0♌36	27°14	5°34	24°22	1°10	16°35	3°51	6°32	8° 5	27° 2	n.a.	S 19
M20	21 41 57	23°32'31	15°12	20°34	1°50	27°55	5°27	24°21	1°13	16°37	3°52	6°27	8° 1	27° 9	n.a.	M20
T 21	21 45 54	24°31'10	27° 1	19°36	3° 4	28°35	5°19	24°20	1°16	16°40	3°54	6°25	7°58	27°16	n.a.	T 21
W22	21 49 51	25°29'51	8♈48	18°44	4°18	29°16	5°11	24°19	1°19	16°42	3°55	6°D24	7°55	27°22	n.a.	W22
T 23	21 53 47	26°28'34	20°35	17°57	5°32	29°57	5° 3	24°18	1°22	16°44	3°56	6°25	7°52	27°29	n.a.	T 23
F 24	21 57 44	27°27'20	2♉27	17°18	6°46	0♎38	4°55	24°17	1°26	16°46	3°57	6°27	7°49	27°36	n.a.	F 24
S 25	22 1 40	28°26'07	14°29	16°47	8° 0	1°19	4°47	24°16	1°29	16°48	3°58	6°28	7°46	27°42	n.a.	S 25
S 26	22 5 37	29°24'58	26°44	16°26	9°15	2° 0	4°39	24°15	1°32	16°51	3°59	6°R29	7°42	27°49	n.a.	S 26
M27	22 9 33	0♍23'50	9♊20	16°14	10°29	2°41	4°31	24°15	1°36	16°53	4° 0	6°29	7°39	27°55	n.a.	M27
T 28	22 13 30	1°22'45	22°18	16°D12	11°43	3°22	4°23	24°14	1°39	16°55	4° 1	6°27	7°36	28° 2	n.a.	T 28
W29	22 17 26	2°21'43	5♋44	16°20	12°57	4° 3	4°15	24°14	1°42	16°57	4° 2	6°24	7°33	28° 9	n.a.	W29
T 30	22 21 23	3°20'43	19°38	16°38	14°12	4°45	4° 7	24°14	1°46	16°59	4° 3	6°19	7°30	28°15	n.a.	T 30
F 31	22 25 20	4♍19'45	4♌ 0	17♌ 6	15♌26	5♎26	3♓59	24♐14	1♎49	17♌ 1	4♋ 4	6♈14	7♈26	28♓22	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat	
W 1	19n13	28n40	4n59	8n36	3s16	23n28	0n 2	6n22	0n32	10s20	1s38	23s16	0n21	0n29	0n39	17n 3	0n51	26n37	2n57	3n14	3n37	3s 8			n.a.	W 1
T 2	18 58	28 14	5 4	8 20	3 25	23 25	0 5	6 6	0 32	10 22	1 38	23 16	0 20	0 28	0 39	17 3	0 51	26 37	2 58	3 11	3 36	3 5			n.a.	T 2
F 3	18 44	25 57	4 49	8 7	3 34	23 22	0 8	5 50	0 31	10 24	1 38	23 16	0 20	0 26	0 39	17 2	0 51	26 37	2 58	3 7	3 34	3 1			n.a.	F 3
S 4	18 28	21 54	4 16	7 56	3 42	23 19	0 11	5 34	0 30	10 27	1 39	23 16	0 20	0 25	0 39	17 1	0 51	26 37	2 58	3 3	3 33	2 58			n.a.	S 4
S 5	18 13	16 27	3 25	7 47	3 50	23 14	0 13	5 18	0 29	10 29	1 39	23 16	0 20	0 24	0 39	17 1	0 51	26 37	2 58	3 0	3 32	2 54			n.a.	S 5
M 6	17 58	10 1	2 20	7 41	3 57	23 9	0 16	5 1	0 29	10 32	1 39	23 16	0 20	0 23	0 39	17 0	0 52	26 37	2 58	2 58	3 31	2 51			n.a.	M 6
T 7	17 42	3 4	1 6	7 38	4 3	23 3	0 19	4 45	0 28	10 34	1 39	23 16	0 20	0 22	0 39	16 59	0 52	26 37	2 58	2 57	3 29	2 47			n.a.	T 7
W 8	17 25	3s58	0s11	7 39	4 8	22 57	0 21	4 28	0 27	10 37	1 40	23 16	0 20	0 21	0 39	16 59	0 52	26 37	2 58	2 57	3 28	2 44			n.a.	W 8
T 9	17 9	10 41	1 27	7 42	4 12	22 50	0 24	4 12	0 26	10 40	1 40	23 16	0 20	0 20	0 39	16 58	0 52	26 37	2 58	2 57	3 27	2 40			n.a.	T 9
F 10	16 52	16 44	2 36	7 49	4 15	22 42	0 27	3 55	0 26	10 43	1 40	23 16	0 20	0 19	0 39	16 57	0 52	26 37	2 58	2 57	3 26	2 37			n.a.	F 10
S 11	16 35	21 49	3 35	8 0	4 16	22 33	0 29	3 39	0 25	10 45	1 40	23 16	0 19	0 17	0 39	16 57	0 52	26 38	2 59	2 57	3 24	2 33			n.a.	S 11
S 12	16 18	25 39	4 20	8 14	4 16	22 24	0 32	3 22	0 24	10 48	1 40	23 16	0 19	0 16	0 39	16 56	0 52	26 38	2 59	2 57	3 23	2 30			n.a.	S 12
M13	16 0	28 1	4 51	8 31	4 14	22 14	0 34	3 5	0 24	10 51	1 41	23 16	0 19	0 15	0 39	16 56	0 52	26 38	2 59	2 55	3 22	2 26			n.a.	M13
T 14	15 42	28 47	5 6	8 53	4 10	22 4	0 37	2 49	0 23	10 54	1 41	23 16	0 19	0 14	0 39	16 55	0 52	26 38	2 59	2 53	3 21	2 23			n.a.	T 14
W15	15 24	28 0	5 5	9 17	4 4	21 53	0 39	2 32	0 22	10 57	1 41	23 16	0 19	0 13	0 39	16 54	0 52	26 38	2 59	2 50	3 19	2 20			n.a.	W15
T 16	15 5	25 47	4 49	9 44	3 56	21 41	0 41	2 15	0 21	11 0	1 41	23 16	0 19	0 11	0 39	16 53	0 52	26 38	2 59	2 46	3 18	2 16			n.a.	T 16
F 17	14 47	22 23	4 20	10 14	3 46	21 28	0 44	1 58	0 21	11 2	1 41	23 16	0 19	0 10	0 39	16 53	0 52	26 38	2 59	2 43	3 17	2 13			n.a.	F 17
S 18	14 28	18 3	3 40	10 45	3 34	21 15	0 46	1 41	0 20	11 5	1 41	23 16	0 19	0 9	0 39	16 52	0 52	26 38	2 59	2 40	3 16	2 9			n.a.	S 18
S 19	14 9	13 3	2 50	11 18	3 21	21 1	0 48	1 24	0 19	11 8	1 41	23 16	0 18	0 8	0 39	16 51	0 52	26 38	3 0	2 37	3 14	2 6			n.a.	S 19
M20	13 49	7 37	1 53	11 52	3 5	20 47	0 50	1 7	0 19	11 11	1 42	23 16	0 18	0 6	0 39	16 51	0 52	26 38	3 0	2 35	3 13	2 2			n.a.	M20
T 21	13 30	1 58	0 51	12 26	2 49	20 32	0 52	0 50	0 18	11 14	1 42	23 17	0 18	0 5	0 39	16 50	0 52	26 38	3 0	2 34	3 12	1 59			n.a.	T 21
W22	13 10	3n43	0n13	12 59	2 31	20 16	0 54	0 33	0 17	11 17	1 42	23 17	0 18	0 4	0 39	16 50	0 52	26 39	3 0	2 34	3 10	1 55			n.a.	W22
T 23	12 50	9 18	1 16	13 32	2 12	20 0	0 56	0 16	0 17	11 20	1 42	23 17	0 18	0 2	0 39	16 49	0 52	26 39	3 0	2 35	3 9	1 52			n.a.	T 23
F 24	12 29	14 36	2 17	14 2	1 53	19 43	0 58	0s 1	0 16	11 23	1 42	23 17	0 18	0 1	0 39	16 48	0 52	26 39	3 0	2 35	3 8	1 48			n.a.	F 24
S 25	12 9	19 25	3 13	14 30	1 33	19 26	1 0	0 18	0 15	11 26	1 42	23 17	0 18	0s 0	0 39	16 48	0 52	26 39	3 0	2 36	3 7	1 45			n.a.	S 25
S 26	11 48	23 32	4 1	14 55	1 13	19 8	1 2	0 35	0 14	11 29	1 42	23 17	0 18	0 2	0 39	16 47	0 52	26 39	3 0	2 36	3 5	1 41			n.a.	S 26
M27	11 27	26 40	4 38	15 17	0 54	18 50	1 4	0 52	0 14	11 32	1 42	23 17	0 18	0 3	0 39	16 46	0 52	26 39	3 1	2 36	3 4	1 38			n.a.	M27
T 28	11 6	28 31	5 3	15 36	0 35	18 30	1 5	1 9	0 13	11 35	1 42	23 17	0 17	0 4	0 39	16 46	0 52	26 39	3 1	2 35	3 3	1 34			n.a.	T 28
W29	10 45	28 47	5 12	15 51	0 17	18 11	1 7	1 26	0 12	11 38	1 42	23 17	0 17	0 6	0 39	16 45	0 52	26 39	3 1	2 34	3 2	1 31			n.a.	W29
T 30	10 23	27 16	5 4	16 2	0n 0	17 51	1 9	1 44	0 12	11 41	1 42	23 17	0 17	0 7	0 39	16 44	0 52	26 39	3 1	2 32	3 0	1 28			n.a.	T 30
F 31	10n 2	23n57	4n37	16n 8	0n16	17n30	1n10	2s 1	0n11	11s45	1s42	23s17	0n17	0s 9	0n39	16n44	0n52	26n39	3n 1	2n30	2n59	1s24			n.a.	F 31

Julian Day Number = 1705929.5, Delta T = 03h03m11s
Ecliptic obliquity = 23°42'09, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°38'55, Lahiri = - 4°31'55 Julian Calendar 1 Aug. 43 BCE == Greg. Calendar 30 July 043 BCE

The year -42 astronomical counting style corresponds to year 043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 43 BCE
geocentric

SEPTEMBER 43 BCE (-42) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 29 16	5♍18'49	18♌44	17♌43	16♌41	6♎ 7	3°R51	24°D14	1♎53	17♌ 4	4♋ 5	6°R10	7♈23	28♓29	n.a.	S 1
S 2	22 33 13	6°17'56	3♍45	18°29	17°55	6°49	3♓43	24♐14	1°56	17° 6	4° 6	6♈ 6	7°20	28°35	n.a.	S 2
M 3	22 37 9	7°17'04	18°53	19°23	19°10	7°31	3°35	24°14	2° 0	17° 8	4° 7	6° 4	7°17	28°42	n.a.	M 3
T 4	22 41 6	8°16'15	3♎59	20°25	20°24	8°12	3°27	24°14	2° 3	17°10	4° 8	6°D 3	7°14	28°49	n.a.	T 4
W 5	22 45 2	9°15'27	18°54	21°33	21°39	8°54	3°19	24°14	2° 7	17°12	4° 9	6° 3	7°11	28°55	n.a.	W 5
T 6	22 48 59	10°14'42	3♏31	22°48	22°53	9°36	3°11	24°15	2°10	17°14	4° 9	6° 5	7° 7	29° 2	n.a.	T 6
F 7	22 52 55	11°13'59	17°48	24° 7	24° 8	10°18	3° 3	24°15	2°14	17°16	4°10	6° 6	7° 4	29° 9	n.a.	F 7
S 8	22 56 52	12°13'17	1♐40	25°32	25°23	10°59	2°55	24°16	2°18	17°18	4°11	6° 7	7° 1	29°15	n.a.	S 8
S 9	23 0 49	13°12'37	15°10	27° 0	26°38	11°41	2°48	24°17	2°21	17°20	4°12	6°R 7	6°58	29°22	n.a.	S 9
M10	23 4 45	14°12'00	28°18	28°32	27°52	12°23	2°40	24°18	2°25	17°22	4°13	6° 7	6°55	29°29	n.a.	M10
T 11	23 8 42	15°11'24	11♑ 7	0♍ 7	29° 7	13° 6	2°32	24°18	2°28	17°24	4°13	6° 5	6°51	29°35	n.a.	T 11
W12	23 12 38	16°10'49	23°41	1°44	0♍22	13°48	2°25	24°19	2°32	17°26	4°14	6° 3	6°48	29°42	n.a.	W12
T 13	23 16 35	17°10'17	6♒ 0	3°23	1°37	14°30	2°17	24°21	2°36	17°28	4°15	6° 0	6°45	29°48	n.a.	T 13
F 14	23 20 31	18° 9'47	18° 9	5° 3	2°52	15°12	2°10	24°22	2°39	17°30	4°15	5°57	6°42	29°55	n.a.	F 14
S 15	23 24 28	19° 9'18	0♓10	6°44	4° 7	15°55	2° 2	24°23	2°43	17°32	4°16	5°54	6°39	0♈ 2	n.a.	S 15
S 16	23 28 24	20° 8'52	12° 4	8°27	5°22	16°37	1°55	24°25	2°47	17°34	4°16	5°52	6°36	0° 8	n.a.	S 16
M17	23 32 21	21° 8'28	23°54	10°10	6°36	17°19	1°48	24°26	2°51	17°36	4°17	5°51	6°32	0°15	n.a.	M17
T 18	23 36 17	22° 8'05	5♈41	11°53	7°51	18° 2	1°41	24°28	2°54	17°38	4°18	5°D50	6°29	0°22	n.a.	T 18
W19	23 40 14	23° 7'45	17°29	13°36	9° 7	18°45	1°34	24°29	2°58	17°40	4°18	5°51	6°26	0°28	n.a.	W19
T 20	23 44 11	24° 7'27	29°19	15°20	10°22	19°27	1°27	24°31	3° 2	17°42	4°19	5°52	6°23	0°35	n.a.	T 20
F 21	23 48 7	25° 7'12	11♉15	17° 3	11°37	20°10	1°20	24°33	3° 5	17°44	4°19	5°53	6°20	0°42	n.a.	F 21
S 22	23 52 4	26° 6'59	23°20	18°46	12°52	20°53	1°14	24°35	3° 9	17°46	4°19	5°54	6°17	0°48	n.a.	S 22
S 23	23 56 0	27° 6'48	5♊37	20°29	14° 7	21°36	1° 7	24°37	3°13	17°48	4°20	5°55	6°13	0°55	n.a.	S 23
M24	23 59 57	28° 6'39	18°10	22°12	15°22	22°19	1° 1	24°40	3°17	17°49	4°20	5°55	6°10	1° 2	n.a.	M24
T 25	0 3 53	29° 6'33	1♋ 4	23°54	16°37	23° 2	0°55	24°42	3°20	17°51	4°21	5°R55	6° 7	1° 8	n.a.	T 25
W26	0 7 50	0♎ 6'29	14°22	25°36	17°53	23°45	0°49	24°44	3°24	17°53	4°21	5°55	6° 4	1°15	n.a.	W26
T 27	0 11 46	1° 6'27	28° 6	27°17	19° 8	24°28	0°43	24°47	3°28	17°55	4°21	5°55	6° 1	1°21	n.a.	T 27
F 28	0 15 43	2° 6'28	12♌16	28°58	20°23	25°11	0°37	24°49	3°32	17°56	4°22	5°54	5°57	1°28	n.a.	F 28
S 29	0 19 40	3° 6'31	26°52	0♎38	21°38	25°54	0°31	24°52	3°36	17°58	4°22	5°54	5°54	1°35	n.a.	S 29
S 30	0 23 36	4♎ 6'35	11♍48	2♎18	22♍54	26♎38	0♓26	24♐55	3♎39	18♌ 0	4♋22	5♈54	5♈51	1♈41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n40	19n 1	3n51	16n11	0n31	17n 9	1n12	2s18	0n10	11s48	1s42	23s17	0n17	0s10	0n38	16n43	0n52	26n40	3n 1	2n28	2n58	1s21		n.a.
S 2	9 18	12 51	2 48	16 10	0 45	16 47	1 13	2 35	0 10	11 50	1 43	23 18	0 17	0 11	0 38	16 42	0 52	26 40	3 1	2 27	2 57	1 17		n.a.
M 3	8 56	5 52	1 33	16 5	0 58	16 25	1 15	2 53	0 9	11 53	1 43	23 18	0 17	0 13	0 38	16 42	0 52	26 40	3 2	2 26	2 55	1 14		n.a.
T 4	8 34	1s25	0 11	15 56	1 9	16 3	1 16	3 10	0 8	11 56	1 43	23 18	0 17	0 14	0 38	16 41	0 52	26 40	3 2	2 26	2 54	1 10		n.a.
W 5	8 11	8 34	1s10	15 43	1 19	15 40	1 17	3 27	0 7	11 59	1 43	23 18	0 17	0 16	0 38	16 40	0 52	26 40	3 2	2 26	2 53	1 7		n.a.
T 6	7 49	15 6	2 26	15 26	1 27	15 16	1 18	3 44	0 7	12 2	1 43	23 18	0 16	0 17	0 38	16 40	0 52	26 40	3 2	2 26	2 51	1 3		n.a.
F 7	7 26	20 41	3 30	15 7	1 35	14 52	1 19	4 2	0 6	12 5	1 43	23 18	0 16	0 19	0 38	16 39	0 52	26 40	3 2	2 27	2 50	1 0		n.a.
S 8	7 3	24 58	4 20	14 44	1 41	14 28	1 20	4 19	0 5	12 8	1 42	23 18	0 16	0 20	0 38	16 39	0 52	26 40	3 2	2 27	2 49	0 56		n.a.
S 9	6 40	27 45	4 55	14 18	1 46	14 3	1 21	4 36	0 5	12 11	1 42	23 19	0 16	0 22	0 38	16 38	0 52	26 40	3 2	2 27	2 48	0 53		n.a.
M10	6 17	28 54	5 12	13 50	1 50	13 38	1 22	4 53	0 4	12 14	1 42	23 19	0 16	0 23	0 38	16 37	0 52	26 41	3 3	2 27	2 46	0 49		n.a.
T 11	5 54	28 27	5 14	13 19	1 53	13 12	1 23	5 10	0 3	12 16	1 42	23 19	0 16	0 25	0 38	16 37	0 52	26 41	3 3	2 27	2 45	0 46		n.a.
W12	5 31	26 32	5 1	12 46	1 55	12 46	1 24	5 28	0 3	12 19	1 42	23 19	0 16	0 26	0 38	16 36	0 52	26 41	3 3	2 26	2 44	0 42		n.a.
T 13	5 7	23 23	4 33	12 11	1 56	12 20	1 25	5 45	0 2	12 22	1 42	23 19	0 16	0 28	0 38	16 36	0 52	26 41	3 3	2 24	2 43	0 39		n.a.
F 14	4 44	19 16	3 54	11 34	1 57	11 53	1 25	6 2	0 1	12 24	1 42	23 19	0 16	0 29	0 38	16 35	0 52	26 41	3 3	2 23	2 41	0 35		n.a.
S 15	4 20	14 25	3 5	10 56	1 56	11 26	1 26	6 19	0 1	12 27	1 42	23 19	0 15	0 30	0 38	16 34	0 52	26 41	3 3	2 22	2 40	0 32		n.a.
S 16	3 57	9 5	2 8	10 16	1 55	10 59	1 26	6 36	0s 0	12 30	1 42	23 20	0 15	0 32	0 38	16 34	0 52	26 41	3 3	2 21	2 39	0 28		n.a.
M17	3 33	3 27	1 6	9 36	1 54	10 32	1 27	6 53	0 1	12 32	1 42	23 20	0 15	0 33	0 38	16 33	0 52	26 41	3 4	2 21	2 37	0 25		n.a.
T 18	3 9	2n16	0 1	8 54	1 52	10 4	1 27	7 10	0 1	12 35	1 42	23 20	0 15	0 35	0 38	16 33	0 52	26 42	3 4	2 21	2 36	0 22		n.a.
W19	2 45	7 55	1n 4	8 11	1 49	9 35	1 27	7 27	0 2	12 37	1 42	23 20	0 15	0 36	0 38	16 32	0 52	26 42	3 4	2 21	2 35	0 18		n.a.
T 20	2 22	13 19	2 7	7 28	1 46	9 7	1 28	7 44	0 3	12 39	1 42	23 20	0 15	0 38	0 38	16 32	0 52	26 42	3 4	2 21	2 34	0 15		n.a.
F 21	1 58	18 17	3 4	6 44	1 42	8 38	1 28	8 1	0 3	12 42	1 41	23 21	0 15	0 40	0 38	16 31	0 52	26 42	3 4	2 22	2 32	0 11		n.a.
S 22	1 34	22 35	3 54	5 59	1 38	8 9	1 28	8 18	0 4	12 44	1 41	23 21	0 15	0 41	0 38	16 30	0 52	26 42	3 4	2 22	2 31	0 8		n.a.
S 23	1 10	25 59	4 35	5 14	1 34	7 40	1 28	8 35	0 5	12 46	1 41	23 21	0 15	0 43	0 38	16 30	0 52	26 42	3 4	2 22	2 30	0 4		n.a.
M24	0 46	28 12	5 3	4 29	1 29	7 11	1 28	8 52	0 5	12 48	1 41	23 21	0 15	0 44	0 38	16 29	0 52	26 42	3 5	2 23	2 29	0 1		n.a.
T 25	0 22	28 59	5 17	3 44	1 24	6 41	1 28	9 9	0 6	12 50	1 41	23 21	0 14	0 46	0 38	16 29	0 52	26 43	3 5	2 23	2 27	0n 3		n.a.
W26	0s 3	28 8	5 14	2 58	1 19	6 11	1 28	9 25	0 7	12 52	1 41	23 22	0 14	0 47	0 38	16 28	0 52	26 43	3 5	2 22	2 26	0 6		n.a.
T 27	0 27	25 34	4 54	2 12	1 13	5 41	1 28	9 42	0 7	12 54	1 41	23 22	0 14	0 49	0 38	16 28	0 53	26 43	3 5	2 22	2 25	0 10		n.a.
F 28	0 51	21 24	4 16	1 27	1 8	5 11	1 27	9 59	0 8	12 56	1 40	23 22	0 14	0 50	0 38	16 27	0 53	26 43	3 5	2 22	2 23	0 13		n.a.
S 29	1 15	15 50	3 21	0 41	1 2	4 41	1 27	10 15	0 9	12 58	1 40	23 22	0 14	0 52	0 38	16 27	0 53	26 43	3 5	2 22	2 22	0 17		n.a.
S 30	1s39	9n13	2n10	0s 5	0n56	4n10	1n26	10s32	0s 9	13s 0	1s40	23s22	0n14	0s53	0n38	16n26	0n53	26n43	3n 6	2n22	2n21	0n20		n.a.

Julian Day Number = 1705960.5, Delta T = 03h03m10s
Ecliptic obliquity = 23°42'10, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°38'51, Lahiri = - 4°31'51 Julian Calendar 1 Sept. 43 BCE == Greg. Calendar 30 Aug. 043 BCE

The year -42 astronomical counting style corresponds to year 043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 43 BCE
geocentric

OCTOBER 43 BCE (-42) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 27 33	5♎ 6'42	26♍57	3♎58	24♍ 9	27♎21	0°R20	24♐58	3♎43	18♌ 1	4♋22	5°R53	5♈48	1♈48	n.a.	M 1
T 2	0 31 29	6° 6'51	12♎10	5°37	25°24	28° 4	0♓15	25° 1	3°47	18° 3	4°22	5♈53	5°45	1°55	n.a.	T 2
W 3	0 35 26	7° 7'02	27°18	7°15	26°40	28°48	0°10	25° 4	3°51	18° 5	4°23	5°53	5°42	2° 1	n.a.	W 3
T 4	0 39 22	8° 7'15	12♏11	8°53	27°55	29°31	0° 6	25° 7	3°54	18° 6	4°23	5°53	5°38	2° 8	n.a.	T 4
F 5	0 43 19	9° 7'29	26°43	10°30	29°11	0♏15	0° 1	25°10	3°58	18° 8	4°23	5°53	5°35	2°15	n.a.	F 5
S 6	0 47 15	10° 7'46	10♐49	12° 7	0♎26	0°59	29♒56	25°13	4° 2	18° 9	4°23	5°53	5°32	2°21	n.a.	S 6
S 7	0 51 12	11° 8'03	24°27	13°44	1°41	1°42	29°52	25°17	4° 6	18°11	4°23	5°52	5°29	2°28	n.a.	S 7
M 8	0 55 9	12° 8'23	7♑40	15°20	2°57	2°26	29°48	25°20	4° 9	18°12	4°R23	5°D52	5°26	2°35	n.a.	M 8
T 9	0 59 5	13° 8'44	20°28	16°56	4°12	3°10	29°44	25°24	4°13	18°14	4°23	5°52	5°23	2°41	n.a.	T 9
W10	1 3 2	14° 9'06	2♒57	18°31	5°28	3°54	29°41	25°27	4°17	18°15	4°23	5°52	5°19	2°48	n.a.	W10
T 11	1 6 58	15° 9'30	15° 9	20° 6	6°43	4°38	29°37	25°31	4°21	18°17	4°23	5°53	5°16	2°55	n.a.	T 11
F 12	1 10 55	16° 9'55	27°10	21°41	7°59	5°22	29°34	25°35	4°24	18°18	4°23	5°54	5°13	3° 1	n.a.	F 12
S 13	1 14 51	17°10'22	9♓ 3	23°15	9°14	6° 6	29°31	25°39	4°28	18°19	4°23	5°55	5°10	3° 8	n.a.	S 13
S 14	1 18 48	18°10'50	20°52	24°49	10°30	6°50	29°28	25°43	4°32	18°21	4°22	5°56	5° 7	3°14	n.a.	S 14
M15	1 22 44	19°11'20	2♈39	26°23	11°45	7°34	29°25	25°47	4°36	18°22	4°22	5°R57	5° 3	3°21	n.a.	M15
T 16	1 26 41	20°11'51	14°28	27°56	13° 1	8°19	29°22	25°51	4°39	18°23	4°22	5°57	5° 0	3°28	n.a.	T 16
W17	1 30 38	21°12'24	26°20	29°29	14°16	9° 3	29°20	25°55	4°43	18°25	4°22	5°56	4°57	3°34	n.a.	W17
T 18	1 34 34	22°12'59	8♉18	1♏ 2	15°32	9°47	29°18	26° 0	4°47	18°26	4°22	5°54	4°54	3°41	n.a.	T 18
F 19	1 38 31	23°13'35	20°23	2°35	16°47	10°32	29°16	26° 4	4°50	18°27	4°21	5°51	4°51	3°48	n.a.	F 19
S 20	1 42 27	24°14'14	2♊38	4° 7	18° 3	11°16	29°14	26° 9	4°54	18°28	4°21	5°48	4°48	3°54	n.a.	S 20
S 21	1 46 24	25°14'54	15° 4	5°39	19°18	12° 1	29°13	26°13	4°57	18°29	4°21	5°45	4°44	4° 1	n.a.	S 21
M22	1 50 20	26°15'35	27°43	7°11	20°34	12°45	29°11	26°18	5° 1	18°30	4°20	5°43	4°41	4° 8	n.a.	M22
T 23	1 54 17	27°16'19	10♋38	8°42	21°49	13°30	29°10	26°22	5° 5	18°31	4°20	5°41	4°38	4°14	n.a.	T 23
W24	1 58 13	28°17'04	23°52	10°14	23° 5	14°15	29° 9	26°27	5° 8	18°32	4°20	5°D40	4°35	4°21	n.a.	W24
T 25	2 2 10	29°17'50	7♌26	11°45	24°20	15° 0	29° 9	26°32	5°12	18°33	4°19	5°40	4°32	4°28	n.a.	T 25
F 26	2 6 7	0♏18'39	21°21	13°15	25°36	15°44	29° 8	26°37	5°15	18°34	4°19	5°41	4°28	4°34	n.a.	F 26
S 27	2 10 3	1°19'29	5♍38	14°46	26°52	16°29	29° 8	26°42	5°19	18°35	4°18	5°42	4°25	4°41	n.a.	S 27
S 28	2 14 0	2°20'21	20°15	16°16	28° 7	17°14	29°D 8	26°47	5°22	18°36	4°18	5°44	4°22	4°47	n.a.	S 28
M29	2 17 56	3°21'14	5♎ 8	17°46	29°23	17°59	29° 8	26°52	5°26	18°37	4°17	5°R44	4°19	4°54	n.a.	M29
T 30	2 21 53	4°22'08	20°10	19°16	0♏38	18°44	29° 8	26°57	5°29	18°38	4°17	5°44	4°16	5° 1	n.a.	T 30
W31	2 25 49	5♏23'04	5♏13	20♏45	1♏54	19♏29	29♒ 9	27♐ 2	5♎32	18♌39	4♋16	5♈42	4♈13	5♈ 7	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	2s 3	1n59	0n50	0s50	0n50	3n40	1n26	10s48	0s10	13s 2	1s40	23s23	0n14	0s55	0n38	16n26	0n53	26n43	3n 6	2n22	2n20	0n24			n.a.
T 2	2 27	5s24	0s35	1 35	0 43	3 9	1 25	11 4	0 11	13 3	1 40	23 23	0 14	0 56	0 38	16 25	0 53	26 43	3 6	2 22	2 18	0 27			n.a.
W 3	2 51	12 26	1 56	2 21	0 37	2 38	1 25	11 21	0 11	13 5	1 40	23 23	0 14	0 58	0 38	16 25	0 53	26 44	3 6	2 22	2 17	0 31			n.a.
T 4	3 15	18 39	3 9	3 5	0 31	2 7	1 24	11 37	0 12	13 7	1 39	23 23	0 13	0 59	0 38	16 24	0 53	26 44	3 6	2 22	2 16	0 34			n.a.
F 5	3 39	23 38	4 7	3 50	0 24	1 36	1 23	11 53	0 13	13 8	1 39	23 23	0 13	1 1	0 38	16 24	0 53	26 44	3 6	2 22	2 15	0 38			n.a.
S 6	4 3	27 4	4 48	4 34	0 18	1 5	1 22	12 9	0 13	13 9	1 39	23 24	0 13	1 2	0 38	16 24	0 53	26 44	3 6	2 22	2 13	0 41			n.a.
S 7	4 27	28 46	5 12	5 18	0 11	0 34	1 22	12 25	0 14	13 11	1 39	23 24	0 13	1 4	0 38	16 23	0 53	26 44	3 7	2 21	2 12	0 45			n.a.
M 8	4 51	28 46	5 18	6 2	0 4	0 3	1 21	12 41	0 15	13 12	1 38	23 24	0 13	1 5	0 38	16 23	0 53	26 44	3 7	2 21	2 11	0 48			n.a.
T 9	5 15	27 11	5 8	6 45	0s 2	0s28	1 20	12 57	0 15	13 13	1 38	23 24	0 13	1 7	0 38	16 22	0 53	26 45	3 7	2 21	2 9	0 51			n.a.
W10	5 38	24 18	4 43	7 28	0 9	1 0	1 19	13 12	0 16	13 14	1 38	23 25	0 13	1 8	0 38	16 22	0 53	26 45	3 7	2 21	2 8	0 55			n.a.
T 11	6 2	20 23	4 6	8 11	0 15	1 31	1 17	13 28	0 17	13 15	1 38	23 25	0 13	1 10	0 38	16 21	0 53	26 45	3 7	2 22	2 7	0 58			n.a.
F 12	6 26	15 42	3 19	8 53	0 22	2 2	1 16	13 44	0 17	13 16	1 38	23 25	0 13	1 11	0 38	16 21	0 53	26 45	3 7	2 22	2 6	1 2			n.a.
S 13	6 49	10 29	2 24	9 34	0 28	2 33	1 15	13 59	0 18	13 17	1 37	23 25	0 13	1 13	0 38	16 21	0 53	26 45	3 7	2 23	2 4	1 5			n.a.
S 14	7 12	4 56	1 23	10 15	0 35	3 4	1 14	14 14	0 19	13 18	1 37	23 25	0 12	1 14	0 38	16 20	0 53	26 45	3 8	2 23	2 3	1 9			n.a.
M15	7 36	0n47	0 18	10 56	0 41	3 35	1 12	14 30	0 19	13 19	1 37	23 26	0 12	1 16	0 38	16 20	0 53	26 45	3 8	2 23	2 2	1 12			n.a.
T 16	7 59	6 29	0n47	11 36	0 48	4 6	1 11	14 45	0 20	13 19	1 37	23 26	0 12	1 17	0 38	16 19	0 53	26 46	3 8	2 23	2 1	1 16			n.a.
W17	8 22	11 59	1 51	12 15	0 54	4 37	1 10	15 0	0 20	13 20	1 36	23 26	0 12	1 19	0 38	16 19	0 53	26 46	3 8	2 23	1 59	1 19			n.a.
T 18	8 45	17 6	2 50	12 54	1 0	5 8	1 8	15 14	0 21	13 20	1 36	23 26	0 12	1 20	0 38	16 19	0 53	26 46	3 8	2 22	1 58	1 23			n.a.
F 19	9 7	21 36	3 42	13 32	1 6	5 39	1 7	15 29	0 22	13 21	1 36	23 27	0 12	1 22	0 38	16 18	0 53	26 46	3 8	2 21	1 57	1 26			n.a.
S 20	9 30	25 14	4 24	14 9	1 12	6 9	1 5	15 44	0 22	13 21	1 36	23 27	0 12	1 23	0 38	16 18	0 53	26 46	3 9	2 20	1 55	1 30			n.a.
S 21	9 52	27 44	4 55	14 46	1 18	6 40	1 3	15 58	0 23	13 22	1 35	23 27	0 12	1 24	0 38	16 18	0 53	26 46	3 9	2 19	1 54	1 33			n.a.
M22	10 15	28 53	5 12	15 22	1 24	7 10	1 2	16 13	0 24	13 22	1 35	23 27	0 12	1 26	0 38	16 18	0 53	26 47	3 9	2 18	1 53	1 37			n.a.
T 23	10 37	28 29	5 14	15 58	1 29	7 40	1 0	16 27	0 24	13 22	1 35	23 28	0 12	1 27	0 38	16 17	0 53	26 47	3 9	2 17	1 52	1 40			n.a.
W24	10 59	26 29	5 0	16 32	1 34	8 10	0 58	16 41	0 25	13 22	1 35	23 28	0 12	1 29	0 38	16 17	0 53	26 47	3 9	2 16	1 50	1 44			n.a.
T 25	11 21	22 56	4 28	17 6	1 40	8 40	0 56	16 55	0 25	13 22	1 34	23 28	0 11	1 30	0 38	16 17	0 54	26 47	3 9	2 16	1 49	1 47			n.a.
F 26	11 42	18 1	3 41	17 39	1 45	9 9	0 55	17 9	0 26	13 22	1 34	23 28	0 11	1 32	0 38	16 16	0 54	26 47	3 9	2 17	1 48	1 51			n.a.
S 27	12 4	11 59	2 38	18 11	1 49	9 39	0 53	17 23	0 27	13 22	1 34	23 28	0 11	1 33	0 38	16 16	0 54	26 47	3 10	2 17	1 47	1 54			n.a.
S 28	12 25	5 11	1 24	18 42	1 54	10 8	0 51	17 36	0 27	13 22	1 33	23 29	0 11	1 34	0 38	16 16	0 54	26 48	3 10	2 18	1 45	1 58			n.a.
M29	12 46	2s 1	0 3	19 12	1 58	10 37	0 49	17 49	0 28	13 21	1 33	23 29	0 11	1 36	0 38	16 16	0 54	26 48	3 10	2 18	1 44	2 1			n.a.
T 30	13 7	9 11	1s18	19 41	2 2	11 6	0 47	18 3	0 28	13 21	1 33	23 29	0 11	1 37	0 38	16 15	0 54	26 48	3 10	2 18	1 43	2 4			n.a.
W31	13s28	15s50	2s35	20s 9	2s 6	11s34	0n45	18s16	0s29	13s20	1s33	23s29	0n11	1s38	0n38	16n15	0n54	26n48	3n10	2n17	1n41	2n 8			n.a.

Julian Day Number = 1705990.5, Delta T = 03h03m09s
Ecliptic obliquity = 23°42'10, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°38'47, Lahiri = - 4°31'47 Julian Calendar 1 Oct. 43 BCE == Greg. Calendar 29 Sept. 043 BCE

The year -42 astronomical counting style corresponds to year 043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 43 BCE
geocentric

NOVEMBER 43 BCE (-42) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 29 46	6♏24'01	20♏ 8	22♏14	3♏10	20♏15	29♒10	27♐ 8	5♎36	18♑40	4°R16	5°R38	4♈ 9	5♈14	n.a.	T 1
F 2	2 33 42	7°25'00	4♐47	23°42	4°25	21° 0	29°11	27°13	5°39	18°40	4♋15	5♈33	4° 6	5°21	n.a.	F 2
S 3	2 37 39	8°25'59	19° 2	25°10	5°41	21°45	29°12	27°18	5°43	18°41	4°14	5°28	4° 3	5°27	n.a.	S 3
S 4	2 41 36	9°26'59	2♑50	26°37	6°56	22°30	29°13	27°24	5°46	18°42	4°14	5°23	4° 0	5°34	n.a.	S 4
M 5	2 45 32	10°28'00	16°11	28° 3	8°12	23°16	29°15	27°30	5°49	18°42	4°13	5°19	3°57	5°41	n.a.	M 5
T 6	2 49 29	11°29'02	29° 4	29°29	9°28	24° 1	29°17	27°35	5°52	18°43	4°12	5°17	3°54	5°47	n.a.	T 6
W 7	2 53 25	12°30'05	11♒35	0♐53	10°43	24°46	29°19	27°41	5°56	18°44	4°12	5°D16	3°50	5°54	n.a.	W 7
T 8	2 57 22	13°31'08	23°47	2°16	11°59	25°32	29°21	27°47	5°59	18°44	4°11	5°16	3°47	6° 1	n.a.	T 8
F 9	3 1 18	14°32'12	5♓46	3°38	13°14	26°18	29°23	27°52	6° 2	18°45	4°10	5°18	3°44	6° 7	n.a.	F 9
S 10	3 5 15	15°33'16	17°36	4°58	14°30	27° 3	29°26	27°58	6° 5	18°45	4° 9	5°20	3°41	6°14	n.a.	S 10
S 11	3 9 11	16°34'21	29°23	6°17	15°45	27°49	29°29	28° 4	6° 8	18°46	4° 8	5°R21	3°38	6°21	n.a.	S 11
M12	3 13 8	17°35'27	11♈10	7°33	17° 1	28°34	29°32	28°10	6°11	18°46	4° 8	5°21	3°34	6°27	n.a.	M12
T 13	3 17 5	18°36'33	23° 2	8°46	18°17	29°20	29°35	28°16	6°14	18°46	4° 7	5°19	3°31	6°34	n.a.	T 13
W14	3 21 1	19°37'40	5♉ 1	9°57	19°32	0♐ 6	29°38	28°22	6°17	18°47	4° 6	5°15	3°28	6°40	n.a.	W14
T 15	3 24 58	20°38'47	17°10	11° 4	20°48	0°52	29°42	28°28	6°20	18°47	4° 5	5° 9	3°25	6°47	n.a.	T 15
F 16	3 28 54	21°39'56	29°30	12° 7	22° 3	1°38	29°46	28°34	6°23	18°47	4° 4	5° 1	3°22	6°54	n.a.	F 16
S 17	3 32 51	22°41'05	12♊ 1	13° 6	23°19	2°23	29°50	28°41	6°26	18°47	4° 3	4°52	3°19	7° 0	n.a.	S 17
S 18	3 36 47	23°42'15	24°45	13°59	24°34	3° 9	29°54	28°47	6°29	18°48	4° 2	4°42	3°15	7° 7	n.a.	S 18
M19	3 40 44	24°43'25	7♋40	14°46	25°50	3°55	29°58	28°53	6°32	18°48	4° 1	4°34	3°12	7°14	n.a.	M19
T 20	3 44 40	25°44'36	20°48	15°27	27° 5	4°41	0♓ 3	28°59	6°35	18°48	4° 0	4°27	3° 9	7°20	n.a.	T 20
W21	3 48 37	26°45'48	4♌ 8	15°59	28°21	5°27	0° 8	29° 6	6°38	18°48	3°59	4°22	3° 6	7°27	n.a.	W21
T 22	3 52 34	27°47'01	17°41	16°23	29°36	6°14	0°13	29°12	6°40	18°48	3°58	4°20	3° 3	7°34	n.a.	T 22
F 23	3 56 30	28°48'14	1♍29	16°38	0♐52	7° 0	0°18	29°19	6°43	18°R48	3°57	4°D19	3° 0	7°40	n.a.	F 23
S 24	4 0 27	29°49'28	15°30	16°R42	2° 7	7°46	0°23	29°25	6°46	18°48	3°56	4°20	2°56	7°47	n.a.	S 24
S 25	4 4 23	0♐50'42	29°46	16°36	3°23	8°32	0°28	29°32	6°48	18°48	3°55	4°R21	2°53	7°54	n.a.	S 25
M26	4 8 20	1°51'57	14♎15	16°17	4°38	9°18	0°34	29°38	6°51	18°48	3°54	4°20	2°50	8° 0	n.a.	M26
T 27	4 12 16	2°53'12	28°52	15°47	5°54	10° 5	0°40	29°45	6°53	18°48	3°53	4°18	2°47	8° 7	n.a.	T 27
W28	4 16 13	3°54'28	13♏34	15° 6	7° 9	10°51	0°46	29°51	6°56	18°48	3°52	4°13	2°44	8°13	n.a.	W28
T 29	4 20 10	4°55'45	28°13	14°13	8°25	11°37	0°52	29°58	6°58	18°48	3°50	4° 5	2°40	8°20	n.a.	T 29
F 30	4 24 6	5♐57'01	12♐41	13♐10	9♐40	12♐24	0♓58	0♑ 5	7♎ 1	18♑47	3♋49	3♈55	2♈37	8♈27	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s48	21s30	3s40	20s36	2s 9	12s 2	0n43	18s29	0s30	13s20	1s32	23s29	0n11	1s40	0n38	16n15	0n54	26n48	3n10	2n16	1n40	2n11		n.a.
F 2	14 8	25 44	4 29	21 2	2 12	12 30	0 41	18 41	0 30	13 19	1 32	23 30	0 11	1 41	0 38	16 15	0 54	26 48	3 10	2 14	1 39	2 15		n.a.
S 3	14 28	28 13	5 0	21 27	2 15	12 57	0 38	18 54	0 31	13 19	1 32	23 30	0 11	1 42	0 38	16 15	0 54	26 48	3 11	2 12	1 38	2 18		n.a.
S 4	14 48	28 52	5 12	21 50	2 17	13 25	0 36	19 6	0 31	13 18	1 32	23 30	0 11	1 44	0 38	16 14	0 54	26 49	3 11	2 10	1 36	2 22		n.a.
M 5	15 7	27 47	5 7	22 12	2 19	13 51	0 34	19 18	0 32	13 17	1 31	23 30	0 10	1 45	0 38	16 14	0 54	26 49	3 11	2 8	1 35	2 25		n.a.
T 6	15 27	25 14	4 46	22 33	2 21	14 18	0 32	19 31	0 33	13 16	1 31	23 30	0 10	1 46	0 38	16 14	0 54	26 49	3 11	2 7	1 34	2 29		n.a.
W 7	15 46	21 31	4 12	22 52	2 22	14 44	0 30	19 42	0 33	13 15	1 31	23 31	0 10	1 48	0 38	16 14	0 54	26 49	3 11	2 7	1 33	2 32		n.a.
T 8	16 4	16 59	3 27	23 10	2 22	15 10	0 27	19 54	0 34	13 14	1 30	23 31	0 10	1 49	0 38	16 14	0 54	26 49	3 11	2 7	1 31	2 36		n.a.
F 9	16 23	11 53	2 34	23 26	2 22	15 35	0 25	20 5	0 34	13 13	1 30	23 31	0 10	1 50	0 38	16 14	0 54	26 49	3 11	2 8	1 30	2 39		n.a.
S 10	16 41	6 25	1 35	23 40	2 21	16 0	0 23	20 17	0 35	13 12	1 30	23 31	0 10	1 51	0 38	16 14	0 54	26 50	3 12	2 8	1 29	2 43		n.a.
S 11	16 58	0 45	0 32	23 53	2 20	16 25	0 21	20 28	0 35	13 11	1 30	23 31	0 10	1 53	0 38	16 13	0 54	26 50	3 12	2 9	1 27	2 46		n.a.
M12	17 16	4n57	0n32	24 4	2 18	16 49	0 18	20 39	0 36	13 9	1 29	23 32	0 10	1 54	0 38	16 13	0 54	26 50	3 12	2 9	1 26	2 50		n.a.
T 13	17 33	10 31	1 34	24 14	2 15	17 12	0 16	20 49	0 37	13 8	1 29	23 32	0 10	1 55	0 38	16 13	0 54	26 50	3 12	2 8	1 25	2 53		n.a.
W14	17 50	15 45	2 34	24 21	2 11	17 35	0 14	21 0	0 37	13 6	1 29	23 32	0 10	1 56	0 38	16 13	0 54	26 50	3 12	2 6	1 24	2 57		n.a.
T 15	18 7	20 27	3 27	24 26	2 7	17 58	0 11	21 10	0 38	13 5	1 28	23 32	0 10	1 57	0 39	16 13	0 54	26 50	3 12	2 4	1 22	3 0		n.a.
F 16	18 23	24 20	4 11	24 30	2 1	18 20	0 9	21 20	0 38	13 3	1 28	23 32	0 9	1 59	0 39	16 13	0 54	26 51	3 12	2 1	1 21	3 3		n.a.
S 17	18 39	27 9	4 43	24 31	1 54	18 42	0 6	21 30	0 39	13 2	1 28	23 32	0 9	2 0	0 39	16 13	0 54	26 51	3 12	1 57	1 20	3 7		n.a.
S 18	18 54	28 38	5 2	24 30	1 47	19 3	0 4	21 40	0 39	13 0	1 28	23 32	0 9	2 1	0 39	16 13	0 55	26 51	3 13	1 53	1 19	3 10		n.a.
M19	19 9	28 34	5 6	24 27	1 38	19 24	0 2	21 49	0 40	12 58	1 27	23 33	0 9	2 2	0 39	16 13	0 55	26 51	3 13	1 50	1 17	3 14		n.a.
T 20	19 24	26 55	4 55	24 21	1 28	19 44	0s 1	21 58	0 40	12 56	1 27	23 33	0 9	2 3	0 39	16 13	0 55	26 51	3 13	1 47	1 16	3 17		n.a.
W21	19 39	23 45	4 27	24 13	1 16	20 4	0 3	22 7	0 41	12 54	1 27	23 33	0 9	2 4	0 39	16 13	0 55	26 51	3 13	1 45	1 15	3 21		n.a.
T 22	19 53	19 15	3 44	24 3	1 4	20 23	0 5	22 16	0 41	12 52	1 27	23 33	0 9	2 5	0 39	16 13	0 55	26 52	3 13	1 44	1 13	3 24		n.a.
F 23	20 7	13 40	2 47	23 51	0 49	20 41	0 8	22 24	0 42	12 50	1 26	23 33	0 9	2 6	0 39	16 13	0 55	26 52	3 13	1 44	1 12	3 28		n.a.
S 24	20 20	7 18	1 39	23 36	0 34	20 59	0 10	22 33	0 42	12 48	1 26	23 33	0 9	2 7	0 39	16 13	0 55	26 52	3 13	1 44	1 11	3 31		n.a.
S 25	20 33	0 28	0 25	23 18	0 17	21 16	0 13	22 40	0 43	12 46	1 26	23 33	0 9	2 8	0 39	16 13	0 55	26 52	3 13	1 45	1 10	3 35		n.a.
M26	20 46	6s29	0s53	22 58	0n 1	21 33	0 15	22 48	0 43	12 43	1 26	23 33	0 9	2 9	0 39	16 13	0 55	26 52	3 14	1 45	1 8	3 38		n.a.
T 27	20 58	13 10	2 7	22 36	0 20	21 49	0 17	22 56	0 44	12 41	1 25	23 34	0 9	2 10	0 39	16 13	0 55	26 52	3 14	1 44	1 7	3 42		n.a.
W28	21 10	19 9	3 14	22 12	0 39	22 4	0 20	23 3	0 44	12 39	1 25	23 34	0 9	2 11	0 39	16 13	0 55	26 52	3 14	1 42	1 6	3 45		n.a.
T 29	21 21	23 59	4 7	21 46	0 59	22 19	0 22	23 10	0 45	12 36	1 25	23 34	0 8	2 12	0 39	16 14	0 55	26 53	3 14	1 38	1 4	3 48		n.a.
F 30	21s32	27s15	4s43	21s19	1n19	22s33	0s24	23s17	0s45	12s34	1s25	23s34	0n 8	2s13	0n39	16n14	0n55	26n53	3n14	1n34	1n 3	3n52		n.a.

Julian Day Number = 1706021.5, Delta T = 03h03m08s
Ecliptic obliquity = 23°42'10, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°38'43, Lahiri = - 4°31'42 Julian Calendar 1 Nov. 43 BCE == Greg. Calendar 30 Oct. 043 BCE

The year -42 astronomical counting style corresponds to year 043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 43 BCE
geocentric

DECEMBER 43 BCE (-42) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 28 3	6♐58'18	26♐52	11°R59	10♐56	13♐10	1♓ 5	0♑12	7♎ 3	18°R47	3°R48	3°R44	2♈34	8♈33	n.a.	S 1
S 2	4 31 59	7°59'34	10♑41	10♐42	12°11	13°57	1°12	0°18	7° 5	18♏47	3♋47	3♈34	2°31	8°40	n.a.	S 2
M 3	4 35 56	9° 0'51	24° 4	9°22	13°27	14°43	1°18	0°25	7° 8	18°47	3°46	3°24	2°28	8°47	n.a.	M 3
T 4	4 39 52	10° 2'07	7♒ 2	8° 1	14°42	15°30	1°25	0°32	7°10	18°46	3°45	3°17	2°25	8°53	n.a.	T 4
W 5	4 43 49	11° 3'23	19°36	6°41	15°58	16°17	1°33	0°39	7°12	18°46	3°43	3°12	2°21	9° 0	n.a.	W 5
T 6	4 47 45	12° 4'38	1♓51	5°25	17°13	17° 3	1°40	0°46	7°14	18°45	3°42	3°10	2°18	9° 7	n.a.	T 6
F 7	4 51 42	13° 5'53	13°51	4°16	18°29	17°50	1°47	0°53	7°16	18°45	3°41	3°D 9	2°15	9°13	n.a.	F 7
S 8	4 55 39	14° 7'07	25°42	3°15	19°44	18°37	1°55	1° 0	7°18	18°45	3°40	3°10	2°12	9°20	n.a.	S 8
S 9	4 59 35	15° 8'21	7♈28	2°23	20°59	19°23	2° 3	1° 7	7°20	18°44	3°38	3°R10	2° 9	9°27	n.a.	S 9
M10	5 3 32	16° 9'34	19°17	1°40	22°15	20°10	2°11	1°14	7°22	18°43	3°37	3° 8	2° 6	9°33	n.a.	M10
T 11	5 7 28	17°10'47	1♉12	1° 8	23°30	20°57	2°19	1°21	7°24	18°43	3°36	3° 5	2° 2	9°40	n.a.	T 11
W12	5 11 25	18°11'59	13°18	0°46	24°46	21°44	2°27	1°28	7°26	18°42	3°35	2°59	1°59	9°47	n.a.	W12
T 13	5 15 21	19°13'11	25°37	0°33	26° 1	22°30	2°36	1°35	7°28	18°42	3°33	2°50	1°56	9°53	n.a.	T 13
F 14	5 19 18	20°14'22	8♊11	0°D29	27°16	23°17	2°44	1°42	7°29	18°41	3°32	2°38	1°53	10° 0	n.a.	F 14
S 15	5 23 14	21°15'33	21° 2	0°34	28°32	24° 4	2°53	1°49	7°31	18°40	3°31	2°25	1°50	10° 6	n.a.	S 15
S 16	5 27 11	22°16'43	4♋ 7	0°47	29°47	24°51	3° 2	1°56	7°33	18°40	3°29	2°11	1°46	10°13	n.a.	S 16
M17	5 31 8	23°17'53	17°26	1° 7	1♑ 2	25°38	3°11	2° 3	7°34	18°39	3°28	1°59	1°43	10°20	n.a.	M17
T 18	5 35 4	24°19'02	0♌56	1°34	2°18	26°25	3°20	2°10	7°36	18°38	3°27	1°48	1°40	10°26	n.a.	T 18
W19	5 39 1	25°20'11	14°36	2° 7	3°33	27°12	3°29	2°17	7°37	18°37	3°25	1°40	1°37	10°33	n.a.	W19
T 20	5 42 57	26°21'19	28°23	2°46	4°48	27°59	3°38	2°24	7°39	18°36	3°24	1°35	1°34	10°40	n.a.	T 20
F 21	5 46 54	27°22'27	12♍17	3°29	6° 3	28°46	3°48	2°31	7°40	18°35	3°23	1°33	1°31	10°46	n.a.	F 21
S 22	5 50 50	28°23'35	26°16	4°17	7°19	29°33	3°57	2°38	7°41	18°35	3°21	1°32	1°27	10°53	n.a.	S 22
S 23	5 54 47	29°24'42	10♎20	5° 8	8°34	0♑20	4° 7	2°46	7°43	18°34	3°20	1°32	1°24	11° 0	n.a.	S 23
M24	5 58 44	0♑25'48	24°30	6° 4	9°49	1° 7	4°17	2°53	7°44	18°33	3°19	1°31	1°21	11° 6	n.a.	M24
T 25	6 2 40	1°26'54	8♏43	7° 2	11° 4	1°54	4°27	3° 0	7°45	18°32	3°17	1°28	1°18	11°13	n.a.	T 25
W26	6 6 37	2°27'59	22°57	8° 4	12°20	2°41	4°37	3° 7	7°46	18°31	3°16	1°22	1°15	11°20	n.a.	W26
T 27	6 10 33	3°29'04	7♐ 8	9° 8	13°35	3°29	4°47	3°14	7°47	18°30	3°15	1°12	1°12	11°26	n.a.	T 27
F 28	6 14 30	4°30'08	21°12	10°14	14°50	4°16	4°58	3°21	7°48	18°28	3°13	1° 1	1° 8	11°33	n.a.	F 28
S 29	6 18 26	5°31'11	5♑ 4	11°23	16° 5	5° 3	5° 8	3°28	7°49	18°27	3°12	0°48	1° 5	11°40	n.a.	S 29
S 30	6 22 23	6°32'13	18°39	12°34	17°20	5°50	5°19	3°36	7°50	18°26	3°11	0°34	1° 2	11°46	n.a.	S 30
M31	6 26 19	7♑33'14	1♒54	13♐46	18♑36	6♑37	5♓29	3♑43	7♎51	18♏25	3♋ 9	0♈23	0♈59	11♈53	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s43	28s41	5s 1	20s50	1n39	22s46	0s26	23s23	0s46	12s31	1s24	23s34	0n 8	2s14	0n39	16n14	0n55	26n53	3n14	1n30	1n 2	3n55		n.a.
S 2	21 53	28 16	5 1	20 21	1 58	22 59	0 29	23 30	0 46	12 29	1 24	23 34	0 8	2 15	0 39	16 14	0 55	26 53	3 14	1 26	1 1	3 59		n.a.
M 3	22 3	26 12	4 44	19 53	2 15	23 11	0 31	23 36	0 47	12 26	1 24	23 34	0 8	2 16	0 39	16 14	0 55	26 53	3 14	1 22	0 59	4 2		n.a.
T 4	22 12	22 47	4 13	19 25	2 30	23 22	0 33	23 41	0 47	12 23	1 24	23 34	0 8	2 17	0 39	16 14	0 55	26 53	3 14	1 19	0 58	4 6		n.a.
W 5	22 21	18 25	3 30	18 59	2 44	23 32	0 35	23 47	0 48	12 20	1 23	23 34	0 8	2 18	0 39	16 14	0 55	26 53	3 15	1 17	0 57	4 9		n.a.
T 6	22 29	13 24	2 39	18 35	2 54	23 42	0 38	23 52	0 48	12 17	1 23	23 34	0 8	2 18	0 39	16 15	0 55	26 54	3 15	1 16	0 56	4 13		n.a.
F 7	22 37	7 58	1 41	18 14	3 3	23 51	0 40	23 57	0 49	12 14	1 23	23 34	0 8	2 19	0 39	16 15	0 55	26 54	3 15	1 16	0 54	4 16		n.a.
S 8	22 45	2 20	0 40	17 57	3 9	24 0	0 42	24 1	0 49	12 11	1 23	23 34	0 8	2 20	0 39	16 15	0 55	26 54	3 15	1 16	0 53	4 20		n.a.
S 9	22 52	3n21	0n23	17 43	3 13	24 7	0 44	24 6	0 50	12 8	1 22	23 34	0 8	2 21	0 39	16 15	0 55	26 54	3 15	1 16	0 52	4 23		n.a.
M10	22 58	8 56	1 25	17 33	3 15	24 14	0 46	24 10	0 50	12 5	1 22	23 34	0 8	2 21	0 39	16 15	0 55	26 54	3 15	1 16	0 50	4 26		n.a.
T 11	23 5	14 15	2 23	17 26	3 14	24 21	0 48	24 14	0 50	12 2	1 22	23 34	0 7	2 22	0 39	16 16	0 55	26 54	3 15	1 14	0 49	4 30		n.a.
W12	23 10	19 6	3 16	17 24	3 12	24 26	0 50	24 17	0 51	11 59	1 22	23 34	0 7	2 23	0 39	16 16	0 56	26 54	3 15	1 12	0 48	4 33		n.a.
T 13	23 16	23 15	4 0	17 24	3 9	24 31	0 52	24 20	0 51	11 56	1 21	23 34	0 7	2 24	0 39	16 16	0 56	26 55	3 15	1 8	0 47	4 37		n.a.
F 14	23 20	26 25	4 34	17 28	3 4	24 34	0 54	24 23	0 52	11 52	1 21	23 34	0 7	2 24	0 39	16 16	0 56	26 55	3 15	1 3	0 45	4 40		n.a.
S 15	23 25	28 17	4 54	17 35	2 59	24 38	0 56	24 26	0 52	11 49	1 21	23 34	0 7	2 25	0 39	16 16	0 56	26 55	3 16	0 58	0 44	4 44		n.a.
S 16	23 28	28 38	5 0	17 44	2 52	24 40	0 58	24 29	0 53	11 45	1 21	23 34	0 7	2 25	0 39	16 17	0 56	26 55	3 16	0 53	0 43	4 47		n.a.
M17	23 32	27 20	4 50	17 55	2 45	24 42	1 0	24 31	0 53	11 42	1 20	23 34	0 7	2 26	0 39	16 17	0 56	26 55	3 16	0 48	0 42	4 51		n.a.
T 18	23 35	24 26	4 23	18 8	2 37	24 42	1 1	24 33	0 53	11 38	1 20	23 34	0 7	2 27	0 39	16 17	0 56	26 55	3 16	0 43	0 40	4 54		n.a.
W19	23 37	20 9	3 41	18 23	2 29	24 42	1 3	24 34	0 54	11 35	1 20	23 34	0 7	2 27	0 39	16 18	0 56	26 55	3 16	0 40	0 39	4 57		n.a.
T 20	23 39	14 45	2 46	18 39	2 20	24 42	1 5	24 35	0 54	11 31	1 20	23 34	0 7	2 28	0 39	16 18	0 56	26 55	3 16	0 38	0 38	5 1		n.a.
F 21	23 41	8 34	1 40	18 56	2 12	24 40	1 6	24 36	0 55	11 28	1 20	23 34	0 7	2 28	0 39	16 18	0 56	26 56	3 16	0 37	0 36	5 4		n.a.
S 22	23 42	1 56	0 28	19 14	2 2	24 38	1 8	24 37	0 55	11 24	1 19	23 34	0 7	2 29	0 39	16 19	0 56	26 56	3 16	0 37	0 35	5 8		n.a.
S 23	23 42	4s51	0s46	19 32	1 53	24 35	1 10	24 37	0 55	11 20	1 19	23 34	0 7	2 29	0 40	16 19	0 56	26 56	3 16	0 37	0 34	5 11		n.a.
M24	23 42	11 25	1 58	19 51	1 44	24 31	1 11	24 38	0 56	11 16	1 19	23 34	0 6	2 30	0 40	16 19	0 56	26 56	3 16	0 37	0 33	5 15		n.a.
T 25	23 42	17 26	3 3	20 10	1 35	24 26	1 13	24 37	0 56	11 12	1 19	23 34	0 6	2 30	0 40	16 20	0 56	26 56	3 16	0 35	0 31	5 18		n.a.
W26	23 41	22 31	3 56	20 29	1 25	24 21	1 14	24 37	0 56	11 8	1 19	23 34	0 6	2 31	0 40	16 20	0 56	26 56	3 16	0 33	0 30	5 21		n.a.
T 27	23 39	26 15	4 34	20 49	1 16	24 15	1 15	24 36	0 57	11 4	1 18	23 33	0 6	2 31	0 40	16 20	0 56	26 56	3 17	0 29	0 29	5 25		n.a.
F 28	23 37	28 19	4 56	21 8	1 7	24 8	1 17	24 35	0 57	11 0	1 18	23 33	0 6	2 31	0 40	16 21	0 56	26 56	3 17	0 24	0 27	5 28		n.a.
S 29	23 35	28 35	4 59	21 27	0 58	24 1	1 18	24 34	0 57	10 56	1 18	23 33	0 6	2 32	0 40	16 21	0 56	26 56	3 17	0 19	0 26	5 32		n.a.
S 30	23 32	27 6	4 46	21 45	0 49	23 52	1 19	24 32	0 58	10 52	1 18	23 33	0 6	2 32	0 40	16 21	0 56	26 56	3 17	0 14	0 25	5 35		n.a.
M31	23s29	24s 7	4s17	22s 3	0n40	23s43	1s20	24s30	0s58	10s48	1s18	23s33	0n 6	2s32	0n40	16n22	0n56	26n57	3n17	0n 9	0n24	5n39		n.a.

Julian Day Number = 1706051.5, Delta T = 03h03m07s
Ecliptic obliquity = 23°42'09, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°38'39, Lahiri = - 4°31'38 Julian Calendar 1 Dec. 43 BCE == Greg. Calendar 29 Nov. 043 BCE

The year -42 astronomical counting style corresponds to year 043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 42 BCE
geocentric

JANUARY 42 BCE (-41) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 30 16	8♑34'13	14♒47	15♐ 1	19♑51	7♑25	5♓40	3♑50	7♎52	18°R24	3°R 8	0°R13	0♈56	12♈ 0	n.a.	T 1
W 2	6 34 13	9°35'11	27°21	16°17	21° 6	8°12	5°51	3°57	7°52	18♎23	3♋ 7	0♈ 6	0°52	12° 6	n.a.	W 2
T 3	6 38 9	10°36'08	9♓36	17°34	22°21	8°59	6° 2	4° 4	7°53	18°22	3° 5	0° 2	0°49	12°13	n.a.	T 3
F 4	6 42 6	11°37'04	21°37	18°53	23°36	9°46	6°13	4°11	7°54	18°20	3° 4	0° 1	0°46	12°19	n.a.	F 4
S 5	6 46 2	12°37'57	3♈29	20°13	24°51	10°34	6°24	4°18	7°54	18°19	3° 3	0°D 0	0°43	12°26	n.a.	S 5
S 6	6 49 59	13°38'50	15°16	21°34	26° 6	11°21	6°36	4°25	7°55	18°18	3° 1	0°R 1	0°40	12°33	n.a.	S 6
M 7	6 53 55	14°39'40	27° 6	22°56	27°21	12° 8	6°47	4°32	7°55	18°16	3° 0	29♓59	0°37	12°39	n.a.	M 7
T 8	6 57 52	15°40'30	9♉ 2	24°20	28°36	12°55	6°58	4°40	7°56	18°15	2°59	29°57	0°33	12°46	n.a.	T 8
W 9	7 1 48	16°41'17	21°10	25°44	29°51	13°43	7°10	4°47	7°56	18°14	2°57	29°52	0°30	12°53	n.a.	W 9
T 10	7 5 45	17°42'03	3♊35	27°10	1♒ 6	14°30	7°22	4°54	7°56	18°12	2°56	29°45	0°27	12°59	n.a.	T 10
F 11	7 9 42	18°42'48	16°19	28°36	2°21	15°17	7°34	5° 1	7°56	18°11	2°55	29°35	0°24	13° 6	n.a.	F 11
S 12	7 13 38	19°43'31	29°24	0♑ 3	3°36	16° 5	7°45	5° 8	7°57	18°10	2°53	29°23	0°21	13°13	n.a.	S 12
S 13	7 17 35	20°44'12	12♋48	1°32	4°51	16°52	7°57	5°15	7°57	18° 8	2°52	29°11	0°18	13°19	n.a.	S 13
M14	7 21 31	21°44'52	26°30	3° 1	6° 6	17°39	8° 9	5°22	7°57	18° 7	2°51	29° 0	0°14	13°26	n.a.	M14
T 15	7 25 28	22°45'30	10♌27	4°31	7°21	18°27	8°22	5°29	7°R57	18° 5	2°50	28°50	0°11	13°33	n.a.	T 15
W16	7 29 24	23°46'07	24°34	6° 2	8°36	19°14	8°34	5°35	7°57	18° 4	2°48	28°43	0° 8	13°39	n.a.	W16
T 17	7 33 21	24°46'42	8♍46	7°35	9°50	20° 1	8°46	5°42	7°57	18° 2	2°47	28°39	0° 5	13°46	n.a.	T 17
F 18	7 37 18	25°47'16	22°59	9° 7	11° 5	20°49	8°58	5°49	7°56	18° 1	2°46	28°D37	0° 2	13°53	n.a.	F 18
S 19	7 41 14	26°47'48	7♎11	10°41	12°20	21°36	9°11	5°56	7°56	17°59	2°45	28°38	29♓58	13°59	n.a.	S 19
S 20	7 45 11	27°48'19	21°20	12°16	13°35	22°23	9°23	6° 3	7°56	17°58	2°43	28°R38	29°55	14° 6	n.a.	S 20
M21	7 49 7	28°48'49	5♏25	13°52	14°49	23°11	9°36	6°10	7°56	17°56	2°42	28°38	29°52	14°13	n.a.	M21
T 22	7 53 4	29°49'18	19°24	15°28	16° 4	23°58	9°49	6°16	7°55	17°55	2°41	28°36	29°49	14°19	n.a.	T 22
W23	7 57 0	0♒49'45	3♐17	17° 6	17°19	24°45	10° 1	6°23	7°55	17°53	2°40	28°32	29°46	14°26	n.a.	W23
T 24	8 0 57	1°50'10	17° 3	18°44	18°34	25°32	10°14	6°30	7°54	17°51	2°39	28°26	29°43	14°32	n.a.	T 24
F 25	8 4 53	2°50'34	0♑39	20°23	19°48	26°20	10°27	6°37	7°54	17°50	2°38	28°17	29°39	14°39	n.a.	F 25
S 26	8 8 50	3°50'57	14° 4	22° 4	21° 3	27° 7	10°40	6°43	7°53	17°48	2°37	28° 7	29°36	14°46	n.a.	S 26
S 27	8 12 47	4°51'18	27°16	23°45	22°17	27°54	10°53	6°50	7°52	17°47	2°35	27°58	29°33	14°52	n.a.	S 27
M28	8 16 43	5°51'36	10♒12	25°27	23°32	28°42	11° 6	6°56	7°52	17°45	2°34	27°49	29°30	14°59	n.a.	M28
T 29	8 20 40	6°51'53	22°52	27°11	24°47	29°29	11°19	7° 3	7°51	17°43	2°33	27°41	29°27	15° 6	n.a.	T 29
W30	8 24 36	7°52'08	5♓17	28°55	26° 1	0♒16	11°32	7°10	7°50	17°42	2°32	27°36	29°24	15°12	n.a.	W30
T 31	8 28 33	8♒52'21	17♓28	0♒40	27♒16	1♒ 4	11♓46	7♑16	7♎49	17♎40	2♋31	27♓34	29♓20	15♈19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23s25	20s 0	3s35	22s20	0n31	23s33	1s21	24s28	0s58	10s44	1s17	23s33	0n 6	2s33	0n40	16n22	0n56	26n57	3n17	0n 5	0n22	5n42			n.a.
W 2	23 21	15 5	2 44	22 37	0 22	23 23	1 22	24 25	0 59	10 40	1 17	23 33	0 6	2 33	0 40	16 23	0 56	26 57	3 17	0 3	0 21	5 45			n.a.
T 3	23 16	9 41	1 46	22 53	0 14	23 12	1 23	24 23	0 59	10 35	1 17	23 33	0 6	2 33	0 40	16 23	0 56	26 57	3 17	0 1	0 20	5 49			n.a.
F 4	23 11	4 2	0 44	23 9	0 5	23 0	1 24	24 19	0 59	10 31	1 17	23 32	0 6	2 33	0 40	16 23	0 56	26 57	3 17	0 0	0 19	5 52			n.a.
S 5	23 6	1n41	0n18	23 23	0s 3	22 47	1 25	24 16	1 0	10 27	1 17	23 32	0 6	2 34	0 40	16 24	0 56	26 57	3 17	0 0	0 17	5 56			n.a.
S 6	23 0	7 18	1 20	23 37	0 11	22 34	1 26	24 12	1 0	10 22	1 17	23 32	0 6	2 34	0 40	16 24	0 56	26 57	3 17	0 0	0 16	5 59			n.a.
M 7	22 53	12 42	2 19	23 49	0 19	22 20	1 26	24 8	1 0	10 18	1 16	23 32	0 5	2 34	0 40	16 25	0 56	26 57	3 17	0s 0	0 15	6 3			n.a.
T 8	22 46	17 41	3 11	24 1	0 26	22 5	1 27	24 4	1 0	10 13	1 16	23 32	0 5	2 34	0 40	16 25	0 56	26 57	3 17	0 1	0 13	6 6			n.a.
W 9	22 39	22 3	3 57	24 12	0 34	21 50	1 28	24 0	1 1	10 9	1 16	23 32	0 5	2 34	0 40	16 26	0 56	26 57	3 17	0 3	0 12	6 9			n.a.
T 10	22 31	25 32	4 32	24 21	0 41	21 34	1 28	23 55	1 1	10 4	1 16	23 31	0 5	2 34	0 40	16 26	0 57	26 57	3 17	0 6	0 11	6 13			n.a.
F 11	22 23	27 52	4 54	24 29	0 48	21 17	1 29	23 50	1 1	10 0	1 16	23 31	0 5	2 34	0 40	16 27	0 57	26 58	3 17	0 10	0 10	6 16			n.a.
S 12	22 14	28 44	5 2	24 36	0 54	21 0	1 29	23 44	1 2	9 55	1 16	23 31	0 5	2 34	0 40	16 27	0 57	26 58	3 17	0 15	0 8	6 20			n.a.
S 13	22 5	27 57	4 54	24 42	1 1	20 42	1 29	23 39	1 2	9 51	1 15	23 31	0 5	2 34	0 40	16 27	0 57	26 58	3 18	0 20	0 7	6 23			n.a.
M14	21 55	25 28	4 28	24 47	1 7	20 24	1 30	23 33	1 2	9 46	1 15	23 31	0 5	2 34	0 40	16 28	0 57	26 58	3 18	0 24	0 6	6 26			n.a.
T 15	21 45	21 27	3 47	24 50	1 13	20 5	1 30	23 27	1 2	9 41	1 15	23 30	0 5	2 34	0 40	16 28	0 57	26 58	3 18	0 28	0 4	6 30			n.a.
W16	21 35	16 9	2 51	24 52	1 18	19 45	1 30	23 20	1 2	9 36	1 15	23 30	0 5	2 34	0 40	16 29	0 57	26 58	3 18	0 31	0 3	6 33			n.a.
T 17	21 24	9 58	1 44	24 53	1 24	19 25	1 30	23 13	1 3	9 32	1 15	23 30	0 5	2 34	0 40	16 29	0 57	26 58	3 18	0 33	0 2	6 37			n.a.
F 18	21 13	3 16	0 30	24 52	1 29	19 5	1 30	23 6	1 3	9 27	1 15	23 30	0 5	2 34	0 40	16 30	0 57	26 58	3 18	0 33	0 1	6 40			n.a.
S 19	21 2	3s35	0s46	24 49	1 34	18 43	1 30	22 59	1 3	9 22	1 15	23 29	0 5	2 34	0 40	16 30	0 57	26 58	3 18	0 33	0s 1	6 43			n.a.
S 20	20 50	10 14	1 58	24 45	1 38	18 22	1 30	22 52	1 3	9 17	1 14	23 29	0 5	2 34	0 40	16 31	0 57	26 58	3 18	0 33	0 2	6 47			n.a.
M21	20 37	16 21	3 3	24 40	1 42	18 0	1 30	22 44	1 3	9 12	1 14	23 29	0 4	2 34	0 40	16 31	0 57	26 58	3 18	0 33	0 3	6 50			n.a.
T 22	20 25	21 34	3 57	24 33	1 46	17 37	1 29	22 36	1 4	9 7	1 14	23 29	0 4	2 33	0 40	16 32	0 57	26 58	3 18	0 34	0 4	6 54			n.a.
W23	20 12	25 34	4 36	24 24	1 50	17 14	1 29	22 27	1 4	9 2	1 14	23 29	0 4	2 33	0 40	16 32	0 57	26 58	3 18	0 35	0 6	6 57			n.a.
T 24	19 58	28 2	4 59	24 14	1 53	16 50	1 29	22 19	1 4	8 57	1 14	23 28	0 4	2 33	0 41	16 33	0 57	26 58	3 18	0 38	0 7	7 0			n.a.
F 25	19 44	28 47	5 5	24 2	1 55	16 26	1 28	22 10	1 4	8 52	1 14	23 28	0 4	2 33	0 41	16 33	0 57	26 58	3 18	0 41	0 8	7 4			n.a.
S 26	19 30	27 49	4 54	23 49	1 58	16 1	1 28	22 1	1 4	8 47	1 14	23 28	0 4	2 32	0 41	16 34	0 57	26 58	3 18	0 45	0 10	7 7			n.a.
S 27	19 16	25 18	4 27	23 33	2 0	15 36	1 27	21 52	1 5	8 42	1 14	23 27	0 4	2 32	0 41	16 34	0 57	26 59	3 18	0 49	0 11	7 11			n.a.
M28	19 1	21 31	3 46	23 16	2 2	15 11	1 26	21 42	1 5	8 37	1 13	23 27	0 4	2 32	0 41	16 35	0 57	26 59	3 18	0 53	0 12	7 14			n.a.
T 29	18 46	16 48	2 56	22 57	2 3	14 45	1 26	21 32	1 5	8 32	1 13	23 27	0 4	2 32	0 41	16 36	0 57	26 59	3 18	0 56	0 13	7 17			n.a.
W30	18 30	11 29	1 57	22 37	2 4	14 19	1 25	21 22	1 5	8 26	1 13	23 27	0 4	2 31	0 41	16 36	0 57	26 59	3 18	0 58	0 15	7 21			n.a.
T 31	18s14	5s50	0s54	22s15	2s 4	13s52	1s24	21s12	1s 5	8s21	1s13	23s26	0n 4	2s31	0n41	16n37	0n57	26n59	3n18	0s59	0s16	7n24			n.a.

Julian Day Number = 1706082.5, Delta T = 03h03m06s
Ecliptic obliquity = 23°42'09, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°38'35, Lahiri = - 4°31'34 Julian Calendar 1 Jan. 42 BCE == Greg. Calendar 30 Dec. 043 BCE

The year -41 astronomical counting style corresponds to year 042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 42 BCE
geocentric

FEBRUARY 42 BCE (-41) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 32 29	9♒52'32	29♓27	2♒27	28♒30	1♒51	11♓59	7♑22	7°R48	17°R38	2°R30	27°D33	29♓17	15♈26	n.a.	F 1
S 2	8 36 26	10°52'40	11♈18	4°14	29°44	2°38	12°12	7°29	7♎47	17♌37	2♋29	27♓34	29°14	15°32	n.a.	S 2
S 3	8 40 22	11°52'47	23° 6	6° 3	0♓59	3°25	12°26	7°35	7°46	17°35	2°28	27°35	29°11	15°39	n.a.	S 3
M 4	8 44 19	12°52'51	4♉55	7°52	2°13	4°13	12°39	7°41	7°45	17°34	2°27	27°37	29° 8	15°46	n.a.	M 4
T 5	8 48 16	13°52'53	16°51	9°43	3°28	5° 0	12°53	7°48	7°44	17°32	2°26	27°R37	29° 4	15°52	n.a.	T 5
W 6	8 52 12	14°52'53	28°59	11°35	4°42	5°47	13° 6	7°54	7°43	17°30	2°25	27°36	29° 1	15°59	n.a.	W 6
T 7	8 56 9	15°52'51	11♊24	13°27	5°56	6°34	13°20	8° 0	7°42	17°29	2°24	27°33	28°58	16° 6	n.a.	T 7
F 8	9 0 5	16°52'46	24° 9	15°21	7°10	7°21	13°33	8° 6	7°41	17°27	2°23	27°28	28°55	16°12	n.a.	F 8
S 9	9 4 2	17°52'39	7♋19	17°16	8°25	8° 8	13°47	8°12	7°39	17°25	2°22	27°22	28°52	16°19	n.a.	S 9
S 10	9 7 58	18°52'30	20°52	19°11	9°39	8°56	14° 1	8°18	7°38	17°24	2°22	27°16	28°49	16°26	n.a.	S 10
M11	9 11 55	19°52'19	4♌49	21° 8	10°53	9°43	14°15	8°24	7°37	17°22	2°21	27° 9	28°45	16°32	n.a.	M11
T 12	9 15 51	20°52'06	19° 6	23° 5	12° 7	10°30	14°28	8°30	7°35	17°20	2°20	27° 4	28°42	16°39	n.a.	T 12
W13	9 19 48	21°51'50	3♍37	25° 3	13°21	11°17	14°42	8°36	7°34	17°19	2°19	27° 1	28°39	16°46	n.a.	W13
T 14	9 23 45	22°51'32	18°16	27° 2	14°35	12° 4	14°56	8°42	7°32	17°17	2°18	26°59	28°36	16°52	n.a.	T 14
F 15	9 27 41	23°51'12	2♎56	29° 1	15°49	12°51	15°10	8°48	7°31	17°15	2°17	26°D59	28°33	16°59	n.a.	F 15
S 16	9 31 38	24°50'51	17°32	1♐ 0	17° 3	13°38	15°24	8°53	7°29	17°14	2°17	27° 0	28°30	17° 5	n.a.	S 16
S 17	9 35 34	25°50'28	1♏58	3° 0	18°17	14°25	15°38	8°59	7°27	17°12	2°16	27° 1	28°26	17°12	n.a.	S 17
M18	9 39 31	26°50'02	16°12	4°59	19°31	15°12	15°52	9° 4	7°26	17°10	2°15	27° 2	28°23	17°19	n.a.	M18
T 19	9 43 27	27°49'36	0♐12	6°58	20°44	15°59	16° 6	9°10	7°24	17° 9	2°15	27°R 3	28°20	17°25	n.a.	T 19
W20	9 47 24	28°49'07	13°57	8°56	21°58	16°46	16°20	9°16	7°22	17° 7	2°14	27° 2	28°17	17°32	n.a.	W20
T 21	9 51 20	29°48'37	27°27	10°53	23°12	17°33	16°34	9°21	7°20	17° 5	2°13	27° 0	28°14	17°39	n.a.	T 21
F 22	9 55 17	0♓48'04	10♑43	12°49	24°26	18°20	16°48	9°26	7°18	17° 4	2°13	26°56	28°10	17°45	n.a.	F 22
S 23	9 59 13	1°47'30	23°44	14°42	25°39	19° 6	17° 3	9°32	7°17	17° 2	2°12	26°53	28° 7	17°52	n.a.	S 23
S 24	10 3 10	2°46'54	6♒32	16°34	26°53	19°53	17°17	9°37	7°15	17° 1	2°12	26°49	28° 4	17°59	n.a.	S 24
M25	10 7 7	3°46'15	19° 7	18°23	28° 7	20°40	17°31	9°42	7°13	16°59	2°11	26°45	28° 1	18° 5	n.a.	M25
T 26	10 11 3	4°45'35	1♓30	20° 8	29°20	21°27	17°45	9°47	7°11	16°57	2°10	26°42	27°58	18°12	n.a.	T 26
W27	10 15 0	5°44'52	13°42	21°51	0♈34	22°13	17°59	9°52	7° 9	16°56	2°10	26°40	27°55	18°19	n.a.	W27
T 28	10 18 56	6♓44'08	25♓44	23♓29	1♈47	23♒ 0	18♓14	9♑57	7♎ 7	16♌54	2♋10	26°D40	27♓51	18♈25	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s58	0s 4	0n10	21s50	2s 4	13s25	1s23	21s 1	1s 5	8s16	1s13	23s26	0n 4	2s30	0n41	16n37	0n57	26n59	3n18	0s59	0s17	7n28		n.a.
S 2	17 42	5n39	1 14	21 24	2 3	12 58	1 22	20 51	1 5	8 11	1 13	23 26	0 4	2 30	0 41	16 38	0 57	26 59	3 18	0 59	0 18	7 31		n.a.
S 3	17 25	11 8	2 14	20 57	2 2	12 30	1 21	20 40	1 5	8 5	1 13	23 25	0 3	2 30	0 41	16 38	0 57	26 59	3 18	0 58	0 20	7 34		n.a.
M 4	17 8	16 15	3 8	20 27	2 1	12 2	1 20	20 29	1 5	8 0	1 13	23 25	0 3	2 29	0 41	16 39	0 57	26 59	3 18	0 58	0 21	7 38		n.a.
T 5	16 51	20 48	3 55	19 55	1 59	11 34	1 18	20 17	1 6	7 55	1 13	23 25	0 3	2 29	0 41	16 39	0 57	26 59	3 18	0 57	0 22	7 41		n.a.
W 6	16 33	24 35	4 33	19 22	1 56	11 5	1 17	20 6	1 6	7 49	1 13	23 25	0 3	2 28	0 41	16 40	0 57	26 59	3 18	0 58	0 24	7 44		n.a.
T 7	16 15	27 19	4 58	18 47	1 53	10 36	1 16	19 54	1 6	7 44	1 12	23 24	0 3	2 28	0 41	16 40	0 57	26 59	3 18	0 59	0 25	7 48		n.a.
F 8	15 57	28 44	5 10	18 9	1 50	10 7	1 14	19 42	1 6	7 39	1 12	23 24	0 3	2 27	0 41	16 41	0 57	26 59	3 18	1 1	0 26	7 51		n.a.
S 9	15 38	28 35	5 6	17 31	1 46	9 38	1 13	19 29	1 6	7 33	1 12	23 24	0 3	2 27	0 41	16 41	0 57	26 59	3 18	1 3	0 27	7 55		n.a.
S 10	15 20	26 45	4 45	16 50	1 41	9 8	1 12	19 17	1 6	7 28	1 12	23 23	0 3	2 26	0 41	16 42	0 57	26 59	3 18	1 6	0 29	7 58		n.a.
M11	15 1	23 15	4 6	16 7	1 36	8 39	1 10	19 4	1 6	7 22	1 12	23 23	0 3	2 25	0 41	16 42	0 57	26 59	3 18	1 9	0 30	8 1		n.a.
T 12	14 42	18 18	3 12	15 23	1 30	8 9	1 8	18 51	1 6	7 17	1 12	23 23	0 3	2 25	0 41	16 43	0 57	26 59	3 18	1 11	0 31	8 5		n.a.
W13	14 22	12 13	2 4	14 37	1 23	7 38	1 7	18 38	1 6	7 12	1 12	23 22	0 3	2 24	0 41	16 43	0 57	26 59	3 18	1 12	0 33	8 8		n.a.
T 14	14 3	5 25	0 47	13 50	1 16	7 8	1 5	18 25	1 6	7 6	1 12	23 22	0 3	2 24	0 41	16 44	0 57	26 59	3 18	1 13	0 34	8 11		n.a.
F 15	13 43	1s41	0s33	13 1	1 9	6 37	1 3	18 12	1 6	7 1	1 12	23 22	0 3	2 23	0 41	16 44	0 57	26 59	3 18	1 13	0 35	8 15		n.a.
S 16	13 23	8 39	1 50	12 11	1 0	6 6	1 1	17 58	1 6	6 55	1 12	23 22	0 3	2 22	0 41	16 45	0 57	26 59	3 18	1 12	0 36	8 18		n.a.
S 17	13 3	15 6	3 0	11 19	0 52	5 35	0 59	17 44	1 6	6 49	1 12	23 21	0 2	2 22	0 41	16 45	0 57	26 59	3 18	1 12	0 38	8 21		n.a.
M18	12 42	20 39	3 58	10 26	0 42	5 4	0 57	17 30	1 6	6 44	1 12	23 21	0 2	2 21	0 41	16 46	0 57	26 59	3 18	1 11	0 39	8 25		n.a.
T 19	12 22	24 58	4 40	9 33	0 32	4 33	0 55	17 16	1 6	6 38	1 12	23 21	0 2	2 20	0 41	16 47	0 57	26 59	3 18	1 11	0 40	8 28		n.a.
W20	12 1	27 47	5 5	8 38	0 22	4 2	0 53	17 2	1 6	6 33	1 11	23 20	0 2	2 20	0 41	16 47	0 57	26 59	3 18	1 12	0 41	8 31		n.a.
T 21	11 40	28 54	5 14	7 44	0 11	3 30	0 51	16 47	1 6	6 27	1 11	23 20	0 2	2 19	0 41	16 48	0 57	26 59	3 18	1 12	0 43	8 35		n.a.
F 22	11 19	28 19	5 5	6 49	0n 1	2 59	0 49	16 33	1 6	6 21	1 11	23 20	0 2	2 18	0 41	16 48	0 57	26 59	3 18	1 14	0 44	8 38		n.a.
S 23	10 57	26 11	4 40	5 54	0 13	2 27	0 47	16 18	1 6	6 16	1 11	23 19	0 2	2 17	0 41	16 49	0 57	26 59	3 18	1 15	0 45	8 42		n.a.
S 24	10 36	22 44	4 2	4 59	0 25	1 56	0 44	16 3	1 6	6 10	1 11	23 19	0 2	2 16	0 41	16 49	0 57	26 59	3 18	1 17	0 47	8 45		n.a.
M25	10 14	18 18	3 12	4 5	0 37	1 24	0 42	15 48	1 6	6 5	1 11	23 19	0 2	2 16	0 41	16 49	0 57	26 59	3 18	1 18	0 48	8 48		n.a.
T 26	9 52	13 9	2 14	3 11	0 50	0 52	0 40	15 33	1 6	5 59	1 11	23 18	0 2	2 15	0 41	16 50	0 57	26 59	3 18	1 20	0 49	8 52		n.a.
W27	9 30	7 34	1 11	2 19	1 2	0 21	0 37	15 17	1 6	5 53	1 11	23 18	0 2	2 14	0 41	16 50	0 57	26 59	3 18	1 20	0 50	8 55		n.a.
T 28	9s 8	1s48	0s 5	1s28	1n15	0n11	0s35	15s 2	1s 6	5s48	1s11	23s18	0n 2	2s13	0n41	16n51	0n57	26n59	3n18	1s20	0s52	8n58		n.a.

Julian Day Number = 1706113.5, Delta T = 03h03m06s
Ecliptic obliquity = 23°42'09, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°38'30, Lahiri = - 4°31'30 Julian Calendar 1 Feb. 42 BCE == Greg. Calendar 30 Jan. 042 BCE

The year -41 astronomical counting style corresponds to year 042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 42 BCE
geocentric

MARCH 42 BCE (-41) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 22 53	7♓43'21	7♈38	25♓ 3	3♈ 1	23♒47	18♓28	10♑ 2	7°R 5	16°R53	2°R 9	26♓40	27♓48	18♈32	n.a.	F 1
S 2	10 26 49	8°42'31	19°28	26°32	4°14	24°34	18°42	10° 7	7♎ 2	16♌51	2♋ 9	26°41	27°45	18°39	n.a.	S 2
S 3	10 30 46	9°41'40	1♉15	27°57	5°27	25°20	18°57	10°11	7° 0	16°50	2° 8	26°43	27°42	18°45	n.a.	S 3
M 4	10 34 42	10°40'46	13° 5	29°16	6°41	26° 7	19°11	10°16	6°58	16°48	2° 8	26°44	27°39	18°52	n.a.	M 4
T 5	10 38 39	11°39'50	25° 1	0♈29	7°54	26°53	19°25	10°21	6°56	16°47	2° 8	26°45	27°35	18°59	n.a.	T 5
W 6	10 42 36	12°38'51	7♊ 7	1°36	9° 7	27°40	19°40	10°25	6°54	16°45	2° 7	26°R46	27°32	19° 5	n.a.	W 6
T 7	10 46 32	13°37'50	19°30	2°37	10°20	28°26	19°54	10°30	6°51	16°44	2° 7	26°46	27°29	19°12	n.a.	T 7
F 8	10 50 29	14°36'47	2♋12	3°32	11°33	29°13	20° 8	10°34	6°49	16°42	2° 7	26°45	27°26	19°19	n.a.	F 8
S 9	10 54 25	15°35'41	15°18	4°21	12°46	29°59	20°23	10°38	6°47	16°41	2° 6	26°44	27°23	19°25	n.a.	S 9
S 10	10 58 22	16°34'33	28°49	5° 3	13°59	0♓45	20°37	10°43	6°45	16°39	2° 6	26°43	27°20	19°32	n.a.	S 10
M11	11 2 18	17°33'23	12♌48	5°38	15°12	1°32	20°52	10°47	6°42	16°38	2° 6	26°42	27°16	19°39	n.a.	M11
T 12	11 6 15	18°32'10	27°11	6° 7	16°25	2°18	21° 6	10°51	6°40	16°37	2° 6	26°41	27°13	19°45	n.a.	T 12
W13	11 10 11	19°30'55	11♍54	6°29	17°38	3° 4	21°20	10°55	6°37	16°35	2° 6	26°40	27°10	19°52	n.a.	W13
T 14	11 14 8	20°29'38	26°51	6°44	18°51	3°51	21°35	10°59	6°35	16°34	2° 6	26°D40	27° 7	19°58	n.a.	T 14
F 15	11 18 4	21°28'19	11♎54	6°53	20° 3	4°37	21°49	11° 3	6°33	16°33	2° 5	26°40	27° 4	20° 5	n.a.	F 15
S 16	11 22 1	22°26'58	26°54	6°R56	21°16	5°23	22° 3	11° 7	6°30	16°31	2° 5	26°41	27° 1	20°12	n.a.	S 16
S 17	11 25 58	23°25'35	11♏43	6°52	22°29	6° 9	22°18	11°10	6°28	16°30	2° 5	26°41	26°57	20°18	n.a.	S 17
M18	11 29 54	24°24'11	26°15	6°42	23°41	6°55	22°32	11°14	6°25	16°29	2°D 5	26°41	26°54	20°25	n.a.	M18
T 19	11 33 51	25°22'45	10♐26	6°26	24°54	7°41	22°47	11°17	6°23	16°28	2° 5	26°41	26°51	20°32	n.a.	T 19
W20	11 37 47	26°21'17	24°15	6° 5	26° 6	8°27	23° 1	11°21	6°20	16°26	2° 5	26°41	26°48	20°38	n.a.	W20
T 21	11 41 44	27°19'47	7♑42	5°40	27°18	9°13	23°15	11°24	6°18	16°25	2° 5	26°41	26°45	20°45	n.a.	T 21
F 22	11 45 40	28°18'16	20°47	5°10	28°31	9°59	23°30	11°27	6°15	16°24	2° 5	26°41	26°41	20°52	n.a.	F 22
S 23	11 49 37	29°16'43	3♒35	4°37	29°43	10°45	23°44	11°31	6°13	16°23	2° 6	26°42	26°38	20°58	n.a.	S 23
S 24	11 53 33	0♈15'08	16° 6	4° 0	0♉55	11°31	23°58	11°34	6°10	16°22	2° 6	26°42	26°35	21° 5	n.a.	S 24
M25	11 57 30	1°13'31	28°24	3°21	2° 7	12°16	24°13	11°37	6° 8	16°21	2° 6	26°42	26°32	21°12	n.a.	M25
T 26	12 1 27	2°11'53	10♓32	2°41	3°19	13° 2	24°27	11°40	6° 5	16°20	2° 6	26°43	26°29	21°18	n.a.	T 26
W27	12 5 23	3°10'12	22°31	2° 0	4°32	13°48	24°41	11°42	6° 3	16°19	2° 6	26°R43	26°26	21°25	n.a.	W27
T 28	12 9 20	4° 8'30	4♈25	1°19	5°43	14°33	24°56	11°45	6° 0	16°18	2° 7	26°43	26°22	21°32	n.a.	T 28
F 29	12 13 16	5° 6'46	16°15	0°39	6°55	15°19	25°10	11°48	5°58	16°17	2° 7	26°43	26°19	21°38	n.a.	F 29
S 30	12 17 13	6° 5'00	28° 3	0° 0	8° 7	16° 5	25°24	11°50	5°55	16°16	2° 7	26°42	26°16	21°45	n.a.	S 30
S 31	12 21 9	7♈ 3'12	9♉51	29♓23	9♉19	16♓50	25♓38	11♑53	5♎52	16♌15	2♋ 7	26♓40	26♓13	21♈52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8s46	3n59	1n 0	0s39	1n27	0n43	0s32	14s46	1s 6	5s42	1s11	23s18	0n 2	2s12	0n41	16n51	0n57	26n59	3n18	1s20	0s53	9n 2		n.a.
S 2	8 24	9 35	2 3	0n 8	1 39	1 15	0 30	14 30	1 5	5 36	1 11	23 17	0 1	2 12	0 41	16 52	0 57	26 59	3 18	1 20	0 54	9 5		n.a.
S 3	8 1	14 51	3 0	0 52	1 51	1 47	0 27	14 14	1 5	5 30	1 11	23 17	0 1	2 11	0 41	16 52	0 57	26 59	3 18	1 19	0 56	9 8		n.a.
M 4	7 39	19 34	3 49	1 35	2 3	2 18	0 24	13 58	1 5	5 25	1 11	23 17	0 1	2 10	0 41	16 53	0 57	26 59	3 18	1 19	0 57	9 12		n.a.
T 5	7 16	23 35	4 30	2 14	2 14	2 50	0 22	13 42	1 5	5 19	1 11	23 16	0 1	2 9	0 41	16 53	0 57	26 59	3 18	1 18	0 58	9 15		n.a.
W 6	6 53	26 38	4 59	2 51	2 25	3 22	0 19	13 26	1 5	5 13	1 11	23 16	0 1	2 8	0 41	16 54	0 57	26 59	3 18	1 18	0 59	9 18		n.a.
T 7	6 30	28 30	5 14	3 25	2 35	3 53	0 16	13 10	1 5	5 8	1 11	23 16	0 1	2 7	0 41	16 54	0 57	26 59	3 18	1 18	1 1	9 21		n.a.
F 8	6 7	28 56	5 15	3 55	2 44	4 25	0 14	12 53	1 5	5 2	1 11	23 16	0 1	2 6	0 41	16 55	0 57	26 59	3 18	1 18	1 2	9 25		n.a.
S 9	5 44	27 47	5 1	4 22	2 52	4 56	0 11	12 36	1 5	4 56	1 11	23 15	0 1	2 5	0 41	16 55	0 57	26 59	3 18	1 19	1 3	9 28		n.a.
S 10	5 21	25 0	4 29	4 46	2 59	5 27	0 8	12 20	1 4	4 50	1 11	23 15	0 1	2 4	0 41	16 55	0 57	26 59	3 18	1 19	1 4	9 31		n.a.
M11	4 58	20 40	3 40	5 6	3 6	5 58	0 5	12 3	1 4	4 45	1 11	23 15	0 1	2 3	0 41	16 56	0 57	26 59	3 18	1 20	1 6	9 35		n.a.
T 12	4 35	15 2	2 37	5 22	3 11	6 29	0 2	11 46	1 4	4 39	1 11	23 15	0 1	2 2	0 41	16 56	0 57	26 59	3 18	1 20	1 7	9 38		n.a.
W13	4 12	8 25	1 21	5 35	3 15	7 0	0n 0	11 29	1 4	4 33	1 11	23 14	0 1	2 1	0 41	16 57	0 57	26 59	3 18	1 20	1 8	9 41		n.a.
T 14	3 48	1 15	0s 1	5 43	3 18	7 31	0 3	11 12	1 4	4 27	1 11	23 14	0 1	2 0	0 41	16 57	0 57	26 59	3 18	1 20	1 10	9 45		n.a.
F 15	3 25	6s 2	1 24	5 48	3 19	8 1	0 6	10 55	1 4	4 22	1 11	23 14	0 0	2 0	0 41	16 57	0 57	26 59	3 18	1 20	1 11	9 48		n.a.
S 16	3 2	12 58	2 40	5 49	3 19	8 32	0 9	10 37	1 3	4 16	1 11	23 14	0 0	1 59	0 42	16 58	0 57	26 59	3 18	1 20	1 12	9 51		n.a.
S 17	2 38	19 5	3 45	5 47	3 18	9 2	0 12	10 20	1 3	4 10	1 11	23 13	0 0	1 58	0 42	16 58	0 57	26 59	3 18	1 20	1 13	9 55		n.a.
M18	2 15	23 58	4 34	5 40	3 15	9 32	0 15	10 3	1 3	4 4	1 11	23 13	0 0	1 57	0 42	16 59	0 57	26 59	3 18	1 20	1 15	9 58		n.a.
T 19	1 51	27 17	5 5	5 30	3 11	10 1	0 18	9 45	1 3	3 59	1 11	23 13	0 0	1 56	0 42	16 59	0 57	26 59	3 18	1 20	1 16	10 1		n.a.
W20	1 28	28 52	5 17	5 17	3 6	10 31	0 21	9 27	1 3	3 53	1 11	23 13	0 0	1 55	0 42	16 59	0 57	26 59	3 18	1 20	1 17	10 4		n.a.
T 21	1 4	28 40	5 12	5 0	2 58	11 0	0 24	9 10	1 2	3 47	1 11	23 12	0s 0	1 54	0 42	17 0	0 57	26 59	3 18	1 20	1 18	10 8		n.a.
F 22	0 41	26 51	4 50	4 40	2 50	11 29	0 27	8 52	1 2	3 41	1 11	23 12	0 0	1 53	0 42	17 0	0 57	26 59	3 18	1 20	1 20	10 11		n.a.
S 23	0 17	23 41	4 14	4 17	2 40	11 58	0 30	8 34	1 2	3 36	1 11	23 12	0 0	1 52	0 42	17 0	0 57	26 59	3 18	1 20	1 21	10 14		n.a.
S 24	0n 6	19 28	3 27	3 52	2 28	12 26	0 33	8 16	1 2	3 30	1 11	23 12	0 0	1 51	0 42	17 1	0 57	26 59	3 18	1 20	1 22	10 18		n.a.
M25	0 30	14 31	2 31	3 25	2 16	12 54	0 36	7 59	1 1	3 24	1 11	23 12	0 0	1 50	0 42	17 1	0 57	26 59	3 18	1 19	1 24	10 21		n.a.
T 26	0 53	9 4	1 29	2 57	2 2	13 22	0 39	7 41	1 1	3 18	1 11	23 11	0 0	1 49	0 42	17 1	0 57	26 59	3 18	1 19	1 25	10 24		n.a.
W27	1 16	3 21	0 23	2 27	1 48	13 50	0 42	7 23	1 1	3 13	1 11	23 11	0 0	1 48	0 42	17 2	0 57	26 59	3 18	1 19	1 26	10 27		n.a.
T 28	1 40	2n25	0n43	1 57	1 32	14 17	0 45	7 5	1 1	3 7	1 11	23 11	0 1	1 46	0 42	17 2	0 57	26 59	3 18	1 19	1 27	10 31		n.a.
F 29	2 3	8 5	1 46	1 26	1 16	14 44	0 48	6 46	1 0	3 1	1 11	23 11	0 1	1 45	0 42	17 2	0 57	26 59	3 18	1 19	1 29	10 34		n.a.
S 30	2 26	13 28	2 45	0 55	1 0	15 10	0 51	6 28	1 0	2 56	1 11	23 11	0 1	1 44	0 41	17 2	0 57	26 59	3 18	1 20	1 30	10 37		n.a.
S 31	2n50	18n21	3n37	0n25	0n43	15n36	0n54	6s10	1s 0	2s50	1s11	23s11	0s 1	1s43	0n41	17n 3	0n57	26n59	3n18	1s20	1s31	10n40		n.a.

Julian Day Number = 1706141.5, Delta T = 03h03m05s
Ecliptic obliquity = 23°42'10, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°38'26, Lahiri = - 4°31'26 Julian Calendar 1 March 42 BCE == Greg. Calendar 27 Feb. 042 BCE

The year -41 astronomical counting style corresponds to year 042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 42 BCE
geocentric

APRIL 42 BCE (-41) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 25 6	8♈ 1'23	21♉43	28°R49	10♉31	17♓36	25♓53	11♊55	5°R50	16°R14	2♋ 8	26°R39	26♓10	21♈58	n.a.	M 1
T 2	12 29 2	8°59'31	3♊42	28♓18	11°42	18°21	26° 7	11°57	5♎47	16♌13	2° 8	26♓37	26° 7	22° 5	n.a.	T 2
W 3	12 32 59	9°57'37	15°50	27°51	12°54	19° 6	26°21	12° 0	5°45	16°12	2° 8	26°36	26° 3	22°12	n.a.	W 3
T 4	12 36 56	10°55'42	28°12	27°27	14° 6	19°52	26°35	12° 2	5°42	16°11	2° 9	26°35	26° 0	22°18	n.a.	T 4
F 5	12 40 52	11°53'44	10♋50	27° 8	15°17	20°37	26°49	12° 4	5°40	16°11	2° 9	26°D34	25°57	22°25	n.a.	F 5
S 6	12 44 49	12°51'44	23°50	26°53	16°28	21°22	27° 3	12° 6	5°37	16°10	2°10	26°34	25°54	22°32	n.a.	S 6
S 7	12 48 45	13°49'43	7♌15	26°43	17°40	22° 7	27°18	12° 7	5°35	16° 9	2°10	26°35	25°51	22°38	n.a.	S 7
M 8	12 52 42	14°47'39	21° 5	26°37	18°51	22°52	27°32	12° 9	5°32	16° 8	2°11	26°37	25°47	22°45	n.a.	M 8
T 9	12 56 38	15°45'33	5♍22	26°D36	20° 2	23°38	27°46	12°11	5°30	16° 8	2°11	26°38	25°44	22°52	n.a.	T 9
W10	13 0 35	16°43'26	20° 3	26°40	21°13	24°23	28° 0	12°12	5°27	16° 7	2°12	26°R39	25°41	22°58	n.a.	W10
T 11	13 4 31	17°41'16	5♎ 3	26°49	22°24	25° 7	28°14	12°14	5°25	16° 6	2°12	26°38	25°38	23° 5	n.a.	T 11
F 12	13 8 28	18°39'05	20°14	27° 2	23°35	25°52	28°27	12°15	5°22	16° 6	2°13	26°37	25°35	23°12	n.a.	F 12
S 13	13 12 25	19°36'53	5♏28	27°20	24°46	26°37	28°41	12°16	5°20	16° 5	2°14	26°35	25°32	23°18	n.a.	S 13
S 14	13 16 21	20°34'39	20°34	27°42	25°57	27°22	28°55	12°18	5°17	16° 5	2°14	26°32	25°28	23°25	n.a.	S 14
M15	13 20 18	21°32'24	5♐23	28° 8	27° 7	28° 7	29° 9	12°19	5°15	16° 4	2°15	26°29	25°25	23°32	n.a.	M15
T 16	13 24 14	22°30'07	19°49	28°39	28°18	28°52	29°23	12°20	5°13	16° 4	2°16	26°26	25°22	23°38	n.a.	T 16
W17	13 28 11	23°27'50	3♑48	29°14	29°28	29°36	29°37	12°20	5°10	16° 3	2°17	26°24	25°19	23°45	n.a.	W17
T 18	13 32 7	24°25'31	17°19	29°52	0♊39	0♈21	29°50	12°21	5° 8	16° 3	2°17	26°22	25°16	23°52	n.a.	T 18
F 19	13 36 4	25°23'11	0♒24	0♈35	1°49	1° 5	0♈ 4	12°22	5° 5	16° 3	2°18	26°D22	25°13	23°58	n.a.	F 19
S 20	13 40 0	26°20'50	13° 6	1°21	2°59	1°50	0°18	12°22	5° 3	16° 2	2°19	26°23	25° 9	24° 5	n.a.	S 20
S 21	13 43 57	27°18'28	25°30	2°10	4° 9	2°34	0°31	12°23	5° 1	16° 2	2°20	26°25	25° 6	24°12	n.a.	S 21
M22	13 47 54	28°16'04	7♓39	3° 3	5°20	3°19	0°45	12°23	4°59	16° 2	2°21	26°26	25° 3	24°18	n.a.	M22
T 23	13 51 50	29°13'40	19°37	4° 0	6°30	4° 3	0°58	12°23	4°56	16° 1	2°21	26°27	25° 0	24°25	n.a.	T 23
W24	13 55 47	0♉11'14	1♈29	5° 0	7°39	4°47	1°12	12°24	4°54	16° 1	2°22	26°R27	24°57	24°32	n.a.	W24
T 25	13 59 43	1° 8'47	13°17	6° 2	8°49	5°32	1°25	12°R24	4°52	16° 1	2°23	26°26	24°53	24°38	n.a.	T 25
F 26	14 3 40	2° 6'19	25° 5	7° 8	9°59	6°16	1°38	12°24	4°50	16° 1	2°24	26°23	24°50	24°45	n.a.	F 26
S 27	14 7 36	3° 3'50	6♉54	8°17	11° 9	7° 0	1°52	12°24	4°47	16° 1	2°25	26°18	24°47	24°52	n.a.	S 27
S 28	14 11 33	4° 1'20	18°47	9°28	12°18	7°44	2° 5	12°23	4°45	16° 1	2°26	26°12	24°44	24°58	n.a.	S 28
M29	14 15 29	4°58'48	0♊45	10°43	13°28	8°28	2°18	12°23	4°43	16° 1	2°27	26° 5	24°41	25° 5	n.a.	M29
T 30	14 19 26	5♉56'16	12♊50	12♈ 0	14♊37	9♈12	2♈31	12♑23	4♎41	16°D 1	2♋28	25♓58	24♓38	25♈12	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3n13	22n34	4n20	0s 4	0n27	16n 2	0n57	5s52	1s 0	2s44	1s11	23s11	0s 1	1s42	0n41	17n 3	0n57	26n59	3n18	1s21	1s33	10n44		n.a.
T 2	3 36	25 53	4 52	0 32	0 10	16 28	1 0	5 34	0 59	2 39	1 11	23 10	0 1	1 41	0 41	17 3	0 57	26 59	3 18	1 22	1 34	10 47		n.a.
W 3	3 59	28 5	5 11	0 58	0s 7	16 52	1 3	5 16	0 59	2 33	1 11	23 10	0 1	1 40	0 41	17 4	0 57	26 59	3 18	1 22	1 35	10 50		n.a.
T 4	4 22	28 58	5 16	1 22	0 23	17 17	1 6	4 57	0 59	2 27	1 11	23 10	0 1	1 39	0 41	17 4	0 57	26 59	3 18	1 23	1 36	10 54		n.a.
F 5	4 45	28 21	5 7	1 44	0 38	17 41	1 8	4 39	0 58	2 22	1 11	23 10	0 1	1 38	0 41	17 4	0 57	26 59	3 18	1 23	1 38	10 57		n.a.
S 6	5 8	26 11	4 41	2 4	0 54	18 5	1 11	4 21	0 58	2 16	1 11	23 10	0 1	1 37	0 41	17 4	0 57	26 59	3 18	1 23	1 39	11 0		n.a.
S 7	5 31	22 32	4 0	2 22	1 8	18 28	1 14	4 2	0 58	2 10	1 11	23 10	0 1	1 36	0 41	17 4	0 57	26 59	3 18	1 22	1 40	11 3		n.a.
M 8	5 53	17 32	3 4	2 37	1 22	18 51	1 17	3 44	0 57	2 5	1 11	23 10	0 1	1 35	0 41	17 5	0 57	26 59	3 18	1 22	1 41	11 7		n.a.
T 9	6 16	11 26	1 55	2 49	1 35	19 13	1 20	3 26	0 57	1 59	1 11	23 10	0 2	1 34	0 41	17 5	0 57	26 59	3 18	1 21	1 43	11 10		n.a.
W10	6 39	4 33	0 36	2 59	1 47	19 35	1 22	3 7	0 57	1 54	1 11	23 10	0 2	1 33	0 41	17 5	0 57	26 59	3 18	1 21	1 44	11 13		n.a.
T 11	7 1	2s44	0s46	3 6	1 59	19 56	1 25	2 49	0 56	1 48	1 11	23 10	0 2	1 32	0 41	17 5	0 57	26 59	3 18	1 21	1 45	11 16		n.a.
F 12	7 23	9 57	2 7	3 10	2 10	20 17	1 28	2 31	0 56	1 42	1 11	23 10	0 2	1 31	0 41	17 5	0 57	26 59	3 18	1 21	1 47	11 19		n.a.
S 13	7 45	16 36	3 18	3 12	2 19	20 37	1 30	2 12	0 56	1 37	1 11	23 10	0 2	1 30	0 41	17 5	0 57	26 58	3 17	1 22	1 48	11 23		n.a.
S 14	8 7	22 10	4 15	3 11	2 28	20 57	1 33	1 54	0 55	1 31	1 11	23 10	0 2	1 30	0 41	17 6	0 57	26 58	3 17	1 23	1 49	11 26		n.a.
M15	8 29	26 15	4 53	3 8	2 36	21 16	1 35	1 36	0 55	1 26	1 11	23 10	0 2	1 29	0 41	17 6	0 57	26 58	3 17	1 25	1 50	11 29		n.a.
T 16	8 51	28 30	5 12	3 2	2 43	21 35	1 38	1 17	0 54	1 20	1 12	23 10	0 2	1 28	0 41	17 6	0 57	26 58	3 17	1 26	1 52	11 32		n.a.
W17	9 13	28 50	5 12	2 54	2 50	21 53	1 40	0 59	0 54	1 15	1 12	23 10	0 2	1 27	0 41	17 6	0 57	26 58	3 17	1 27	1 53	11 36		n.a.
T 18	9 34	27 25	4 54	2 43	2 55	22 11	1 42	0 41	0 54	1 10	1 12	23 10	0 2	1 26	0 41	17 6	0 57	26 58	3 17	1 27	1 54	11 39		n.a.
F 19	9 55	24 31	4 21	2 31	3 0	22 28	1 45	0 23	0 53	1 4	1 12	23 10	0 2	1 25	0 41	17 6	0 57	26 58	3 17	1 28	1 55	11 42		n.a.
S 20	10 17	20 30	3 36	2 16	3 3	22 44	1 47	0 4	0 53	0 59	1 12	23 10	0 3	1 24	0 41	17 6	0 57	26 58	3 17	1 27	1 57	11 45		n.a.
S 21	10 38	15 42	2 42	1 58	3 6	23 0	1 49	0n14	0 52	0 53	1 12	23 10	0 3	1 23	0 41	17 6	0 57	26 58	3 17	1 27	1 58	11 48		n.a.
M22	10 58	10 21	1 41	1 39	3 9	23 15	1 51	0 32	0 52	0 48	1 12	23 10	0 3	1 22	0 41	17 6	0 57	26 58	3 17	1 26	1 59	11 52		n.a.
T 23	11 19	4 44	0 37	1 18	3 10	23 30	1 53	0 50	0 52	0 43	1 12	23 10	0 3	1 21	0 41	17 6	0 57	26 58	3 17	1 25	2 1	11 55		n.a.
W24	11 40	1n 1	0n27	0 55	3 11	23 44	1 55	1 9	0 51	0 37	1 12	23 10	0 3	1 20	0 41	17 6	0 57	26 58	3 17	1 25	2 2	11 58		n.a.
T 25	12 0	6 41	1 31	0 29	3 11	23 57	1 57	1 27	0 51	0 32	1 12	23 10	0 3	1 20	0 41	17 7	0 57	26 58	3 17	1 26	2 3	12 1		n.a.
F 26	12 20	12 8	2 30	0 2	3 10	24 9	1 59	1 45	0 50	0 27	1 12	23 10	0 3	1 19	0 41	17 7	0 57	26 58	3 17	1 27	2 4	12 4		n.a.
S 27	12 40	17 9	3 22	0n26	3 9	24 21	2 1	2 3	0 50	0 21	1 12	23 10	0 3	1 18	0 41	17 7	0 57	26 58	3 17	1 29	2 6	12 8		n.a.
S 28	13 0	21 33	4 7	0 57	3 6	24 33	2 3	2 21	0 49	0 16	1 12	23 10	0 3	1 17	0 41	17 7	0 56	26 58	3 17	1 32	2 7	12 11		n.a.
M29	13 19	25 6	4 40	1 29	3 4	24 44	2 5	2 39	0 49	0 11	1 13	23 10	0 3	1 16	0 41	17 7	0 56	26 58	3 17	1 34	2 8	12 14		n.a.
T 30	13n39	27n34	5n 1	2n 2	3s 0	24n54	2n 6	2n57	0s49	0s 6	1s13	23s11	0s 3	1s15	0n41	17n 7	0n56	26n58	3n17	1s37	2s 9	12n17		n.a.

Julian Day Number = 1706172.5, Delta T = 03h03m04s
Ecliptic obliquity = 23°42'10, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°38'22, Lahiri = - 4°31'22 Julian Calendar 1 Apr. 42 BCE == Greg. Calendar 30 March 042 BCE

The year -41 astronomical counting style corresponds to year 042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 42 BCE
geocentric

MAY 42 BCE (-41) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 23 23	6♉53'42	25♊ 5	13♈20	15♊46	9♈56	2♈44	12°R22	4°R39	16♌ 1	2♋29	25°R52	24♓34	25♈18	n.a.	W 1
T 2	14 27 19	7°51'07	7♋31	14°43	16°55	10°40	2°57	12♉21	4♎37	16° 1	2°30	25♓46	24°31	25°25	n.a.	T 2
F 3	14 31 16	8°48'30	20°12	16° 8	18° 4	11°23	3°10	12°21	4°35	16° 1	2°31	25°43	24°28	25°32	n.a.	F 3
S 4	14 35 12	9°45'53	3♌10	17°36	19°13	12° 7	3°23	12°20	4°33	16° 1	2°32	25°41	24°25	25°38	n.a.	S 4
S 5	14 39 9	10°43'14	16°28	19° 7	20°22	12°51	3°36	12°19	4°31	16° 1	2°33	25°D41	24°22	25°45	n.a.	S 5
M 6	14 43 5	11°40'33	0♍ 9	20°40	21°31	13°34	3°49	12°18	4°29	16° 1	2°35	25°42	24°18	25°52	n.a.	M 6
T 7	14 47 2	12°37'52	14°14	22°16	22°39	14°18	4° 1	12°17	4°28	16° 1	2°36	25°43	24°15	25°58	n.a.	T 7
W 8	14 50 58	13°35'09	28°42	23°54	23°48	15° 1	4°14	12°16	4°26	16° 2	2°37	25°R43	24°12	26° 5	n.a.	W 8
T 9	14 54 55	14°32'26	13♎31	25°35	24°56	15°45	4°27	12°15	4°24	16° 2	2°38	25°42	24° 9	26°12	n.a.	T 9
F 10	14 58 52	15°29'41	28°36	27°18	26° 4	16°28	4°39	12°13	4°22	16° 2	2°39	25°39	24° 6	26°18	n.a.	F 10
S 11	15 2 48	16°26'55	13♏48	29° 4	27°12	17°12	4°52	12°12	4°21	16° 2	2°40	25°34	24° 3	26°25	n.a.	S 11
S 12	15 6 45	17°24'09	28°56	0♉53	28°20	17°55	5° 4	12°10	4°19	16° 3	2°42	25°27	23°59	26°32	n.a.	S 12
M13	15 10 41	18°21'22	13♐52	2°43	29°28	18°38	5°16	12° 9	4°17	16° 3	2°43	25°19	23°56	26°38	n.a.	M13
T 14	15 14 38	19°18'35	28°26	4°37	0♋35	19°21	5°28	12° 7	4°16	16° 4	2°44	25°11	23°53	26°45	n.a.	T 14
W15	15 18 34	20°15'47	12♑33	6°32	1°43	20° 4	5°41	12° 5	4°14	16° 4	2°46	25° 4	23°50	26°52	n.a.	W15
T 16	15 22 31	21°12'59	26°10	8°30	2°50	20°47	5°53	12° 3	4°13	16° 5	2°47	25° 0	23°47	26°58	n.a.	T 16
F 17	15 26 27	22°10'10	9♒20	10°30	3°57	21°30	6° 5	12° 1	4°11	16° 5	2°48	24°57	23°44	27° 5	n.a.	F 17
S 18	15 30 24	23° 7'21	22° 3	12°33	5° 4	22°13	6°17	11°59	4°10	16° 6	2°50	24°D56	23°40	27°12	n.a.	S 18
S 19	15 34 21	24° 4'32	4♓26	14°37	6°11	22°56	6°28	11°57	4° 9	16° 6	2°51	24°57	23°37	27°18	n.a.	S 19
M20	15 38 17	25° 1'43	16°32	16°42	7°18	23°39	6°40	11°55	4° 7	16° 7	2°52	24°57	23°34	27°25	n.a.	M20
T 21	15 42 14	25°58'53	28°27	18°50	8°25	24°22	6°52	11°52	4° 6	16° 8	2°54	24°R57	23°31	27°32	n.a.	T 21
W22	15 46 10	26°56'03	10♈16	20°58	9°31	25° 4	7° 3	11°50	4° 5	16° 8	2°55	24°56	23°28	27°38	n.a.	W22
T 23	15 50 7	27°53'13	22° 3	23° 8	10°37	25°47	7°15	11°47	4° 4	16° 9	2°56	24°53	23°24	27°45	n.a.	T 23
F 24	15 54 3	28°50'23	3♉52	25°19	11°44	26°29	7°26	11°45	4° 3	16°10	2°58	24°47	23°21	27°52	n.a.	F 24
S 25	15 58 0	29°47'32	15°45	27°29	12°49	27°12	7°38	11°42	4° 2	16°11	2°59	24°38	23°18	27°58	n.a.	S 25
S 26	16 1 56	0♊44'41	27°45	29°41	13°55	27°54	7°49	11°39	4° 1	16°11	3° 1	24°28	23°15	28° 5	n.a.	S 26
M27	16 5 53	1°41'51	9♊53	1♊52	15° 1	28°37	8° 0	11°37	4° 0	16°12	3° 2	24°16	23°12	28°12	n.a.	M27
T 28	16 9 50	2°38'59	22°10	4° 3	16° 6	29°19	8°11	11°34	3°59	16°13	3° 4	24° 4	23° 9	28°18	n.a.	T 28
W29	16 13 46	3°36'08	4♋38	6°13	17°11	0♉ 1	8°22	11°31	3°58	16°14	3° 5	23°53	23° 5	28°25	n.a.	W29
T 30	16 17 43	4°33'16	17°16	8°23	18°16	0°43	8°33	11°28	3°57	16°15	3° 7	23°43	23° 2	28°32	n.a.	T 30
F 31	16 21 39	5♊30'24	0♌ 6	10♊31	19♋21	1♉25	8♈44	11♑25	3♎56	16♌16	3♋ 8	23♓36	22♓59	28♈38	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	13n58	28n46	5n 9	2n37	2s56	25n 3	2n 8	3n14	0s48	0s 1	1s13	23s11	0s 4	1s15	0n41	17n 7	0n56	26n58	3n17	1s40	2s11	12n20			n.a.
T 2	14 17	28 32	5 3	3 14	2 51	25 12	2 9	3 32	0 48	0n 5	1 13	23 11	0 4	1 14	0 41	17 7	0 56	26 58	3 17	1 42	2 12	12 24			n.a.
F 3	14 36	26 48	4 42	3 52	2 46	25 20	2 11	3 50	0 47	0 10	1 13	23 11	0 4	1 13	0 41	17 6	0 56	26 58	3 17	1 43	2 13	12 27			n.a.
S 4	14 54	23 39	4 6	4 31	2 40	25 27	2 12	4 8	0 47	0 15	1 13	23 11	0 4	1 12	0 41	17 6	0 56	26 58	3 17	1 44	2 15	12 30			n.a.
S 5	15 12	19 11	3 16	5 12	2 34	25 34	2 13	4 25	0 46	0 20	1 13	23 11	0 4	1 12	0 41	17 6	0 56	26 58	3 17	1 44	2 16	12 33			n.a.
M 6	15 30	13 38	2 14	5 53	2 27	25 39	2 14	4 43	0 46	0 25	1 13	23 12	0 4	1 11	0 41	17 6	0 56	26 58	3 17	1 44	2 17	12 36			n.a.
T 7	15 48	7 13	1 2	6 36	2 19	25 45	2 15	5 0	0 45	0 30	1 13	23 12	0 4	1 10	0 41	17 6	0 56	26 58	3 17	1 43	2 18	12 39			n.a.
W 8	16 5	0 17	0s16	7 20	2 12	25 49	2 16	5 18	0 45	0 35	1 13	23 12	0 4	1 9	0 41	17 6	0 56	26 58	3 17	1 43	2 20	12 43			n.a.
T 9	16 23	6s51	1 35	8 5	2 3	25 53	2 17	5 35	0 44	0 40	1 14	23 12	0 4	1 9	0 41	17 6	0 56	26 58	3 17	1 44	2 21	12 46			n.a.
F 10	16 40	13 42	2 48	8 51	1 54	25 56	2 18	5 52	0 44	0 45	1 14	23 12	0 4	1 8	0 41	17 6	0 56	26 58	3 17	1 45	2 22	12 49			n.a.
S 11	16 56	19 47	3 49	9 38	1 45	25 59	2 18	6 10	0 43	0 50	1 14	23 13	0 4	1 7	0 41	17 6	0 56	26 58	3 17	1 47	2 23	12 52			n.a.
S 12	17 13	24 36	4 35	10 25	1 35	26 0	2 19	6 27	0 43	0 54	1 14	23 13	0 5	1 7	0 41	17 6	0 56	26 58	3 17	1 50	2 25	12 55			n.a.
M13	17 29	27 41	5 0	11 13	1 25	26 1	2 19	6 44	0 42	0 59	1 14	23 13	0 5	1 6	0 41	17 5	0 56	26 58	3 17	1 53	2 26	12 58			n.a.
T 14	17 45	28 47	5 6	12 1	1 15	26 2	2 20	7 1	0 42	1 4	1 14	23 13	0 5	1 6	0 41	17 5	0 56	26 58	3 17	1 56	2 27	13 2			n.a.
W15	18 0	27 57	4 52	12 50	1 4	26 1	2 20	7 18	0 41	1 9	1 14	23 14	0 5	1 5	0 41	17 5	0 56	26 58	3 17	1 59	2 29	13 5			n.a.
T 16	18 16	25 26	4 23	13 39	0 54	26 0	2 20	7 35	0 41	1 13	1 14	23 14	0 5	1 4	0 41	17 5	0 56	26 58	3 17	2 1	2 30	13 8			n.a.
F 17	18 31	21 38	3 40	14 28	0 43	25 59	2 20	7 51	0 40	1 18	1 14	23 14	0 5	1 4	0 41	17 5	0 56	26 58	3 17	2 2	2 31	13 11			n.a.
S 18	18 45	16 56	2 47	15 16	0 32	25 56	2 20	8 8	0 39	1 23	1 15	23 14	0 5	1 3	0 40	17 5	0 56	26 58	3 17	2 2	2 32	13 14			n.a.
S 19	19 0	11 40	1 48	16 4	0 21	25 53	2 20	8 25	0 39	1 27	1 15	23 15	0 5	1 3	0 40	17 4	0 56	26 58	3 17	2 2	2 34	13 17			n.a.
M20	19 14	6 4	0 45	16 51	0 10	25 49	2 20	8 41	0 38	1 32	1 15	23 15	0 5	1 2	0 40	17 4	0 56	26 58	3 17	2 2	2 35	13 20			n.a.
T 21	19 28	0 20	0n19	17 38	0n 1	25 45	2 19	8 58	0 38	1 36	1 15	23 15	0 5	1 2	0 40	17 4	0 56	26 58	3 17	2 1	2 36	13 24			n.a.
W22	19 41	5n21	1 21	18 23	0 12	25 40	2 19	9 14	0 37	1 41	1 15	23 16	0 6	1 1	0 40	17 4	0 56	26 58	3 18	2 2	2 37	13 27			n.a.
T 23	19 54	10 50	2 19	19 7	0 22	25 34	2 18	9 30	0 37	1 45	1 15	23 16	0 6	1 1	0 40	17 4	0 56	26 58	3 18	2 3	2 39	13 30			n.a.
F 24	20 7	15 57	3 12	19 50	0 32	25 28	2 17	9 46	0 36	1 50	1 15	23 16	0 6	1 1	0 40	17 3	0 56	26 58	3 18	2 6	2 40	13 33			n.a.
S 25	20 20	20 30	3 56	20 30	0 42	25 20	2 17	10 2	0 36	1 54	1 16	23 17	0 6	1 0	0 40	17 3	0 56	26 58	3 18	2 9	2 41	13 36			n.a.
S 26	20 32	24 15	4 30	21 9	0 52	25 13	2 16	10 18	0 35	1 59	1 16	23 17	0 6	1 0	0 40	17 3	0 56	26 58	3 18	2 13	2 43	13 39			n.a.
M27	20 44	27 0	4 53	21 45	1 0	25 4	2 14	10 34	0 34	2 3	1 16	23 17	0 6	0 59	0 40	17 3	0 56	26 58	3 18	2 18	2 44	13 42			n.a.
T 28	20 55	28 29	5 2	22 19	1 9	24 55	2 13	10 50	0 34	2 7	1 16	23 18	0 6	0 59	0 40	17 2	0 56	26 58	3 18	2 23	2 45	13 45			n.a.
W29	21 6	28 34	4 57	22 50	1 17	24 46	2 12	11 5	0 33	2 11	1 16	23 18	0 6	0 59	0 40	17 2	0 56	26 58	3 18	2 27	2 46	13 48			n.a.
T 30	21 17	27 9	4 37	23 19	1 24	24 36	2 10	11 21	0 33	2 16	1 16	23 18	0 6	0 58	0 40	17 2	0 56	26 58	3 18	2 31	2 48	13 51			n.a.
F 31	21n27	24n19	4n 3	23n45	1n30	24n25	2n 9	11n36	0s32	2n20	1s16	23s19	0s 6	0s58	0n40	17n 1	0n56	26n58	3n18	2s34	2s49	13n55			n.a.

Julian Day Number = 1706202.5, Delta T = 03h03m03s
Ecliptic obliquity = 23°42'09, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°38'18, Lahiri = - 4°31'18 Julian Calendar 1 May 42 BCE == Greg. Calendar 29 Apr. 042 BCE

The year -41 astronomical counting style corresponds to year 042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 42 BCE
geocentric

JUNE 42 BCE (-41) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 25 36	6♊27'32	13♌10	12♊38	20♋26	2♉ 8	8♈54	11°R21	3°R55	16♌17	3♋10	23°R32	22♓56	28♈45	n.a.	S 1
S 2	16 29 32	7°24'39	26°29	14°44	21°30	2°49	9° 5	11♑18	3♎55	16°18	3°11	23♓30	22°53	28°52	n.a.	S 2
M 3	16 33 29	8°21'46	10♍ 5	16°49	22°34	3°31	9°15	11°15	3°54	16°19	3°13	23°D30	22°50	28°58	n.a.	M 3
T 4	16 37 26	9°18'53	24° 0	18°51	23°38	4°13	9°26	11°11	3°53	16°20	3°14	23°R30	22°46	29° 5	n.a.	T 4
W 5	16 41 22	10°15'59	8♎15	20°53	24°42	4°55	9°36	11° 8	3°53	16°21	3°16	23°29	22°43	29°12	n.a.	W 5
T 6	16 45 19	11°13'05	22°47	22°52	25°46	5°37	9°46	11° 4	3°52	16°22	3°17	23°27	22°40	29°18	n.a.	T 6
F 7	16 49 15	12°10'11	7♏34	24°49	26°49	6°18	9°56	11° 1	3°52	16°23	3°19	23°22	22°37	29°25	n.a.	F 7
S 8	16 53 12	13° 7'17	22°29	26°45	27°52	7° 0	10° 6	10°57	3°52	16°25	3°21	23°14	22°34	29°32	n.a.	S 8
S 9	16 57 8	14° 4'23	7♐25	28°39	28°54	7°42	10°16	10°54	3°51	16°26	3°22	23° 5	22°30	29°38	n.a.	S 9
M10	17 1 5	15° 1'30	22°12	0♋30	29°57	8°23	10°26	10°50	3°51	16°27	3°24	22°54	22°27	29°45	n.a.	M10
T 11	17 5 1	15°58'36	6♑42	2°20	0♌59	9° 4	10°35	10°46	3°51	16°28	3°25	22°43	22°24	29°52	n.a.	T 11
W12	17 8 58	16°55'43	20°48	4° 8	2° 1	9°46	10°45	10°42	3°51	16°30	3°27	22°33	22°21	29°58	n.a.	W12
T 13	17 12 55	17°52'51	4♒27	5°54	3° 2	10°27	10°54	10°38	3°50	16°31	3°29	22°26	22°18	0♉ 5	n.a.	T 13
F 14	17 16 51	18°49'59	17°39	7°38	4° 4	11° 8	11° 3	10°34	3°50	16°32	3°30	22°21	22°15	0°12	n.a.	F 14
S 15	17 20 48	19°47'07	0♓25	9°20	5° 5	11°49	11°12	10°30	3°D50	16°34	3°32	22°18	22°11	0°18	n.a.	S 15
S 16	17 24 44	20°44'16	12°49	11° 0	6° 5	12°31	11°21	10°26	3°50	16°35	3°34	22°17	22° 8	0°25	n.a.	S 16
M17	17 28 41	21°41'26	24°56	12°38	7° 5	13°12	11°30	10°22	3°50	16°37	3°35	22°17	22° 5	0°32	n.a.	M17
T 18	17 32 37	22°38'37	6♈52	14°14	8° 5	13°53	11°39	10°18	3°51	16°38	3°37	22°17	22° 2	0°38	n.a.	T 18
W19	17 36 34	23°35'48	18°41	15°48	9° 5	14°33	11°48	10°14	3°51	16°39	3°39	22°15	21°59	0°45	n.a.	W19
T 20	17 40 30	24°33'00	0♉30	17°21	10° 4	15°14	11°56	10°10	3°51	16°41	3°40	22°11	21°56	0°52	n.a.	T 20
F 21	17 44 27	25°30'13	12°22	18°51	11° 3	15°55	12° 4	10° 6	3°51	16°42	3°42	22° 5	21°52	0°58	n.a.	F 21
S 22	17 48 24	26°27'27	24°20	20°19	12° 2	16°36	12°13	10° 1	3°52	16°44	3°44	21°56	21°49	1° 5	n.a.	S 22
S 23	17 52 20	27°24'42	6♊29	21°46	13° 0	17°16	12°21	9°57	3°52	16°46	3°45	21°44	21°46	1°12	n.a.	S 23
M24	17 56 17	28°21'57	18°49	23°10	13°58	17°57	12°29	9°53	3°52	16°47	3°47	21°31	21°43	1°19	n.a.	M24
T 25	18 0 13	29°19'13	1♋21	24°32	14°55	18°38	12°36	9°48	3°53	16°49	3°49	21°18	21°40	1°25	n.a.	T 25
W26	18 4 10	0♋16'30	14° 5	25°52	15°52	19°18	12°44	9°44	3°53	16°50	3°50	21° 6	21°36	1°32	n.a.	W26
T 27	18 8 6	1°13'48	27° 2	27°10	16°48	19°58	12°52	9°40	3°54	16°52	3°52	20°56	21°33	1°39	n.a.	T 27
F 28	18 12 3	2°11'06	10♌10	28°26	17°44	20°39	12°59	9°35	3°55	16°54	3°54	20°48	21°30	1°45	n.a.	F 28
S 29	18 16 0	3° 8'25	23°29	29°39	18°40	21°19	13° 6	9°31	3°55	16°56	3°55	20°43	21°27	1°52	n.a.	S 29
S 30	18 19 56	4♋ 5'44	6♍59	0♌50	19♌35	21♉59	13♈13	9♑26	3♎56	16♌57	3♋57	20♓40	21♓24	1♉59	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n38	20n11	3n17	24n 9	1n36	24n13	2n 7	11n51	0s31	2n24	1s17	23s19	0s 6	0s58	0n40	17n 1	0n56	26n58	3n18	2s36	2s50	13n58		n.a.
S 2	21 47	14 59	2 18	24 29	1 41	24 1	2 5	12 6	0 31	2 28	1 17	23 19	0 7	0 58	0 40	17 1	0 56	26 58	3 18	2 37	2 51	14 1		n.a.
M 3	21 56	8 57	1 10	24 47	1 45	23 49	2 3	12 21	0 30	2 32	1 17	23 20	0 7	0 57	0 40	17 0	0 56	26 58	3 18	2 37	2 53	14 4		n.a.
T 4	22 5	2 22	0s 3	25 2	1 49	23 36	2 1	12 36	0 30	2 36	1 17	23 20	0 7	0 57	0 40	17 0	0 56	26 58	3 18	2 37	2 54	14 7		n.a.
W 5	22 14	4s29	1 17	25 14	1 52	23 22	1 59	12 51	0 29	2 40	1 17	23 21	0 7	0 57	0 40	17 0	0 56	26 58	3 18	2 37	2 55	14 10		n.a.
T 6	22 22	11 15	2 28	25 24	1 54	23 8	1 56	13 6	0 28	2 44	1 17	23 21	0 7	0 57	0 40	16 59	0 56	26 57	3 18	2 38	2 56	14 13		n.a.
F 7	22 30	17 30	3 31	25 31	1 55	22 53	1 54	13 20	0 28	2 47	1 18	23 21	0 7	0 57	0 40	16 59	0 56	26 57	3 18	2 40	2 58	14 16		n.a.
S 8	22 37	22 46	4 19	25 36	1 56	22 38	1 51	13 34	0 27	2 51	1 18	23 22	0 7	0 57	0 40	16 59	0 56	26 57	3 18	2 43	2 59	14 19		n.a.
S 9	22 44	26 33	4 50	25 38	1 56	22 22	1 48	13 49	0 26	2 55	1 18	23 22	0 7	0 57	0 40	16 58	0 56	26 57	3 18	2 47	3 0	14 22		n.a.
M10	22 51	28 28	5 1	25 38	1 56	22 6	1 45	14 3	0 26	2 59	1 18	23 23	0 7	0 57	0 40	16 58	0 56	26 57	3 18	2 51	3 2	14 25		n.a.
T 11	22 57	28 23	4 52	25 35	1 55	21 49	1 42	14 17	0 25	3 2	1 18	23 23	0 7	0 56	0 40	16 57	0 56	26 57	3 18	2 55	3 3	14 28		n.a.
W12	23 3	26 27	4 25	25 31	1 53	21 32	1 39	14 31	0 24	3 6	1 19	23 23	0 8	0 56	0 40	16 57	0 56	26 57	3 18	2 59	3 4	14 31		n.a.
T 13	23 9	22 59	3 44	25 25	1 51	21 15	1 36	14 44	0 24	3 9	1 19	23 24	0 8	0 56	0 39	16 57	0 56	26 57	3 18	3 2	3 5	14 34		n.a.
F 14	23 14	18 27	2 52	25 16	1 48	20 57	1 32	14 58	0 23	3 13	1 19	23 24	0 8	0 56	0 39	16 56	0 56	26 57	3 18	3 4	3 7	14 38		n.a.
S 15	23 18	13 13	1 53	25 6	1 44	20 38	1 29	15 12	0 23	3 16	1 19	23 25	0 8	0 56	0 39	16 56	0 56	26 57	3 18	3 5	3 8	14 41		n.a.
S 16	23 22	7 35	0 50	24 54	1 40	20 19	1 25	15 25	0 22	3 20	1 19	23 25	0 8	0 56	0 39	16 55	0 56	26 57	3 18	3 6	3 9	14 44		n.a.
M17	23 26	1 49	0n14	24 41	1 36	20 0	1 21	15 38	0 21	3 23	1 20	23 26	0 8	0 57	0 39	16 55	0 56	26 57	3 18	3 6	3 10	14 47		n.a.
T 18	23 30	3n55	1 16	24 26	1 30	19 41	1 17	15 51	0 21	3 26	1 20	23 26	0 8	0 57	0 39	16 54	0 56	26 57	3 18	3 6	3 12	14 50		n.a.
W19	23 33	9 29	2 15	24 10	1 25	19 21	1 12	16 4	0 20	3 29	1 20	23 26	0 8	0 57	0 39	16 54	0 56	26 57	3 18	3 6	3 13	14 53		n.a.
T 20	23 35	14 41	3 7	23 52	1 19	19 0	1 8	16 17	0 19	3 33	1 20	23 27	0 8	0 57	0 39	16 53	0 56	26 57	3 19	3 8	3 14	14 56		n.a.
F 21	23 38	19 23	3 52	23 33	1 12	18 40	1 3	16 29	0 19	3 36	1 20	23 27	0 8	0 57	0 39	16 53	0 55	26 58	3 19	3 11	3 15	14 59		n.a.
S 22	23 39	23 22	4 27	23 13	1 5	18 19	0 59	16 42	0 18	3 39	1 21	23 28	0 8	0 57	0 39	16 52	0 55	26 58	3 19	3 14	3 17	15 2		n.a.
S 23	23 41	26 23	4 50	22 53	0 58	17 57	0 54	16 54	0 17	3 42	1 21	23 28	0 9	0 57	0 39	16 52	0 55	26 58	3 19	3 19	3 18	15 5		n.a.
M24	23 42	28 12	5 0	22 31	0 50	17 36	0 49	17 6	0 16	3 45	1 21	23 28	0 9	0 58	0 39	16 51	0 55	26 58	3 19	3 24	3 19	15 8		n.a.
T 25	23 42	28 37	4 56	22 8	0 42	17 14	0 44	17 18	0 16	3 47	1 21	23 29	0 9	0 58	0 39	16 51	0 55	26 58	3 19	3 29	3 21	15 11		n.a.
W26	23 42	27 32	4 37	21 45	0 33	16 52	0 38	17 30	0 15	3 50	1 21	23 29	0 9	0 58	0 39	16 50	0 55	26 58	3 19	3 34	3 22	15 14		n.a.
T 27	23 42	24 57	4 3	21 21	0 25	16 29	0 33	17 42	0 14	3 53	1 22	23 30	0 9	0 58	0 39	16 50	0 55	26 58	3 19	3 38	3 23	15 17		n.a.
F 28	23 41	21 3	3 17	20 57	0 15	16 7	0 27	17 53	0 14	3 56	1 22	23 30	0 9	0 59	0 39	16 49	0 55	26 58	3 19	3 41	3 24	15 20		n.a.
S 29	23 40	16 1	2 19	20 32	0 6	15 44	0 21	18 5	0 13	3 58	1 22	23 31	0 9	0 59	0 39	16 49	0 55	26 58	3 19	3 43	3 26	15 23		n.a.
S 30	23n38	10n 9	1n12	20n 7	0s 4	15n21	0n15	18n16	0s12	4n 1	1s22	23s31	0s 9	0s59	0n39	16n48	0n55	26n58	3n19	3s44	3s27	15n26		n.a.

Julian Day Number = 1706233.5, Delta T = 03h03m02s
Ecliptic obliquity = 23°42'09, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°38'14, Lahiri = - 4°31'13 Julian Calendar 1 June 42 BCE == Greg. Calendar 30 May 042 BCE

The year -41 astronomical counting style corresponds to year 042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 42 BCE
geocentric

JULY 42 BCE (-41) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 23 53	5♋ 3'04	20♍41	1♌59	20♌29	22♉39	13♈20	9°R22	3♎57	16♌59	3♋59	20°D40	21♓21	2♉ 5	n.a.	M 1
T 2	18 27 49	6° 0'25	4♎34	3° 5	21°23	23°19	13°27	9♏17	3°58	17° 1	4° 0	20°R40	21°17	2°12	n.a.	T 2
W 3	18 31 46	6°57'46	18°40	4° 9	22°17	23°59	13°34	9°13	3°59	17° 3	4° 2	20♓40	21°14	2°19	n.a.	W 3
T 4	18 35 42	7°55'08	2♏58	5°10	23°10	24°39	13°40	9° 9	4° 0	17° 4	4° 4	20°38	21°11	2°25	n.a.	T 4
F 5	18 39 39	8°52'31	17°25	6° 8	24° 2	25°19	13°46	9° 4	4° 1	17° 6	4° 5	20°33	21° 8	2°32	n.a.	F 5
S 6	18 43 35	9°49'54	1♐57	7° 3	24°53	25°59	13°52	9° 0	4° 2	17° 8	4° 7	20°26	21° 5	2°39	n.a.	S 6
S 7	18 47 32	10°47'19	16°29	7°55	25°44	26°38	13°58	8°55	4° 3	17°10	4° 9	20°17	21° 2	2°45	n.a.	S 7
M 8	18 51 29	11°44'45	0♑54	8°44	26°35	27°18	14° 4	8°51	4° 4	17°12	4°11	20° 7	20°58	2°52	n.a.	M 8
T 9	18 55 25	12°42'11	15° 6	9°30	27°24	27°58	14°10	8°46	4° 5	17°14	4°12	19°57	20°55	2°59	n.a.	T 9
W10	18 59 22	13°39'39	29° 0	10°12	28°13	28°37	14°15	8°42	4° 7	17°16	4°14	19°48	20°52	3° 5	n.a.	W10
T 11	19 3 18	14°37'08	12♒31	10°50	29° 1	29°16	14°21	8°37	4° 8	17°18	4°16	19°40	20°49	3°12	n.a.	T 11
F 12	19 7 15	15°34'38	25°39	11°25	29°49	29°56	14°26	8°33	4° 9	17°19	4°17	19°35	20°46	3°19	n.a.	F 12
S 13	19 11 11	16°32'10	8♓23	11°55	0♍35	0♊35	14°31	8°29	4°11	17°21	4°19	19°33	20°42	3°25	n.a.	S 13
S 14	19 15 8	17°29'43	20°48	12°21	1°21	1°14	14°36	8°24	4°12	17°23	4°21	19°D32	20°39	3°32	n.a.	S 14
M15	19 19 4	18°27'18	2♈57	12°43	2° 6	1°53	14°40	8°20	4°14	17°25	4°22	19°33	20°36	3°39	n.a.	M15
T 16	19 23 1	19°24'54	14°54	12°59	2°50	2°32	14°45	8°15	4°15	17°27	4°24	19°R34	20°33	3°45	n.a.	T 16
W17	19 26 58	20°22'32	26°45	13°11	3°33	3°11	14°49	8°11	4°17	17°29	4°25	19°33	20°30	3°52	n.a.	W17
T 18	19 30 54	21°20'11	8♉35	13°18	4°15	3°50	14°53	8° 7	4°19	17°31	4°27	19°32	20°27	3°59	n.a.	T 18
F 19	19 34 51	22°17'52	20°30	13°R19	4°56	4°29	14°57	8° 3	4°20	17°33	4°29	19°28	20°23	4° 6	n.a.	F 19
S 20	19 38 47	23°15'35	2♊33	13°15	5°36	5° 8	15° 1	7°58	4°22	17°36	4°30	19°22	20°20	4°12	n.a.	S 20
S 21	19 42 44	24°13'20	14°48	13° 5	6°15	5°47	15° 4	7°54	4°24	17°38	4°32	19°14	20°17	4°19	n.a.	S 21
M22	19 46 40	25°11'06	27°18	12°49	6°53	6°25	15° 8	7°50	4°26	17°40	4°34	19° 5	20°14	4°26	n.a.	M22
T 23	19 50 37	26° 8'54	10♋ 4	12°28	7°30	7° 4	15°11	7°46	4°28	17°42	4°35	18°56	20°11	4°32	n.a.	T 23
W24	19 54 34	27° 6'44	23° 6	12° 1	8° 5	7°42	15°14	7°42	4°30	17°44	4°37	18°47	20° 8	4°39	n.a.	W24
T 25	19 58 30	28° 4'35	6♌24	11°29	8°39	8°21	15°17	7°38	4°32	17°46	4°38	18°39	20° 4	4°46	n.a.	T 25
F 26	20 2 27	29° 2'28	19°55	10°51	9°12	8°59	15°20	7°34	4°34	17°48	4°40	18°34	20° 1	4°52	n.a.	F 26
S 27	20 6 23	0♌ 0'22	3♍37	10° 8	9°44	9°37	15°22	7°30	4°36	17°50	4°41	18°31	19°58	4°59	n.a.	S 27
S 28	20 10 20	0°58'17	17°28	9°21	10°14	10°16	15°24	7°26	4°38	17°52	4°43	18°D30	19°55	5° 6	n.a.	S 28
M29	20 14 16	1°56'14	1♎26	8°31	10°43	10°54	15°26	7°22	4°40	17°55	4°44	18°30	19°52	5°12	n.a.	M29
T 30	20 18 13	2°54'12	15°30	7°38	11°10	11°32	15°28	7°18	4°42	17°57	4°46	18°31	19°48	5°19	n.a.	T 30
W31	20 22 9	3♌52'12	29♎38	6♌43	11♍36	12♊10	15♈30	7♑14	4♎44	17♌59	4♋48	18°R32	19♓45	5♉26	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n36	3n44	0s 0	19n42	0s15	14n58	0n 9	18n27	0s12	4n 3	1s22	23s31	0s 9	1s 0	0n39	16n48	0n55	26n58	3n19	3s44	3s28	15n29		n.a.
T 2	23 34	2s57	1 13	19 17	0 25	14 34	0 3	18 38	0 11	4 6	1 23	23 32	0 9	1 0	0 39	16 47	0 55	26 58	3 19	3 44	3 29	15 32		n.a.
W 3	23 31	9 35	2 23	18 51	0 36	14 11	0s 4	18 49	0 10	4 8	1 23	23 32	0 10	1 1	0 39	16 47	0 55	26 58	3 19	3 44	3 31	15 35		n.a.
T 4	23 28	15 50	3 24	18 26	0 47	13 47	0 11	18 59	0 9	4 11	1 23	23 33	0 10	1 1	0 39	16 46	0 55	26 58	3 19	3 45	3 32	15 38		n.a.
F 5	23 24	21 16	4 14	18 0	0 58	13 23	0 17	19 10	0 9	4 13	1 23	23 33	0 10	1 1	0 39	16 45	0 55	26 58	3 19	3 47	3 33	15 41		n.a.
S 6	23 20	25 27	4 47	17 35	1 10	12 59	0 24	19 20	0 8	4 15	1 24	23 33	0 10	1 2	0 39	16 45	0 55	26 58	3 20	3 50	3 34	15 44		n.a.
S 7	23 16	28 0	5 2	17 11	1 21	12 35	0 32	19 30	0 7	4 17	1 24	23 34	0 10	1 2	0 39	16 44	0 55	26 58	3 20	3 53	3 36	15 47		n.a.
M 8	23 11	28 39	4 57	16 47	1 33	12 11	0 39	19 40	0 6	4 19	1 24	23 34	0 10	1 3	0 38	16 44	0 55	26 58	3 20	3 57	3 37	15 50		n.a.
T 9	23 5	27 22	4 34	16 23	1 45	11 47	0 46	19 50	0 6	4 21	1 24	23 35	0 10	1 3	0 38	16 43	0 55	26 58	3 20	4 1	3 38	15 53		n.a.
W10	23 0	24 25	3 55	16 0	1 57	11 23	0 54	19 59	0 5	4 23	1 24	23 35	0 10	1 4	0 38	16 43	0 55	26 58	3 20	4 5	3 40	15 55		n.a.
T 11	22 53	20 10	3 4	15 38	2 9	10 59	1 2	20 9	0 4	4 25	1 25	23 35	0 10	1 4	0 38	16 42	0 55	26 58	3 20	4 8	3 41	15 58		n.a.
F 12	22 47	15 3	2 4	15 17	2 21	10 34	1 10	20 18	0 3	4 27	1 25	23 36	0 10	1 5	0 38	16 41	0 55	26 58	3 20	4 10	3 42	16 1		n.a.
S 13	22 40	9 26	0 59	14 57	2 33	10 10	1 18	20 27	0 3	4 28	1 25	23 36	0 10	1 6	0 38	16 41	0 55	26 58	3 20	4 11	3 43	16 4		n.a.
S 14	22 33	3 35	0n 7	14 38	2 45	9 46	1 26	20 36	0 2	4 30	1 25	23 36	0 11	1 6	0 38	16 40	0 55	26 58	3 20	4 11	3 45	16 7		n.a.
M15	22 25	2n16	1 11	14 21	2 57	9 22	1 35	20 45	0 1	4 32	1 26	23 37	0 11	1 7	0 38	16 40	0 55	26 58	3 20	4 11	3 46	16 10		n.a.
T 16	22 17	7 57	2 11	14 5	3 9	8 58	1 44	20 53	0 0	4 33	1 26	23 37	0 11	1 8	0 38	16 39	0 55	26 58	3 20	4 11	3 47	16 13		n.a.
W17	22 8	13 18	3 5	13 51	3 20	8 34	1 52	21 2	0n 0	4 35	1 26	23 38	0 11	1 8	0 38	16 38	0 55	26 58	3 20	4 11	3 48	16 16		n.a.
T 18	21 59	18 10	3 51	13 39	3 31	8 11	2 1	21 10	0 1	4 36	1 26	23 38	0 11	1 9	0 38	16 38	0 55	26 58	3 21	4 11	3 50	16 19		n.a.
F 19	21 50	22 22	4 28	13 28	3 41	7 47	2 11	21 18	0 2	4 37	1 27	23 38	0 11	1 10	0 38	16 37	0 55	26 58	3 21	4 13	3 51	16 22		n.a.
S 20	21 40	25 41	4 53	13 20	3 51	7 24	2 20	21 26	0 3	4 39	1 27	23 39	0 11	1 10	0 38	16 36	0 55	26 58	3 21	4 15	3 52	16 25		n.a.
S 21	21 30	27 52	5 5	13 14	4 0	7 0	2 29	21 34	0 3	4 40	1 27	23 39	0 11	1 11	0 38	16 36	0 55	26 58	3 21	4 18	3 53	16 28		n.a.
M22	21 20	28 43	5 2	13 10	4 9	6 37	2 39	21 41	0 4	4 41	1 27	23 39	0 11	1 12	0 38	16 35	0 55	26 58	3 21	4 22	3 55	16 31		n.a.
T 23	21 9	28 3	4 45	13 9	4 16	6 14	2 49	21 49	0 5	4 42	1 28	23 40	0 11	1 13	0 38	16 34	0 55	26 58	3 21	4 26	3 56	16 33		n.a.
W24	20 58	25 51	4 13	13 11	4 22	5 52	2 59	21 56	0 6	4 43	1 28	23 40	0 11	1 14	0 38	16 34	0 55	26 58	3 21	4 29	3 57	16 36		n.a.
T 25	20 46	22 12	3 27	13 15	4 27	5 30	3 9	22 3	0 7	4 44	1 28	23 40	0 11	1 14	0 38	16 33	0 55	26 58	3 21	4 32	3 58	16 39		n.a.
F 26	20 35	17 20	2 28	13 22	4 31	5 8	3 19	22 10	0 7	4 45	1 28	23 41	0 12	1 15	0 38	16 32	0 55	26 58	3 21	4 34	4 0	16 42		n.a.
S 27	20 22	11 31	1 19	13 31	4 33	4 46	3 30	22 16	0 8	4 45	1 29	23 41	0 12	1 16	0 38	16 32	0 55	26 58	3 21	4 36	4 1	16 45		n.a.
S 28	20 10	5 5	0 6	13 43	4 33	4 25	3 40	22 23	0 9	4 46	1 29	23 41	0 12	1 17	0 38	16 31	0 55	26 58	3 22	4 36	4 2	16 48		n.a.
M29	19 57	1s38	1s 9	13 58	4 32	4 4	3 51	22 29	0 10	4 46	1 29	23 41	0 12	1 18	0 38	16 30	0 55	26 59	3 22	4 36	4 3	16 51		n.a.
T 30	19 43	8 20	2 21	14 15	4 28	3 44	4 2	22 35	0 11	4 47	1 29	23 42	0 12	1 19	0 38	16 30	0 55	26 59	3 22	4 35	4 5	16 54		n.a.
W31	19n30	14s38	3s24	14n34	4s23	3n24	4s13	22n41	0n11	4n47	1s30	23s42	0s12	1s20	0n38	16n29	0n55	26n59	3n22	4s35	4s 6	16n57		n.a.

Julian Day Number = 1706263.5, Delta T = 03h03m01s
Ecliptic obliquity = 23°42'09, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°38'10, Lahiri = - 4°31'09 Julian Calendar 1 July 42 BCE == Greg. Calendar 29 June 042 BCE

The year -41 astronomical counting style corresponds to year 042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 42 BCE
geocentric

AUGUST 42 BCE (-41) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 26 6	4♌50'13	13♏49	5°R47	12♍ 0	12♊47	15♈31	7°R11	4♎47	18♌ 1	4♋49	18°R32	19♓42	5♉32	n.a.	T 1
F 2	20 30 2	5°48'16	28° 1	4♌51	12°22	13°25	15°33	7♂ 7	4°49	18° 3	4°51	18♓30	19°39	5°39	n.a.	F 2
S 3	20 33 59	6°46'20	12♐12	3°57	12°42	14° 3	15°34	7° 3	4°51	18° 6	4°52	18°26	19°36	5°46	n.a.	S 3
S 4	20 37 56	7°44'26	26°18	3° 6	13° 1	14°41	15°35	7° 0	4°54	18° 8	4°53	18°21	19°33	5°53	n.a.	S 4
M 5	20 41 52	8°42'33	10♑16	2°19	13°18	15°18	15°35	6°56	4°56	18°10	4°55	18°15	19°29	5°59	n.a.	M 5
T 6	20 45 49	9°40'42	24° 2	1°36	13°32	15°56	15°36	6°53	4°59	18°12	4°56	18° 8	19°26	6° 6	n.a.	T 6
W 7	20 49 45	10°38'53	7♒33	1° 0	13°45	16°33	15°36	6°50	5° 1	18°14	4°58	18° 3	19°23	6°13	n.a.	W 7
T 8	20 53 42	11°37'05	20°47	0°31	13°56	17°10	15°R36	6°46	5° 4	18°17	4°59	17°59	19°20	6°19	n.a.	T 8
F 9	20 57 38	12°35'20	3♓43	0° 9	14° 4	17°47	15°36	6°43	5° 6	18°19	5° 1	17°56	19°17	6°26	n.a.	F 9
S 10	21 1 35	13°33'36	16°20	29♋56	14°11	18°24	15°36	6°40	5° 9	18°21	5° 2	17°D55	19°14	6°33	n.a.	S 10
S 11	21 5 31	14°31'54	28°41	29°D51	14°15	19° 2	15°35	6°37	5°12	18°23	5° 3	17°55	19°10	6°39	n.a.	S 11
M12	21 9 28	15°30'15	10♈49	29°55	14°R17	19°38	15°34	6°34	5°15	18°25	5° 5	17°57	19° 7	6°46	n.a.	M12
T 13	21 13 25	16°28'37	22°46	0♌ 9	14°17	20°15	15°34	6°31	5°17	18°28	5° 6	17°59	19° 4	6°53	n.a.	T 13
W14	21 17 21	17°27'02	4♉38	0°31	14°14	20°52	15°32	6°28	5°20	18°30	5° 7	18° 0	19° 1	6°59	n.a.	W14
T 15	21 21 18	18°25'29	16°29	1° 2	14° 9	21°29	15°31	6°26	5°23	18°32	5° 9	18°R 1	18°58	7° 6	n.a.	T 15
F 16	21 25 14	19°23'58	28°24	1°42	14° 1	22° 5	15°30	6°23	5°26	18°34	5°10	18° 1	18°54	7°13	n.a.	F 16
S 17	21 29 11	20°22'30	10♊28	2°30	13°52	22°42	15°28	6°20	5°29	18°37	5°11	17°59	18°51	7°19	n.a.	S 17
S 18	21 33 7	21°21'04	22°46	3°26	13°39	23°18	15°26	6°18	5°32	18°39	5°12	17°56	18°48	7°26	n.a.	S 18
M19	21 37 4	22°19'40	5♋21	4°30	13°25	23°55	15°24	6°15	5°35	18°41	5°14	17°53	18°45	7°33	n.a.	M19
T 20	21 41 0	23°18'18	18°15	5°40	13° 8	24°31	15°22	6°13	5°38	18°43	5°15	17°49	18°42	7°40	n.a.	T 20
W21	21 44 57	24°16'59	1♌29	6°56	12°49	25° 7	15°19	6°11	5°41	18°46	5°16	17°45	18°39	7°46	n.a.	W21
T 22	21 48 54	25°15'42	15° 4	8°18	12°28	25°43	15°16	6° 9	5°44	18°48	5°17	17°42	18°35	7°53	n.a.	T 22
F 23	21 52 50	26°14'27	28°57	9°45	12° 4	26°19	15°13	6° 7	5°47	18°50	5°19	17°40	18°32	8° 0	n.a.	F 23
S 24	21 56 47	27°13'13	13♍ 5	11°16	11°39	26°55	15°10	6° 5	5°50	18°52	5°20	17°D39	18°29	8° 6	n.a.	S 24
S 25	22 0 43	28°12'02	27°23	12°51	11°11	27°31	15° 7	6° 3	5°53	18°54	5°21	17°39	18°26	8°13	n.a.	S 25
M26	22 4 40	29°10'53	11♎47	14°30	10°42	28° 6	15° 4	6° 1	5°56	18°57	5°22	17°40	18°23	8°20	n.a.	M26
T 27	22 8 36	0♍ 9'45	26°12	16°11	10°11	28°42	15° 0	5°59	5°59	18°59	5°23	17°41	18°20	8°26	n.a.	T 27
W28	22 12 33	1° 8'40	10♏34	17°54	9°39	29°17	14°56	5°58	6° 3	19° 1	5°24	17°43	18°16	8°33	n.a.	W28
T 29	22 16 29	2° 7'36	24°50	19°39	9° 5	29°53	14°52	5°56	6° 6	19° 3	5°25	17°43	18°13	8°40	n.a.	T 29
F 30	22 20 26	3° 6'34	8♐58	21°25	8°31	0♋28	14°48	5°55	6° 9	19° 5	5°26	17°R43	18°10	8°46	n.a.	F 30
S 31	22 24 23	4♍ 5'35	22♐55	23♌12	7♍55	1♋ 3	14♈43	5♑53	6♎13	19♌ 8	5♋27	17♓43	18♓ 7	8♉53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	19n16	20s12	4s15	14n55	4s15	3n 4	4s24	22n47	0n12	4n48	1s30	23s42	0s12	1s21	0n38	16n28	0n55	26n59	3n22	4s35	4s 7	16n59			n.a.
F 2	19 2	24 38	4 50	15 17	4 6	2 46	4 35	22 53	0 13	4 48	1 30	23 43	0 12	1 22	0 38	16 28	0 55	26 59	3 22	4 36	4 9	17 2			n.a.
S 3	18 47	27 35	5 8	15 40	3 55	2 27	4 47	22 58	0 14	4 48	1 30	23 43	0 12	1 23	0 38	16 27	0 55	26 59	3 22	4 37	4 10	17 5			n.a.
S 4	18 32	28 45	5 6	16 5	3 42	2 10	4 58	23 3	0 15	4 48	1 31	23 43	0 12	1 24	0 37	16 26	0 55	26 59	3 22	4 39	4 11	17 8			n.a.
M 5	18 17	28 4	4 47	16 29	3 28	1 53	5 9	23 8	0 16	4 48	1 31	23 43	0 12	1 25	0 37	16 26	0 55	26 59	3 22	4 42	4 12	17 11			n.a.
T 6	18 1	25 40	4 11	16 54	3 12	1 37	5 21	23 13	0 16	4 48	1 31	23 44	0 12	1 26	0 37	16 25	0 55	26 59	3 23	4 44	4 14	17 14			n.a.
W 7	17 45	21 50	3 22	17 18	2 55	1 21	5 32	23 18	0 17	4 48	1 31	23 44	0 13	1 27	0 37	16 24	0 55	26 59	3 23	4 47	4 15	17 17			n.a.
T 8	17 29	16 58	2 22	17 42	2 38	1 6	5 44	23 23	0 18	4 48	1 32	23 44	0 13	1 28	0 37	16 24	0 55	26 59	3 23	4 48	4 16	17 19			n.a.
F 9	17 13	11 27	1 17	18 4	2 20	0 53	5 55	23 27	0 19	4 48	1 32	23 44	0 13	1 29	0 37	16 23	0 55	26 59	3 23	4 49	4 17	17 22			n.a.
S 10	16 56	5 35	0 9	18 25	2 1	0 40	6 7	23 31	0 20	4 47	1 32	23 45	0 13	1 30	0 37	16 22	0 55	26 59	3 23	4 50	4 19	17 25			n.a.
S 11	16 39	0n22	0n59	18 44	1 42	0 28	6 18	23 35	0 21	4 47	1 32	23 45	0 13	1 31	0 37	16 22	0 55	26 59	3 23	4 49	4 20	17 28			n.a.
M12	16 22	6 11	2 2	19 2	1 24	0 16	6 29	23 39	0 22	4 46	1 33	23 45	0 13	1 32	0 37	16 21	0 55	26 59	3 23	4 49	4 21	17 31			n.a.
T 13	16 4	11 43	2 59	19 17	1 5	0 6	6 40	23 43	0 23	4 46	1 33	23 45	0 13	1 33	0 37	16 20	0 55	26 59	3 23	4 48	4 22	17 33			n.a.
W14	15 46	16 47	3 48	19 29	0 47	0s 3	6 51	23 46	0 23	4 45	1 33	23 46	0 13	1 34	0 37	16 20	0 55	27 0	3 24	4 48	4 24	17 36			n.a.
T 15	15 28	21 13	4 27	19 39	0 30	0 11	7 2	23 50	0 24	4 45	1 33	23 46	0 13	1 36	0 37	16 19	0 55	27 0	3 24	4 47	4 25	17 39			n.a.
F 16	15 10	24 49	4 55	19 47	0 14	0 17	7 12	23 53	0 25	4 44	1 33	23 46	0 13	1 37	0 37	16 18	0 55	27 0	3 24	4 47	4 26	17 42			n.a.
S 17	14 51	27 23	5 11	19 51	0n 2	0 23	7 23	23 56	0 26	4 43	1 34	23 46	0 13	1 38	0 37	16 17	0 55	27 0	3 24	4 48	4 27	17 45			n.a.
S 18	14 32	28 42	5 12	19 52	0 17	0 28	7 32	23 59	0 27	4 42	1 34	23 46	0 13	1 39	0 37	16 17	0 55	27 0	3 24	4 49	4 29	17 47			n.a.
M19	14 13	28 35	4 59	19 51	0 31	0 31	7 42	24 2	0 28	4 41	1 34	23 47	0 13	1 40	0 37	16 16	0 55	27 0	3 24	4 51	4 30	17 50			n.a.
T 20	13 54	26 55	4 31	19 46	0 43	0 33	7 51	24 4	0 29	4 40	1 34	23 47	0 13	1 42	0 37	16 15	0 55	27 0	3 24	4 52	4 31	17 53			n.a.
W21	13 34	23 44	3 47	19 37	0 55	0 33	7 59	24 6	0 30	4 39	1 35	23 47	0 14	1 43	0 37	16 15	0 55	27 0	3 25	4 54	4 32	17 56			n.a.
T 22	13 15	19 12	2 50	19 26	1 5	0 33	8 7	24 9	0 31	4 37	1 35	23 47	0 14	1 44	0 37	16 14	0 55	27 0	3 25	4 55	4 34	17 59			n.a.
F 23	12 54	13 33	1 41	19 12	1 14	0 31	8 15	24 11	0 32	4 36	1 35	23 47	0 14	1 45	0 37	16 13	0 55	27 0	3 25	4 56	4 35	18 1			n.a.
S 24	12 34	7 6	0 25	18 54	1 23	0 27	8 22	24 12	0 32	4 35	1 35	23 47	0 14	1 47	0 37	16 13	0 55	27 0	3 25	4 56	4 36	18 4			n.a.
S 25	12 14	0 14	0s54	18 34	1 30	0 22	8 28	24 14	0 33	4 33	1 35	23 48	0 14	1 48	0 37	16 12	0 56	27 0	3 25	4 56	4 37	18 7			n.a.
M26	11 53	6s41	2 9	18 11	1 36	0 16	8 33	24 16	0 34	4 32	1 36	23 48	0 14	1 49	0 37	16 11	0 56	27 1	3 25	4 55	4 39	18 10			n.a.
T 27	11 32	13 17	3 17	17 46	1 41	0 9	8 38	24 17	0 35	4 30	1 36	23 48	0 14	1 51	0 37	16 11	0 56	27 1	3 25	4 55	4 40	18 12			n.a.
W28	11 11	19 8	4 12	17 18	1 45	0 0	8 41	24 18	0 36	4 28	1 36	23 48	0 14	1 52	0 37	16 10	0 56	27 1	3 25	4 55	4 41	18 15			n.a.
T 29	10 50	23 53	4 51	16 48	1 48	0n 9	8 44	24 19	0 37	4 27	1 36	23 48	0 14	1 53	0 37	16 9	0 56	27 1	3 26	4 54	4 42	18 18			n.a.
F 30	10 29	27 11	5 12	16 15	1 50	0 20	8 46	24 20	0 38	4 25	1 36	23 48	0 14	1 55	0 37	16 9	0 56	27 1	3 26	4 54	4 44	18 21			n.a.
S 31	10n 7	28s45	5s15	15n41	1n52	0n33	8s47	24n21	0n39	4n23	1s37	23s48	0s14	1s56	0n37	16n 8	0n56	27n 1	3n26	4s55	4s45	18n23			n.a.

Julian Day Number = 1706294.5, Delta T = 03h03m00s
Ecliptic obliquity = 23°42'09, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°38'06, Lahiri = - 4°31'05 Julian Calendar 1 Aug. 42 BCE == Greg. Calendar 30 July 042 BCE

The year -41 astronomical counting style corresponds to year 042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 42 BCE
geocentric

SEPTEMBER 42 BCE (-41) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 28 19	5♍ 4'36	6♉40	25♌ 0	7°R19	1♋38	14°R39	5°R52	6♎16	19♌10	5♋28	17°R41	18♓ 4	9♉ 0	n.a.	S 1
M 2	22 32 16	6° 3'40	20°13	26°48	6♍42	2°13	14♈34	5♉51	6°19	19°12	5°29	17♓40	18° 0	9° 7	n.a.	M 2
T 3	22 36 12	7° 2'46	3♒33	28°37	6° 6	2°48	14°29	5°50	6°23	19°14	5°30	17°38	17°57	9°13	n.a.	T 3
W 4	22 40 9	8° 1'53	16°39	0♍25	5°29	3°23	14°24	5°49	6°26	19°16	5°31	17°37	17°54	9°20	n.a.	W 4
T 5	22 44 5	9° 1'03	29°31	2°14	4°52	3°57	14°19	5°48	6°30	19°18	5°32	17°36	17°51	9°27	n.a.	T 5
F 6	22 48 2	10° 0'14	12♓10	4° 2	4°17	4°32	14°13	5°47	6°33	19°20	5°33	17°D36	17°48	9°33	n.a.	F 6
S 7	22 51 58	10°59'28	24°35	5°49	3°42	5° 6	14° 8	5°47	6°36	19°23	5°34	17°36	17°45	9°40	n.a.	S 7
S 8	22 55 55	11°58'44	6♈48	7°36	3° 8	5°40	14° 2	5°46	6°40	19°25	5°34	17°36	17°41	9°47	n.a.	S 8
M 9	22 59 52	12°58'02	18°51	9°23	2°35	6°15	13°56	5°46	6°43	19°27	5°35	17°37	17°38	9°53	n.a.	M 9
T 10	23 3 48	13°57'23	0♉46	11° 9	2° 4	6°49	13°50	5°45	6°47	19°29	5°36	17°37	17°35	10° 0	n.a.	T 10
W11	23 7 45	14°56'46	12°37	12°54	1°34	7°22	13°44	5°45	6°51	19°31	5°37	17°38	17°32	10° 7	n.a.	W11
T 12	23 11 41	15°56'11	24°28	14°39	1° 6	7°56	13°38	5°45	6°54	19°33	5°37	17°38	17°29	10°13	n.a.	T 12
F 13	23 15 38	16°55'39	6♊22	16°23	0°41	8°30	13°31	5°D45	6°58	19°35	5°38	17°38	17°25	10°20	n.a.	F 13
S 14	23 19 34	17°55'09	18°25	18° 6	0°17	9° 4	13°25	5°45	7° 1	19°37	5°39	17°38	17°22	10°27	n.a.	S 14
S 15	23 23 31	18°54'41	0♋40	19°49	29♌55	9°37	13°18	5°45	7° 5	19°39	5°39	17°38	17°19	10°34	n.a.	S 15
M16	23 27 27	19°54'16	13°13	21°31	29°36	10°10	13°11	5°45	7° 9	19°41	5°40	17°38	17°16	10°40	n.a.	M16
T 17	23 31 24	20°53'54	26° 6	23°12	29°19	10°43	13° 4	5°46	7°12	19°43	5°41	17°38	17°13	10°47	n.a.	T 17
W18	23 35 20	21°53'33	9♌24	24°53	29° 4	11°16	12°57	5°46	7°16	19°45	5°41	17°39	17°10	10°54	n.a.	W18
T 19	23 39 17	22°53'15	23° 6	26°33	28°52	11°49	12°50	5°47	7°20	19°47	5°42	17°39	17° 6	11° 0	n.a.	T 19
F 20	23 43 14	23°52'59	7♍12	28°12	28°43	12°22	12°43	5°47	7°23	19°49	5°42	17°40	17° 3	11° 7	n.a.	F 20
S 21	23 47 10	24°52'45	21°39	29°50	28°35	12°55	12°35	5°48	7°27	19°51	5°43	17°R40	17° 0	11°14	n.a.	S 21
S 22	23 51 7	25°52'34	6♎22	1♎28	28°31	13°27	12°28	5°49	7°31	19°53	5°43	17°39	16°57	11°20	n.a.	S 22
M23	23 55 3	26°52'24	21°14	3° 6	28°D28	13°59	12°20	5°50	7°34	19°54	5°44	17°39	16°54	11°27	n.a.	M23
T 24	23 59 0	27°52'16	6♏ 6	4°42	28°28	14°32	12°12	5°51	7°38	19°56	5°44	17°37	16°51	11°34	n.a.	T 24
W25	0 2 56	28°52'11	20°51	6°18	28°31	15° 4	12° 5	5°52	7°42	19°58	5°45	17°36	16°47	11°41	n.a.	W25
T 26	0 6 53	29°52'07	5♐23	7°54	28°35	15°35	11°57	5°53	7°46	20° 0	5°45	17°35	16°44	11°47	n.a.	T 26
F 27	0 10 49	0♎52'05	19°38	9°29	28°42	16° 7	11°49	5°55	7°49	20° 2	5°45	17°34	16°41	11°54	n.a.	F 27
S 28	0 14 46	1°52'04	3♉34	11° 3	28°52	16°39	11°41	5°56	7°53	20° 4	5°46	17°D34	16°38	12° 1	n.a.	S 28
S 29	0 18 43	2°52'05	17°10	12°37	29° 3	17°10	11°33	5°58	7°57	20° 5	5°46	17°34	16°35	12° 7	n.a.	S 29
M30	0 22 39	3♎52'08	0♒27	14♎11	29♌17	17♋41	11♈25	6♉ 0	8♎ 1	20♌ 7	5♋46	17♓35	16♓31	12♉14	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n45	28s31	4s59	15n 5	1n52	0n46	8s47	24n22	0n40	4n21	1s37	23s49	0s14	1s57	0n37	16n 7	0n56	27n 1	3n26	4s55	4s46	18n26		n.a.
M 2	9 23	26 33	4 27	14 28	1 52	1 0	8 46	24 22	0 41	4 19	1 37	23 49	0 14	1 59	0 37	16 7	0 56	27 1	3 26	4 56	4 47	18 29		n.a.
T 3	9 1	23 8	3 40	13 49	1 51	1 15	8 44	24 22	0 42	4 17	1 37	23 49	0 14	2 0	0 37	16 6	0 56	27 1	3 26	4 56	4 49	18 31		n.a.
W 4	8 39	18 36	2 43	13 9	1 50	1 31	8 42	24 23	0 43	4 15	1 37	23 49	0 14	2 1	0 37	16 5	0 56	27 1	3 26	4 57	4 50	18 34		n.a.
T 5	8 17	13 18	1 39	12 29	1 48	1 48	8 38	24 23	0 44	4 13	1 37	23 49	0 15	2 3	0 37	16 5	0 56	27 2	3 27	4 57	4 51	18 37		n.a.
F 6	7 54	7 32	0 30	11 47	1 46	2 5	8 33	24 22	0 45	4 10	1 38	23 49	0 15	2 4	0 37	16 4	0 56	27 2	3 27	4 57	4 52	18 40		n.a.
S 7	7 31	1 35	0n39	11 4	1 43	2 23	8 28	24 22	0 46	4 8	1 38	23 49	0 15	2 6	0 37	16 3	0 56	27 2	3 27	4 57	4 54	18 42		n.a.
S 8	7 9	4n19	1 44	10 21	1 39	2 41	8 21	24 22	0 47	4 6	1 38	23 49	0 15	2 7	0 37	16 3	0 56	27 2	3 27	4 57	4 55	18 45		n.a.
M 9	6 46	10 0	2 45	9 37	1 36	2 59	8 14	24 21	0 48	4 3	1 38	23 49	0 15	2 8	0 37	16 2	0 56	27 2	3 27	4 57	4 56	18 48		n.a.
T 10	6 23	15 15	3 37	8 52	1 32	3 18	8 6	24 21	0 49	4 1	1 38	23 49	0 15	2 10	0 37	16 1	0 56	27 2	3 27	4 57	4 58	18 50		n.a.
W11	6 0	19 55	4 20	8 7	1 27	3 36	7 57	24 20	0 50	3 58	1 38	23 49	0 15	2 11	0 37	16 1	0 56	27 2	3 28	4 56	4 59	18 53		n.a.
T 12	5 36	23 48	4 52	7 22	1 22	3 55	7 48	24 19	0 51	3 56	1 38	23 50	0 15	2 13	0 36	16 0	0 56	27 2	3 28	4 56	5 0	18 56		n.a.
F 13	5 13	26 43	5 11	6 37	1 17	4 13	7 38	24 18	0 52	3 53	1 39	23 50	0 15	2 14	0 36	15 59	0 56	27 3	3 28	4 56	5 1	18 58		n.a.
S 14	4 50	28 27	5 17	5 51	1 12	4 31	7 27	24 17	0 53	3 50	1 39	23 50	0 15	2 16	0 36	15 59	0 56	27 3	3 28	4 56	5 3	19 1		n.a.
S 15	4 26	28 51	5 9	5 6	1 6	4 49	7 16	24 15	0 54	3 48	1 39	23 50	0 15	2 17	0 36	15 58	0 56	27 3	3 28	4 56	5 4	19 4		n.a.
M16	4 2	27 47	4 46	4 20	1 1	5 6	7 5	24 14	0 55	3 45	1 39	23 50	0 15	2 18	0 36	15 58	0 56	27 3	3 28	4 56	5 5	19 6		n.a.
T 17	3 39	25 14	4 9	3 34	0 55	5 23	6 53	24 12	0 57	3 42	1 39	23 50	0 15	2 20	0 36	15 57	0 56	27 3	3 28	4 56	5 6	19 9		n.a.
W18	3 15	21 15	3 17	2 48	0 49	5 40	6 41	24 11	0 58	3 39	1 39	23 50	0 15	2 21	0 36	15 56	0 56	27 3	3 29	4 56	5 8	19 12		n.a.
T 19	2 51	16 3	2 12	2 2	0 43	5 56	6 28	24 9	0 59	3 36	1 39	23 50	0 15	2 23	0 36	15 56	0 56	27 3	3 29	4 56	5 9	19 14		n.a.
F 20	2 27	9 51	0 58	1 17	0 36	6 11	6 16	24 7	1 0	3 33	1 39	23 50	0 15	2 24	0 36	15 55	0 56	27 3	3 29	4 56	5 10	19 17		n.a.
S 21	2 3	3 0	0s22	0 31	0 30	6 25	6 3	24 5	1 1	3 30	1 39	23 50	0 16	2 26	0 36	15 55	0 56	27 4	3 29	4 56	5 11	19 20		n.a.
S 22	1 39	4s 7	1 42	0s14	0 23	6 39	5 50	24 3	1 2	3 27	1 39	23 50	0 16	2 27	0 36	15 54	0 56	27 4	3 29	4 56	5 13	19 22		n.a.
M23	1 15	11 4	2 55	0 59	0 17	6 52	5 37	24 0	1 3	3 24	1 39	23 50	0 16	2 29	0 36	15 53	0 56	27 4	3 29	4 56	5 14	19 25		n.a.
T 24	0 51	17 25	3 57	1 44	0 10	7 4	5 24	23 58	1 4	3 21	1 39	23 50	0 16	2 30	0 36	15 53	0 56	27 4	3 30	4 57	5 15	19 27		n.a.
W25	0 27	22 42	4 43	2 29	0 4	7 16	5 11	23 56	1 5	3 18	1 39	23 50	0 16	2 32	0 36	15 52	0 56	27 4	3 30	4 57	5 16	19 30		n.a.
T 26	0 3	26 30	5 9	3 13	0s 3	7 27	4 58	23 53	1 7	3 15	1 39	23 50	0 16	2 33	0 36	15 52	0 56	27 4	3 30	4 58	5 18	19 33		n.a.
F 27	0s21	28 33	5 16	3 57	0 10	7 36	4 45	23 50	1 8	3 12	1 39	23 50	0 16	2 35	0 36	15 51	0 56	27 4	3 30	4 58	5 19	19 35		n.a.
S 28	0 45	28 43	5 4	4 40	0 16	7 45	4 32	23 48	1 9	3 9	1 39	23 50	0 16	2 36	0 36	15 51	0 56	27 5	3 30	4 58	5 20	19 38		n.a.
S 29	1 9	27 8	4 35	5 24	0 23	7 54	4 19	23 45	1 10	3 6	1 39	23 50	0 16	2 38	0 36	15 50	0 56	27 5	3 30	4 58	5 21	19 40		n.a.
M30	1s33	24s 3	3s52	6s 7	0s30	8n 1	4s 6	23n42	1n11	3n 3	1s39	23s50	0s16	2s39	0n36	15n50	0n56	27n 5	3n31	4s57	5s23	19n43		n.a.

Julian Day Number = 1706325.5, Delta T = 03h02m59s
Ecliptic obliquity = 23°42'09, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°38'01, Lahiri = - 4°31'01 Julian Calendar 1 Sept. 42 BCE == Greg. Calendar 30 Aug. 042 BCE

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ASTRODIENST EPHEMERIS for the year 42 BCE
geocentric

OCTOBER 42 BCE (-41) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 26 36	4♎52'13	13♒26	15♎44	29♌32	18♋12	11°R17	6♑ 1	8♎ 4	20♌ 9	5♋47	17♓37	16♓28	12♉21	n.a.	T 1
W 2	0 30 32	5°52'19	26°11	17°16	29°50	18°43	11♈ 9	6° 3	8° 8	20°10	5°47	17°38	16°25	12°27	n.a.	W 2
T 3	0 34 29	6°52'27	8♓43	18°48	0♍10	19°14	11° 1	6° 5	8°12	20°12	5°47	17°39	16°22	12°34	n.a.	T 3
F 4	0 38 25	7°52'37	21° 3	20°20	0°31	19°44	10°53	6° 7	8°16	20°14	5°47	17°R39	16°19	12°41	n.a.	F 4
S 5	0 42 22	8°52'48	3♈14	21°51	0°55	20°15	10°45	6° 9	8°19	20°15	5°47	17°38	16°16	12°48	n.a.	S 5
S 6	0 46 18	9°53'02	15°18	23°21	1°20	20°45	10°36	6°12	8°23	20°17	5°47	17°36	16°12	12°54	n.a.	S 6
M 7	0 50 15	10°53'17	27°15	24°51	1°47	21°15	10°28	6°14	8°27	20°19	5°48	17°33	16° 9	13° 1	n.a.	M 7
T 8	0 54 12	11°53'34	9♉ 8	26°21	2°15	21°45	10°20	6°16	8°31	20°20	5°48	17°29	16° 6	13° 8	n.a.	T 8
W 9	0 58 8	12°53'54	20°59	27°50	2°46	22°14	10°12	6°19	8°34	20°22	5°48	17°25	16° 3	13°14	n.a.	W 9
T 10	1 2 5	13°54'15	2♊49	29°19	3°17	22°44	10° 4	6°22	8°38	20°23	5°R48	17°20	16° 0	13°21	n.a.	T 10
F 11	1 6 1	14°54'38	14°44	0♏47	3°51	23°13	9°56	6°24	8°42	20°25	5°48	17°16	15°57	13°28	n.a.	F 11
S 12	1 9 58	15°55'04	26°45	2°15	4°25	23°42	9°48	6°27	8°46	20°26	5°48	17°13	15°53	13°34	n.a.	S 12
S 13	1 13 54	16°55'31	8♋56	3°42	5° 2	24°11	9°40	6°30	8°49	20°28	5°48	17°12	15°50	13°41	n.a.	S 13
M14	1 17 51	17°56'00	21°24	5° 9	5°39	24°40	9°32	6°33	8°53	20°29	5°47	17°D11	15°47	13°48	n.a.	M14
T 15	1 21 47	18°56'32	4♌10	6°35	6°18	25° 8	9°24	6°36	8°57	20°30	5°47	17°12	15°44	13°55	n.a.	T 15
W16	1 25 44	19°57'05	17°21	8° 0	6°58	25°36	9°16	6°39	9° 1	20°32	5°47	17°14	15°41	14° 1	n.a.	W16
T 17	1 29 41	20°57'40	0♍58	9°25	7°39	26° 4	9° 8	6°43	9° 4	20°33	5°47	17°15	15°37	14° 8	n.a.	T 17
F 18	1 33 37	21°58'17	15° 3	10°49	8°21	26°32	9° 0	6°46	9° 8	20°34	5°47	17°R16	15°34	14°15	n.a.	F 18
S 19	1 37 34	22°58'55	29°35	12°12	9° 5	27° 0	8°52	6°49	9°12	20°36	5°47	17°16	15°31	14°21	n.a.	S 19
S 20	1 41 30	23°59'36	14♎29	13°34	9°49	27°27	8°45	6°53	9°15	20°37	5°46	17°13	15°28	14°28	n.a.	S 20
M21	1 45 27	25° 0'18	29°39	14°55	10°35	27°54	8°37	6°57	9°19	20°38	5°46	17° 9	15°25	14°35	n.a.	M21
T 22	1 49 23	26° 1'01	14♏53	16°14	11°21	28°21	8°30	7° 0	9°23	20°39	5°46	17° 3	15°22	14°41	n.a.	T 22
W23	1 53 20	27° 1'46	0♐ 2	17°33	12° 9	28°47	8°22	7° 4	9°26	20°40	5°45	16°57	15°18	14°48	n.a.	W23
T 24	1 57 16	28° 2'33	14°56	18°50	12°57	29°13	8°15	7° 8	9°30	20°41	5°45	16°51	15°15	14°55	n.a.	T 24
F 25	2 1 13	29° 3'20	29°27	20° 5	13°46	29°39	8° 8	7°12	9°34	20°42	5°45	16°46	15°12	15° 2	n.a.	F 25
S 26	2 5 10	0♏ 4'09	13♑33	21°18	14°36	0♌ 5	8° 1	7°16	9°37	20°43	5°44	16°43	15° 9	15° 8	n.a.	S 26
S 27	2 9 6	1° 4'59	27°11	22°29	15°27	0°31	7°54	7°20	9°41	20°44	5°44	16°D42	15° 6	15°15	n.a.	S 27
M28	2 13 3	2° 5'50	10♒24	23°37	16°19	0°56	7°47	7°25	9°44	20°45	5°43	16°42	15° 2	15°22	n.a.	M28
T 29	2 16 59	3° 6'41	23°14	24°42	17°11	1°21	7°41	7°29	9°48	20°46	5°43	16°43	14°59	15°28	n.a.	T 29
W30	2 20 56	4° 7'34	5♓47	25°44	18° 4	1°45	7°34	7°33	9°52	20°47	5°42	16°45	14°56	15°35	n.a.	W30
T 31	2 24 52	5♏ 8'28	18♓ 4	26♏42	18♍58	2♌10	7♈28	7♑38	9♎55	20♌48	5♋42	16°R45	14♓53	15♉42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1s57	19s48	2s58	6s49	0s37	8n 7	3s53	23n39	1n13	2n59	1s39	23s50	0s16	2s41	0n36	15n49	0n56	27n 5	3n31	4s57	5s24	19n46		n.a.
W 2	2 21	14 44	1 56	7 31	0 43	8 13	3 41	23 36	1 14	2 56	1 39	23 50	0 16	2 42	0 36	15 49	0 56	27 5	3 31	4 56	5 25	19 48		n.a.
T 3	2 45	9 9	0 49	8 13	0 50	8 17	3 28	23 33	1 15	2 53	1 39	23 50	0 16	2 44	0 36	15 48	0 56	27 5	3 31	4 56	5 26	19 51		n.a.
F 4	3 9	3 18	0n19	8 54	0 56	8 21	3 16	23 29	1 16	2 50	1 39	23 50	0 16	2 45	0 36	15 48	0 57	27 5	3 31	4 56	5 27	19 53		n.a.
S 5	3 33	2n36	1 25	9 34	1 3	8 24	3 4	23 26	1 17	2 47	1 39	23 50	0 16	2 47	0 36	15 47	0 57	27 6	3 31	4 56	5 29	19 56		n.a.
S 6	3 57	8 20	2 26	10 14	1 9	8 26	2 52	23 23	1 19	2 44	1 39	23 50	0 16	2 48	0 36	15 47	0 57	27 6	3 32	4 57	5 30	19 58		n.a.
M 7	4 21	13 43	3 21	10 54	1 15	8 28	2 41	23 19	1 20	2 40	1 39	23 50	0 16	2 50	0 36	15 46	0 57	27 6	3 32	4 58	5 31	20 1		n.a.
T 8	4 45	18 34	4 6	11 32	1 21	8 28	2 29	23 16	1 21	2 37	1 39	23 50	0 16	2 51	0 36	15 46	0 57	27 6	3 32	5 0	5 32	20 4		n.a.
W 9	5 9	22 42	4 41	12 11	1 27	8 28	2 18	23 12	1 23	2 34	1 39	23 50	0 17	2 53	0 36	15 45	0 57	27 6	3 32	5 2	5 34	20 6		n.a.
T 10	5 33	25 54	5 3	12 48	1 33	8 26	2 7	23 8	1 24	2 31	1 39	23 49	0 17	2 54	0 36	15 45	0 57	27 6	3 32	5 3	5 35	20 9		n.a.
F 11	5 56	28 0	5 13	13 25	1 39	8 24	1 56	23 5	1 25	2 28	1 39	23 49	0 17	2 56	0 36	15 44	0 57	27 7	3 32	5 5	5 36	20 11		n.a.
S 12	6 20	28 48	5 9	14 1	1 44	8 21	1 46	23 1	1 26	2 25	1 39	23 49	0 17	2 57	0 36	15 44	0 57	27 7	3 33	5 6	5 37	20 14		n.a.
S 13	6 43	28 14	4 51	14 36	1 50	8 18	1 35	22 57	1 28	2 22	1 39	23 49	0 17	2 59	0 36	15 44	0 57	27 7	3 33	5 7	5 39	20 16		n.a.
M14	7 7	26 15	4 19	15 11	1 55	8 13	1 25	22 53	1 29	2 19	1 38	23 49	0 17	3 0	0 36	15 43	0 57	27 7	3 33	5 7	5 40	20 19		n.a.
T 15	7 30	22 53	3 34	15 45	2 0	8 8	1 15	22 49	1 30	2 15	1 38	23 49	0 17	3 2	0 36	15 43	0 57	27 7	3 33	5 7	5 41	20 21		n.a.
W16	7 53	18 17	2 36	16 17	2 4	8 2	1 6	22 45	1 32	2 12	1 38	23 49	0 17	3 3	0 36	15 42	0 57	27 7	3 33	5 6	5 42	20 24		n.a.
T 17	8 16	12 37	1 28	16 49	2 9	7 56	0 56	22 42	1 33	2 9	1 38	23 49	0 17	3 5	0 36	15 42	0 57	27 8	3 33	5 5	5 44	20 26		n.a.
F 18	8 39	6 8	0 12	17 20	2 13	7 48	0 47	22 38	1 35	2 7	1 38	23 49	0 17	3 6	0 36	15 42	0 57	27 8	3 34	5 5	5 45	20 29		n.a.
S 19	9 2	0s51	1s 7	17 50	2 17	7 40	0 38	22 34	1 36	2 4	1 38	23 49	0 17	3 8	0 36	15 41	0 57	27 8	3 34	5 5	5 46	20 31		n.a.
S 20	9 24	7 58	2 23	18 19	2 20	7 31	0 29	22 30	1 37	2 1	1 38	23 48	0 17	3 9	0 36	15 41	0 57	27 8	3 34	5 6	5 47	20 34		n.a.
M21	9 47	14 44	3 30	18 46	2 23	7 22	0 21	22 25	1 39	1 58	1 37	23 48	0 17	3 11	0 36	15 40	0 57	27 8	3 34	5 8	5 49	20 36		n.a.
T 22	10 9	20 39	4 22	19 12	2 26	7 12	0 12	22 21	1 40	1 55	1 37	23 48	0 17	3 12	0 36	15 40	0 57	27 8	3 34	5 10	5 50	20 39		n.a.
W23	10 32	25 12	4 56	19 37	2 28	7 1	0 4	22 17	1 42	1 52	1 37	23 48	0 17	3 14	0 36	15 40	0 57	27 9	3 34	5 12	5 51	20 41		n.a.
T 24	10 54	27 58	5 9	20 1	2 30	6 49	0n 4	22 13	1 43	1 50	1 37	23 48	0 17	3 15	0 36	15 39	0 57	27 9	3 34	5 15	5 52	20 44		n.a.
F 25	11 15	28 44	5 2	20 23	2 32	6 37	0 11	22 9	1 45	1 47	1 37	23 48	0 17	3 16	0 36	15 39	0 57	27 9	3 35	5 17	5 54	20 46		n.a.
S 26	11 37	27 35	4 37	20 44	2 32	6 25	0 19	22 5	1 46	1 44	1 36	23 47	0 17	3 18	0 36	15 39	0 57	27 9	3 35	5 18	5 55	20 49		n.a.
S 27	11 59	24 48	3 56	21 3	2 32	6 12	0 26	22 1	1 48	1 42	1 36	23 47	0 17	3 19	0 36	15 39	0 57	27 9	3 35	5 18	5 56	20 51		n.a.
M28	12 20	20 46	3 4	21 20	2 32	5 58	0 33	21 57	1 49	1 39	1 36	23 47	0 18	3 21	0 36	15 38	0 57	27 10	3 35	5 18	5 57	20 53		n.a.
T 29	12 41	15 52	2 4	21 35	2 31	5 44	0 40	21 53	1 51	1 37	1 36	23 47	0 18	3 22	0 36	15 38	0 57	27 10	3 35	5 18	5 59	20 56		n.a.
W30	13 2	10 24	0 59	21 48	2 29	5 29	0 46	21 49	1 52	1 34	1 36	23 47	0 18	3 23	0 36	15 38	0 58	27 10	3 35	5 17	6 0	20 58		n.a.
T 31	13s23	4s39	0n 7	21s59	2s26	5n13	0n53	21n45	1n54	1n32	1s35	23s46	0s18	3s25	0n36	15n37	0n58	27n10	3n36	5s17	6s 1	21n 1		n.a.

Julian Day Number = 1706355.5, Delta T = 03h02m59s
Ecliptic obliquity = 23°42'09, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°37'57, Lahiri = - 4°30'57 Julian Calendar 1 Oct. 42 BCE == Greg. Calendar 29 Sept. 042 BCE

The year -41 astronomical counting style corresponds to year 042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 42 BCE
geocentric

NOVEMBER 42 BCE (-41) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 28 49	6♏ 9'22	0♈12	27♏35	19♍53	2♌34	7°R21	7♑42	9♎59	20♌49	5°R41	16°R44	14♓50	15♉49	n.a.	F 1
S 2	2 32 45	7°10'18	12°12	28°24	20°48	2°57	7♈15	7°47	10° 2	20°50	5♋41	16♓41	14°47	15°55	n.a.	S 2
S 3	2 36 42	8°11'14	24° 7	29° 7	21°43	3°21	7° 9	7°51	10° 5	20°51	5°40	16°35	14°43	16° 2	n.a.	S 3
M 4	2 40 39	9°12'12	5♉59	29°43	22°40	3°44	7° 4	7°56	10° 9	20°51	5°40	16°26	14°40	16° 9	n.a.	M 4
T 5	2 44 35	10°13'11	17°51	0♐13	23°37	4° 7	6°58	8° 1	10°12	20°52	5°39	16°16	14°37	16°15	n.a.	T 5
W 6	2 48 32	11°14'11	29°43	0°34	24°34	4°29	6°52	8° 6	10°16	20°53	5°38	16° 5	14°34	16°22	n.a.	W 6
T 7	2 52 28	12°15'12	11♊37	0°46	25°32	4°51	6°47	8°11	10°19	20°54	5°38	15°54	14°31	16°29	n.a.	T 7
F 8	2 56 25	13°16'15	23°34	0°R49	26°31	5°13	6°42	8°16	10°22	20°54	5°37	15°43	14°28	16°35	n.a.	F 8
S 9	3 0 21	14°17'18	5♋38	0°41	27°30	5°34	6°37	8°21	10°26	20°55	5°36	15°35	14°24	16°42	n.a.	S 9
S 10	3 4 18	15°18'22	17°51	0°22	28°30	5°55	6°32	8°26	10°29	20°55	5°35	15°28	14°21	16°49	n.a.	S 10
M11	3 8 14	16°19'28	0♌16	29♏52	29°30	6°16	6°28	8°32	10°32	20°56	5°35	15°25	14°18	16°56	n.a.	M11
T 12	3 12 11	17°20'35	12°57	29°11	0♎30	6°36	6°23	8°37	10°35	20°56	5°34	15°D23	14°15	17° 2	n.a.	T 12
W13	3 16 8	18°21'42	25°59	28°18	1°31	6°56	6°19	8°42	10°39	20°57	5°33	15°23	14°12	17° 9	n.a.	W13
T 14	3 20 4	19°22'51	9♍25	27°16	2°33	7°16	6°15	8°48	10°42	20°57	5°32	15°R24	14° 8	17°16	n.a.	T 14
F 15	3 24 1	20°24'01	23°18	26° 5	3°34	7°35	6°11	8°53	10°45	20°58	5°31	15°24	14° 5	17°22	n.a.	F 15
S 16	3 27 57	21°25'11	7♎39	24°47	4°37	7°54	6° 7	8°59	10°48	20°58	5°30	15°22	14° 2	17°29	n.a.	S 16
S 17	3 31 54	22°26'23	22°27	23°26	5°39	8°12	6° 4	9° 4	10°51	20°58	5°29	15°17	13°59	17°36	n.a.	S 17
M18	3 35 50	23°27'35	7♏35	22° 3	6°42	8°30	6° 0	9°10	10°54	20°59	5°28	15°10	13°56	17°43	n.a.	M18
T 19	3 39 47	24°28'48	22°54	20°41	7°45	8°47	5°57	9°16	10°57	20°59	5°27	15° 0	13°53	17°49	n.a.	T 19
W20	3 43 43	25°30'02	8♐14	19°24	8°49	9° 4	5°54	9°22	11° 0	20°59	5°26	14°49	13°49	17°56	n.a.	W20
T 21	3 47 40	26°31'16	23°22	18°14	9°53	9°20	5°52	9°28	11° 3	20°59	5°26	14°39	13°46	18° 3	n.a.	T 21
F 22	3 51 37	27°32'31	8♑ 9	17°11	10°57	9°36	5°49	9°33	11° 6	20°59	5°25	14°29	13°43	18° 9	n.a.	F 22
S 23	3 55 33	28°33'45	22°28	16°19	12° 2	9°52	5°47	9°39	11° 9	21° 0	5°23	14°22	13°40	18°16	n.a.	S 23
S 24	3 59 30	29°35'00	6♒16	15°37	13° 7	10° 7	5°45	9°46	11°12	21° 0	5°22	14°17	13°37	18°23	n.a.	S 24
M25	4 3 26	0♐36'15	19°35	15° 5	14°12	10°21	5°43	9°52	11°14	21° 0	5°21	14°15	13°34	18°30	n.a.	M25
T 26	4 7 23	1°37'29	2♓28	14°45	15°17	10°35	5°41	9°58	11°17	21°R 0	5°20	14°D15	13°30	18°36	n.a.	T 26
W27	4 11 19	2°38'44	14°58	14°35	16°23	10°49	5°40	10° 4	11°20	21° 0	5°19	14°R15	13°27	18°43	n.a.	W27
T 28	4 15 16	3°39'58	27°11	14°D34	17°29	11° 2	5°38	10°10	11°23	21° 0	5°18	14°14	13°24	18°50	n.a.	T 28
F 29	4 19 12	4°41'13	9♈13	14°43	18°35	11°14	5°37	10°16	11°25	20°59	5°17	14°12	13°21	18°56	n.a.	F 29
S 30	4 23 9	5♐42'27	21♈ 7	15♏ 0	19♎42	11♌26	5♈36	10♑23	11♎28	20♌59	5♋16	14♓ 7	13♓18	19♉ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	13s43	1n10	1n12	22s 8	2s22	4n57	0n59	21n41	1n56	1n30	1s35	23s46	0s18	3s26	0n36	15n37	0n58	27n10	3n36	5s18	6s 2	21n 3		n.a.	F 1
S 2	14 3	6 54	2 13	22 15	2 17	4 41	1 5	21 37	1 57	1 28	1 35	23 46	0 18	3 28	0 36	15 37	0 58	27 10	3 36	5 19	6 4	21 6		n.a.	S 2
S 3	14 23	12 20	3 7	22 19	2 11	4 24	1 11	21 33	1 59	1 25	1 35	23 46	0 18	3 29	0 36	15 37	0 58	27 11	3 36	5 21	6 5	21 8		n.a.	S 3
M 4	14 43	17 19	3 53	22 20	2 4	4 7	1 16	21 29	2 1	1 23	1 34	23 46	0 18	3 30	0 36	15 37	0 58	27 11	3 36	5 24	6 6	21 10		n.a.	M 4
T 5	15 3	21 37	4 28	22 18	1 55	3 49	1 22	21 25	2 2	1 21	1 34	23 45	0 18	3 32	0 36	15 36	0 58	27 11	3 36	5 28	6 7	21 13		n.a.	T 5
W 6	15 22	25 4	4 52	22 13	1 46	3 31	1 27	21 21	2 4	1 19	1 34	23 45	0 18	3 33	0 36	15 36	0 58	27 11	3 37	5 33	6 9	21 15		n.a.	W 6
T 7	15 41	27 26	5 3	22 4	1 34	3 12	1 32	21 17	2 6	1 18	1 34	23 45	0 18	3 34	0 36	15 36	0 58	27 11	3 37	5 37	6 10	21 18		n.a.	T 7
F 8	16 0	28 34	5 1	21 53	1 22	2 53	1 37	21 14	2 7	1 16	1 33	23 45	0 18	3 36	0 36	15 36	0 58	27 12	3 37	5 41	6 11	21 20		n.a.	F 8
S 9	16 18	28 21	4 46	21 37	1 7	2 33	1 41	21 10	2 9	1 14	1 33	23 44	0 18	3 37	0 36	15 36	0 58	27 12	3 37	5 45	6 12	21 22		n.a.	S 9
S 10	16 36	26 45	4 17	21 18	0 52	2 13	1 46	21 6	2 11	1 12	1 33	23 44	0 18	3 38	0 36	15 36	0 58	27 12	3 37	5 47	6 13	21 25		n.a.	S 10
M11	16 54	23 50	3 36	20 54	0 35	1 53	1 50	21 3	2 13	1 11	1 32	23 44	0 18	3 39	0 36	15 35	0 58	27 12	3 37	5 49	6 15	21 27		n.a.	M11
T 12	17 12	19 44	2 44	20 27	0 16	1 32	1 54	21 0	2 14	1 9	1 32	23 43	0 18	3 41	0 36	15 35	0 58	27 12	3 37	5 49	6 16	21 29		n.a.	T 12
W13	17 29	14 35	1 42	19 57	0n 3	1 11	1 58	20 56	2 16	1 8	1 32	23 43	0 18	3 42	0 36	15 35	0 58	27 12	3 38	5 49	6 17	21 32		n.a.	W13
T 14	17 46	8 37	0 32	19 23	0 23	0 50	2 2	20 53	2 18	1 7	1 31	23 43	0 18	3 43	0 36	15 35	0 58	27 13	3 38	5 49	6 18	21 34		n.a.	T 14
F 15	18 3	2 3	0s42	18 46	0 44	0 29	2 5	20 50	2 20	1 5	1 31	23 43	0 19	3 44	0 36	15 35	0 58	27 13	3 38	5 49	6 20	21 36		n.a.	F 15
S 16	18 19	4s50	1 55	18 8	1 4	0 7	2 9	20 47	2 22	1 4	1 31	23 42	0 19	3 46	0 36	15 35	0 58	27 13	3 38	5 50	6 21	21 39		n.a.	S 16
S 17	18 35	11 40	3 3	17 29	1 24	0s15	2 12	20 44	2 24	1 3	1 31	23 42	0 19	3 47	0 37	15 35	0 58	27 13	3 38	5 52	6 22	21 41		n.a.	S 17
M18	18 51	17 58	4 0	16 50	1 42	0 38	2 15	20 41	2 26	1 2	1 30	23 42	0 19	3 48	0 37	15 35	0 58	27 13	3 38	5 54	6 23	21 43		n.a.	M18
T 19	19 6	23 12	4 40	16 12	1 59	1 0	2 18	20 38	2 28	1 1	1 30	23 41	0 19	3 49	0 37	15 35	0 58	27 13	3 38	5 58	6 25	21 46		n.a.	T 19
W20	19 21	26 51	5 0	15 37	2 14	1 23	2 20	20 35	2 29	1 0	1 30	23 41	0 19	3 50	0 37	15 35	0 58	27 14	3 39	6 2	6 26	21 48		n.a.	W20
T 21	19 35	28 30	4 58	15 5	2 27	1 46	2 23	20 33	2 31	0 59	1 29	23 40	0 19	3 52	0 37	15 35	0 58	27 14	3 39	6 7	6 27	21 50		n.a.	T 21
F 22	19 50	28 3	4 37	14 38	2 38	2 10	2 25	20 30	2 33	0 59	1 29	23 40	0 19	3 53	0 37	15 35	0 59	27 14	3 39	6 10	6 28	21 53		n.a.	F 22
S 23	20 3	25 43	3 58	14 15	2 46	2 33	2 27	20 28	2 35	0 58	1 29	23 40	0 19	3 54	0 37	15 35	0 59	27 14	3 39	6 13	6 30	21 55		n.a.	S 23
S 24	20 17	21 55	3 7	13 57	2 52	2 57	2 29	20 26	2 37	0 57	1 28	23 39	0 19	3 55	0 37	15 35	0 59	27 14	3 39	6 15	6 31	21 57		n.a.	S 24
M25	20 30	17 6	2 7	13 44	2 56	3 20	2 31	20 24	2 40	0 57	1 28	23 39	0 19	3 56	0 37	15 35	0 59	27 15	3 39	6 16	6 32	22 0		n.a.	M25
T 26	20 43	11 40	1 2	13 36	2 58	3 44	2 33	20 22	2 42	0 57	1 28	23 39	0 19	3 57	0 37	15 35	0 59	27 15	3 39	6 16	6 33	22 2		n.a.	T 26
W27	20 55	5 56	0n 4	13 33	2 58	4 8	2 34	20 20	2 44	0 56	1 27	23 38	0 19	3 58	0 37	15 35	0 59	27 15	3 39	6 16	6 34	22 4		n.a.	W27
T 28	21 7	0 6	1 8	13 34	2 57	4 32	2 36	20 18	2 46	0 56	1 27	23 38	0 19	3 59	0 37	15 35	0 59	27 15	3 40	6 16	6 36	22 6		n.a.	T 28
F 29	21 18	5n39	2 8	13 39	2 55	4 57	2 37	20 17	2 48	0 56	1 27	23 37	0 19	4 0	0 37	15 35	0 59	27 15	3 40	6 17	6 37	22 9		n.a.	F 29
S 30	21s30	11n 7	3n 2	13s47	2n51	5s21	2n38	20n16	2n50	0n56	1s26	23s37	0s19	4s 1	0n37	15n35	0n59	27n15	3n40	6s19	6s38	22n11		n.a.	S 30

Julian Day Number = 1706386.5, Delta T = 03h02m58s
Ecliptic obliquity = 23°42'09, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°37'53, Lahiri = - 4°30'53 Julian Calendar 1 Nov. 42 BCE == Greg. Calendar 30 Oct. 042 BCE

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ASTRODIENST EPHEMERIS for the year 42 BCE
geocentric

DECEMBER 42 BCE (-41) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 27 6	6♐43'41	2♉57	15♏25	20♎48	11♌37	5°R36	10♑29	11♎30	20°R59	5°R15	13°R59	13♓14	19♉10	n.a.	S 1
M 2	4 31 2	7°44'56	14°47	15°57	21°55	11°48	5♈35	10°36	11°33	20♌59	5♋14	13♓48	13°11	19°16	n.a.	M 2
T 3	4 34 59	8°46'10	26°40	16°35	23° 2	11°58	5°35	10°42	11°35	20°59	5°12	13°34	13° 8	19°23	n.a.	T 3
W 4	4 38 55	9°47'24	8♊35	17°19	24°10	12° 7	5°D35	10°48	11°38	20°58	5°11	13°19	13° 5	19°30	n.a.	W 4
T 5	4 42 52	10°48'38	20°36	18° 7	25°17	12°16	5°35	10°55	11°40	20°58	5°10	13° 4	13° 2	19°37	n.a.	T 5
F 6	4 46 48	11°49'52	2♋42	19° 0	26°25	12°24	5°36	11° 2	11°42	20°58	5° 9	12°50	12°59	19°43	n.a.	F 6
S 7	4 50 45	12°51'06	14°55	19°57	27°33	12°32	5°36	11° 8	11°45	20°58	5° 8	12°38	12°55	19°50	n.a.	S 7
S 8	4 54 42	13°52'20	27°17	20°58	28°41	12°39	5°37	11°15	11°47	20°57	5° 6	12°29	12°52	19°57	n.a.	S 8
M 9	4 58 38	14°53'33	9♌48	22° 1	29°50	12°45	5°38	11°22	11°49	20°57	5° 5	12°23	12°49	20° 3	n.a.	M 9
T 10	5 2 35	15°54'47	22°33	23° 7	0♏58	12°51	5°39	11°28	11°51	20°56	5° 4	12°20	12°46	20°10	n.a.	T 10
W11	5 6 31	16°56'01	5♍33	24°16	2° 7	12°56	5°41	11°35	11°53	20°56	5° 3	12°19	12°43	20°17	n.a.	W11
T 12	5 10 28	17°57'14	18°52	25°27	3°16	13° 0	5°43	11°42	11°56	20°55	5° 1	12°19	12°40	20°24	n.a.	T 12
F 13	5 14 24	18°58'28	2♎34	26°40	4°25	13° 4	5°44	11°49	11°58	20°55	5° 0	12°18	12°36	20°30	n.a.	F 13
S 14	5 18 21	19°59'41	16°40	27°54	5°34	13° 7	5°46	11°55	11°59	20°54	4°59	12°16	12°33	20°37	n.a.	S 14
S 15	5 22 17	21° 0'54	1♏ 9	29°11	6°43	13° 9	5°49	12° 2	12° 1	20°53	4°57	12°11	12°30	20°44	n.a.	S 15
M16	5 26 14	22° 2'07	15°59	0♐28	7°53	13°10	5°51	12° 9	12° 3	20°53	4°56	12° 4	12°27	20°50	n.a.	M16
T 17	5 30 11	23° 3'20	1♐ 4	1°47	9° 2	13°R11	5°54	12°16	12° 5	20°52	4°55	11°54	12°24	20°57	n.a.	T 17
W18	5 34 7	24° 4'32	16°13	3° 8	10°12	13°11	5°57	12°23	12° 7	20°51	4°53	11°43	12°20	21° 4	n.a.	W18
T 19	5 38 4	25° 5'44	1♑17	4°29	11°22	13°10	6° 0	12°30	12° 9	20°51	4°52	11°31	12°17	21°11	n.a.	T 19
F 20	5 42 0	26° 6'55	16° 5	5°52	12°32	13° 8	6° 3	12°37	12°10	20°50	4°51	11°20	12°14	21°17	n.a.	F 20
S 21	5 45 57	27° 8'06	0♒30	7°15	13°42	13° 6	6° 6	12°44	12°12	20°49	4°49	11°12	12°11	21°24	n.a.	S 21
S 22	5 49 53	28° 9'15	14°26	8°39	14°52	13° 3	6°10	12°51	12°13	20°48	4°48	11° 7	12° 8	21°31	n.a.	S 22
M23	5 53 50	29°10'23	27°53	10° 5	16° 2	12°59	6°14	12°58	12°15	20°47	4°47	11° 4	12° 5	21°38	n.a.	M23
T 24	5 57 47	0♑11'30	10♓52	11°31	17°13	12°54	6°18	13° 5	12°16	20°46	4°45	11°D 4	12° 1	21°44	n.a.	T 24
W25	6 1 43	1°12'36	23°28	12°57	18°23	12°48	6°22	13°12	12°18	20°45	4°44	11° 4	11°58	21°51	n.a.	W25
T 26	6 5 40	2°13'41	5♈44	14°25	19°34	12°42	6°26	13°19	12°19	20°45	4°43	11°R 4	11°55	21°58	n.a.	T 26
F 27	6 9 36	3°14'44	17°46	15°53	20°44	12°35	6°31	13°27	12°21	20°44	4°41	11° 3	11°52	22° 4	n.a.	F 27
S 28	6 13 33	4°15'47	29°40	17°22	21°55	12°27	6°36	13°34	12°22	20°43	4°40	10°59	11°49	22°11	n.a.	S 28
S 29	6 17 29	5°16'48	11♉30	18°52	23° 6	12°18	6°41	13°41	12°23	20°41	4°39	10°53	11°46	22°18	n.a.	S 29
M30	6 21 26	6°17'48	23°21	20°23	24°17	12° 8	6°46	13°48	12°24	20°40	4°37	10°45	11°42	22°25	n.a.	M30
T 31	6 25 22	7♑18'47	5♊15	21♐54	25♏28	11♌58	6♈51	13♑55	12♎25	20♌39	4♋36	10♓34	11♓39	22♉31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21 s40	16n10	3n47	13 s59	2n47	5 s45	2n39	20n15	2n52	0n56	1 s26	23 s36	0 s19	4 s 2	0n37	15n35	0n59	27n16	3n40	6 s22	6 s39	22n13		n.a.
M 2	21 51	20 37	4 22	14 13	2 41	6 10	2 40	20 14	2 54	0 56	1 26	23 36	0 19	4 3	0 37	15 35	0 59	27 16	3 40	6 26	6 41	22 15		n.a.
T 3	22 0	24 15	4 46	14 30	2 35	6 34	2 41	20 13	2 57	0 56	1 25	23 35	0 20	4 4	0 37	15 35	0 59	27 16	3 40	6 32	6 42	22 18		n.a.
W 4	22 10	26 53	4 58	14 49	2 29	6 59	2 41	20 12	2 59	0 57	1 25	23 35	0 20	4 5	0 37	15 36	0 59	27 16	3 40	6 37	6 43	22 20		n.a.
T 5	22 19	28 18	4 56	15 9	2 22	7 23	2 42	20 12	3 1	0 57	1 25	23 34	0 20	4 6	0 37	15 36	0 59	27 16	3 40	6 43	6 44	22 22		n.a.
F 6	22 27	28 22	4 42	15 31	2 14	7 48	2 42	20 12	3 3	0 58	1 24	23 34	0 20	4 7	0 37	15 36	0 59	27 16	3 40	6 49	6 46	22 24		n.a.
S 7	22 35	27 3	4 14	15 53	2 7	8 12	2 42	20 12	3 6	0 58	1 24	23 33	0 20	4 8	0 37	15 36	0 59	27 17	3 41	6 53	6 47	22 26		n.a.
S 8	22 43	24 25	3 33	16 17	1 59	8 36	2 42	20 12	3 8	0 59	1 24	23 33	0 20	4 9	0 37	15 36	0 59	27 17	3 41	6 57	6 48	22 29		n.a.
M 9	22 50	20 36	2 42	16 42	1 51	9 1	2 42	20 12	3 10	0 59	1 23	23 32	0 20	4 9	0 37	15 36	0 59	27 17	3 41	6 59	6 49	22 31		n.a.
T 10	22 57	15 46	1 42	17 6	1 42	9 25	2 42	20 13	3 12	1 0	1 23	23 32	0 20	4 10	0 37	15 37	0 59	27 17	3 41	7 1	6 50	22 33		n.a.
W11	23 3	10 8	0 36	17 32	1 34	9 49	2 41	20 13	3 15	1 1	1 23	23 31	0 20	4 11	0 37	15 37	0 59	27 17	3 41	7 1	6 52	22 35		n.a.
T 12	23 9	3 55	0 s35	17 57	1 26	10 13	2 41	20 14	3 17	1 2	1 22	23 31	0 20	4 12	0 37	15 37	0 59	27 17	3 41	7 1	6 53	22 37		n.a.
F 13	23 14	2 s38	1 45	18 22	1 17	10 37	2 40	20 16	3 19	1 3	1 22	23 30	0 20	4 13	0 37	15 37	0 59	27 17	3 41	7 1	6 54	22 40		n.a.
S 14	23 19	9 14	2 51	18 48	1 9	11 1	2 39	20 17	3 22	1 4	1 22	23 30	0 20	4 13	0 37	15 37	0 59	27 18	3 41	7 2	6 55	22 42		n.a.
S 15	23 24	15 33	3 47	19 13	1 0	11 25	2 39	20 19	3 24	1 5	1 21	23 29	0 20	4 14	0 37	15 38	1 0	27 18	3 41	7 4	6 57	22 44		n.a.
M16	23 28	21 7	4 30	19 37	0 52	11 48	2 38	20 21	3 27	1 7	1 21	23 29	0 20	4 15	0 37	15 38	1 0	27 18	3 42	7 7	6 58	22 46		n.a.
T 17	23 31	25 24	4 55	20 2	0 44	12 12	2 37	20 23	3 29	1 8	1 21	23 28	0 20	4 16	0 37	15 38	1 0	27 18	3 42	7 10	6 59	22 48		n.a.
W18	23 34	27 57	4 59	20 26	0 36	12 35	2 36	20 25	3 31	1 10	1 20	23 27	0 20	4 16	0 37	15 38	1 0	27 18	3 42	7 15	7 0	22 50		n.a.
T 19	23 37	28 25	4 43	20 49	0 28	12 58	2 34	20 27	3 34	1 11	1 20	23 27	0 21	4 17	0 37	15 39	1 0	27 18	3 42	7 19	7 1	22 53		n.a.
F 20	23 39	26 49	4 8	21 12	0 20	13 20	2 33	20 30	3 36	1 13	1 20	23 26	0 21	4 17	0 37	15 39	1 0	27 18	3 42	7 23	7 3	22 55		n.a.
S 21	23 40	23 28	3 17	21 34	0 12	13 43	2 31	20 33	3 38	1 14	1 19	23 26	0 21	4 18	0 37	15 39	1 0	27 19	3 42	7 26	7 4	22 57		n.a.
S 22	23 41	18 51	2 16	21 55	0 4	14 5	2 30	20 36	3 41	1 16	1 19	23 25	0 21	4 19	0 37	15 40	1 0	27 19	3 42	7 29	7 5	22 59		n.a.
M23	23 42	13 25	1 9	22 16	0 s 4	14 27	2 28	20 40	3 43	1 18	1 19	23 24	0 21	4 19	0 37	15 40	1 0	27 19	3 42	7 30	7 6	23 1		n.a.
T 24	23 42	7 35	0 1	22 36	0 11	14 49	2 27	20 43	3 46	1 20	1 18	23 24	0 21	4 20	0 37	15 40	1 0	27 19	3 42	7 30	7 8	23 3		n.a.
W25	23 42	1 37	1n 5	22 54	0 18	15 10	2 25	20 47	3 48	1 22	1 18	23 23	0 21	4 20	0 37	15 41	1 0	27 19	3 42	7 30	7 9	23 5		n.a.
T 26	23 41	4n14	2 7	23 12	0 26	15 31	2 23	20 51	3 50	1 24	1 18	23 23	0 21	4 21	0 37	15 41	1 0	27 19	3 42	7 30	7 10	23 7		n.a.
F 27	23 40	9 51	3 2	23 29	0 33	15 52	2 21	20 56	3 53	1 26	1 17	23 22	0 21	4 21	0 37	15 41	1 0	27 19	3 42	7 30	7 11	23 9		n.a.
S 28	23 38	15 1	3 48	23 45	0 39	16 13	2 19	21 0	3 55	1 28	1 17	23 21	0 21	4 22	0 37	15 42	1 0	27 20	3 43	7 31	7 12	23 12		n.a.
S 29	23 36	19 38	4 24	24 0	0 46	16 33	2 17	21 5	3 57	1 30	1 17	23 21	0 21	4 22	0 37	15 42	1 0	27 20	3 43	7 34	7 14	23 14		n.a.
M30	23 33	23 28	4 49	24 13	0 52	16 52	2 15	21 10	3 59	1 33	1 16	23 20	0 21	4 23	0 38	15 42	1 0	27 20	3 43	7 37	7 15	23 16		n.a.
T 31	23 s30	26n21	5n 1	24 s25	0 s58	17 s12	2n12	21n15	4n 2	1n35	1 s16	23 s19	0 s21	4 s23	0n38	15n43	1n 0	27n20	3n43	7 s41	7 s16	23n18		n.a.

Julian Day Number = 1706416.5, Delta T = 03h02m57s
Ecliptic obliquity = 23°42'08, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°37'49, Lahiri = - 4°30'49 Julian Calendar 1 Dec. 42 BCE == Greg. Calendar 29 Nov. 042 BCE

The year -41 astronomical counting style corresponds to year 042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 41 BCE
geocentric

JANUARY 41 BCE (-40) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 29 19	8♉19'44	17♊16	23♐25	26♏39	11°R47	6♈57	14♉ 2	12♎26	20°R38	4°R35	10°R22	11♓36	22♉38	n.a.	W 1
T 2	6 33 16	9°20'41	29°24	24°58	27°50	11♌35	7° 2	14°10	12°27	20♌37	4♋33	10♓10	11°33	22°45	n.a.	T 2
F 3	6 37 12	10°21'36	11♋42	26°31	29° 1	11°23	7° 8	14°17	12°28	20°36	4°32	9°58	11°30	22°51	n.a.	F 3
S 4	6 41 9	11°22'30	24°10	28° 5	0♐13	11° 9	7°14	14°24	12°29	20°35	4°31	9°49	11°26	22°58	n.a.	S 4
S 5	6 45 5	12°23'23	6♌47	29°40	1°24	10°55	7°20	14°31	12°30	20°34	4°29	9°41	11°23	23° 5	n.a.	S 5
M 6	6 49 2	13°24'14	19°35	1♉15	2°36	10°40	7°26	14°38	12°31	20°32	4°28	9°37	11°20	23°12	n.a.	M 6
T 7	6 52 58	14°25'05	2♍35	2°51	3°47	10°24	7°33	14°46	12°31	20°31	4°27	9°35	11°17	23°18	n.a.	T 7
W 8	6 56 55	15°25'54	15°46	4°28	4°59	10° 8	7°40	14°53	12°32	20°30	4°25	9°D35	11°14	23°25	n.a.	W 8
T 9	7 0 51	16°26'42	29°12	6° 6	6°10	9°51	7°46	15° 0	12°33	20°28	4°24	9°36	11°11	23°32	n.a.	T 9
F 10	7 4 48	17°27'29	12♎53	7°44	7°22	9°34	7°53	15° 7	12°33	20°27	4°23	9°R36	11° 7	23°38	n.a.	F 10
S 11	7 8 45	18°28'15	26°50	9°23	8°34	9°15	8° 0	15°14	12°34	20°26	4°21	9°36	11° 4	23°45	n.a.	S 11
S 12	7 12 41	19°29'00	11♏ 4	11° 3	9°46	8°56	8° 8	15°22	12°34	20°24	4°20	9°34	11° 1	23°52	n.a.	S 12
M13	7 16 38	20°29'44	25°32	12°44	10°58	8°37	8°15	15°29	12°35	20°23	4°19	9°30	10°58	23°59	n.a.	M13
T 14	7 20 34	21°30'27	10♐11	14°25	12°10	8°17	8°23	15°36	12°35	20°22	4°17	9°24	10°55	24° 5	n.a.	T 14
W15	7 24 31	22°31'08	24°55	16° 8	13°22	7°56	8°30	15°43	12°35	20°20	4°16	9°16	10°52	24°12	n.a.	W15
T 16	7 28 27	23°31'48	9♉36	17°51	14°34	7°35	8°38	15°50	12°35	20°19	4°15	9° 9	10°48	24°19	n.a.	T 16
F 17	7 32 24	24°32'26	24° 7	19°35	15°46	7°13	8°46	15°58	12°36	20°17	4°14	9° 2	10°45	24°25	n.a.	F 17
S 18	7 36 21	25°33'03	8♒21	21°20	16°58	6°51	8°55	16° 5	12°36	20°16	4°12	8°56	10°42	24°32	n.a.	S 18
S 19	7 40 17	26°33'38	22°12	23° 6	18°10	6°29	9° 3	16°12	12°R36	20°14	4°11	8°53	10°39	24°39	n.a.	S 19
M20	7 44 14	27°34'11	5♓39	24°53	19°22	6° 6	9°11	16°19	12°36	20°13	4°10	8°D52	10°36	24°46	n.a.	M20
T 21	7 48 10	28°34'43	18°42	26°41	20°35	5°43	9°20	16°26	12°36	20°11	4° 9	8°52	10°32	24°52	n.a.	T 21
W22	7 52 7	29°35'12	1♈21	28°29	21°47	5°20	9°29	16°33	12°35	20°10	4° 7	8°54	10°29	24°59	n.a.	W22
T 23	7 56 3	0♒35'39	13°42	0♒19	22°59	4°57	9°38	16°40	12°35	20° 8	4° 6	8°55	10°26	25° 6	n.a.	T 23
F 24	8 0 0	1°36'05	25°48	2° 9	24°12	4°33	9°47	16°47	12°35	20° 7	4° 5	8°56	10°23	25°12	n.a.	F 24
S 25	8 3 56	2°36'28	7♉45	4° 0	25°24	4° 9	9°56	16°54	12°35	20° 5	4° 4	8°R56	10°20	25°19	n.a.	S 25
S 26	8 7 53	3°36'49	19°37	5°52	26°36	3°45	10° 5	17° 1	12°34	20° 4	4° 3	8°55	10°17	25°26	n.a.	S 26
M27	8 11 49	4°37'09	1♊29	7°44	27°49	3°22	10°14	17° 8	12°34	20° 2	4° 2	8°52	10°13	25°33	n.a.	M27
T 28	8 15 46	5°37'26	13°26	9°38	29° 1	2°58	10°24	17°15	12°34	20° 0	4° 0	8°47	10°10	25°39	n.a.	T 28
W29	8 19 43	6°37'41	25°30	11°31	0♉14	2°34	10°33	17°22	12°33	19°59	3°59	8°42	10° 7	25°46	n.a.	W29
T 30	8 23 39	7°37'54	7♋46	13°26	1°26	2°10	10°43	17°29	12°33	19°57	3°58	8°36	10° 4	25°53	n.a.	T 30
F 31	8 27 36	8♒38'05	20♋15	15♒20	2♉39	1♌47	10♈53	17♉36	12♎32	19♌56	3♋57	8♓31	10♓ 1	26♉ 0	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23 s26	28n 4	5n 0	24 s36	1 s 4	17 s31	2n10	21n20	4n 4	1n38	1 s16	23 s18	0 s21	4 s23	0n38	15n43	1n 0	27n20	3n43	7 s46	7 s17	23n20			n.a.
T 2	23 22	28 28	4 46	24 46	1 10	17 49	2 8	21 26	4 6	1 40	1 16	23 18	0 22	4 24	0 38	15 44	1 0	27 20	3 43	7 50	7 19	23 22			n.a.
F 3	23 18	27 28	4 18	24 55	1 16	18 8	2 5	21 31	4 8	1 43	1 15	23 17	0 22	4 24	0 38	15 44	1 0	27 20	3 43	7 55	7 20	23 24			n.a.
S 4	23 13	25 5	3 38	25 2	1 21	18 25	2 3	21 37	4 10	1 45	1 15	23 16	0 22	4 25	0 38	15 44	1 0	27 20	3 43	7 58	7 21	23 26			n.a.
S 5	23 7	21 27	2 46	25 8	1 26	18 43	2 0	21 43	4 12	1 48	1 15	23 16	0 22	4 25	0 38	15 45	1 0	27 20	3 43	8 1	7 22	23 28			n.a.
M 6	23 1	16 46	1 45	25 12	1 30	19 0	1 57	21 49	4 14	1 51	1 14	23 15	0 22	4 25	0 38	15 45	1 0	27 21	3 43	8 3	7 23	23 30			n.a.
T 7	22 55	11 15	0 37	25 15	1 35	19 16	1 55	21 55	4 16	1 54	1 14	23 14	0 22	4 25	0 38	15 46	1 0	27 21	3 43	8 4	7 25	23 32			n.a.
W 8	22 48	5 10	0 s33	25 17	1 39	19 32	1 52	22 2	4 18	1 57	1 14	23 13	0 22	4 26	0 38	15 46	1 0	27 21	3 43	8 4	7 26	23 34			n.a.
T 9	22 41	1 s15	1 43	25 16	1 43	19 47	1 49	22 8	4 19	2 0	1 13	23 13	0 22	4 26	0 38	15 47	1 0	27 21	3 43	8 3	7 27	23 36			n.a.
F 10	22 33	7 44	2 49	25 15	1 46	20 2	1 46	22 15	4 21	2 3	1 13	23 12	0 22	4 26	0 38	15 47	1 0	27 21	3 43	8 3	7 28	23 38			n.a.
S 11	22 25	13 57	3 46	25 11	1 50	20 17	1 43	22 21	4 23	2 6	1 13	23 11	0 22	4 26	0 38	15 47	1 0	27 21	3 43	8 3	7 30	23 40			n.a.
S 12	22 16	19 35	4 30	25 6	1 52	20 30	1 40	22 28	4 24	2 9	1 13	23 10	0 22	4 26	0 38	15 48	1 1	27 21	3 43	8 4	7 31	23 42			n.a.
M13	22 7	24 10	4 58	25 0	1 55	20 44	1 37	22 35	4 26	2 12	1 12	23 10	0 22	4 26	0 38	15 48	1 1	27 21	3 43	8 6	7 32	23 44			n.a.
T 14	21 58	27 17	5 7	24 51	1 57	20 57	1 34	22 41	4 27	2 15	1 12	23 9	0 22	4 27	0 38	15 49	1 1	27 21	3 44	8 8	7 33	23 46			n.a.
W15	21 48	28 32	4 56	24 41	1 59	21 9	1 31	22 48	4 29	2 19	1 12	23 8	0 22	4 27	0 38	15 49	1 1	27 21	3 44	8 11	7 34	23 48			n.a.
T 16	21 38	27 46	4 25	24 29	2 0	21 20	1 28	22 55	4 30	2 22	1 11	23 7	0 23	4 27	0 38	15 50	1 1	27 21	3 44	8 14	7 36	23 50			n.a.
F 17	21 27	25 6	3 38	24 15	2 1	21 32	1 25	23 2	4 31	2 26	1 11	23 7	0 23	4 27	0 38	15 50	1 1	27 22	3 44	8 16	7 37	23 52			n.a.
S 18	21 16	20 54	2 37	24 0	2 2	21 42	1 22	23 9	4 32	2 29	1 11	23 6	0 23	4 27	0 38	15 51	1 1	27 22	3 44	8 18	7 38	23 54			n.a.
S 19	21 4	15 40	1 29	23 42	2 2	21 52	1 19	23 15	4 33	2 33	1 11	23 5	0 23	4 27	0 38	15 51	1 1	27 22	3 44	8 20	7 39	23 56			n.a.
M20	20 53	9 49	0 17	23 23	2 2	22 1	1 15	23 22	4 34	2 36	1 10	23 4	0 23	4 27	0 38	15 52	1 1	27 22	3 44	8 20	7 41	23 58			n.a.
T 21	20 40	3 42	0n53	23 2	2 1	22 10	1 12	23 29	4 35	2 40	1 10	23 3	0 23	4 27	0 38	15 52	1 1	27 22	3 44	8 20	7 42	24 0			n.a.
W22	20 28	2n22	1 59	22 39	2 0	22 18	1 9	23 35	4 35	2 44	1 10	23 3	0 23	4 27	0 38	15 53	1 1	27 22	3 44	8 19	7 43	24 2			n.a.
T 23	20 15	8 11	2 58	22 14	1 58	22 25	1 6	23 42	4 36	2 47	1 10	23 2	0 23	4 26	0 38	15 53	1 1	27 22	3 44	8 19	7 44	24 3			n.a.
F 24	20 1	13 36	3 48	21 47	1 56	22 32	1 2	23 48	4 36	2 51	1 9	23 1	0 23	4 26	0 38	15 54	1 1	27 22	3 44	8 18	7 45	24 5			n.a.
S 25	19 48	18 26	4 27	21 18	1 53	22 38	0 59	23 54	4 36	2 55	1 9	23 0	0 23	4 26	0 38	15 54	1 1	27 22	3 44	8 18	7 47	24 7			n.a.
S 26	19 33	22 32	4 54	20 47	1 50	22 44	0 56	24 0	4 37	2 59	1 9	22 59	0 23	4 26	0 38	15 55	1 1	27 22	3 44	8 19	7 48	24 9			n.a.
M27	19 19	25 43	5 9	20 14	1 46	22 49	0 52	24 6	4 37	3 3	1 9	22 59	0 23	4 26	0 38	15 56	1 1	27 22	3 44	8 20	7 49	24 11			n.a.
T 28	19 4	27 47	5 10	19 40	1 41	22 53	0 49	24 12	4 37	3 7	1 8	22 58	0 24	4 26	0 38	15 56	1 1	27 22	3 44	8 22	7 50	24 13			n.a.
W29	18 49	28 35	4 58	19 3	1 36	22 56	0 46	24 17	4 37	3 11	1 8	22 57	0 24	4 25	0 38	15 57	1 1	27 22	3 44	8 24	7 51	24 15			n.a.
T 30	18 34	28 0	4 32	18 25	1 30	22 59	0 42	24 22	4 36	3 15	1 8	22 56	0 24	4 25	0 38	15 57	1 1	27 22	3 44	8 26	7 53	24 17			n.a.
F 31	18 s18	26n 0	3n53	17 s45	1 s24	23 s 1	0n39	24n28	4n36	3n19	1 s 8	22 s55	0 s24	4 s25	0n38	15n58	1n 1	27n22	3n44	8 s28	7 s54	24n19			n.a.

Julian Day Number = 1706447.5, Delta T = 03h02m56s
Ecliptic obliquity = 23°42'08, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°37'45, Lahiri = - 4°30'44 Julian Calendar 1 Jan. 41 BCE == Greg. Calendar 30 Dec. 042 BCE

The year -40 astronomical counting style corresponds to year 041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 41 BCE
geocentric

FEBRUARY 41 BCE (-40) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 31 32	9♒38'14	2♌57	17♒15	3♑51	1°R24	11♈ 3	17♑43	12°R31	19°R54	3°R56	8°R26	9♓58	26♉ 6	n.a.	S 1
S 2	8 35 29	10°38'21	15°54	19°10	5° 4	1♌ 1	11°13	17°50	12♎31	19♌52	3♋55	8♓23	9°54	26°13	n.a.	S 2
M 3	8 39 25	11°38'26	29° 4	21° 4	6°17	0°38	11°23	17°57	12°30	19°51	3°54	8°22	9°51	26°20	n.a.	M 3
T 4	8 43 22	12°38'30	12♍27	22°59	7°29	0°16	11°34	18° 4	12°29	19°49	3°53	8°D21	9°48	26°26	n.a.	T 4
W 5	8 47 19	13°38'31	26° 1	24°52	8°42	29♋53	11°44	18°10	12°28	19°47	3°52	8°22	9°45	26°33	n.a.	W 5
T 6	8 51 15	14°38'31	9♎46	26°44	9°55	29°32	11°54	18°17	12°27	19°46	3°51	8°24	9°42	26°40	n.a.	T 6
F 7	8 55 12	15°38'28	23°41	28°35	11° 7	29°11	12° 5	18°24	12°26	19°44	3°50	8°25	9°38	26°47	n.a.	F 7
S 8	8 59 8	16°38'24	7♏43	0♓23	12°20	28°50	12°16	18°31	12°25	19°42	3°49	8°26	9°35	26°53	n.a.	S 8
S 9	9 3 5	17°38'19	21°53	2°10	13°33	28°30	12°27	18°37	12°24	19°41	3°48	8°R26	9°32	27° 0	n.a.	S 9
M10	9 7 1	18°38'12	6♐ 8	3°53	14°46	28°10	12°38	18°44	12°23	19°39	3°47	8°25	9°29	27° 7	n.a.	M10
T 11	9 10 58	19°38'03	20°25	5°33	15°59	27°51	12°49	18°50	12°22	19°37	3°46	8°24	9°26	27°13	n.a.	T 11
W12	9 14 54	20°37'52	4♑41	7°10	17°11	27°32	13° 0	18°57	12°21	19°36	3°45	8°22	9°23	27°20	n.a.	W12
T 13	9 18 51	21°37'40	18°52	8°42	18°24	27°14	13°11	19° 3	12°19	19°34	3°45	8°19	9°19	27°27	n.a.	T 13
F 14	9 22 48	22°37'25	2♒55	10° 9	19°37	26°57	13°22	19°10	12°18	19°32	3°44	8°17	9°16	27°34	n.a.	F 14
S 15	9 26 44	23°37'09	16°44	11°31	20°50	26°40	13°34	19°16	12°17	19°31	3°43	8°16	9°13	27°40	n.a.	S 15
S 16	9 30 41	24°36'50	0♓17	12°47	22° 3	26°24	13°45	19°23	12°15	19°29	3°42	8°15	9°10	27°47	n.a.	S 16
M17	9 34 37	25°36'29	13°32	13°56	23°16	26° 9	13°57	19°29	12°14	19°27	3°41	8°D15	9° 7	27°54	n.a.	M17
T 18	9 38 34	26°36'06	26°28	14°59	24°29	25°54	14° 8	19°35	12°13	19°26	3°41	8°15	9° 4	28° 1	n.a.	T 18
W19	9 42 30	27°35'41	9♈ 6	15°55	25°42	25°41	14°20	19°41	12°11	19°24	3°40	8°16	9° 0	28° 7	n.a.	W19
T 20	9 46 27	28°35'13	21°28	16°44	26°55	25°28	14°32	19°47	12° 9	19°23	3°39	8°17	8°57	28°14	n.a.	T 20
F 21	9 50 23	29°34'43	3♉36	17°25	28° 8	25°15	14°44	19°54	12° 8	19°21	3°39	8°18	8°54	28°21	n.a.	F 21
S 22	9 54 20	0♓34'11	15°35	17°59	29°20	25° 4	14°56	20° 0	12° 6	19°19	3°38	8°19	8°51	28°27	n.a.	S 22
S 23	9 58 16	1°33'37	27°28	18°24	0♒33	24°53	15° 8	20° 6	12° 4	19°18	3°37	8°R19	8°48	28°34	n.a.	S 23
M24	10 2 13	2°33'00	9♊21	18°42	1°46	24°43	15°20	20°12	12° 3	19°16	3°37	8°19	8°44	28°41	n.a.	M24
T 25	10 6 10	3°32'20	21°19	18°52	2°59	24°34	15°32	20°18	12° 1	19°14	3°36	8°19	8°41	28°48	n.a.	T 25
W26	10 10 6	4°31'38	3♋24	18°R54	4°12	24°26	15°45	20°23	11°59	19°13	3°36	8°18	8°38	28°54	n.a.	W26
T 27	10 14 3	5°30'54	15°43	18°48	5°25	24°18	15°57	20°29	11°57	19°11	3°35	8°18	8°35	29° 1	n.a.	T 27
F 28	10 17 59	6°30'08	28°17	18°36	6°38	24°12	16° 9	20°35	11°55	19°10	3°34	8°18	8°32	29° 8	n.a.	F 28
S 29	10 21 56	7♓29'19	11♌10	18♓16	7♒51	24♋ 6	16♈22	20♑41	11♎54	19♌ 8	3♋34	8♓17	8♓29	29♉14	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s 2	22n39	3n 2	17s 3	1s17	23s 3	0n36	24n32	4n36	3n23	1s 7	22s55	0s24	4s25	0n38	15n58	1n 1	27n22	3n44	8s30	7s55	24n20		n.a.
S 2	17 46	18 9	2 0	16 20	1 9	23 4	0 33	24 37	4 35	3 27	1 7	22 54	0 24	4 24	0 38	15 59	1 1	27 23	3 44	8 31	7 56	24 22		n.a.
M 3	17 29	12 43	0 51	15 35	1 1	23 4	0 29	24 42	4 34	3 32	1 7	22 53	0 24	4 24	0 39	15 59	1 1	27 23	3 44	8 31	7 58	24 24		n.a.
T 4	17 12	6 37	0s22	14 50	0 52	23 3	0 26	24 46	4 34	3 36	1 7	22 52	0 24	4 24	0 39	16 0	1 1	27 23	3 44	8 32	7 59	24 26		n.a.
W 5	16 55	0 8	1 36	14 2	0 42	23 2	0 23	24 50	4 33	3 40	1 6	22 51	0 24	4 23	0 39	16 0	1 1	27 23	3 44	8 31	8 0	24 28		n.a.
T 6	16 37	6s25	2 44	13 14	0 32	23 0	0 19	24 54	4 32	3 45	1 6	22 50	0 24	4 23	0 39	16 1	1 1	27 23	3 44	8 31	8 1	24 30		n.a.
F 7	16 19	12 45	3 44	12 26	0 21	22 58	0 16	24 57	4 31	3 49	1 6	22 50	0 24	4 23	0 39	16 1	1 1	27 23	3 44	8 30	8 2	24 31		n.a.
S 8	16 1	18 30	4 31	11 36	0 10	22 54	0 13	25 1	4 29	3 53	1 6	22 49	0 25	4 22	0 39	16 2	1 1	27 23	3 44	8 30	8 4	24 33		n.a.
S 9	15 43	23 17	5 2	10 47	0n 2	22 51	0 10	25 4	4 28	3 58	1 6	22 48	0 25	4 22	0 39	16 3	1 1	27 23	3 44	8 30	8 5	24 35		n.a.
M10	15 24	26 44	5 15	9 58	0 15	22 46	0 7	25 7	4 27	4 2	1 5	22 47	0 25	4 21	0 39	16 3	1 1	27 23	3 44	8 30	8 6	24 37		n.a.
T 11	15 5	28 28	5 8	9 9	0 28	22 41	0 3	25 9	4 25	4 7	1 5	22 46	0 25	4 21	0 39	16 4	1 1	27 23	3 44	8 31	8 7	24 39		n.a.
W12	14 46	28 19	4 42	8 21	0 41	22 35	0 0	25 11	4 24	4 12	1 5	22 45	0 25	4 20	0 39	16 4	1 1	27 23	3 44	8 32	8 8	24 40		n.a.
T 13	14 27	26 19	4 0	7 33	0 54	22 28	0s 3	25 14	4 22	4 16	1 5	22 45	0 25	4 20	0 39	16 5	1 1	27 23	3 44	8 32	8 10	24 42		n.a.
F 14	14 7	22 41	3 3	6 48	1 8	22 21	0 6	25 16	4 21	4 21	1 4	22 44	0 25	4 19	0 39	16 5	1 1	27 23	3 44	8 33	8 11	24 44		n.a.
S 15	13 48	17 50	1 56	6 4	1 22	22 13	0 9	25 17	4 19	4 25	1 4	22 43	0 25	4 19	0 39	16 6	1 1	27 23	3 44	8 34	8 12	24 46		n.a.
S 16	13 28	12 11	0 44	5 22	1 36	22 4	0 12	25 19	4 17	4 30	1 4	22 42	0 25	4 18	0 39	16 6	1 1	27 23	3 44	8 34	8 13	24 47		n.a.
M17	13 7	6 6	0n29	4 43	1 49	21 55	0 15	25 20	4 15	4 35	1 4	22 41	0 25	4 17	0 39	16 7	1 1	27 23	3 44	8 34	8 14	24 49		n.a.
T 18	12 47	0n 6	1 39	4 6	2 2	21 45	0 18	25 21	4 14	4 40	1 4	22 41	0 25	4 17	0 39	16 7	1 1	27 23	3 44	8 34	8 16	24 51		n.a.
W19	12 26	6 8	2 43	3 32	2 15	21 35	0 21	25 22	4 12	4 44	1 3	22 40	0 26	4 16	0 39	16 8	1 1	27 23	3 44	8 34	8 17	24 53		n.a.
T 20	12 6	11 48	3 37	3 2	2 28	21 23	0 24	25 22	4 10	4 49	1 3	22 39	0 26	4 16	0 39	16 8	1 1	27 23	3 44	8 33	8 18	24 54		n.a.
F 21	11 45	16 56	4 21	2 35	2 39	21 12	0 26	25 22	4 8	4 54	1 3	22 38	0 26	4 15	0 39	16 9	1 1	27 23	3 44	8 33	8 19	24 56		n.a.
S 22	11 24	21 20	4 52	2 12	2 50	20 59	0 29	25 23	4 6	4 59	1 3	22 37	0 26	4 14	0 39	16 9	1 1	27 23	3 44	8 33	8 20	24 58		n.a.
S 23	11 2	24 51	5 11	1 52	3 0	20 46	0 32	25 22	4 3	5 4	1 3	22 36	0 26	4 14	0 39	16 10	1 1	27 23	3 44	8 32	8 22	24 59		n.a.
M24	10 41	27 19	5 17	1 37	3 10	20 33	0 35	25 22	4 1	5 9	1 2	22 36	0 26	4 13	0 39	16 11	1 1	27 23	3 44	8 33	8 23	25 1		n.a.
T 25	10 19	28 33	5 9	1 26	3 17	20 18	0 37	25 22	3 59	5 13	1 2	22 35	0 26	4 12	0 39	16 11	1 1	27 23	3 44	8 33	8 24	25 3		n.a.
W26	9 57	28 26	4 47	1 19	3 24	20 4	0 40	25 21	3 57	5 18	1 2	22 34	0 26	4 11	0 39	16 12	1 1	27 23	3 44	8 33	8 25	25 5		n.a.
T 27	9 35	26 56	4 12	1 16	3 29	19 48	0 42	25 20	3 55	5 23	1 2	22 33	0 26	4 11	0 39	16 12	1 1	27 23	3 44	8 33	8 26	25 6		n.a.
F 28	9 13	24 3	3 24	1 18	3 33	19 32	0 45	25 19	3 52	5 28	1 2	22 33	0 27	4 10	0 39	16 13	1 1	27 23	3 44	8 33	8 28	25 8		n.a.
S 29	8s51	19n56	2n25	1s23	3n35	19s16	0s47	25n18	3n50	5n33	1s 2	22s32	0s27	4s 9	0n39	16n13	1n 1	27n23	3n44	8s33	8s29	25n10		n.a.

Julian Day Number = 1706478.5, Delta T = 03h02m55s
Ecliptic obliquity = 23°42'08, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°37'41, Lahiri = - 4°30'40 Julian Calendar 1 Feb. 41 BCE == Greg. Calendar 30 Jan. 041 BCE

The year -40 astronomical counting style corresponds to year 041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 41 BCE
geocentric

MARCH 41 BCE (-40) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 25 52	8♓28'28	24♌22	17°R50	9♒ 4	24°R 1	16♈34	20♉46	11°R52	19°R 6	3°R34	8°D17	8♓25	29♉21	n.a.	S 1
M 2	10 29 49	9°27'34	7♍53	17♓19	10°17	23♋56	16°47	20°52	11♎50	19♌ 5	3♋33	8°R17	8°22	29°28	n.a.	M 2
T 3	10 33 45	10°26'39	21°41	16°42	11°30	23°53	17° 0	20°58	11°48	19° 3	3°33	8♓17	8°19	29°35	n.a.	T 3
W 4	10 37 42	11°25'41	5♎44	16° 2	12°43	23°50	17°12	21° 3	11°46	19° 2	3°32	8°17	8°16	29°41	n.a.	W 4
T 5	10 41 39	12°24'41	19°57	15°18	13°56	23°48	17°25	21° 8	11°43	19° 0	3°32	8°17	8°13	29°48	n.a.	T 5
F 6	10 45 35	13°23'40	4♏16	14°31	15°10	23°46	17°38	21°14	11°41	18°59	3°32	8°16	8° 9	29°55	n.a.	F 6
S 7	10 49 32	14°22'37	18°37	13°44	16°23	23°D46	17°51	21°19	11°39	18°57	3°31	8°16	8° 6	0♊ 1	n.a.	S 7
S 8	10 53 28	15°21'31	2♐56	12°56	17°36	23°46	18° 4	21°24	11°37	18°56	3°31	8°15	8° 3	0° 8	n.a.	S 8
M 9	10 57 25	16°20'25	17°10	12° 8	18°49	23°47	18°17	21°29	11°35	18°54	3°31	8°D15	8° 0	0°15	n.a.	M 9
T 10	11 1 21	17°19'16	1♑17	11°22	20° 2	23°49	18°30	21°34	11°33	18°53	3°30	8°15	7°57	0°22	n.a.	T 10
W11	11 5 18	18°18'05	15°13	10°37	21°15	23°51	18°43	21°40	11°30	18°52	3°30	8°16	7°54	0°28	n.a.	W11
T 12	11 9 14	19°16'53	29° 0	9°56	22°28	23°54	18°56	21°44	11°28	18°50	3°30	8°17	7°50	0°35	n.a.	T 12
F 13	11 13 11	20°15'39	12♒34	9°18	23°41	23°58	19° 9	21°49	11°26	18°49	3°30	8°18	7°47	0°42	n.a.	F 13
S 14	11 17 8	21°14'23	25°56	8°45	24°54	24° 2	19°23	21°54	11°24	18°48	3°30	8°19	7°44	0°49	n.a.	S 14
S 15	11 21 4	22°13'05	9♓ 5	8°15	26° 7	24° 7	19°36	21°59	11°21	18°46	3°30	8°R19	7°41	0°55	n.a.	S 15
M16	11 25 1	23°11'45	22° 0	7°51	27°21	24°13	19°49	22° 4	11°19	18°45	3°30	8°18	7°38	1° 2	n.a.	M16
T 17	11 28 57	24°10'22	4♈42	7°31	28°34	24°19	20° 3	22° 8	11°16	18°44	3°29	8°17	7°35	1° 9	n.a.	T 17
W18	11 32 54	25° 8'58	17°10	7°17	29°47	24°26	20°16	22°13	11°14	18°42	3°29	8°15	7°31	1°15	n.a.	W18
T 19	11 36 50	26° 7'32	29°26	7° 7	1♓ 0	24°34	20°30	22°17	11°12	18°41	3°D29	8°13	7°28	1°22	n.a.	T 19
F 20	11 40 47	27° 6'03	11♉32	7°D 3	2°13	24°43	20°43	22°22	11° 9	18°40	3°29	8°10	7°25	1°29	n.a.	F 20
S 21	11 44 43	28° 4'33	23°30	7° 4	3°26	24°52	20°57	22°26	11° 7	18°39	3°29	8° 7	7°22	1°36	n.a.	S 21
S 22	11 48 40	29° 3'00	5♊24	7°10	4°39	25° 1	21°10	22°30	11° 4	18°37	3°30	8° 4	7°19	1°42	n.a.	S 22
M23	11 52 36	0♈ 1'25	17°16	7°21	5°53	25°11	21°24	22°34	11° 2	18°36	3°30	8° 3	7°15	1°49	n.a.	M23
T 24	11 56 33	0°59'48	29°13	7°37	7° 6	25°22	21°38	22°38	10°59	18°35	3°30	8°D 2	7°12	1°56	n.a.	T 24
W25	12 0 30	1°58'09	11♋17	7°58	8°19	25°33	21°51	22°42	10°57	18°34	3°30	8° 2	7° 9	2° 3	n.a.	W25
T 26	12 4 26	2°56'27	23°34	8°23	9°32	25°45	22° 5	22°46	10°54	18°33	3°30	8° 3	7° 6	2° 9	n.a.	T 26
F 27	12 8 23	3°54'44	6♌ 9	8°52	10°45	25°58	22°19	22°50	10°52	18°32	3°30	8° 5	7° 3	2°16	n.a.	F 27
S 28	12 12 19	4°52'58	19° 4	9°26	11°58	26°11	22°32	22°54	10°49	18°31	3°31	8° 7	7° 0	2°23	n.a.	S 28
S 29	12 16 16	5°51'10	2♍24	10° 3	13°12	26°24	22°46	22°57	10°47	18°30	3°31	8°R 8	6°56	2°29	n.a.	S 29
M30	12 20 12	6°49'20	16° 7	10°44	14°25	26°38	23° 0	23° 1	10°44	18°29	3°31	8° 7	6°53	2°36	n.a.	M30
T 31	12 24 9	7♈47'28	0♎14	11♓29	15♓38	26♋52	23♈14	23♉ 5	10♎42	18♌28	3♋31	8♓ 6	6♓50	2♊43	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	8s29	14n45	1n16	1s33	3n36	18s59	0s50	25n17	3n48	5n38	1s 1	22s31	0s27	4s 8	0n39	16n14	1n 1	27n23	3n44	8s33	8s30	25n11			n.a.
M 2	8 6	8 44	0 2	1 47	3 35	18 41	0 52	25 15	3 46	5 43	1 1	22 30	0 27	4 8	0 39	16 14	1 1	27 23	3 44	8 33	8 31	25 13			n.a.
T 3	7 44	2 12	1s14	2 4	3 32	18 23	0 54	25 14	3 43	5 48	1 1	22 30	0 27	4 7	0 39	16 15	1 1	27 23	3 44	8 33	8 32	25 15			n.a.
W 4	7 21	4s32	2 26	2 24	3 27	18 5	0 56	25 12	3 41	5 54	1 1	22 29	0 27	4 6	0 39	16 15	1 1	27 23	3 44	8 33	8 34	25 16			n.a.
T 5	6 59	11 8	3 31	2 47	3 21	17 45	0 59	25 10	3 39	5 59	1 1	22 28	0 27	4 5	0 39	16 15	1 1	27 23	3 44	8 33	8 35	25 18			n.a.
F 6	6 36	17 12	4 23	3 12	3 13	17 26	1 1	25 8	3 36	6 4	1 1	22 27	0 27	4 4	0 39	16 16	1 1	27 23	3 44	8 34	8 36	25 19			n.a.
S 7	6 13	22 19	4 58	3 39	3 3	17 6	1 3	25 6	3 34	6 9	1 0	22 27	0 27	4 3	0 39	16 16	1 1	27 23	3 44	8 34	8 37	25 21			n.a.
S 8	5 50	26 7	5 15	4 8	2 52	16 45	1 5	25 4	3 32	6 14	1 0	22 26	0 28	4 3	0 39	16 17	1 1	27 23	3 44	8 34	8 38	25 23			n.a.
M 9	5 27	28 16	5 13	4 37	2 40	16 24	1 7	25 1	3 29	6 19	1 0	22 25	0 28	4 2	0 39	16 17	1 1	27 23	3 44	8 34	8 40	25 24			n.a.
T 10	5 4	28 33	4 51	5 7	2 27	16 3	1 8	24 59	3 27	6 24	1 0	22 24	0 28	4 1	0 39	16 18	1 1	27 23	3 44	8 34	8 41	25 26			n.a.
W11	4 41	27 1	4 13	5 37	2 12	15 41	1 10	24 56	3 25	6 29	1 0	22 24	0 28	4 0	0 39	16 18	1 1	27 23	3 44	8 34	8 42	25 27			n.a.
T 12	4 17	23 51	3 21	6 7	1 58	15 18	1 12	24 53	3 22	6 35	1 0	22 23	0 28	3 59	0 39	16 19	1 1	27 23	3 44	8 33	8 43	25 29			n.a.
F 13	3 54	19 25	2 18	6 36	1 42	14 56	1 14	24 50	3 20	6 40	1 0	22 22	0 28	3 58	0 39	16 19	1 1	27 23	3 44	8 33	8 44	25 31			n.a.
S 14	3 31	14 5	1 8	7 3	1 26	14 32	1 15	24 47	3 18	6 45	0 59	22 22	0 28	3 57	0 39	16 19	1 1	27 23	3 44	8 33	8 46	25 32			n.a.
S 15	3 7	8 11	0n 4	7 29	1 10	14 9	1 17	24 44	3 16	6 50	0 59	22 21	0 28	3 56	0 39	16 20	1 1	27 23	3 44	8 33	8 47	25 34			n.a.
M16	2 44	2 4	1 15	7 53	0 54	13 45	1 18	24 41	3 13	6 55	0 59	22 20	0 28	3 55	0 39	16 20	1 1	27 23	3 44	8 33	8 48	25 35			n.a.
T 17	2 20	4n 2	2 21	8 15	0 38	13 21	1 20	24 37	3 11	7 1	0 59	22 20	0 29	3 54	0 39	16 21	1 1	27 23	3 43	8 33	8 49	25 37			n.a.
W18	1 57	9 52	3 18	8 35	0 23	12 56	1 21	24 34	3 9	7 6	0 59	22 19	0 29	3 53	0 39	16 21	1 1	27 23	3 43	8 34	8 50	25 38			n.a.
T 19	1 33	15 13	4 6	8 53	0 7	12 31	1 22	24 30	3 7	7 11	0 59	22 19	0 29	3 53	0 39	16 21	1 1	27 23	3 43	8 35	8 52	25 40			n.a.
F 20	1 10	19 55	4 41	9 8	0s 8	12 6	1 23	24 26	3 4	7 16	0 59	22 18	0 29	3 52	0 39	16 22	1 1	27 23	3 43	8 36	8 53	25 41			n.a.
S 21	0 46	23 45	5 4	9 21	0 22	11 40	1 24	24 22	3 2	7 22	0 58	22 17	0 29	3 51	0 39	16 22	1 1	27 23	3 43	8 37	8 54	25 43			n.a.
S 22	0 23	26 35	5 14	9 32	0 36	11 14	1 26	24 19	3 0	7 27	0 58	22 17	0 29	3 50	0 39	16 23	1 1	27 23	3 43	8 38	8 55	25 44			n.a.
M23	0n 1	28 14	5 10	9 40	0 49	10 48	1 26	24 14	2 58	7 32	0 58	22 16	0 29	3 49	0 39	16 23	1 1	27 23	3 43	8 39	8 56	25 46			n.a.
T 24	0 24	28 35	4 53	9 46	1 2	10 21	1 27	24 10	2 56	7 37	0 58	22 16	0 29	3 48	0 39	16 23	1 1	27 23	3 43	8 39	8 58	25 47			n.a.
W25	0 47	27 35	4 23	9 49	1 14	9 54	1 28	24 6	2 53	7 43	0 58	22 15	0 30	3 47	0 39	16 24	1 1	27 23	3 43	8 39	8 59	25 49			n.a.
T 26	1 11	25 14	3 41	9 50	1 25	9 27	1 29	24 2	2 51	7 48	0 58	22 15	0 30	3 46	0 39	16 24	1 1	27 22	3 43	8 38	9 0	25 50			n.a.
F 27	1 34	21 38	2 47	9 49	1 36	9 0	1 30	23 57	2 49	7 53	0 58	22 14	0 30	3 45	0 39	16 24	1 1	27 22	3 43	8 38	9 1	25 52			n.a.
S 28	1 58	16 53	1 43	9 45	1 46	8 32	1 30	23 53	2 47	7 58	0 58	22 14	0 30	3 44	0 39	16 25	1 1	27 22	3 43	8 37	9 2	25 53			n.a.
S 29	2 21	11 13	0 31	9 39	1 55	8 4	1 31	23 48	2 45	8 4	0 58	22 13	0 30	3 43	0 39	16 25	1 1	27 22	3 43	8 37	9 4	25 55			n.a.
M30	2 44	4 52	0s44	9 32	2 4	7 36	1 31	23 43	2 43	8 9	0 57	22 13	0 30	3 42	0 39	16 25	1 1	27 22	3 43	8 37	9 5	25 56			n.a.
T 31	3n 7	1s54	1s58	9s21	2s12	7s 8	1s32	23n38	2n41	8n14	0s57	22s12	0s30	3s41	0n39	16n26	1n 1	27n22	3n43	8s37	9s 6	25n58			n.a.

Julian Day Number = 1706507.5, Delta T = 03h02m54s
Ecliptic obliquity = 23°42'09, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°37'37, Lahiri = - 4°30'36 Julian Calendar 1 March 41 BCE == Greg. Calendar 28 Feb. 041 BCE

The year -40 astronomical counting style corresponds to year 041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 41 BCE
geocentric

APRIL 41 BCE (-40) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 28 5	8♈45'34	14♎41	12♓17	16♓51	27♋ 7	23♈28	23♑ 8	10°R39	18°R27	3♋32	8°R 3	6♓47	2♊50	n.a.	W 1
T 2	12 32 2	9°43'39	29°21	13° 9	18° 4	27°23	23°42	23°11	10♎37	18♌26	3°32	7♓59	6°44	2°56	n.a.	T 2
F 3	12 35 59	10°41'42	14♏ 9	14° 4	19°17	27°39	23°56	23°14	10°34	18°25	3°32	7°54	6°41	3° 3	n.a.	F 3
S 4	12 39 55	11°39'43	28°55	15° 2	20°31	27°55	24° 9	23°18	10°32	18°24	3°33	7°50	6°37	3°10	n.a.	S 4
S 5	12 43 52	12°37'43	13♐33	16° 3	21°44	28°12	24°23	23°21	10°29	18°23	3°33	7°46	6°34	3°16	n.a.	S 5
M 6	12 47 48	13°35'41	27°58	17° 7	22°57	28°29	24°37	23°24	10°27	18°22	3°34	7°44	6°31	3°23	n.a.	M 6
T 7	12 51 45	14°33'39	12♑ 6	18°14	24°10	28°47	24°51	23°27	10°24	18°22	3°34	7°D43	6°28	3°30	n.a.	T 7
W 8	12 55 41	15°31'34	25°55	19°23	25°23	29° 5	25° 5	23°29	10°21	18°21	3°35	7°43	6°25	3°37	n.a.	W 8
T 9	12 59 38	16°29'29	9♒27	20°35	26°37	29°23	25°19	23°32	10°19	18°20	3°35	7°44	6°21	3°43	n.a.	T 9
F 10	13 3 34	17°27'22	22°42	21°49	27°50	29°42	25°33	23°35	10°16	18°20	3°36	7°46	6°18	3°50	n.a.	F 10
S 11	13 7 31	18°25'13	5♓42	23° 6	29° 3	0♌ 2	25°47	23°37	10°14	18°19	3°36	7°R46	6°15	3°57	n.a.	S 11
S 12	13 11 28	19°23'03	18°29	24°25	0♈16	0°21	26° 1	23°40	10°11	18°18	3°37	7°46	6°12	4° 4	n.a.	S 12
M13	13 15 24	20°20'52	1♈ 5	25°47	1°29	0°41	26°15	23°42	10° 9	18°18	3°38	7°43	6° 9	4°10	n.a.	M13
T 14	13 19 21	21°18'39	13°30	27°11	2°43	1° 2	26°30	23°44	10° 6	18°17	3°38	7°39	6° 6	4°17	n.a.	T 14
W15	13 23 17	22°16'25	25°45	28°37	3°56	1°23	26°44	23°47	10° 4	18°17	3°39	7°32	6° 2	4°24	n.a.	W15
T 16	13 27 14	23°14'09	7♉53	0♈ 6	5° 9	1°44	26°58	23°49	10° 1	18°16	3°40	7°24	5°59	4°30	n.a.	T 16
F 17	13 31 10	24°11'52	19°54	1°36	6°22	2° 6	27°12	23°51	9°59	18°16	3°40	7°16	5°56	4°37	n.a.	F 17
S 18	13 35 7	25° 9'34	1♊49	3° 9	7°36	2°28	27°26	23°52	9°57	18°15	3°41	7° 7	5°53	4°44	n.a.	S 18
S 19	13 39 3	26° 7'14	13°41	4°45	8°49	2°50	27°40	23°54	9°54	18°15	3°42	6°59	5°50	4°51	n.a.	S 19
M20	13 43 0	27° 4'52	25°32	6°22	10° 2	3°12	27°54	23°56	9°52	18°14	3°43	6°53	5°47	4°57	n.a.	M20
T 21	13 46 57	28° 2'29	7♋27	8° 1	11°15	3°35	28° 8	23°57	9°49	18°14	3°43	6°48	5°43	5° 4	n.a.	T 21
W22	13 50 53	29° 0'04	19°29	9°43	12°29	3°59	28°22	23°59	9°47	18°14	3°44	6°46	5°40	5°11	n.a.	W22
T 23	13 54 50	29°57'37	1♌44	11°27	13°42	4°22	28°36	24° 0	9°45	18°13	3°45	6°D46	5°37	5°18	n.a.	T 23
F 24	13 58 46	0♉55'09	14°15	13°13	14°55	4°46	28°50	24° 2	9°42	18°13	3°46	6°46	5°34	5°24	n.a.	F 24
S 25	14 2 43	1°52'40	27° 7	15° 1	16° 8	5°10	29° 4	24° 3	9°40	18°13	3°47	6°47	5°31	5°31	n.a.	S 25
S 26	14 6 39	2°50'09	10♍25	16°51	17°22	5°35	29°18	24° 4	9°38	18°13	3°48	6°R47	5°27	5°38	n.a.	S 26
M27	14 10 36	3°47'36	24°11	18°44	18°35	5°59	29°32	24° 5	9°36	18°12	3°49	6°46	5°24	5°44	n.a.	M27
T 28	14 14 32	4°45'02	8♎26	20°38	19°48	6°25	29°46	24° 6	9°33	18°12	3°50	6°43	5°21	5°51	n.a.	T 28
W29	14 18 29	5°42'27	23° 5	22°35	21° 2	6°50	0♉ 0	24° 7	9°31	18°12	3°51	6°37	5°18	5°58	n.a.	W29
T 30	14 22 25	6♉39'51	8♏ 3	24♈34	22♈15	7♌15	0♉14	24♑ 7	9♎29	18♌12	3♋52	6♓29	5♓15	6♊ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3n31	8s42	3s 6	9s 9	2s19	6s40	1s32	23n33	2n39	8n20	0s57	22s12	0s30	3s40	0n39	16n26	1n 1	27n22	3n43	8s38	9s 7	25n59		n.a.
T 2	3 54	15 9	4 4	8 55	2 25	6 11	1 32	23 28	2 37	8 25	0 57	22 11	0 31	3 39	0 39	16 26	1 1	27 22	3 43	8 40	9 8	26 0		n.a.
F 3	4 17	20 47	4 45	8 39	2 31	5 42	1 33	23 23	2 35	8 30	0 57	22 11	0 31	3 38	0 39	16 26	1 1	27 22	3 43	8 42	9 9	26 2		n.a.
S 4	4 40	25 8	5 8	8 21	2 36	5 13	1 33	23 18	2 33	8 35	0 57	22 10	0 31	3 37	0 39	16 27	1 1	27 22	3 43	8 43	9 11	26 3		n.a.
S 5	5 3	27 48	5 10	8 1	2 40	4 44	1 33	23 13	2 31	8 41	0 57	22 10	0 31	3 36	0 39	16 27	1 1	27 22	3 43	8 45	9 12	26 5		n.a.
M 6	5 25	28 33	4 52	7 39	2 44	4 15	1 33	23 7	2 29	8 46	0 57	22 10	0 31	3 35	0 39	16 27	1 1	27 22	3 43	8 46	9 13	26 6		n.a.
T 7	5 48	27 25	4 17	7 15	2 46	3 46	1 33	23 2	2 27	8 51	0 57	22 9	0 31	3 34	0 39	16 27	1 1	27 22	3 43	8 46	9 14	26 7		n.a.
W 8	6 11	24 36	3 28	6 50	2 49	3 16	1 33	22 56	2 25	8 56	0 57	22 9	0 31	3 33	0 39	16 28	1 1	27 22	3 43	8 46	9 15	26 9		n.a.
T 9	6 33	20 27	2 28	6 23	2 50	2 46	1 33	22 50	2 23	9 2	0 56	22 9	0 31	3 32	0 39	16 28	1 1	27 22	3 43	8 46	9 17	26 10		n.a.
F 10	6 56	15 22	1 21	5 54	2 51	2 17	1 32	22 44	2 21	9 7	0 56	22 8	0 32	3 31	0 39	16 28	1 1	27 22	3 43	8 45	9 18	26 12		n.a.
S 11	7 18	9 42	0 11	5 23	2 52	1 47	1 32	22 38	2 19	9 12	0 56	22 8	0 32	3 30	0 39	16 28	1 1	27 22	3 43	8 45	9 19	26 13		n.a.
S 12	7 40	3 43	0n58	4 51	2 52	1 17	1 32	22 32	2 18	9 17	0 56	22 8	0 32	3 29	0 39	16 28	1 1	27 22	3 43	8 45	9 20	26 14		n.a.
M13	8 2	2n18	2 3	4 18	2 51	0 47	1 31	22 26	2 16	9 22	0 56	22 7	0 32	3 28	0 39	16 28	1 1	27 22	3 43	8 46	9 21	26 16		n.a.
T 14	8 24	8 9	3 1	3 43	2 49	0 18	1 31	22 20	2 14	9 28	0 56	22 7	0 32	3 27	0 39	16 29	1 1	27 22	3 43	8 48	9 23	26 17		n.a.
W15	8 46	13 37	3 50	3 6	2 47	0n12	1 30	22 13	2 12	9 33	0 56	22 7	0 32	3 26	0 39	16 29	1 1	27 22	3 43	8 50	9 24	26 18		n.a.
T 16	9 8	18 30	4 27	2 28	2 44	0 42	1 29	22 7	2 10	9 38	0 56	22 7	0 32	3 25	0 39	16 29	1 1	27 22	3 43	8 53	9 25	26 20		n.a.
F 17	9 29	22 36	4 53	1 49	2 41	1 12	1 29	22 0	2 9	9 43	0 56	22 6	0 33	3 24	0 39	16 29	1 1	27 22	3 43	8 56	9 26	26 21		n.a.
S 18	9 50	25 44	5 5	1 8	2 37	1 42	1 28	21 53	2 7	9 48	0 56	22 6	0 33	3 23	0 39	16 29	1 1	27 22	3 43	9 0	9 27	26 22		n.a.
S 19	10 12	27 44	5 5	0 26	2 33	2 12	1 27	21 46	2 5	9 54	0 56	22 6	0 33	3 22	0 39	16 29	1 1	27 22	3 43	9 3	9 28	26 23		n.a.
M20	10 33	28 28	4 51	0n18	2 28	2 42	1 26	21 39	2 3	9 59	0 56	22 6	0 33	3 21	0 39	16 29	1 1	27 21	3 43	9 5	9 30	26 25		n.a.
T 21	10 54	27 53	4 24	1 2	2 22	3 12	1 25	21 32	2 2	10 4	0 55	22 6	0 33	3 20	0 39	16 29	1 1	27 21	3 43	9 7	9 31	26 26		n.a.
W22	11 14	26 0	3 46	1 48	2 16	3 42	1 24	21 25	2 0	10 9	0 55	22 6	0 33	3 19	0 39	16 30	1 1	27 21	3 43	9 7	9 32	26 27		n.a.
T 23	11 35	22 52	2 57	2 35	2 10	4 11	1 23	21 18	1 58	10 14	0 55	22 5	0 33	3 18	0 39	16 30	1 1	27 21	3 43	9 8	9 33	26 29		n.a.
F 24	11 55	18 37	1 58	3 24	2 3	4 41	1 22	21 10	1 57	10 19	0 55	22 5	0 34	3 17	0 39	16 30	1 1	27 21	3 43	9 7	9 34	26 30		n.a.
S 25	12 15	13 25	0 52	4 13	1 55	5 11	1 21	21 3	1 55	10 24	0 55	22 5	0 34	3 17	0 39	16 30	1 1	27 21	3 43	9 7	9 36	26 31		n.a.
S 26	12 35	7 26	0s19	5 3	1 47	5 40	1 19	20 55	1 54	10 29	0 55	22 5	0 34	3 16	0 39	16 30	1 0	27 21	3 42	9 7	9 37	26 32		n.a.
M27	12 55	0 56	1 32	5 54	1 39	6 10	1 18	20 47	1 52	10 34	0 55	22 5	0 34	3 15	0 39	16 30	1 0	27 21	3 42	9 7	9 38	26 34		n.a.
T 28	13 15	5s50	2 41	6 46	1 30	6 39	1 17	20 39	1 50	10 39	0 55	22 5	0 34	3 14	0 39	16 30	1 0	27 21	3 42	9 9	9 39	26 35		n.a.
W29	13 34	12 29	3 41	7 38	1 20	7 8	1 15	20 31	1 49	10 44	0 55	22 5	0 34	3 13	0 39	16 30	1 0	27 21	3 42	9 11	9 40	26 36		n.a.
T 30	13n53	18s33	4s27	8n31	1s11	7n37	1s14	20n23	1n47	10n49	0s55	22s 5	0s34	3s12	0n39	16n30	1n 0	27n21	3n42	9s14	9s41	26n37		n.a.

Julian Day Number = 1706538.5, Delta T = 03h02m53s
Ecliptic obliquity = 23°42'09, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°37'32, Lahiri = - 4°30'32 Julian Calendar 1 Apr. 41 BCE == Greg. Calendar 30 March 041 BCE

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ASTRODIENST EPHEMERIS for the year 41 BCE
geocentric

MAY 41 BCE (-40) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 26 22	7♉37'14	23♏12	26♈34	23♈28	7♌41	0♉28	24♑ 8	9°R27	18°R12	3♋53	6°R20	5♓12	6♊11	n.a.	F 1
S 2	14 30 19	8°34'36	8♐21	28°37	24°41	8° 7	0°42	24° 9	9♎25	18°D12	3°54	6♓12	5° 8	6°18	n.a.	S 2
S 3	14 34 15	9°31'57	23°20	0♉41	25°55	8°34	0°56	24° 9	9°23	18♌12	3°55	6° 4	5° 5	6°25	n.a.	S 3
M 4	14 38 12	10°29'17	8♑ 1	2°47	27° 8	9° 0	1°10	24° 9	9°21	18°12	3°56	5°58	5° 2	6°31	n.a.	M 4
T 5	14 42 8	11°26'37	22°19	4°54	28°21	9°27	1°24	24°10	9°19	18°12	3°57	5°54	4°59	6°38	n.a.	T 5
W 6	14 46 5	12°23'56	6♒11	7° 3	29°35	9°54	1°38	24°10	9°17	18°12	3°58	5°53	4°56	6°45	n.a.	W 6
T 7	14 50 1	13°21'14	19°40	9°13	0♉48	10°22	1°52	24°R10	9°15	18°13	3°59	5°D53	4°52	6°52	n.a.	T 7
F 8	14 53 58	14°18'32	2♓47	11°24	2° 1	10°49	2° 6	24°10	9°13	18°13	4° 1	5°R53	4°49	6°58	n.a.	F 8
S 9	14 57 55	15°15'49	15°35	13°35	3°15	11°17	2°20	24°10	9°11	18°13	4° 2	5°53	4°46	7° 5	n.a.	S 9
S 10	15 1 51	16°13'05	28° 8	15°47	4°28	11°45	2°34	24° 9	9° 9	18°13	4° 3	5°51	4°43	7°12	n.a.	S 10
M11	15 5 48	17°10'21	10♈28	17°59	5°41	12°13	2°48	24° 9	9° 7	18°14	4° 4	5°46	4°40	7°19	n.a.	M11
T 12	15 9 44	18° 7'37	22°40	20°10	6°55	12°42	3° 1	24° 8	9° 5	18°14	4° 5	5°39	4°37	7°25	n.a.	T 12
W13	15 13 41	19° 4'52	4♉45	22°22	8° 8	13°11	3°15	24° 8	9° 4	18°14	4° 7	5°29	4°33	7°32	n.a.	W13
T 14	15 17 37	20° 2'06	16°44	24°32	9°22	13°39	3°29	24° 7	9° 2	18°15	4° 8	5°17	4°30	7°39	n.a.	T 14
F 15	15 21 34	20°59'20	28°39	26°42	10°35	14° 9	3°43	24° 7	9° 0	18°15	4° 9	5° 4	4°27	7°45	n.a.	F 15
S 16	15 25 30	21°56'33	10♊31	28°50	11°49	14°38	3°56	24° 6	8°58	18°15	4°10	4°51	4°24	7°52	n.a.	S 16
S 17	15 29 27	22°53'45	22°23	0♊57	13° 2	15° 8	4°10	24° 5	8°57	18°16	4°12	4°38	4°21	7°59	n.a.	S 17
M18	15 33 24	23°50'57	4♋15	3° 2	14°15	15°37	4°24	24° 4	8°55	18°16	4°13	4°28	4°18	8° 6	n.a.	M18
T 19	15 37 20	24°48'09	16°11	5° 6	15°29	16° 7	4°37	24° 3	8°54	18°17	4°14	4°20	4°14	8°12	n.a.	T 19
W20	15 41 17	25°45'19	28°13	7° 8	16°42	16°37	4°51	24° 1	8°52	18°18	4°16	4°15	4°11	8°19	n.a.	W20
T 21	15 45 13	26°42'29	10♌26	9° 8	17°56	17° 8	5° 4	24° 0	8°51	18°18	4°17	4°13	4° 8	8°26	n.a.	T 21
F 22	15 49 10	27°39'38	22°55	11° 6	19° 9	17°38	5°18	23°59	8°50	18°19	4°19	4°12	4° 5	8°33	n.a.	F 22
S 23	15 53 6	28°36'46	5♍43	13° 2	20°23	18° 9	5°31	23°57	8°48	18°20	4°20	4°12	4° 2	8°39	n.a.	S 23
S 24	15 57 3	29°33'54	18°56	14°56	21°36	18°40	5°45	23°55	8°47	18°20	4°21	4°11	3°58	8°46	n.a.	S 24
M25	16 0 59	0♊31'01	2♎37	16°47	22°50	19°11	5°58	23°54	8°46	18°21	4°23	4° 9	3°55	8°53	n.a.	M25
T 26	16 4 56	1°28'08	16°47	18°37	24° 3	19°42	6°11	23°52	8°44	18°22	4°24	4° 5	3°52	8°59	n.a.	T 26
W27	16 8 53	2°25'14	1♏26	20°24	25°17	20°14	6°25	23°50	8°43	18°23	4°26	3°58	3°49	9° 6	n.a.	W27
T 28	16 12 49	3°22'20	16°27	22° 9	26°30	20°45	6°38	23°48	8°42	18°23	4°27	3°49	3°46	9°13	n.a.	T 28
F 29	16 16 46	4°19'26	1♐44	23°52	27°44	21°17	6°51	23°46	8°41	18°24	4°29	3°39	3°43	9°20	n.a.	F 29
S 30	16 20 42	5°16'32	17° 4	25°33	28°57	21°49	7° 4	23°44	8°40	18°25	4°30	3°28	3°39	9°26	n.a.	S 30
S 31	16 24 39	6♊13'37	2♑16	27♊11	0♊11	22♌21	7♉17	23♑42	8♎39	18♌26	4♋32	3♓19	3♓36	9♊33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n12	23s32	4s56	9n25	1s 1	8n 6	1s12	20n15	1n46	10n54	0s55	22s 5	0s34	3s11	0n39	16n30	1n 0	27n21	3n42	9s17	9s43	26n38		n.a.
S 2	14 31	26 56	5 3	10 19	0 51	8 34	1 11	20 7	1 44	10 59	0 55	22 5	0 35	3 11	0 39	16 30	1 0	27 21	3 42	9 20	9 44	26 40		n.a.
S 3	14 49	28 22	4 50	11 13	0 40	9 3	1 9	19 58	1 43	11 4	0 55	22 5	0 35	3 10	0 39	16 30	1 0	27 21	3 42	9 23	9 45	26 41		n.a.
M 4	15 8	27 45	4 18	12 6	0 30	9 31	1 7	19 50	1 41	11 9	0 55	22 5	0 35	3 9	0 39	16 30	1 0	27 21	3 42	9 25	9 46	26 42		n.a.
T 5	15 26	25 17	3 30	13 0	0 19	9 59	1 6	19 41	1 40	11 14	0 55	22 6	0 35	3 8	0 39	16 30	1 0	27 21	3 42	9 27	9 47	26 43		n.a.
W 6	15 44	21 22	2 31	13 53	0 8	10 27	1 4	19 32	1 38	11 19	0 55	22 6	0 35	3 7	0 39	16 30	1 0	27 21	3 42	9 27	9 48	26 44		n.a.
T 7	16 1	16 26	1 25	14 46	0n 2	10 55	1 2	19 23	1 37	11 24	0 55	22 6	0 35	3 7	0 39	16 30	1 0	27 21	3 42	9 27	9 50	26 45		n.a.
F 8	16 18	10 51	0 17	15 37	0 13	11 22	1 0	19 14	1 35	11 29	0 55	22 6	0 35	3 6	0 39	16 29	1 0	27 21	3 42	9 27	9 51	26 47		n.a.
S 9	16 35	4 58	0n51	16 28	0 23	11 49	0 58	19 5	1 34	11 34	0 54	22 6	0 36	3 5	0 39	16 29	1 0	27 21	3 42	9 27	9 52	26 48		n.a.
S 10	16 52	1n 0	1 55	17 17	0 34	12 16	0 57	18 56	1 32	11 39	0 54	22 6	0 36	3 4	0 39	16 29	1 0	27 21	3 42	9 28	9 53	26 49		n.a.
M11	17 9	6 50	2 52	18 4	0 43	12 42	0 55	18 46	1 31	11 43	0 54	22 6	0 36	3 4	0 39	16 29	1 0	27 21	3 42	9 30	9 54	26 50		n.a.
T 12	17 25	12 19	3 41	18 50	0 53	13 9	0 53	18 37	1 30	11 48	0 54	22 7	0 36	3 3	0 39	16 29	1 0	27 21	3 42	9 32	9 56	26 51		n.a.
W13	17 41	17 18	4 19	19 33	1 2	13 35	0 51	18 27	1 28	11 53	0 54	22 7	0 36	3 2	0 39	16 29	1 0	27 20	3 42	9 36	9 57	26 52		n.a.
T 14	17 57	21 34	4 45	20 15	1 10	14 0	0 49	18 17	1 27	11 58	0 54	22 7	0 36	3 2	0 38	16 29	1 0	27 20	3 42	9 41	9 58	26 53		n.a.
F 15	18 12	24 55	4 58	20 54	1 18	14 26	0 46	18 8	1 25	12 2	0 54	22 7	0 36	3 1	0 38	16 29	1 0	27 20	3 42	9 45	9 59	26 54		n.a.
S 16	18 27	27 12	4 59	21 31	1 26	14 51	0 44	17 58	1 24	12 7	0 54	22 8	0 37	3 0	0 38	16 28	1 0	27 20	3 42	9 50	10 0	26 56		n.a.
S 17	18 42	28 14	4 46	22 5	1 33	15 15	0 42	17 48	1 23	12 12	0 54	22 8	0 37	3 0	0 38	16 28	1 0	27 20	3 42	9 55	10 1	26 57		n.a.
M18	18 56	27 59	4 21	22 37	1 39	15 39	0 40	17 37	1 21	12 17	0 54	22 8	0 37	2 59	0 38	16 28	1 0	27 20	3 42	9 59	10 3	26 58		n.a.
T 19	19 11	26 26	3 45	23 5	1 44	16 3	0 38	17 27	1 20	12 21	0 54	22 9	0 37	2 59	0 38	16 28	1 0	27 20	3 42	10 2	10 4	26 59		n.a.
W20	19 24	23 39	2 58	23 32	1 49	16 27	0 36	17 17	1 19	12 26	0 54	22 9	0 37	2 58	0 38	16 28	1 0	27 20	3 42	10 3	10 5	27 0		n.a.
T 21	19 38	19 46	2 2	23 55	1 53	16 50	0 33	17 6	1 17	12 30	0 54	22 9	0 37	2 58	0 38	16 27	1 0	27 20	3 42	10 4	10 6	27 1		n.a.
F 22	19 51	14 58	0 59	24 16	1 56	17 12	0 31	16 55	1 16	12 35	0 54	22 10	0 37	2 57	0 38	16 27	1 0	27 20	3 42	10 5	10 7	27 2		n.a.
S 23	20 4	9 23	0s 8	24 35	1 59	17 34	0 29	16 44	1 15	12 39	0 54	22 10	0 38	2 57	0 38	16 27	1 0	27 20	3 42	10 5	10 8	27 3		n.a.
S 24	20 17	3 15	1 17	24 50	2 1	17 56	0 27	16 34	1 13	12 44	0 54	22 11	0 38	2 56	0 38	16 27	1 0	27 20	3 42	10 5	10 10	27 4		n.a.
M25	20 29	3s15	2 24	25 4	2 2	18 18	0 24	16 23	1 12	12 48	0 54	22 11	0 38	2 56	0 38	16 27	1 0	27 20	3 42	10 5	10 11	27 5		n.a.
T 26	20 41	9 48	3 24	25 14	2 2	18 38	0 22	16 11	1 11	12 53	0 54	22 12	0 38	2 55	0 38	16 26	1 0	27 20	3 42	10 7	10 12	27 6		n.a.
W27	20 52	16 3	4 14	25 23	2 2	18 59	0 20	16 0	1 10	12 57	0 54	22 12	0 38	2 55	0 38	16 26	1 0	27 20	3 42	10 10	10 13	27 7		n.a.
T 28	21 4	21 30	4 47	25 29	2 1	19 18	0 17	15 49	1 8	13 2	0 54	22 13	0 38	2 54	0 38	16 26	1 0	27 20	3 42	10 13	10 14	27 8		n.a.
F 29	21 14	25 37	5 0	25 33	2 0	19 38	0 15	15 37	1 7	13 6	0 54	22 13	0 38	2 54	0 38	16 25	1 0	27 20	3 43	10 17	10 15	27 9		n.a.
S 30	21 25	27 54	4 52	25 35	1 57	19 57	0 12	15 26	1 6	13 10	0 54	22 14	0 39	2 54	0 38	16 25	1 0	27 20	3 43	10 21	10 17	27 10		n.a.
S 31	21n35	28s 4	4s23	25n35	1n55	20n15	0s10	15n14	1n 5	13n15	0s54	22s14	0s39	2s53	0n38	16n25	1n 0	27n20	3n43	10s24	10s18	27n11		n.a.

Julian Day Number = 1706568.5, Delta T = 03h02m52s
Ecliptic obliquity = 23°42'08, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°37'28, Lahiri = - 4°30'28 Julian Calendar 1 May 41 BCE == Greg. Calendar 29 Apr. 041 BCE

The year -40 astronomical counting style corresponds to year 041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 41 BCE
geocentric

JUNE 41 BCE (-40) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 28 35	7♊10'43	17♑10	28♊47	1♊25	22♌53	7♉30	23°R40	8°R38	18♌27	4♋33	3°R11	3♓33	9♊40	n.a.	M 1
T 2	16 32 32	8° 7'49	1♒40	0♋21	2°38	23°26	7°43	23♑37	8♎37	18°28	4°35	3♓ 6	3°30	9°47	n.a.	T 2
W 3	16 36 29	9° 4'55	15°41	1°53	3°52	23°58	7°56	23°35	8°36	18°29	4°36	3° 4	3°27	9°53	n.a.	W 3
T 4	16 40 25	10° 2'01	29°15	3°22	5° 5	24°31	8° 9	23°32	8°36	18°30	4°38	3°D 3	3°24	10° 0	n.a.	T 4
F 5	16 44 22	10°59'08	12♓22	4°49	6°19	25° 4	8°22	23°29	8°35	18°31	4°40	3°R 3	3°20	10° 7	n.a.	F 5
S 6	16 48 18	11°56'14	25° 7	6°14	7°33	25°37	8°35	23°27	8°34	18°32	4°41	3° 3	3°17	10°13	n.a.	S 6
S 7	16 52 15	12°53'22	7♈34	7°36	8°46	26°10	8°48	23°24	8°33	18°33	4°43	3° 1	3°14	10°20	n.a.	S 7
M 8	16 56 11	13°50'30	19°48	8°56	10° 0	26°43	9° 0	23°21	8°33	18°34	4°44	2°56	3°11	10°27	n.a.	M 8
T 9	17 0 8	14°47'38	1♉52	10°14	11°14	27°17	9°13	23°18	8°32	18°36	4°46	2°49	3° 8	10°34	n.a.	T 9
W10	17 4 4	15°44'46	13°49	11°29	12°27	27°50	9°26	23°15	8°32	18°37	4°48	2°39	3° 4	10°40	n.a.	W10
T 11	17 8 1	16°41'56	25°43	12°41	13°41	28°24	9°38	23°12	8°31	18°38	4°49	2°28	3° 1	10°47	n.a.	T 11
F 12	17 11 58	17°39'05	7♊35	13°51	14°55	28°58	9°51	23° 9	8°31	18°39	4°51	2°15	2°58	10°54	n.a.	F 12
S 13	17 15 54	18°36'15	19°27	14°58	16° 9	29°32	10° 3	23° 6	8°31	18°41	4°52	2° 1	2°55	11° 0	n.a.	S 13
S 14	17 19 51	19°33'25	1♋20	16° 3	17°22	0♍ 6	10°15	23° 2	8°30	18°42	4°54	1°49	2°52	11° 7	n.a.	S 14
M15	17 23 47	20°30'36	13°16	17° 4	18°36	0°40	10°28	22°59	8°30	18°43	4°56	1°39	2°49	11°14	n.a.	M15
T 16	17 27 44	21°27'47	25°17	18° 3	19°50	1°15	10°40	22°55	8°30	18°45	4°57	1°31	2°45	11°21	n.a.	T 16
W17	17 31 40	22°24'58	7♌25	18°59	21° 4	1°49	10°52	22°52	8°30	18°46	4°59	1°26	2°42	11°27	n.a.	W17
T 18	17 35 37	23°22'10	19°43	19°51	22°18	2°24	11° 4	22°48	8°30	18°47	5° 1	1°24	2°39	11°34	n.a.	T 18
F 19	17 39 33	24°19'22	2♍14	20°40	23°32	2°59	11°16	22°45	8°D30	18°49	5° 2	1°D23	2°36	11°41	n.a.	F 19
S 20	17 43 30	25°16'34	15° 3	21°26	24°45	3°34	11°28	22°41	8°30	18°50	5° 4	1°23	2°33	11°48	n.a.	S 20
S 21	17 47 27	26°13'46	28°12	22° 7	25°59	4° 9	11°40	22°37	8°30	18°52	5° 6	1°R24	2°30	11°54	n.a.	S 21
M22	17 51 23	27°10'59	11♎47	22°46	27°13	4°44	11°51	22°34	8°30	18°53	5° 7	1°23	2°26	12° 1	n.a.	M22
T 23	17 55 20	28° 8'12	25°48	23°20	28°27	5°20	12° 3	22°30	8°30	18°55	5° 9	1°20	2°23	12° 8	n.a.	T 23
W24	17 59 16	29° 5'26	10♏16	23°50	29°41	5°55	12°15	22°26	8°30	18°56	5°11	1°15	2°20	12°14	n.a.	W24
T 25	18 3 13	0♋ 2'40	25° 7	24°16	0♋55	6°31	12°26	22°22	8°31	18°58	5°12	1° 8	2°17	12°21	n.a.	T 25
F 26	18 7 9	0°59'54	10♐14	24°38	2° 9	7° 6	12°38	22°18	8°31	19° 0	5°14	0°59	2°14	12°28	n.a.	F 26
S 27	18 11 6	1°57'10	25°29	24°55	3°23	7°42	12°49	22°14	8°31	19° 1	5°16	0°51	2°10	12°35	n.a.	S 27
S 28	18 15 3	2°54'26	10♑41	25° 7	4°37	8°18	13° 0	22°10	8°32	19° 3	5°18	0°43	2° 7	12°41	n.a.	S 28
M29	18 18 59	3°51'43	25°38	25°14	5°51	8°54	13°11	22° 6	8°32	19° 5	5°19	0°37	2° 4	12°48	n.a.	M29
T 30	18 22 56	4♋49'01	10♒14	25°R17	7♋ 5	9♍30	13♉23	22♑ 1	8♎33	19♌ 6	5♋21	0♓33	2♓ 1	12♊55	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n45	26s10	3s37	25n33	1n51	20n33	0s 8	15n 2	1n 4	13n19	0s54	22s15	0s39	2s53	0n38	16n24	1n 0	27n20	3n43	10s27	10s19	27n12		n.a.
T 2	21 54	22 34	2 38	25 29	1 47	20 50	0 5	14 50	1 2	13 23	0 54	22 15	0 39	2 53	0 38	16 24	1 0	27 20	3 43	10 29	10 20	27 13		n.a.
W 3	22 3	17 45	1 30	25 24	1 42	21 6	0 3	14 38	1 1	13 28	0 54	22 16	0 39	2 52	0 38	16 24	1 0	27 20	3 43	10 29	10 21	27 14		n.a.
T 4	22 12	12 11	0 20	25 17	1 37	21 22	0 1	14 26	1 0	13 32	0 54	22 16	0 39	2 52	0 38	16 23	1 0	27 20	3 43	10 30	10 22	27 15		n.a.
F 5	22 20	6 14	0n49	25 8	1 31	21 38	0n 2	14 14	0 59	13 36	0 54	22 17	0 39	2 52	0 38	16 23	1 0	27 20	3 43	10 30	10 23	27 16		n.a.
S 6	22 28	0 13	1 54	24 58	1 25	21 53	0 4	14 2	0 58	13 40	0 54	22 17	0 40	2 51	0 38	16 23	1 0	27 20	3 43	10 30	10 25	27 17		n.a.
S 7	22 36	5n39	2 52	24 47	1 18	22 7	0 7	13 49	0 56	13 44	0 54	22 18	0 40	2 51	0 38	16 22	1 0	27 20	3 43	10 31	10 26	27 18		n.a.
M 8	22 43	11 13	3 40	24 34	1 11	22 20	0 9	13 37	0 55	13 48	0 54	22 19	0 40	2 51	0 38	16 22	1 0	27 20	3 43	10 32	10 27	27 18		n.a.
T 9	22 49	16 17	4 18	24 21	1 3	22 33	0 11	13 24	0 54	13 52	0 54	22 19	0 40	2 51	0 38	16 22	1 0	27 20	3 43	10 35	10 28	27 19		n.a.
W10	22 56	20 41	4 45	24 6	0 54	22 46	0 14	13 11	0 53	13 56	0 54	22 20	0 40	2 51	0 38	16 21	1 0	27 20	3 43	10 38	10 29	27 20		n.a.
T 11	23 2	24 13	4 58	23 50	0 45	22 57	0 16	12 58	0 52	14 0	0 54	22 21	0 40	2 51	0 38	16 21	0 59	27 20	3 43	10 43	10 30	27 21		n.a.
F 12	23 7	26 44	4 59	23 34	0 36	23 8	0 18	12 45	0 51	14 4	0 54	22 21	0 40	2 50	0 37	16 20	0 59	27 19	3 43	10 47	10 32	27 22		n.a.
S 13	23 12	28 3	4 47	23 17	0 26	23 19	0 21	12 32	0 50	14 8	0 54	22 22	0 41	2 50	0 37	16 20	0 59	27 19	3 43	10 52	10 33	27 23		n.a.
S 14	23 17	28 4	4 22	22 59	0 16	23 28	0 23	12 19	0 48	14 12	0 54	22 23	0 41	2 50	0 37	16 20	0 59	27 19	3 43	10 57	10 34	27 24		n.a.
M15	23 21	26 47	3 46	22 41	0 5	23 37	0 25	12 6	0 47	14 16	0 54	22 23	0 41	2 50	0 37	16 19	0 59	27 19	3 43	11 0	10 35	27 25		n.a.
T 16	23 25	24 15	2 59	22 22	0s 6	23 46	0 27	11 52	0 46	14 20	0 54	22 24	0 41	2 50	0 37	16 19	0 59	27 19	3 43	11 3	10 36	27 25		n.a.
W17	23 29	20 37	2 4	22 3	0 18	23 53	0 30	11 39	0 45	14 24	0 54	22 25	0 41	2 50	0 37	16 18	0 59	27 19	3 43	11 5	10 37	27 26		n.a.
T 18	23 32	16 2	1 2	21 44	0 30	24 0	0 32	11 25	0 44	14 27	0 54	22 26	0 41	2 50	0 37	16 18	0 59	27 19	3 43	11 6	10 39	27 27		n.a.
F 19	23 35	10 43	0s 5	21 24	0 42	24 6	0 34	11 11	0 43	14 31	0 54	22 26	0 41	2 50	0 37	16 17	0 59	27 19	3 43	11 6	10 40	27 28		n.a.
S 20	23 37	4 51	1 12	21 5	0 54	24 12	0 36	10 58	0 42	14 35	0 54	22 27	0 41	2 50	0 37	16 17	0 59	27 19	3 43	11 6	10 41	27 29		n.a.
S 21	23 39	1s23	2 18	20 45	1 7	24 17	0 38	10 44	0 41	14 38	0 54	22 28	0 42	2 50	0 37	16 16	0 59	27 19	3 43	11 6	10 42	27 30		n.a.
M22	23 40	7 44	3 18	20 26	1 20	24 21	0 40	10 30	0 40	14 42	0 54	22 29	0 42	2 50	0 37	16 16	0 59	27 19	3 43	11 6	10 43	27 30		n.a.
T 23	23 41	13 55	4 8	20 7	1 34	24 24	0 42	10 16	0 39	14 46	0 54	22 29	0 42	2 50	0 37	16 15	0 59	27 19	3 43	11 7	10 44	27 31		n.a.
W24	23 42	19 32	4 44	19 49	1 47	24 27	0 45	10 1	0 38	14 49	0 54	22 30	0 42	2 51	0 37	16 15	0 59	27 19	3 44	11 9	10 45	27 32		n.a.
T 25	23 42	24 8	5 2	19 31	2 1	24 28	0 47	9 47	0 37	14 53	0 54	22 31	0 42	2 51	0 37	16 14	0 59	27 19	3 44	11 11	10 47	27 33		n.a.
F 26	23 42	27 10	5 0	19 14	2 14	24 30	0 48	9 33	0 36	14 56	0 54	22 32	0 42	2 51	0 37	16 14	0 59	27 19	3 44	11 15	10 48	27 33		n.a.
S 27	23 41	28 14	4 37	18 57	2 28	24 30	0 50	9 18	0 35	15 0	0 54	22 32	0 42	2 51	0 37	16 13	0 59	27 19	3 44	11 18	10 49	27 34		n.a.
S 28	23 40	27 9	3 54	18 42	2 42	24 30	0 52	9 4	0 34	15 3	0 54	22 33	0 42	2 51	0 37	16 13	0 59	27 19	3 44	11 20	10 50	27 35		n.a.
M29	23 39	24 7	2 55	18 27	2 55	24 28	0 54	8 49	0 32	15 6	0 54	22 34	0 42	2 52	0 37	16 12	0 59	27 19	3 44	11 23	10 51	27 36		n.a.
T 30	23n37	19s35	1s46	18n14	3s 8	24n27	0n56	8n34	0n31	15n10	0s54	22s35	0s43	2s52	0n37	16n12	0n59	27n19	3n44	11s24	10s52	27n36		n.a.

Julian Day Number = 1706599.5, Delta T = 03h02m51s
Ecliptic obliquity = 23°42'07, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°37'24, Lahiri = - 4°30'24 Julian Calendar 1 June 41 BCE == Greg. Calendar 30 May 041 BCE

The year -40 astronomical counting style corresponds to year 041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 41 BCE
geocentric

JULY 41 BCE (-40) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 26 52	5♋46'21	24♒22	25°R14	8♋19	10♍ 7	13♉34	21°R57	8♎33	19♑ 8	5♋23	0°D31	1♓58	13♊ 2	n.a.	W 1
T 2	18 30 49	6°43'41	8♓ 2	25♋ 6	9°33	10°43	13°45	21♂53	8°34	19°10	5°24	0♓31	1°55	13° 8	n.a.	T 2
F 3	18 34 45	7°41'02	21°15	24°53	10°47	11°20	13°55	21°49	8°35	19°11	5°26	0°32	1°51	13°15	n.a.	F 3
S 4	18 38 42	8°38'25	4♈ 3	24°35	12° 1	11°56	14° 6	21°44	8°36	19°13	5°28	0°R33	1°48	13°22	n.a.	S 4
S 5	18 42 38	9°35'49	16°31	24°12	13°15	12°33	14°17	21°40	8°36	19°15	5°29	0°33	1°45	13°28	n.a.	S 5
M 6	18 46 35	10°33'14	28°44	23°44	14°29	13°10	14°27	21°36	8°37	19°17	5°31	0°31	1°42	13°35	n.a.	M 6
T 7	18 50 32	11°30'41	10♉46	23°11	15°43	13°47	14°38	21°31	8°38	19°19	5°33	0°27	1°39	13°42	n.a.	T 7
W 8	18 54 28	12°28'09	22°41	22°35	16°57	14°24	14°48	21°27	8°39	19°21	5°35	0°21	1°36	13°49	n.a.	W 8
T 9	18 58 25	13°25'39	4♊33	21°54	18°11	15° 1	14°58	21°22	8°40	19°22	5°36	0°14	1°32	13°55	n.a.	T 9
F 10	19 2 21	14°23'10	16°24	21°11	19°25	15°39	15° 8	21°18	8°41	19°24	5°38	0° 6	1°29	14° 2	n.a.	F 10
S 11	19 6 18	15°20'42	28°18	20°25	20°39	16°16	15°18	21°13	8°42	19°26	5°40	29♒57	1°26	14° 9	n.a.	S 11
S 12	19 10 14	16°18'16	10♋16	19°37	21°54	16°54	15°28	21° 9	8°43	19°28	5°41	29°49	1°23	14°15	n.a.	S 12
M13	19 14 11	17°15'51	22°20	18°48	23° 8	17°31	15°38	21° 4	8°45	19°30	5°43	29°43	1°20	14°22	n.a.	M13
T 14	19 18 7	18°13'27	4♌31	17°59	24°22	18° 9	15°48	21° 0	8°46	19°32	5°45	29°38	1°16	14°29	n.a.	T 14
W15	19 22 4	19°11'04	16°50	17°11	25°36	18°47	15°57	20°55	8°47	19°34	5°46	29°35	1°13	14°36	n.a.	W15
T 16	19 26 1	20° 8'43	29°20	16°25	26°50	19°25	16° 7	20°51	8°49	19°36	5°48	29°D34	1°10	14°42	n.a.	T 16
F 17	19 29 57	21° 6'22	12♍ 2	15°42	28° 5	20° 3	16°16	20°46	8°50	19°38	5°50	29°35	1° 7	14°49	n.a.	F 17
S 18	19 33 54	22° 4'03	24°59	15° 3	29°19	20°41	16°25	20°42	8°51	19°40	5°51	29°36	1° 4	14°56	n.a.	S 18
S 19	19 37 50	23° 1'45	8♎13	14°28	0♌33	21°19	16°35	20°37	8°53	19°42	5°53	29°38	1° 1	15° 2	n.a.	S 19
M20	19 41 47	23°59'29	21°47	13°58	1°47	21°58	16°44	20°33	8°54	19°44	5°55	29°R39	0°57	15° 9	n.a.	M20
T 21	19 45 43	24°57'13	5♏41	13°34	3° 2	22°36	16°52	20°28	8°56	19°46	5°56	29°38	0°54	15°16	n.a.	T 21
W22	19 49 40	25°54'59	19°56	13°17	4°16	23°15	17° 1	20°24	8°58	19°48	5°58	29°36	0°51	15°23	n.a.	W22
T 23	19 53 36	26°52'46	4♐30	13° 7	5°30	23°53	17°10	20°19	8°59	19°50	5°59	29°33	0°48	15°29	n.a.	T 23
F 24	19 57 33	27°50'34	19°17	13°D 4	6°44	24°32	17°18	20°15	9° 1	19°52	6° 1	29°29	0°45	15°36	n.a.	F 24
S 25	20 1 30	28°48'24	4♑13	13° 9	7°59	25°11	17°27	20°11	9° 3	19°54	6° 3	29°24	0°42	15°43	n.a.	S 25
S 26	20 5 26	29°46'15	19° 8	13°22	9°13	25°50	17°35	20° 6	9° 5	19°57	6° 4	29°21	0°38	15°50	n.a.	S 26
M27	20 9 23	0♌44'08	3♒53	13°43	10°27	26°29	17°43	20° 2	9° 7	19°59	6° 6	29°18	0°35	15°56	n.a.	M27
T 28	20 13 19	1°42'02	18°23	14°11	11°42	27° 8	17°51	19°57	9° 9	20° 1	6° 7	29°16	0°32	16° 3	n.a.	T 28
W29	20 17 16	2°39'58	2♓30	14°48	12°56	27°48	17°59	19°53	9°11	20° 3	6° 9	29°D16	0°29	16°10	n.a.	W29
T 30	20 21 12	3°37'56	16°12	15°32	14°10	28°27	18° 6	19°49	9°13	20° 5	6°10	29°16	0°26	16°16	n.a.	T 30
F 31	20 25 9	4♌35'55	29♓29	16♋23	15♌25	29♍ 6	18♉14	19♂44	9♎15	20♑ 7	6♋12	29♒18	0♓22	16♊23	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23n34	14s 4	0s33	18n 1	3s21	24n24	0n58	8n20	0n30	15n13	0s54	22s36	0s43	2s52	0n37	16n11	0n59	27n19	3n44	11s25	10s53	27n37			n.a.
T 2	23 32	8 2	0n40	17 51	3 34	24 21	0 59	8 5	0 29	15 16	0 54	22 36	0 43	2 52	0 37	16 11	0 59	27 19	3 44	11 25	10 55	27 38			n.a.
F 3	23 29	1 51	1 49	17 41	3 46	24 17	1 1	7 50	0 28	15 19	0 55	22 37	0 43	2 53	0 37	16 10	0 59	27 19	3 44	11 24	10 56	27 39			n.a.
S 4	23 25	4n13	2 50	17 34	3 57	24 12	1 3	7 35	0 27	15 23	0 55	22 38	0 43	2 53	0 37	16 9	0 59	27 19	3 44	11 24	10 57	27 39			n.a.
S 5	23 21	9 58	3 41	17 27	4 7	24 6	1 4	7 20	0 26	15 26	0 55	22 39	0 43	2 53	0 37	16 9	0 59	27 19	3 44	11 24	10 58	27 40			n.a.
M 6	23 17	15 12	4 21	17 23	4 16	24 0	1 6	7 5	0 25	15 29	0 55	22 40	0 43	2 54	0 37	16 8	0 59	27 19	3 44	11 25	10 59	27 41			n.a.
T 7	23 12	19 47	4 49	17 20	4 24	23 53	1 7	6 49	0 24	15 32	0 55	22 40	0 43	2 54	0 36	16 8	0 59	27 19	3 44	11 26	11 0	27 41			n.a.
W 8	23 7	23 32	5 4	17 20	4 31	23 45	1 9	6 34	0 24	15 35	0 55	22 41	0 43	2 55	0 36	16 7	0 59	27 19	3 44	11 28	11 2	27 42			n.a.
T 9	23 1	26 18	5 6	17 21	4 37	23 37	1 10	6 19	0 23	15 38	0 55	22 42	0 44	2 55	0 36	16 6	0 59	27 19	3 45	11 31	11 3	27 43			n.a.
F 10	22 55	27 53	4 55	17 23	4 41	23 28	1 12	6 3	0 22	15 41	0 55	22 43	0 44	2 55	0 36	16 6	0 59	27 19	3 45	11 34	11 4	27 43			n.a.
S 11	22 48	28 12	4 31	17 28	4 43	23 18	1 13	5 48	0 21	15 44	0 55	22 44	0 44	2 56	0 36	16 5	0 59	27 19	3 45	11 37	11 5	27 44			n.a.
S 12	22 42	27 12	3 55	17 35	4 43	23 7	1 14	5 32	0 20	15 47	0 55	22 44	0 44	2 56	0 36	16 5	0 59	27 19	3 45	11 40	11 6	27 45			n.a.
M13	22 34	24 55	3 8	17 43	4 42	22 56	1 15	5 16	0 19	15 49	0 55	22 45	0 44	2 57	0 36	16 4	0 59	27 19	3 45	11 42	11 7	27 45			n.a.
T 14	22 27	21 28	2 12	17 52	4 39	22 44	1 16	5 0	0 18	15 52	0 55	22 46	0 44	2 57	0 36	16 3	0 59	27 19	3 45	11 44	11 8	27 46			n.a.
W15	22 19	17 3	1 9	18 3	4 34	22 31	1 18	4 45	0 17	15 55	0 55	22 47	0 44	2 58	0 36	16 3	0 59	27 19	3 45	11 44	11 10	27 46			n.a.
T 16	22 10	11 51	0 1	18 16	4 27	22 18	1 19	4 29	0 16	15 58	0 55	22 48	0 44	2 59	0 36	16 2	0 59	27 19	3 45	11 45	11 11	27 47			n.a.
F 17	22 1	6 5	1s 7	18 30	4 18	22 4	1 20	4 13	0 15	16 0	0 55	22 48	0 44	2 59	0 36	16 1	0 59	27 19	3 45	11 45	11 12	27 48			n.a.
S 18	21 52	0s 2	2 14	18 44	4 8	21 50	1 20	3 57	0 14	16 3	0 55	22 49	0 44	3 0	0 36	16 1	0 59	27 19	3 45	11 44	11 13	27 48			n.a.
S 19	21 43	6 16	3 15	19 0	3 56	21 34	1 21	3 41	0 13	16 6	0 55	22 50	0 45	3 0	0 36	16 0	0 59	27 19	3 45	11 44	11 14	27 49			n.a.
M20	21 33	12 23	4 6	19 16	3 43	21 19	1 22	3 25	0 12	16 8	0 55	22 51	0 45	3 1	0 36	15 59	0 59	27 19	3 46	11 43	11 15	27 49			n.a.
T 21	21 22	18 2	4 45	19 32	3 29	21 2	1 23	3 8	0 11	16 11	0 55	22 52	0 45	3 2	0 36	15 59	0 59	27 19	3 46	11 43	11 16	27 50			n.a.
W22	21 12	22 50	5 7	19 49	3 14	20 45	1 23	2 52	0 10	16 13	0 55	22 52	0 45	3 2	0 36	15 58	0 59	27 19	3 46	11 44	11 17	27 50			n.a.
T 23	21 1	26 21	5 11	20 6	2 58	20 27	1 24	2 36	0 9	16 15	0 56	22 53	0 45	3 3	0 36	15 58	0 59	27 19	3 46	11 45	11 19	27 51			n.a.
F 24	20 49	28 8	4 53	20 23	2 41	20 9	1 24	2 19	0 9	16 18	0 56	22 54	0 45	3 4	0 36	15 57	0 59	27 20	3 46	11 47	11 20	27 51			n.a.
S 25	20 37	27 54	4 16	20 39	2 24	19 50	1 25	2 3	0 8	16 20	0 56	22 55	0 45	3 5	0 36	15 56	0 59	27 20	3 46	11 48	11 21	27 52			n.a.
S 26	20 25	25 39	3 22	20 55	2 7	19 31	1 25	1 47	0 7	16 22	0 56	22 55	0 45	3 5	0 36	15 55	0 59	27 20	3 46	11 50	11 22	27 53			n.a.
M27	20 13	21 40	2 14	21 10	1 49	19 11	1 26	1 30	0 6	16 25	0 56	22 56	0 45	3 6	0 36	15 55	0 59	27 20	3 46	11 51	11 23	27 53			n.a.
T 28	20 0	16 26	0 59	21 25	1 32	18 51	1 26	1 14	0 5	16 27	0 56	22 57	0 45	3 7	0 36	15 54	0 59	27 20	3 46	11 51	11 24	27 54			n.a.
W29	19 47	10 25	0n18	21 38	1 15	18 29	1 26	0 57	0 4	16 29	0 56	22 57	0 45	3 8	0 36	15 53	0 59	27 20	3 47	11 51	11 25	27 54			n.a.
T 30	19 33	4 6	1 32	21 50	0 58	18 8	1 26	0 40	0 3	16 31	0 56	22 58	0 45	3 9	0 36	15 53	0 59	27 20	3 47	11 51	11 27	27 55			n.a.
F 31	19n19	2n12	2n38	22n 0	0s42	17n46	1n26	0n24	0n 2	16n33	0s56	22s59	0s45	3s10	0n36	15n52	0n59	27n20	3n47	11s51	11s28	27n55			n.a.

Julian Day Number = 1706629.5, Delta T = 03h02m51s
Ecliptic obliquity = 23°42'07, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°37'20, Lahiri = - 4°30'19 Julian Calendar 1 July 41 BCE == Greg. Calendar 29 June 041 BCE

The year -40 astronomical counting style corresponds to year 041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 41 BCE
geocentric

AUGUST 41 BCE (-40) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 29 5	5♌33'57	12♈21	17♋22	16♌39	29♍46	18♉21	19°R40	9♎17	20♌ 9	6♋13	29♒19	0♓19	16♊30	n.a.	S 1
S 2	20 33 2	6°32'01	24°53	18°27	17°53	0♎26	18°29	19♑36	9°19	20°12	6°15	29°20	0°16	16°37	n.a.	S 2
M 3	20 36 59	7°30'06	7♉ 9	19°40	19° 8	1° 5	18°36	19°32	9°21	20°14	6°17	29°R21	0°13	16°43	n.a.	M 3
T 4	20 40 55	8°28'14	19°12	20°58	20°22	1°45	18°43	19°28	9°23	20°16	6°18	29°20	0°10	16°50	n.a.	T 4
W 5	20 44 52	9°26'24	1♊ 7	22°21	21°36	2°25	18°50	19°23	9°26	20°18	6°19	29°19	0° 7	16°57	n.a.	W 5
T 6	20 48 48	10°24'36	12°59	23°50	22°51	3° 5	18°56	19°19	9°28	20°20	6°21	29°17	0° 3	17° 3	n.a.	T 6
F 7	20 52 45	11°22'50	24°52	25°23	24° 5	3°45	19° 3	19°15	9°30	20°23	6°22	29°14	0° 0	17°10	n.a.	F 7
S 8	20 56 41	12°21'07	6♋49	27° 1	25°20	4°25	19° 9	19°11	9°33	20°25	6°24	29°12	29♒57	17°17	n.a.	S 8
S 9	21 0 38	13°19'25	18°53	28°42	26°34	5° 6	19°15	19° 7	9°35	20°27	6°25	29° 9	29°54	17°24	n.a.	S 9
M10	21 4 34	14°17'45	1♌ 6	0♌26	27°48	5°46	19°21	19° 4	9°38	20°29	6°27	29° 7	29°51	17°30	n.a.	M10
T 11	21 8 31	15°16'07	13°30	2°13	29° 3	6°26	19°27	19° 0	9°40	20°31	6°28	29° 6	29°48	17°37	n.a.	T 11
W12	21 12 28	16°14'31	26° 7	4° 1	0♍17	7° 7	19°33	18°56	9°43	20°34	6°29	29°D 5	29°44	17°44	n.a.	W12
T 13	21 16 24	17°12'57	8♍55	5°52	1°32	7°48	19°39	18°52	9°46	20°36	6°31	29° 6	29°41	17°50	n.a.	T 13
F 14	21 20 21	18°11'25	21°57	7°43	2°46	8°28	19°44	18°49	9°48	20°38	6°32	29° 6	29°38	17°57	n.a.	F 14
S 15	21 24 17	19° 9'55	5♎13	9°36	4° 0	9° 9	19°49	18°45	9°51	20°40	6°33	29° 7	29°35	18° 4	n.a.	S 15
S 16	21 28 14	20° 8'26	18°42	11°29	5°15	9°50	19°54	18°42	9°54	20°43	6°35	29° 8	29°32	18°11	n.a.	S 16
M17	21 32 10	21° 6'59	2♏24	13°22	6°29	10°31	19°59	18°38	9°56	20°45	6°36	29° 9	29°28	18°17	n.a.	M17
T 18	21 36 7	22° 5'34	16°20	15°16	7°44	11°12	20° 4	18°35	9°59	20°47	6°37	29°R 9	29°25	18°24	n.a.	T 18
W19	21 40 3	23° 4'11	0♐27	17° 9	8°58	11°53	20° 8	18°31	10° 2	20°49	6°39	29° 9	29°22	18°31	n.a.	W19
T 20	21 44 0	24° 2'49	14°45	19° 2	10°13	12°35	20°13	18°28	10° 5	20°52	6°40	29° 9	29°19	18°37	n.a.	T 20
F 21	21 47 57	25° 1'30	29°11	20°55	11°27	13°16	20°17	18°25	10° 8	20°54	6°41	29° 8	29°16	18°44	n.a.	F 21
S 22	21 51 53	26° 0'12	13♑40	22°47	12°41	13°57	20°21	18°22	10°11	20°56	6°42	29° 8	29°13	18°51	n.a.	S 22
S 23	21 55 50	26°58'55	28° 8	24°38	13°56	14°39	20°25	18°19	10°14	20°58	6°43	29° 8	29° 9	18°58	n.a.	S 23
M24	21 59 46	27°57'41	12♒30	26°29	15°10	15°20	20°28	18°16	10°17	21° 0	6°45	29° 7	29° 6	19° 4	n.a.	M24
T 25	22 3 43	28°56'29	26°40	28°18	16°25	16° 2	20°32	18°13	10°20	21° 3	6°46	29° 7	29° 3	19°11	n.a.	T 25
W26	22 7 39	29°55'19	10♓34	0♍ 7	17°39	16°44	20°35	18°10	10°23	21° 5	6°47	29° 7	29° 0	19°18	n.a.	W26
T 27	22 11 36	0♍54'10	24° 9	1°55	18°53	17°26	20°38	18° 8	10°26	21° 7	6°48	29° 7	28°57	19°24	n.a.	T 27
F 28	22 15 32	1°53'04	7♈23	3°43	20° 8	18° 8	20°41	18° 5	10°29	21° 9	6°49	29° 7	28°54	19°31	n.a.	F 28
S 29	22 19 29	2°52'01	20°16	5°29	21°22	18°50	20°44	18° 2	10°32	21°12	6°50	29° 7	28°50	19°38	n.a.	S 29
S 30	22 23 26	3°51'00	2♉50	7°14	22°37	19°32	20°46	18° 0	10°35	21°14	6°51	29° 6	28°47	19°45	n.a.	S 30
M31	22 27 22	4♍50'01	15♉ 8	8♍59	23♍51	20♎14	20♉49	17♑58	10♎38	21♌16	6♋52	29♒ 6	28♒44	19♊51	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat		
S 1	19n 5	8n14	3n35	22n 8	0s26	17n23	1n26	0n 7	0n 2	16n35	0s56	23s 0	0s46	3s10	0n36	15n51	0n59	27n20	3n47	11s50	11s29	27n55		n.a.		S 1
S 2	18 51	13 45	4 20	22 14	0 11	17 0	1 26	0s10	0 1	16 37	0 56	23 0	0 46	3 11	0 36	15 51	0 59	27 20	3 47	11 50	11 30	27 56		n.a.		S 2
M 3	18 36	18 38	4 52	22 18	0n 4	16 37	1 26	0 26	0s 0	16 39	0 56	23 1	0 46	3 12	0 35	15 50	0 59	27 20	3 47	11 50	11 31	27 56		n.a.		M 3
T 4	18 21	22 40	5 10	22 20	0 17	16 13	1 26	0 43	0 1	16 41	0 56	23 2	0 46	3 13	0 35	15 49	0 59	27 20	3 47	11 50	11 32	27 57		n.a.		T 4
W 5	18 5	25 44	5 15	22 19	0 30	15 48	1 26	1 0	0 2	16 43	0 56	23 2	0 46	3 14	0 35	15 49	0 59	27 20	3 47	11 50	11 33	27 57		n.a.		W 5
T 6	17 49	27 40	5 6	22 15	0 42	15 24	1 25	1 17	0 3	16 44	0 57	23 3	0 46	3 15	0 35	15 48	0 59	27 20	3 47	11 51	11 34	27 58		n.a.		T 6
F 7	17 33	28 20	4 44	22 9	0 53	14 58	1 25	1 34	0 4	16 46	0 57	23 4	0 46	3 16	0 35	15 47	0 59	27 20	3 48	11 52	11 36	27 58		n.a.		F 7
S 8	17 17	27 41	4 10	22 0	1 2	14 33	1 25	1 51	0 4	16 48	0 57	23 4	0 46	3 17	0 35	15 46	0 59	27 20	3 48	11 53	11 37	27 59		n.a.		S 8
S 9	17 0	25 43	3 24	21 48	1 11	14 7	1 24	2 7	0 5	16 49	0 57	23 5	0 46	3 18	0 35	15 46	0 59	27 20	3 48	11 54	11 38	27 59		n.a.		S 9
M10	16 43	22 33	2 28	21 34	1 19	13 40	1 23	2 24	0 6	16 51	0 57	23 5	0 46	3 19	0 35	15 45	0 59	27 20	3 48	11 54	11 39	27 59		n.a.		M10
T 11	16 26	18 18	1 25	21 17	1 26	13 13	1 23	2 41	0 7	16 52	0 57	23 6	0 46	3 20	0 35	15 44	0 59	27 20	3 48	11 55	11 40	28 0		n.a.		T 11
W12	16 9	13 13	0 16	20 57	1 32	12 46	1 22	2 58	0 8	16 54	0 57	23 7	0 46	3 21	0 35	15 44	0 59	27 20	3 48	11 55	11 41	28 0		n.a.		W12
T 13	15 51	7 29	0s54	20 35	1 37	12 19	1 21	3 15	0 8	16 55	0 57	23 7	0 46	3 22	0 35	15 43	0 59	27 20	3 48	11 55	11 42	28 0		n.a.		T 13
F 14	15 33	1 20	2 3	20 10	1 41	11 51	1 20	3 32	0 9	16 57	0 57	23 8	0 46	3 23	0 35	15 42	0 59	27 21	3 48	11 55	11 44	28 1		n.a.		F 14
S 15	15 14	4s57	3 7	19 43	1 44	11 23	1 19	3 49	0 10	16 58	0 57	23 8	0 46	3 24	0 35	15 41	0 59	27 21	3 49	11 54	11 45	28 1		n.a.		S 15
S 16	14 56	11 7	4 1	19 14	1 47	10 54	1 18	4 6	0 11	16 59	0 57	23 9	0 46	3 25	0 35	15 41	0 59	27 21	3 49	11 54	11 46	28 2		n.a.		S 16
M17	14 37	16 51	4 43	18 43	1 48	10 25	1 17	4 23	0 12	17 1	0 57	23 9	0 46	3 27	0 35	15 40	0 59	27 21	3 49	11 54	11 47	28 2		n.a.		M17
T 18	14 18	21 49	5 9	18 10	1 49	9 56	1 16	4 40	0 12	17 2	0 57	23 10	0 46	3 28	0 35	15 39	0 59	27 21	3 49	11 54	11 48	28 2		n.a.		T 18
W19	13 59	25 37	5 17	17 36	1 49	9 27	1 15	4 57	0 13	17 3	0 58	23 10	0 46	3 29	0 35	15 39	0 59	27 21	3 49	11 54	11 49	28 3		n.a.		W19
T 20	13 39	27 52	5 5	17 0	1 49	8 58	1 14	5 14	0 14	17 4	0 58	23 11	0 46	3 30	0 35	15 38	0 59	27 21	3 49	11 54	11 50	28 3		n.a.		T 20
F 21	13 19	28 16	4 34	16 23	1 48	8 28	1 13	5 31	0 15	17 5	0 58	23 11	0 47	3 31	0 35	15 37	0 59	27 21	3 49	11 54	11 51	28 3		n.a.		F 21
S 22	12 59	26 44	3 46	15 44	1 46	7 58	1 11	5 48	0 16	17 6	0 58	23 12	0 47	3 32	0 35	15 37	0 59	27 21	3 50	11 54	11 52	28 3		n.a.		S 22
S 23	12 39	23 26	2 43	15 5	1 44	7 28	1 10	6 5	0 16	17 7	0 58	23 12	0 47	3 34	0 35	15 36	0 59	27 21	3 50	11 54	11 54	28 4		n.a.		S 23
M24	12 19	18 42	1 31	14 24	1 41	6 57	1 8	6 22	0 17	17 8	0 58	23 13	0 47	3 35	0 35	15 35	0 59	27 21	3 50	11 54	11 55	28 4		n.a.		M24
T 25	11 58	12 58	0 14	13 43	1 38	6 27	1 7	6 39	0 18	17 9	0 58	23 13	0 47	3 36	0 35	15 34	0 59	27 21	3 50	11 54	11 56	28 4		n.a.		T 25
W26	11 37	6 43	1n 3	13 1	1 34	5 56	1 5	6 56	0 19	17 10	0 58	23 13	0 47	3 37	0 35	15 34	0 59	27 21	3 50	11 54	11 57	28 5		n.a.		W26
T 27	11 16	0 18	2 14	12 19	1 30	5 25	1 4	7 13	0 19	17 10	0 58	23 14	0 47	3 38	0 35	15 33	0 59	27 22	3 50	11 54	11 58	28 5		n.a.		T 27
F 28	10 55	5n58	3 17	11 36	1 26	4 54	1 2	7 30	0 20	17 11	0 58	23 14	0 47	3 40	0 35	15 32	0 59	27 22	3 51	11 54	11 59	28 5		n.a.		F 28
S 29	10 34	11 48	4 7	10 52	1 22	4 23	1 0	7 46	0 21	17 12	0 58	23 15	0 47	3 41	0 35	15 32	0 59	27 22	3 51	11 55	12 0	28 5		n.a.		S 29
S 30	10 12	17 2	4 44	10 8	1 17	3 51	0 58	8 3	0 21	17 12	0 58	23 15	0 47	3 42	0 35	15 31	0 59	27 22	3 51	11 55	12 1	28 6		n.a.		S 30
M31	9n51	21n26	5n 7	9n24	1n12	3n20	0n57	8s20	0s22	17n13	0s59	23s15	0s47	3s44	0n35	15n30	0n59	27n22	3n51	11s55	12s 3	28n 6		n.a.		M31

Julian Day Number = 1706660.5, Delta T = 03h02m50s
Ecliptic obliquity = 23°42'07, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°37'16, Lahiri = - 4°30'15 Julian Calendar 1 Aug. 41 BCE == Greg. Calendar 30 July 041 BCE

The year -40 astronomical counting style corresponds to year 041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 41 BCE
geocentric

SEPTEMBER 41 BCE (-40) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 31 19	5♍49'04	27♉12	10♍43	25♍ 5	20♎56	20♉51	17°R55	10♎42	21♌18	6♋53	29°R 5	28♒41	19♊58	n.a.	T 1
W 2	22 35 15	6°48'10	9♊ 9	12°25	26°20	21°38	20°53	17♏53	10°45	21°20	6°54	29°D 5	28°38	20° 5	n.a.	W 2
T 3	22 39 12	7°47'19	21° 1	14° 7	27°34	22°21	20°55	17°51	10°48	21°22	6°55	29♒ 5	28°34	20°11	n.a.	T 3
F 4	22 43 8	8°46'29	2♋54	15°48	28°48	23° 3	20°56	17°49	10°51	21°25	6°56	29° 6	28°31	20°18	n.a.	F 4
S 5	22 47 5	9°45'43	14°53	17°28	0♎ 3	23°46	20°58	17°47	10°55	21°27	6°57	29° 7	28°28	20°25	n.a.	S 5
S 6	22 51 1	10°44'58	27° 1	19° 8	1°17	24°28	20°59	17°45	10°58	21°29	6°58	29° 8	28°25	20°32	n.a.	S 6
M 7	22 54 58	11°44'16	9♌22	20°46	2°32	25°11	21° 0	17°43	11° 2	21°31	6°59	29° 9	28°22	20°38	n.a.	M 7
T 8	22 58 54	12°43'36	21°58	22°24	3°46	25°54	21° 0	17°42	11° 5	21°33	7° 0	29°10	28°19	20°45	n.a.	T 8
W 9	23 2 51	13°42'58	4♍52	24° 1	5° 0	26°37	21° 1	17°40	11° 8	21°35	7° 1	29°R10	28°15	20°52	n.a.	W 9
T 10	23 6 48	14°42'23	18° 2	25°37	6°15	27°20	21° 1	17°39	11°12	21°37	7° 1	29° 9	28°12	20°58	n.a.	T 10
F 11	23 10 44	15°41'49	1♎29	27°13	7°29	28° 3	21°R 2	17°37	11°15	21°39	7° 2	29° 8	28° 9	21° 5	n.a.	F 11
S 12	23 14 41	16°41'18	15°11	28°47	8°43	28°46	21° 2	17°36	11°19	21°41	7° 3	29° 5	28° 6	21°12	n.a.	S 12
S 13	23 18 37	17°40'49	29° 5	0♎21	9°58	29°29	21° 1	17°35	11°22	21°44	7° 4	29° 3	28° 3	21°19	n.a.	S 13
M14	23 22 34	18°40'21	13♏ 8	1°55	11°12	0♏12	21° 1	17°34	11°26	21°46	7° 4	29° 0	27°59	21°25	n.a.	M14
T 15	23 26 30	19°39'56	27°17	3°27	12°26	0°56	21° 0	17°33	11°29	21°48	7° 5	28°58	27°56	21°32	n.a.	T 15
W16	23 30 27	20°39'32	11♐29	4°59	13°41	1°39	20°59	17°32	11°33	21°50	7° 6	28°57	27°53	21°39	n.a.	W16
T 17	23 34 23	21°39'10	25°40	6°30	14°55	2°23	20°58	17°31	11°37	21°52	7° 6	28°D57	27°50	21°45	n.a.	T 17
F 18	23 38 20	22°38'51	9♑50	8° 1	16° 9	3° 6	20°57	17°31	11°40	21°54	7° 7	28°58	27°47	21°52	n.a.	F 18
S 19	23 42 17	23°38'32	23°57	9°31	17°24	3°50	20°56	17°30	11°44	21°56	7° 8	28°59	27°44	21°59	n.a.	S 19
S 20	23 46 13	24°38'16	7♒57	11° 0	18°38	4°33	20°54	17°30	11°47	21°58	7° 8	29° 0	27°40	22° 6	n.a.	S 20
M21	23 50 10	25°38'01	21°50	12°28	19°52	5°17	20°52	17°29	11°51	21°59	7° 9	29° 1	27°37	22°12	n.a.	M21
T 22	23 54 6	26°37'49	5♓34	13°56	21° 6	6° 1	20°50	17°29	11°55	22° 1	7° 9	29°R 1	27°34	22°19	n.a.	T 22
W23	23 58 3	27°37'38	19° 5	15°23	22°21	6°45	20°48	17°29	11°58	22° 3	7°10	29° 0	27°31	22°26	n.a.	W23
T 24	0 1 59	28°37'29	2♈23	16°50	23°35	7°29	20°45	17°D29	12° 2	22° 5	7°10	28°57	27°28	22°32	n.a.	T 24
F 25	0 5 56	29°37'22	15°25	18°15	24°49	8°13	20°43	17°29	12° 6	22° 7	7°10	28°53	27°25	22°39	n.a.	F 25
S 26	0 9 52	0♎37'18	28°12	19°40	26° 3	8°57	20°40	17°29	12° 9	22° 9	7°11	28°48	27°21	22°46	n.a.	S 26
S 27	0 13 49	1°37'15	10♉42	21° 4	27°17	9°41	20°37	17°29	12°13	22°11	7°11	28°42	27°18	22°53	n.a.	S 27
M28	0 17 45	2°37'15	22°59	22°28	28°32	10°25	20°34	17°30	12°17	22°13	7°12	28°36	27°15	22°59	n.a.	M28
T 29	0 21 42	3°37'17	5♊ 3	23°50	29°46	11°10	20°30	17°30	12°21	22°14	7°12	28°31	27°12	23° 6	n.a.	T 29
W30	0 25 39	4♎37'21	16♊59	25♎12	1♏ 0	11♏54	20♉27	17♏31	12♎24	22♌16	7♋12	28♒28	27♒ 9	23♊13	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9n29	24n53	5n17	8n39	1n 6	2n48	0n55	8s37	0s23	17n13	0s59	23s16	0s47	3s45	0n35	15n30	0n59	27n22	3n51	11s55	12s 4	28n 6		n.a.
W 2	9 7	27 12	5 12	7 54	1 1	2 17	0 53	8 53	0 24	17 14	0 59	23 16	0 47	3 46	0 35	15 29	0 59	27 22	3 51	11 55	12 5	28 6		n.a.
T 3	8 44	28 17	4 54	7 9	0 55	1 45	0 51	9 10	0 24	17 14	0 59	23 16	0 47	3 47	0 35	15 28	0 59	27 22	3 51	11 55	12 6	28 6		n.a.
F 4	8 22	28 4	4 23	6 24	0 49	1 13	0 49	9 27	0 25	17 15	0 59	23 17	0 47	3 49	0 35	15 27	0 59	27 22	3 52	11 55	12 7	28 7		n.a.
S 5	8 0	26 31	3 41	5 39	0 42	0 41	0 46	9 43	0 26	17 15	0 59	23 17	0 47	3 50	0 35	15 27	0 59	27 22	3 52	11 54	12 8	28 7		n.a.
S 6	7 37	23 44	2 49	4 54	0 36	0 10	0 44	10 0	0 26	17 15	0 59	23 17	0 47	3 51	0 35	15 26	0 59	27 23	3 52	11 54	12 9	28 7		n.a.
M 7	7 14	19 50	1 47	4 9	0 30	0s22	0 42	10 16	0 27	17 15	0 59	23 17	0 47	3 53	0 35	15 25	0 59	27 23	3 52	11 54	12 10	28 7		n.a.
T 8	6 51	14 58	0 40	3 24	0 23	0 54	0 40	10 33	0 28	17 15	0 59	23 18	0 47	3 54	0 35	15 25	0 59	27 23	3 52	11 53	12 11	28 7		n.a.
W 9	6 28	9 21	0s31	2 39	0 16	1 26	0 38	10 49	0 29	17 15	0 59	23 18	0 47	3 56	0 34	15 24	1 0	27 23	3 52	11 53	12 13	28 7		n.a.
T 10	6 5	3 13	1 42	1 54	0 10	1 58	0 35	11 5	0 29	17 15	0 59	23 18	0 47	3 57	0 34	15 23	1 0	27 23	3 53	11 54	12 14	28 8		n.a.
F 11	5 42	3s11	2 49	1 10	0 3	2 30	0 33	11 22	0 30	17 15	0 59	23 18	0 47	3 58	0 34	15 23	1 0	27 23	3 53	11 54	12 15	28 8		n.a.
S 12	5 19	9 32	3 47	0 26	0s 4	3 2	0 31	11 38	0 31	17 15	0 59	23 18	0 47	4 0	0 34	15 22	1 0	27 23	3 53	11 55	12 16	28 8		n.a.
S 13	4 55	15 31	4 33	0s19	0 11	3 33	0 28	11 54	0 31	17 15	1 0	23 19	0 47	4 1	0 34	15 21	1 0	27 23	3 53	11 56	12 17	28 8		n.a.
M14	4 32	20 45	5 3	1 2	0 18	4 5	0 26	12 10	0 32	17 15	1 0	23 19	0 47	4 3	0 34	15 21	1 0	27 24	3 53	11 57	12 18	28 8		n.a.
T 15	4 8	24 52	5 14	1 46	0 25	4 37	0 23	12 26	0 33	17 15	1 0	23 19	0 47	4 4	0 34	15 20	1 0	27 24	3 53	11 58	12 19	28 8		n.a.
W16	3 44	27 28	5 7	2 29	0 32	5 8	0 21	12 42	0 33	17 14	1 0	23 19	0 47	4 5	0 34	15 20	1 0	27 24	3 54	11 58	12 20	28 8		n.a.
T 17	3 21	28 19	4 41	3 12	0 39	5 40	0 18	12 58	0 34	17 14	1 0	23 19	0 47	4 7	0 34	15 19	1 0	27 24	3 54	11 58	12 21	28 8		n.a.
F 18	2 57	27 17	3 58	3 55	0 46	6 11	0 15	13 13	0 34	17 14	1 0	23 19	0 47	4 8	0 34	15 18	1 0	27 24	3 54	11 58	12 23	28 8		n.a.
S 19	2 33	24 31	3 1	4 37	0 53	6 42	0 13	13 29	0 35	17 13	1 0	23 19	0 47	4 10	0 34	15 18	1 0	27 24	3 54	11 57	12 24	28 8		n.a.
S 20	2 9	20 18	1 53	5 18	0 59	7 13	0 10	13 44	0 36	17 13	1 0	23 19	0 47	4 11	0 34	15 17	1 0	27 24	3 54	11 57	12 25	28 8		n.a.
M21	1 45	15 0	0 39	6 0	1 6	7 44	0 8	14 0	0 36	17 12	1 0	23 19	0 47	4 13	0 34	15 16	1 0	27 24	3 54	11 56	12 26	28 9		n.a.
T 22	1 21	9 1	0n36	6 40	1 13	8 15	0 5	14 15	0 37	17 12	1 0	23 19	0 47	4 14	0 34	15 16	1 0	27 25	3 55	11 56	12 27	28 9		n.a.
W23	0 57	2 43	1 48	7 21	1 20	8 45	0 2	14 30	0 38	17 11	1 0	23 19	0 47	4 16	0 34	15 15	1 0	27 25	3 55	11 57	12 28	28 9		n.a.
T 24	0 33	3n35	2 52	8 0	1 26	9 16	0s 1	14 46	0 38	17 10	1 0	23 19	0 47	4 17	0 34	15 15	1 0	27 25	3 55	11 58	12 29	28 9		n.a.
F 25	0 9	9 37	3 47	8 39	1 32	9 46	0 3	15 1	0 39	17 10	1 0	23 19	0 47	4 18	0 34	15 14	1 0	27 25	3 55	11 59	12 30	28 9		n.a.
S 26	0s15	15 7	4 28	9 18	1 39	10 16	0 6	15 16	0 39	17 9	1 0	23 19	0 47	4 20	0 34	15 13	1 0	27 25	3 55	12 1	12 31	28 9		n.a.
S 27	0 39	19 52	4 56	9 56	1 45	10 45	0 9	15 30	0 40	17 8	1 0	23 19	0 47	4 21	0 34	15 13	1 0	27 25	3 55	12 3	12 33	28 9		n.a.
M28	1 3	23 42	5 10	10 33	1 51	11 15	0 12	15 45	0 41	17 7	1 0	23 19	0 47	4 23	0 34	15 12	1 0	27 26	3 56	12 5	12 34	28 9		n.a.
T 29	1 27	26 26	5 9	11 9	1 57	11 44	0 14	16 0	0 41	17 6	1 0	23 19	0 47	4 24	0 34	15 12	1 0	27 26	3 56	12 7	12 35	28 9		n.a.
W30	1s51	27n57	4n55	11s45	2s 2	12s13	0s17	16s14	0s42	17n 5	1s 0	23s19	0s47	4s26	0n34	15n11	1n 0	27n26	3n56	12s 8	12s36	28n 9		n.a.

Julian Day Number = 1706691.5, Delta T = 03h02m49s
Ecliptic obliquity = 23°42'08, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°37'11, Lahiri = - 4°30'11 Julian Calendar 1 Sept. 41 BCE == Greg. Calendar 30 Aug. 041 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 41 BCE
geocentric

OCTOBER 41 BCE (-40) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 29 35	5♎37'28	28♊51	26♎32	2♏14	12♏38	20°R23	17♑31	12♎28	22♌18	7♋13	28°R26	27♒ 5	23♊19	n.a.	T 1
F 2	0 33 32	6°37'37	10♋43	27°51	3°28	13°23	20♉19	17°32	12°32	22°20	7°13	28°D26	27° 2	23°26	n.a.	F 2
S 3	0 37 28	7°37'48	22°40	29° 9	4°42	14° 7	20°15	17°33	12°36	22°21	7°13	28♒27	26°59	23°33	n.a.	S 3
S 4	0 41 25	8°38'01	4♌48	0♏26	5°56	14°52	20°10	17°34	12°39	22°23	7°13	28°29	26°56	23°40	n.a.	S 4
M 5	0 45 21	9°38'16	17°11	1°42	7°11	15°37	20° 6	17°35	12°43	22°25	7°13	28°30	26°53	23°46	n.a.	M 5
T 6	0 49 18	10°38'33	29°54	2°56	8°25	16°21	20° 1	17°36	12°47	22°26	7°13	28°R31	26°50	23°53	n.a.	T 6
W 7	0 53 14	11°38'52	12♍58	4° 8	9°39	17° 6	19°56	17°38	12°51	22°28	7°14	28°30	26°46	24° 0	n.a.	W 7
T 8	0 57 11	12°39'13	26°26	5°18	10°53	17°51	19°51	17°39	12°54	22°29	7°14	28°27	26°43	24° 6	n.a.	T 8
F 9	1 1 8	13°39'36	10♎16	6°26	12° 7	18°36	19°46	17°40	12°58	22°31	7°14	28°21	26°40	24°13	n.a.	F 9
S 10	1 5 4	14°40'01	24°25	7°31	13°21	19°21	19°41	17°42	13° 2	22°33	7°14	28°15	26°37	24°20	n.a.	S 10
S 11	1 9 1	15°40'28	8♏49	8°34	14°35	20° 6	19°35	17°44	13° 6	22°34	7°R14	28° 7	26°34	24°26	n.a.	S 11
M12	1 12 57	16°40'56	23°20	9°34	15°49	20°51	19°29	17°46	13° 9	22°36	7°14	27°59	26°30	24°33	n.a.	M12
T 13	1 16 54	17°41'26	7♐53	10°31	17° 3	21°36	19°23	17°47	13°13	22°37	7°14	27°52	26°27	24°40	n.a.	T 13
W14	1 20 50	18°41'58	22°21	11°23	18°17	22°22	19°17	17°50	13°17	22°38	7°14	27°47	26°24	24°47	n.a.	W14
T 15	1 24 47	19°42'31	6♑40	12°12	19°31	23° 7	19°11	17°52	13°21	22°40	7°14	27°44	26°21	24°53	n.a.	T 15
F 16	1 28 43	20°43'05	20°47	12°55	20°45	23°52	19° 5	17°54	13°24	22°41	7°13	27°D43	26°18	25° 0	n.a.	F 16
S 17	1 32 40	21°43'41	4♒42	13°33	21°59	24°38	18°59	17°56	13°28	22°43	7°13	27°44	26°15	25° 7	n.a.	S 17
S 18	1 36 37	22°44'17	18°23	14° 5	23°13	25°23	18°52	17°59	13°32	22°44	7°13	27°45	26°11	25°13	n.a.	S 18
M19	1 40 33	23°44'55	1♓52	14°30	24°27	26° 9	18°45	18° 1	13°36	22°45	7°13	27°R45	26° 8	25°20	n.a.	M19
T 20	1 44 30	24°45'35	15°10	14°47	25°41	26°54	18°38	18° 4	13°39	22°46	7°13	27°44	26° 5	25°27	n.a.	T 20
W21	1 48 26	25°46'15	28°17	14°57	26°54	27°40	18°32	18° 6	13°43	22°48	7°12	27°40	26° 2	25°34	n.a.	W21
T 22	1 52 23	26°46'57	11♈13	14°R57	28° 8	28°26	18°24	18° 9	13°47	22°49	7°12	27°33	25°59	25°40	n.a.	T 22
F 23	1 56 19	27°47'41	23°58	14°47	29°22	29°11	18°17	18°12	13°50	22°50	7°12	27°24	25°56	25°47	n.a.	F 23
S 24	2 0 16	28°48'25	6♉31	14°28	0♐36	29°57	18°10	18°15	13°54	22°51	7°11	27°12	25°52	25°54	n.a.	S 24
S 25	2 4 12	29°49'12	18°53	13°57	1°50	0♐43	18° 3	18°18	13°58	22°52	7°11	27° 0	25°49	26° 0	n.a.	S 25
M26	2 8 9	0♏50'00	1♊ 4	13°16	3° 3	1°29	17°55	18°21	14° 1	22°53	7°11	26°48	25°46	26° 7	n.a.	M26
T 27	2 12 6	1°50'49	13° 5	12°24	4°17	2°15	17°48	18°24	14° 5	22°55	7°10	26°37	25°43	26°14	n.a.	T 27
W28	2 16 2	2°51'40	24°59	11°23	5°31	3° 1	17°40	18°28	14° 9	22°56	7°10	26°29	25°40	26°20	n.a.	W28
T 29	2 19 59	3°52'32	6♋49	10°13	6°44	3°47	17°32	18°31	14°12	22°57	7° 9	26°22	25°36	26°27	n.a.	T 29
F 30	2 23 55	4°53'26	18°39	8°57	7°58	4°33	17°24	18°35	14°16	22°58	7° 9	26°19	25°33	26°34	n.a.	F 30
S 31	2 27 52	5♏54'21	0♌33	7♏36	9♐12	5♐19	17♉17	18♑38	14♎19	22♌58	7♋ 8	26♒17	25♒30	26♊41	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	2s15	28n10	4n29	12s20	2s 8	12s41	0s20	16s28	0s42	17n 4	1s 0	23s19	0s47	4s27	0n34	15n11	1n 0	27n26	3n56	12s 9	12s37	28n 9			n.a.
F 2	2 40	27 6	3 51	12 53	2 13	13 10	0 23	16 43	0 43	17 3	1 0	23 19	0 47	4 29	0 34	15 10	1 0	27 26	3 56	12 9	12 38	28 9			n.a.
S 3	3 4	24 46	3 2	13 26	2 18	13 38	0 25	16 57	0 43	17 2	1 1	23 19	0 47	4 30	0 34	15 10	1 0	27 26	3 57	12 8	12 39	28 9			n.a.
S 4	3 28	21 18	2 5	13 58	2 23	14 5	0 28	17 10	0 44	17 1	1 1	23 19	0 47	4 32	0 34	15 9	1 0	27 26	3 57	12 8	12 40	28 8			n.a.
M 5	3 52	16 49	1 1	14 29	2 27	14 33	0 31	17 24	0 45	16 59	1 1	23 19	0 47	4 33	0 34	15 9	1 0	27 27	3 57	12 7	12 41	28 8			n.a.
T 6	4 15	11 31	0s 7	14 59	2 31	15 0	0 34	17 38	0 45	16 58	1 1	23 18	0 47	4 35	0 34	15 8	1 0	27 27	3 57	12 7	12 42	28 8			n.a.
W 7	4 39	5 34	1 17	15 27	2 34	15 26	0 37	17 51	0 46	16 57	1 1	23 18	0 47	4 36	0 34	15 8	1 0	27 27	3 57	12 8	12 43	28 8			n.a.
T 8	5 3	0s47	2 25	15 54	2 38	15 53	0 39	18 5	0 46	16 55	1 1	23 18	0 47	4 38	0 34	15 7	1 0	27 27	3 57	12 9	12 45	28 8			n.a.
F 9	5 27	7 15	3 26	16 20	2 40	16 18	0 42	18 18	0 47	16 54	1 1	23 18	0 47	4 39	0 34	15 7	1 0	27 27	3 58	12 10	12 46	28 8			n.a.
S 10	5 51	13 31	4 15	16 44	2 43	16 44	0 45	18 31	0 47	16 52	1 1	23 18	0 47	4 41	0 34	15 6	1 0	27 28	3 58	12 13	12 47	28 8			n.a.
S 11	6 14	19 9	4 50	17 6	2 44	17 9	0 48	18 44	0 48	16 51	1 1	23 18	0 47	4 42	0 34	15 6	1 0	27 28	3 58	12 16	12 48	28 8			n.a.
M12	6 38	23 44	5 6	17 27	2 45	17 33	0 50	18 56	0 48	16 49	1 1	23 17	0 47	4 44	0 34	15 5	1 1	27 28	3 58	12 18	12 49	28 8			n.a.
T 13	7 1	26 50	5 2	17 45	2 46	17 57	0 53	19 9	0 49	16 48	1 1	23 17	0 47	4 45	0 34	15 5	1 1	27 28	3 58	12 21	12 50	28 8			n.a.
W14	7 24	28 8	4 39	18 2	2 45	18 21	0 56	19 21	0 49	16 46	1 1	23 17	0 47	4 47	0 34	15 4	1 1	27 28	3 58	12 22	12 51	28 7			n.a.
T 15	7 47	27 31	3 59	18 16	2 44	18 44	0 58	19 33	0 50	16 45	1 1	23 16	0 47	4 48	0 34	15 4	1 1	27 28	3 59	12 23	12 52	28 7			n.a.
F 16	8 11	25 7	3 5	18 27	2 42	19 7	1 1	19 45	0 50	16 43	1 1	23 16	0 47	4 50	0 34	15 3	1 1	27 29	3 59	12 24	12 53	28 7			n.a.
S 17	8 33	21 15	2 0	18 36	2 39	19 29	1 4	19 57	0 51	16 41	1 1	23 16	0 47	4 51	0 34	15 3	1 1	27 29	3 59	12 24	12 54	28 7			n.a.
S 18	8 56	16 17	0 50	18 42	2 35	19 51	1 6	20 9	0 51	16 39	1 1	23 16	0 47	4 52	0 34	15 3	1 1	27 29	3 59	12 23	12 55	28 7			n.a.
M19	9 19	10 35	0n22	18 44	2 29	20 12	1 9	20 20	0 52	16 37	1 0	23 15	0 47	4 54	0 34	15 2	1 1	27 29	3 59	12 23	12 57	28 7			n.a.
T 20	9 42	4 30	1 32	18 43	2 23	20 32	1 11	20 31	0 52	16 36	1 0	23 15	0 47	4 55	0 34	15 2	1 1	27 29	3 59	12 24	12 58	28 6			n.a.
W21	10 4	1n41	2 36	18 38	2 15	20 52	1 14	20 42	0 53	16 34	1 0	23 14	0 47	4 57	0 34	15 2	1 1	27 30	4 0	12 25	12 59	28 6			n.a.
T 22	10 26	7 42	3 30	18 29	2 5	21 12	1 16	20 53	0 53	16 32	1 0	23 14	0 47	4 58	0 34	15 1	1 1	27 30	4 0	12 27	13 0	28 6			n.a.
F 23	10 48	13 19	4 13	18 16	1 54	21 31	1 18	21 4	0 53	16 30	1 0	23 14	0 47	5 0	0 34	15 1	1 1	27 30	4 0	12 31	13 1	28 6			n.a.
S 24	11 10	18 17	4 43	17 58	1 41	21 49	1 21	21 14	0 54	16 28	1 0	23 13	0 47	5 1	0 34	15 0	1 1	27 30	4 0	12 34	13 2	28 6			n.a.
S 25	11 32	22 25	5 0	17 35	1 27	22 7	1 23	21 25	0 54	16 26	1 0	23 13	0 47	5 3	0 34	15 0	1 1	27 30	4 0	12 39	13 3	28 5			n.a.
M26	11 53	25 31	5 2	17 7	1 11	22 24	1 25	21 35	0 55	16 24	1 0	23 12	0 47	5 4	0 34	15 0	1 1	27 30	4 1	12 43	13 4	28 5			n.a.
T 27	12 15	27 25	4 50	16 34	0 53	22 40	1 28	21 44	0 55	16 22	1 0	23 12	0 47	5 5	0 34	14 59	1 1	27 31	4 1	12 47	13 5	28 5			n.a.
W28	12 36	28 3	4 26	15 57	0 34	22 56	1 30	21 54	0 56	16 20	1 0	23 12	0 47	5 7	0 34	14 59	1 1	27 31	4 1	12 50	13 6	28 5			n.a.
T 29	12 57	27 22	3 51	15 16	0 14	23 11	1 32	22 3	0 56	16 18	1 0	23 11	0 47	5 8	0 34	14 59	1 1	27 31	4 1	12 52	13 7	28 4			n.a.
F 30	13 18	25 27	3 6	14 33	0n 6	23 25	1 34	22 12	0 56	16 15	1 0	23 11	0 47	5 10	0 34	14 59	1 1	27 31	4 1	12 53	13 9	28 4			n.a.
S 31	13s38	22n24	2n12	13s47	0n27	23s39	1s36	22s21	0s57	16n13	1s 0	23s10	0s47	5s11	0n34	14n58	1n 1	27n31	4n 1	12s54	13s10	28n 4			n.a.

Julian Day Number = 1706721.5, Delta T = 03h02m48s
Ecliptic obliquity = 23°42'08, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°37'07, Lahiri = - 4°30'07 Julian Calendar 1 Oct. 41 BCE == Greg. Calendar 29 Sept. 041 BCE

The year -40 astronomical counting style corresponds to year 041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 41 BCE
geocentric

NOVEMBER 41 BCE (-40) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 31 48	6♏55'18	12♌37	6°R14	10♐25	6♐ 5	17°R 9	18♑42	14♎23	22♌59	7°R 8	26°D17	25♒27	26♊47	n.a.	S 1
M 2	2 35 45	7°56'16	24°57	4♏52	11°39	6°51	17♉ 1	18°46	14°27	23° 0	7♋ 7	26°R17	25°24	26°54	n.a.	M 2
T 3	2 39 41	8°57'16	7♍38	3°34	12°52	7°37	16°53	18°50	14°30	23° 1	7° 7	26♒17	25°21	27° 1	n.a.	T 3
W 4	2 43 38	9°58'17	20°43	2°23	14° 6	8°24	16°45	18°54	14°34	23° 2	7° 6	26°14	25°17	27° 7	n.a.	W 4
T 5	2 47 35	10°59'19	4♎16	1°20	15°19	9°10	16°36	18°58	14°37	23° 3	7° 5	26°10	25°14	27°14	n.a.	T 5
F 6	2 51 31	12° 0'22	18°18	0°27	16°33	9°56	16°28	19° 2	14°40	23° 3	7° 5	26° 2	25°11	27°21	n.a.	F 6
S 7	2 55 28	13° 1'26	2♏45	29♎44	17°46	10°43	16°20	19° 6	14°44	23° 4	7° 4	25°52	25° 8	27°28	n.a.	S 7
S 8	2 59 24	14° 2'32	17°32	29°13	19° 0	11°29	16°12	19°10	14°47	23° 5	7° 3	25°40	25° 5	27°34	n.a.	S 8
M 9	3 3 21	15° 3'39	2♐30	28°54	20°13	12°16	16° 4	19°15	14°51	23° 5	7° 3	25°28	25° 2	27°41	n.a.	M 9
T 10	3 7 17	16° 4'46	17°30	28°D45	21°26	13° 2	15°56	19°19	14°54	23° 6	7° 2	25°18	24°58	27°48	n.a.	T 10
W11	3 11 14	17° 5'54	2♑23	28°47	22°40	13°49	15°47	19°24	14°57	23° 7	7° 1	25° 9	24°55	27°54	n.a.	W11
T 12	3 15 11	18° 7'03	17° 0	28°59	23°53	14°36	15°39	19°28	15° 1	23° 7	7° 0	25° 4	24°52	28° 1	n.a.	T 12
F 13	3 19 7	19° 8'12	1♒18	29°20	25° 6	15°22	15°31	19°33	15° 4	23° 8	6°59	25° 1	24°49	28° 8	n.a.	F 13
S 14	3 23 4	20° 9'21	15°15	29°49	26°19	16° 9	15°23	19°38	15° 7	23° 8	6°59	25° 0	24°46	28°14	n.a.	S 14
S 15	3 27 0	21°10'31	28°52	0♏25	27°32	16°56	15°15	19°42	15°11	23° 9	6°58	25° 0	24°42	28°21	n.a.	S 15
M16	3 30 57	22°11'41	12♓10	1° 7	28°46	17°42	15° 7	19°47	15°14	23° 9	6°57	25° 0	24°39	28°28	n.a.	M16
T 17	3 34 53	23°12'51	25°11	1°56	29°59	18°29	14°59	19°52	15°17	23° 9	6°56	24°57	24°36	28°35	n.a.	T 17
W18	3 38 50	24°14'02	7♈59	2°49	1♑12	19°16	14°51	19°57	15°20	23°10	6°55	24°52	24°33	28°41	n.a.	W18
T 19	3 42 46	25°15'13	20°36	3°47	2°24	20° 3	14°43	20° 3	15°23	23°10	6°54	24°43	24°30	28°48	n.a.	T 19
F 20	3 46 43	26°16'24	3♉ 3	4°49	3°37	20°50	14°35	20° 8	15°26	23°10	6°53	24°32	24°27	28°55	n.a.	F 20
S 21	3 50 40	27°17'36	15°21	5°54	4°50	21°37	14°27	20°13	15°29	23°10	6°52	24°18	24°23	29° 1	n.a.	S 21
S 22	3 54 36	28°18'48	27°31	7° 3	6° 3	22°23	14°19	20°18	15°32	23°11	6°51	24° 3	24°20	29° 8	n.a.	S 22
M23	3 58 33	29°20'01	9♊34	8°14	7°16	23°10	14°12	20°24	15°35	23°11	6°50	23°49	24°17	29°15	n.a.	M23
T 24	4 2 29	0♐21'14	21°30	9°27	8°28	23°57	14° 4	20°29	15°38	23°11	6°49	23°35	24°14	29°21	n.a.	T 24
W25	4 6 26	1°22'27	3♋22	10°42	9°41	24°44	13°57	20°35	15°41	23°11	6°48	23°24	24°11	29°28	n.a.	W25
T 26	4 10 22	2°23'41	15°11	12° 0	10°53	25°31	13°49	20°40	15°44	23°11	6°47	23°15	24° 8	29°35	n.a.	T 26
F 27	4 14 19	3°24'55	27° 0	13°18	12° 6	26°19	13°42	20°46	15°47	23°R11	6°46	23°10	24° 4	29°42	n.a.	F 27
S 28	4 18 15	4°26'10	8♌53	14°38	13°18	27° 6	13°35	20°52	15°50	23°11	6°45	23° 7	24° 1	29°48	n.a.	S 28
S 29	4 22 12	5°27'25	20°55	16° 0	14°31	27°53	13°28	20°57	15°53	23°11	6°44	23°D 6	23°58	29°55	n.a.	S 29
M30	4 26 9	6♐28'40	3♍11	17♏22	15♑43	28♐40	13♉21	21♑ 3	15♎55	23♌11	6♋43	23°R 6	23♒55	0♋ 2	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s58	18n21	1n12	13s 0	0n47	23s52	1s38	22s30	0s57	16n11	1s 0	23s10	0s47	5s12	0n34	14n58	1n 1	27n32	4n 2	12s54	13s11	28n 4		n.a.
M 2	14 18	13 27	0 7	12 15	1 7	24 5	1 40	22 38	0 57	16 9	1 0	23 9	0 47	5 14	0 34	14 58	1 1	27 32	4 2	12 53	13 12	28 3		n.a.
T 3	14 38	7 53	1s 0	11 31	1 25	24 17	1 42	22 46	0 58	16 7	0 59	23 8	0 47	5 15	0 34	14 58	1 1	27 32	4 2	12 54	13 13	28 3		n.a.
W 4	14 58	1 48	2 6	10 51	1 41	24 28	1 44	22 54	0 58	16 5	0 59	23 8	0 47	5 17	0 34	14 57	1 1	27 32	4 2	12 54	13 14	28 3		n.a.
T 5	15 17	4s34	3 7	10 15	1 56	24 38	1 45	23 2	0 59	16 2	0 59	23 7	0 47	5 18	0 34	14 57	1 2	27 32	4 2	12 56	13 15	28 2		n.a.
F 6	15 36	10 55	3 58	9 45	2 9	24 47	1 47	23 9	0 59	16 0	0 59	23 7	0 47	5 19	0 34	14 57	1 2	27 33	4 2	12 59	13 16	28 2		n.a.
S 7	15 55	16 53	4 37	9 20	2 19	24 56	1 49	23 16	0 59	15 58	0 59	23 6	0 47	5 21	0 34	14 57	1 2	27 33	4 3	13 2	13 17	28 2		n.a.
S 8	16 14	22 0	4 57	9 1	2 28	25 4	1 50	23 23	1 0	15 56	0 59	23 6	0 47	5 22	0 34	14 57	1 2	27 33	4 3	13 6	13 18	28 1		n.a.
M 9	16 32	25 45	4 58	8 48	2 34	25 12	1 52	23 30	1 0	15 53	0 59	23 5	0 47	5 23	0 34	14 56	1 2	27 33	4 3	13 10	13 19	28 1		n.a.
T 10	16 50	27 44	4 38	8 41	2 39	25 18	1 53	23 36	1 0	15 51	0 59	23 4	0 47	5 25	0 34	14 56	1 2	27 33	4 3	13 14	13 20	28 1		n.a.
W11	17 8	27 41	4 0	8 39	2 41	25 24	1 54	23 43	1 1	15 49	0 59	23 4	0 47	5 26	0 34	14 56	1 2	27 34	4 3	13 17	13 21	28 0		n.a.
T 12	17 25	25 41	3 6	8 42	2 43	25 29	1 56	23 48	1 1	15 47	0 58	23 3	0 47	5 27	0 34	14 56	1 2	27 34	4 3	13 19	13 23	28 0		n.a.
F 13	17 42	22 4	2 2	8 50	2 42	25 33	1 57	23 54	1 1	15 44	0 58	23 2	0 47	5 28	0 34	14 56	1 2	27 34	4 3	13 19	13 24	27 59		n.a.
S 14	17 59	17 15	0 51	9 1	2 41	25 37	1 58	23 59	1 1	15 42	0 58	23 2	0 47	5 30	0 34	14 56	1 2	27 34	4 4	13 20	13 25	27 59		n.a.
S 15	18 15	11 41	0n20	9 16	2 39	25 40	1 59	24 5	1 2	15 40	0 58	23 1	0 47	5 31	0 34	14 56	1 2	27 34	4 4	13 20	13 26	27 59		n.a.
M16	18 31	5 42	1 29	9 34	2 35	25 42	2 0	24 9	1 2	15 38	0 58	23 0	0 47	5 32	0 34	14 56	1 2	27 35	4 4	13 20	13 27	27 58		n.a.
T 17	18 47	0n23	2 32	9 55	2 31	25 43	2 1	24 14	1 2	15 35	0 58	23 0	0 47	5 33	0 34	14 55	1 2	27 35	4 4	13 21	13 28	27 58		n.a.
W18	19 2	6 21	3 26	10 18	2 26	25 43	2 2	24 18	1 3	15 33	0 57	22 59	0 47	5 35	0 34	14 55	1 2	27 35	4 4	13 23	13 29	27 57		n.a.
T 19	19 17	11 58	4 9	10 43	2 21	25 43	2 2	24 22	1 3	15 31	0 57	22 58	0 47	5 36	0 34	14 55	1 2	27 35	4 4	13 25	13 30	27 57		n.a.
F 20	19 32	17 1	4 39	11 9	2 15	25 42	2 3	24 26	1 3	15 29	0 57	22 57	0 47	5 37	0 34	14 55	1 2	27 35	4 5	13 29	13 31	27 57		n.a.
S 21	19 46	21 19	4 56	11 37	2 9	25 40	2 4	24 29	1 3	15 27	0 57	22 56	0 47	5 38	0 34	14 55	1 2	27 36	4 5	13 34	13 32	27 56		n.a.
S 22	20 0	24 40	4 59	12 5	2 2	25 38	2 4	24 32	1 4	15 25	0 57	22 56	0 47	5 39	0 34	14 55	1 2	27 36	4 5	13 39	13 33	27 56		n.a.
M23	20 14	26 52	4 48	12 35	1 55	25 34	2 4	24 35	1 4	15 23	0 57	22 55	0 47	5 40	0 34	14 55	1 2	27 36	4 5	13 44	13 34	27 55		n.a.
T 24	20 27	27 50	4 25	13 5	1 48	25 30	2 5	24 38	1 4	15 20	0 56	22 54	0 47	5 42	0 34	14 55	1 2	27 36	4 5	13 48	13 35	27 55		n.a.
W25	20 40	27 30	3 51	13 36	1 41	25 25	2 5	24 40	1 4	15 18	0 56	22 53	0 47	5 43	0 34	14 55	1 2	27 36	4 5	13 52	13 36	27 54		n.a.
T 26	20 52	25 54	3 6	14 7	1 34	25 19	2 5	24 42	1 4	15 16	0 56	22 52	0 47	5 44	0 34	14 55	1 2	27 37	4 5	13 55	13 37	27 54		n.a.
F 27	21 4	23 10	2 13	14 38	1 26	25 13	2 5	24 44	1 5	15 14	0 56	22 52	0 47	5 45	0 34	14 55	1 3	27 37	4 5	13 57	13 39	27 53		n.a.
S 28	21 16	19 26	1 15	15 9	1 19	25 6	2 5	24 45	1 5	15 12	0 56	22 51	0 47	5 46	0 34	14 55	1 3	27 37	4 6	13 58	13 40	27 53		n.a.
S 29	21 27	14 52	0 12	15 41	1 11	24 58	2 5	24 46	1 5	15 10	0 55	22 50	0 47	5 47	0 34	14 55	1 3	27 37	4 6	13 58	13 41	27 52		n.a.
M30	21s38	9n37	0s53	16s12	1n 3	24s49	2s 4	24s47	1s 5	15n 9	0s55	22s49	0s47	5s48	0n34	14n55	1n 3	27n37	4n 6	13s58	13s42	27n52		n.a.

Julian Day Number = 1706752.5, Delta T = 03h02m47s
Ecliptic obliquity = 23°42'07, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°37'03, Lahiri = - 4°30'03 Julian Calendar 1 Nov. 41 BCE == Greg. Calendar 30 Oct. 041 BCE

The year -40 astronomical counting style corresponds to year 041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 41 BCE
geocentric

DECEMBER 41 BCE (-40) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 30 5	7♐29'55	15♍46	18♏46	16♑55	29♐27	13°R14	21♑ 9	15♎58	23°R11	6°R41	23°R 6	23♒52	0♋ 8	n.a.	T 1
W 2	4 34 2	8°31'11	28°45	20°10	18° 7	0♑14	13♉ 7	21°15	16° 1	23♏11	6♋40	23♒ 4	23°48	0°15	n.a.	W 2
T 3	4 37 58	9°32'27	12♎12	21°36	19°19	1° 1	13° 1	21°21	16° 3	23°11	6°39	23° 0	23°45	0°22	n.a.	T 3
F 4	4 41 55	10°33'44	26°10	23° 1	20°31	1°49	12°54	21°27	16° 6	23°10	6°38	22°54	23°42	0°28	n.a.	F 4
S 5	4 45 51	11°35'00	10♏38	24°28	21°43	2°36	12°48	21°33	16° 8	23°10	6°37	22°45	23°39	0°35	n.a.	S 5
S 6	4 49 48	12°36'17	25°31	25°55	22°55	3°23	12°42	21°39	16°11	23°10	6°35	22°34	23°36	0°42	n.a.	S 6
M 7	4 53 44	13°37'33	10♐42	27°23	24° 7	4°10	12°36	21°46	16°13	23°10	6°34	22°23	23°33	0°48	n.a.	M 7
T 8	4 57 41	14°38'50	25°59	28°52	25°18	4°58	12°30	21°52	16°16	23° 9	6°33	22°13	23°29	0°55	n.a.	T 8
W 9	5 1 38	15°40'06	11♑12	0♐21	26°30	5°45	12°24	21°58	16°18	23° 9	6°32	22° 5	23°26	1° 2	n.a.	W 9
T 10	5 5 34	16°41'22	26°10	1°50	27°42	6°32	12°18	22° 5	16°20	23° 8	6°31	22° 0	23°23	1° 9	n.a.	T 10
F 11	5 9 31	17°42'37	10♒47	3°21	28°53	7°20	12°13	22°11	16°23	23° 8	6°29	21°57	23°20	1°15	n.a.	F 11
S 12	5 13 27	18°43'51	24°58	4°51	0♒ 4	8° 7	12° 8	22°17	16°25	23° 7	6°28	21°D57	23°17	1°22	n.a.	S 12
S 13	5 17 24	19°45'05	8♓42	6°22	1°16	8°54	12° 3	22°24	16°27	23° 7	6°27	21°58	23°14	1°29	n.a.	S 13
M14	5 21 20	20°46'17	22° 2	7°54	2°27	9°42	11°58	22°30	16°29	23° 6	6°25	21°R58	23°10	1°35	n.a.	M14
T 15	5 25 17	21°47'29	5♈ 1	9°26	3°38	10°29	11°53	22°37	16°31	23° 6	6°24	21°57	23° 7	1°42	n.a.	T 15
W16	5 29 14	22°48'40	17°41	10°58	4°48	11°16	11°49	22°44	16°33	23° 5	6°23	21°54	23° 4	1°49	n.a.	W16
T 17	5 33 10	23°49'51	0♉ 7	12°31	5°59	12° 4	11°44	22°50	16°35	23° 5	6°21	21°48	23° 1	1°55	n.a.	T 17
F 18	5 37 7	24°51'00	12°22	14° 4	7°10	12°51	11°40	22°57	16°37	23° 4	6°20	21°40	22°58	2° 2	n.a.	F 18
S 19	5 41 3	25°52'09	24°28	15°38	8°20	13°38	11°36	23° 4	16°39	23° 3	6°19	21°30	22°54	2° 9	n.a.	S 19
S 20	5 45 0	26°53'17	6♊28	17°13	9°31	14°26	11°32	23°10	16°41	23° 2	6°17	21°19	22°51	2°16	n.a.	S 20
M21	5 48 56	27°54'24	18°23	18°48	10°41	15°13	11°29	23°17	16°43	23° 2	6°16	21° 8	22°48	2°22	n.a.	M21
T 22	5 52 53	28°55'30	0♋15	20°23	11°51	16° 1	11°25	23°24	16°45	23° 1	6°15	20°58	22°45	2°29	n.a.	T 22
W23	5 56 49	29°56'36	12° 5	22° 0	13° 1	16°48	11°22	23°31	16°46	23° 0	6°13	20°49	22°42	2°36	n.a.	W23
T 24	6 0 46	0♑57'41	23°56	23°36	14°11	17°35	11°19	23°38	16°48	22°59	6°12	20°43	22°39	2°42	n.a.	T 24
F 25	6 4 43	1°58'45	5♌48	25°13	15°21	18°23	11°16	23°45	16°50	22°58	6°11	20°40	22°35	2°49	n.a.	F 25
S 26	6 8 39	2°59'48	17°45	26°51	16°30	19°10	11°13	23°52	16°51	22°57	6° 9	20°D38	22°32	2°56	n.a.	S 26
S 27	6 12 36	4° 0'50	29°50	28°30	17°39	19°58	11°11	23°59	16°53	22°56	6° 8	20°39	22°29	3° 2	n.a.	S 27
M28	6 16 32	5° 1'52	12♍ 7	0♑ 9	18°49	20°45	11° 9	24° 6	16°54	22°55	6° 7	20°40	22°26	3° 9	n.a.	M28
T 29	6 20 29	6° 2'52	24°41	1°49	19°58	21°32	11° 7	24°13	16°56	22°54	6° 5	20°41	22°23	3°16	n.a.	T 29
W30	6 24 25	7° 3'52	7♎35	3°29	21° 7	22°20	11° 5	24°20	16°57	22°53	6° 4	20°R42	22°20	3°22	n.a.	W30
T 31	6 28 22	8♑ 4'51	20♎55	5♑10	22♒15	23♑ 7	11♉ 3	24♑27	16♎58	22♏52	6♋ 3	20♒41	22♒16	3♋29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	21s48	3n53	1s57	16s42	0n56	24s40	2s 4	24s47	1s 5	15n 7	0s55	22s48	0s48	5s49	0n34	14n56	1n 3	27n38	4n 6	13s58	13s43	27n51			n.a.
W 2	21 58	2s12	2 57	17 13	0 48	24 30	2 3	24 48	1 6	15 5	0 55	22 47	0 48	5 50	0 35	14 56	1 3	27 38	4 6	13 59	13 44	27 51			n.a.
T 3	22 7	8 23	3 49	17 43	0 40	24 19	2 3	24 48	1 6	15 3	0 54	22 46	0 48	5 51	0 35	14 56	1 3	27 38	4 6	14 0	13 45	27 50			n.a.
F 4	22 17	14 24	4 30	18 12	0 33	24 8	2 2	24 47	1 6	15 1	0 54	22 45	0 48	5 52	0 35	14 56	1 3	27 38	4 6	14 2	13 46	27 50			n.a.
S 5	22 25	19 50	4 55	18 41	0 25	23 55	2 1	24 47	1 6	15 0	0 54	22 44	0 48	5 53	0 35	14 56	1 3	27 38	4 7	14 5	13 47	27 49			n.a.
S 6	22 33	24 13	5 2	19 10	0 18	23 43	2 0	24 46	1 6	14 58	0 54	22 43	0 48	5 54	0 35	14 56	1 3	27 38	4 7	14 8	13 48	27 48			n.a.
M 7	22 41	27 1	4 47	19 38	0 10	23 29	1 59	24 44	1 6	14 56	0 54	22 42	0 48	5 55	0 35	14 56	1 3	27 39	4 7	14 12	13 49	27 48			n.a.
T 8	22 48	27 50	4 12	20 5	0 3	23 15	1 58	24 43	1 6	14 55	0 53	22 41	0 48	5 56	0 35	14 56	1 3	27 39	4 7	14 15	13 50	27 47			n.a.
W 9	22 55	26 31	3 19	20 31	0s 4	23 0	1 57	24 41	1 6	14 53	0 53	22 40	0 48	5 57	0 35	14 57	1 3	27 39	4 7	14 18	13 51	27 47			n.a.
T 10	23 2	23 19	2 13	20 57	0 11	22 45	1 56	24 39	1 7	14 52	0 53	22 39	0 48	5 58	0 35	14 57	1 3	27 39	4 7	14 20	13 52	27 46			n.a.
F 11	23 8	18 40	0 59	21 21	0 18	22 28	1 54	24 36	1 7	14 50	0 53	22 38	0 48	5 59	0 35	14 57	1 3	27 39	4 7	14 21	13 53	27 46			n.a.
S 12	23 13	13 5	0n16	21 45	0 25	22 12	1 53	24 34	1 7	14 49	0 52	22 37	0 48	5 59	0 35	14 57	1 3	27 40	4 7	14 21	13 54	27 45			n.a.
S 13	23 18	7 2	1 28	22 8	0 32	21 54	1 51	24 31	1 7	14 48	0 52	22 36	0 48	6 0	0 35	14 57	1 3	27 40	4 7	14 20	13 55	27 44			n.a.
M14	23 23	0 51	2 33	22 30	0 38	21 37	1 50	24 27	1 7	14 46	0 52	22 35	0 48	6 1	0 35	14 58	1 3	27 40	4 8	14 20	13 57	27 44			n.a.
T 15	23 27	5n12	3 29	22 51	0 45	21 18	1 48	24 24	1 7	14 45	0 52	22 34	0 48	6 2	0 35	14 58	1 3	27 40	4 8	14 21	13 58	27 43			n.a.
W16	23 30	10 54	4 12	23 10	0 51	20 59	1 46	24 20	1 7	14 44	0 51	22 33	0 48	6 3	0 35	14 58	1 3	27 40	4 8	14 22	13 59	27 42			n.a.
T 17	23 33	16 3	4 43	23 29	0 57	20 39	1 44	24 16	1 7	14 43	0 51	22 32	0 48	6 3	0 35	14 58	1 3	27 40	4 8	14 24	14 0	27 42			n.a.
F 18	23 36	20 28	5 1	23 47	1 3	20 19	1 42	24 11	1 7	14 42	0 51	22 31	0 48	6 4	0 35	14 59	1 3	27 41	4 8	14 26	14 1	27 41			n.a.
S 19	23 38	24 0	5 4	24 3	1 8	19 59	1 39	24 6	1 7	14 41	0 51	22 30	0 48	6 5	0 35	14 59	1 4	27 41	4 8	14 29	14 2	27 40			n.a.
S 20	23 40	26 27	4 54	24 18	1 14	19 38	1 37	24 1	1 7	14 40	0 50	22 29	0 48	6 6	0 35	14 59	1 4	27 41	4 8	14 33	14 3	27 40			n.a.
M21	23 41	27 42	4 31	24 32	1 19	19 16	1 35	23 56	1 7	14 39	0 50	22 27	0 48	6 6	0 35	14 59	1 4	27 41	4 8	14 37	14 4	27 39			n.a.
T 22	23 42	27 39	3 57	24 45	1 24	18 54	1 32	23 51	1 7	14 38	0 50	22 26	0 48	6 7	0 35	15 0	1 4	27 41	4 8	14 40	14 5	27 38			n.a.
W23	23 42	26 20	3 12	24 56	1 29	18 31	1 29	23 45	1 7	14 37	0 49	22 25	0 48	6 7	0 35	15 0	1 4	27 41	4 8	14 43	14 6	27 38			n.a.
T 24	23 42	23 50	2 19	25 6	1 33	18 8	1 27	23 39	1 7	14 37	0 49	22 24	0 48	6 8	0 35	15 0	1 4	27 41	4 8	14 45	14 7	27 37			n.a.
F 25	23 41	20 18	1 19	25 14	1 37	17 45	1 24	23 32	1 7	14 36	0 49	22 23	0 48	6 9	0 35	15 1	1 4	27 42	4 9	14 46	14 8	27 36			n.a.
S 26	23 40	15 56	0 16	25 21	1 41	17 21	1 21	23 25	1 7	14 35	0 49	22 22	0 48	6 9	0 35	15 1	1 4	27 42	4 9	14 46	14 9	27 35			n.a.
S 27	23 38	10 53	0s50	25 26	1 45	16 56	1 18	23 18	1 7	14 35	0 48	22 21	0 48	6 10	0 35	15 1	1 4	27 42	4 9	14 46	14 10	27 35			n.a.
M28	23 36	5 20	1 54	25 30	1 48	16 32	1 15	23 11	1 7	14 34	0 48	22 19	0 48	6 10	0 35	15 2	1 4	27 42	4 9	14 46	14 11	27 34			n.a.
T 29	23 34	0s31	2 54	25 32	1 51	16 7	1 11	23 4	1 7	14 34	0 48	22 18	0 48	6 11	0 35	15 2	1 4	27 42	4 9	14 45	14 12	27 33			n.a.
W30	23 31	6 30	3 47	25 33	1 54	15 41	1 8	22 56	1 7	14 34	0 48	22 17	0 49	6 11	0 35	15 2	1 4	27 42	4 9	14 45	14 13	27 33			n.a.
T 31	23s27	12s24	4s29	25s32	1s56	15s15	1s 4	22s48	1s 7	14n34	0s47	22s16	0s49	6s12	0n35	15n 3	1n 4	27n42	4n 9	14s45	14s14	27n32			n.a.

Julian Day Number = 1706782.5, Delta T = 03h02m46s
Ecliptic obliquity = 23°42'07, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°36'59, Lahiri = - 4°29'59 Julian Calendar 1 Dec. 41 BCE == Greg. Calendar 29 Nov. 041 BCE

The year -40 astronomical counting style corresponds to year 041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 40 BCE
geocentric

JANUARY 40 BCE (-39) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 32 18	9♑ 5'50	4♏41	6♑52	23♒24	23♑55	11°R 2	24♑34	17♎ 0	22°R51	6°R 1	20°R38	22♒13	3♋36	n.a.	F 1
S 2	6 36 15	10° 6'47	18°57	8°34	24°32	24°42	11♉ 1	24°41	17° 1	22♌50	6♋ 0	20♒34	22°10	3°43	n.a.	S 2
S 3	6 40 12	11° 7'44	3♐38	10°18	25°41	25°29	11° 0	24°48	17° 2	22°49	5°58	20°28	22° 7	3°49	n.a.	S 3
M 4	6 44 8	12° 8'40	18°40	12° 1	26°49	26°17	10°59	24°55	17° 3	22°48	5°57	20°22	22° 4	3°56	n.a.	M 4
T 5	6 48 5	13° 9'35	3♑55	13°46	27°56	27° 4	10°58	25° 3	17° 4	22°47	5°56	20°16	22° 0	4° 3	n.a.	T 5
W 6	6 52 1	14°10'28	19°12	15°31	29° 4	27°51	10°58	25°10	17° 5	22°46	5°54	20°12	21°57	4° 9	n.a.	W 6
T 7	6 55 58	15°11'20	4♒19	17°17	0♓11	28°39	10°58	25°17	17° 6	22°44	5°53	20° 9	21°54	4°16	n.a.	T 7
F 8	6 59 54	16°12'11	19° 9	19° 4	1°19	29°26	10°D58	25°24	17° 7	22°43	5°52	20°D 8	21°51	4°23	n.a.	F 8
S 9	7 3 51	17°13'00	3♓34	20°51	2°26	0♒13	10°58	25°31	17° 8	22°42	5°50	20° 9	21°48	4°29	n.a.	S 9
S 10	7 7 48	18°13'47	17°33	22°39	3°32	1° 1	10°58	25°39	17° 8	22°41	5°49	20°10	21°45	4°36	n.a.	S 10
M11	7 11 44	19°14'32	1♈ 3	24°27	4°39	1°48	10°59	25°46	17° 9	22°39	5°48	20°12	21°41	4°43	n.a.	M11
T 12	7 15 41	20°15'16	14° 8	26°16	5°45	2°35	11° 0	25°53	17°10	22°38	5°46	20°13	21°38	4°49	n.a.	T 12
W13	7 19 37	21°15'58	26°51	28° 6	6°51	3°22	11° 1	26° 0	17°10	22°37	5°45	20°R13	21°35	4°56	n.a.	W13
T 14	7 23 34	22°16'38	9♉16	29°55	7°57	4°10	11° 2	26° 8	17°11	22°35	5°44	20°12	21°32	5° 3	n.a.	T 14
F 15	7 27 30	23°17'16	21°26	1♒45	9° 2	4°57	11° 3	26°15	17°11	22°34	5°43	20° 9	21°29	5° 9	n.a.	F 15
S 16	7 31 27	24°17'53	3♊27	3°35	10° 8	5°44	11° 5	26°22	17°12	22°32	5°41	20° 5	21°26	5°16	n.a.	S 16
S 17	7 35 23	25°18'28	15°21	5°24	11°12	6°31	11° 7	26°30	17°12	22°31	5°40	20° 1	21°22	5°23	n.a.	S 17
M18	7 39 20	26°19'01	27°11	7°14	12°17	7°18	11° 9	26°37	17°12	22°30	5°39	19°57	21°19	5°30	n.a.	M18
T 19	7 43 17	27°19'32	9♋ 1	9° 2	13°21	8° 6	11°11	26°44	17°13	22°28	5°37	19°53	21°16	5°36	n.a.	T 19
W20	7 47 13	28°20'02	20°53	10°50	14°25	8°53	11°13	26°51	17°13	22°27	5°36	19°50	21°13	5°43	n.a.	W20
T 21	7 51 10	29°20'29	2♌47	12°37	15°29	9°40	11°16	26°59	17°13	22°25	5°35	19°48	21°10	5°50	n.a.	T 21
F 22	7 55 6	0♒20'55	14°47	14°22	16°32	10°27	11°19	27° 6	17°13	22°24	5°34	19°D47	21° 6	5°56	n.a.	F 22
S 23	7 59 3	1°21'20	26°54	16° 4	17°35	11°14	11°22	27°13	17°R13	22°22	5°33	19°47	21° 3	6° 3	n.a.	S 23
S 24	8 2 59	2°21'42	9♍11	17°45	18°38	12° 1	11°25	27°21	17°13	22°21	5°31	19°48	21° 0	6°10	n.a.	S 24
M25	8 6 56	3°22'03	21°38	19°22	19°40	12°48	11°28	27°28	17°13	22°19	5°30	19°49	20°57	6°16	n.a.	M25
T 26	8 10 52	4°22'22	4♎20	20°56	20°42	13°35	11°32	27°35	17°13	22°17	5°29	19°50	20°54	6°23	n.a.	T 26
W27	8 14 49	5°22'40	17°19	22°25	21°44	14°22	11°35	27°42	17°13	22°16	5°28	19°51	20°51	6°30	n.a.	W27
T 28	8 18 46	6°22'56	0♏37	23°50	22°45	15° 9	11°39	27°50	17°13	22°14	5°27	19°R52	20°47	6°36	n.a.	T 28
F 29	8 22 42	7°23'11	14°16	25°10	23°46	15°56	11°43	27°57	17°12	22°13	5°26	19°52	20°44	6°43	n.a.	F 29
S 30	8 26 39	8°23'24	28°18	26°23	24°46	16°43	11°48	28° 4	17°12	22°11	5°24	19°51	20°41	6°50	n.a.	S 30
S 31	8 30 35	9♒23'35	12♐41	27♒30	25♓46	17♒29	11♉52	28♑11	17♎12	22♌10	5♋23	19♒50	20♒38	6♋56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23 s23	17 s54	4 s58	25 s29	1 s58	14 s49	1 s 1	22 s40	1 s 7	14n33	0 s47	22 s14	0 s49	6 s12	0n35	15n 3	1n 4	27n43	4n 9	14 s46	14 s15	27n31		n.a.	F 1
S 2	23 19	22 36	5 10	25 25	2 0	14 23	0 57	22 31	1 7	14 33	0 47	22 13	0 49	6 13	0 35	15 4	1 4	27 43	4 9	14 48	14 16	27 30		n.a.	S 2
S 3	23 14	26 3	5 2	25 18	2 1	13 56	0 53	22 22	1 7	14 33	0 47	22 12	0 49	6 13	0 35	15 4	1 4	27 43	4 9	14 49	14 17	27 29		n.a.	S 3
M 4	23 8	27 45	4 33	25 10	2 2	13 29	0 49	22 13	1 7	14 33	0 46	22 11	0 49	6 14	0 35	15 4	1 4	27 43	4 9	14 51	14 19	27 29		n.a.	M 4
T 5	23 3	27 24	3 45	25 0	2 2	13 2	0 45	22 4	1 7	14 33	0 46	22 9	0 49	6 14	0 35	15 5	1 4	27 43	4 9	14 53	14 20	27 28		n.a.	T 5
W 6	22 56	24 58	2 41	24 48	2 2	12 34	0 41	21 54	1 7	14 33	0 46	22 8	0 49	6 14	0 35	15 5	1 4	27 43	4 9	14 55	14 21	27 27		n.a.	W 6
T 7	22 50	20 46	1 25	24 35	2 1	12 6	0 37	21 45	1 7	14 33	0 45	22 7	0 49	6 15	0 35	15 6	1 4	27 43	4 9	14 56	14 22	27 26		n.a.	T 7
F 8	22 42	15 20	0 5	24 19	2 0	11 38	0 33	21 35	1 6	14 34	0 45	22 6	0 49	6 15	0 35	15 6	1 4	27 43	4 9	14 56	14 23	27 25		n.a.	F 8
S 9	22 35	9 11	1n13	24 1	1 59	11 10	0 28	21 24	1 6	14 34	0 45	22 4	0 49	6 15	0 35	15 7	1 4	27 44	4 10	14 56	14 24	27 25		n.a.	S 9
S 10	22 27	2 46	2 24	23 42	1 57	10 41	0 24	21 14	1 6	14 34	0 45	22 3	0 49	6 16	0 35	15 7	1 4	27 44	4 10	14 55	14 25	27 24		n.a.	S 10
M11	22 18	3n33	3 25	23 20	1 54	10 12	0 19	21 3	1 6	14 35	0 44	22 2	0 49	6 16	0 35	15 8	1 4	27 44	4 10	14 55	14 26	27 23		n.a.	M11
T 12	22 9	9 31	4 14	22 57	1 51	9 43	0 14	20 52	1 6	14 35	0 44	22 0	0 49	6 16	0 35	15 8	1 4	27 44	4 10	14 54	14 27	27 22		n.a.	T 12
W13	22 0	14 55	4 48	22 31	1 47	9 14	0 9	20 41	1 6	14 36	0 44	21 59	0 49	6 16	0 35	15 9	1 4	27 44	4 10	14 54	14 28	27 21		n.a.	W13
T 14	21 50	19 35	5 8	22 4	1 43	8 45	0 5	20 29	1 6	14 37	0 44	21 58	0 49	6 16	0 36	15 9	1 4	27 44	4 10	14 55	14 29	27 20		n.a.	T 14
F 15	21 40	23 21	5 13	21 35	1 38	8 16	0n 0	20 18	1 6	14 37	0 43	21 56	0 49	6 17	0 36	15 9	1 4	27 44	4 10	14 56	14 30	27 19		n.a.	F 15
S 16	21 29	26 4	5 5	21 3	1 32	7 46	0 5	20 6	1 5	14 38	0 43	21 55	0 50	6 17	0 36	15 10	1 5	27 44	4 10	14 57	14 31	27 18		n.a.	S 16
S 17	21 19	27 35	4 44	20 31	1 26	7 17	0 11	19 54	1 5	14 39	0 43	21 54	0 50	6 17	0 36	15 10	1 5	27 44	4 10	14 58	14 32	27 18		n.a.	S 17
M18	21 7	27 50	4 10	19 56	1 19	6 47	0 16	19 42	1 5	14 40	0 43	21 52	0 50	6 17	0 36	15 11	1 5	27 44	4 10	14 59	14 33	27 17		n.a.	M18
T 19	20 55	26 49	3 26	19 20	1 11	6 17	0 21	19 29	1 5	14 41	0 42	21 51	0 50	6 17	0 36	15 11	1 5	27 45	4 10	15 1	14 34	27 16		n.a.	T 19
W20	20 43	24 34	2 33	18 42	1 2	5 47	0 27	19 16	1 5	14 42	0 42	21 50	0 50	6 17	0 36	15 12	1 5	27 45	4 10	15 2	14 35	27 15		n.a.	W20
T 21	20 31	21 15	1 32	18 3	0 53	5 17	0 32	19 4	1 4	14 43	0 42	21 48	0 50	6 17	0 36	15 13	1 5	27 45	4 10	15 2	14 36	27 14		n.a.	T 21
F 22	20 18	17 1	0 28	17 23	0 43	4 47	0 38	18 51	1 4	14 44	0 42	21 47	0 50	6 17	0 36	15 13	1 5	27 45	4 10	15 3	14 37	27 13		n.a.	F 22
S 23	20 5	12 4	0 s39	16 42	0 32	4 17	0 43	18 37	1 4	14 45	0 41	21 46	0 50	6 17	0 36	15 14	1 5	27 45	4 10	15 3	14 38	27 12		n.a.	S 23
S 24	19 51	6 36	1 45	16 1	0 21	3 48	0 49	18 24	1 4	14 46	0 41	21 44	0 50	6 17	0 36	15 14	1 5	27 45	4 10	15 2	14 39	27 11		n.a.	S 24
M25	19 37	0 48	2 47	15 19	0 9	3 18	0 55	18 10	1 4	14 47	0 41	21 43	0 50	6 17	0 36	15 15	1 5	27 45	4 10	15 2	14 40	27 10		n.a.	M25
T 26	19 23	5 s 8	3 42	14 37	0n 4	2 48	1 1	17 56	1 3	14 49	0 41	21 42	0 50	6 17	0 36	15 15	1 5	27 45	4 10	15 2	14 41	27 9		n.a.	T 26
W27	19 8	10 59	4 27	13 55	0 17	2 18	1 7	17 42	1 3	14 50	0 40	21 40	0 50	6 17	0 36	15 16	1 5	27 45	4 10	15 1	14 42	27 8		n.a.	W27
T 28	18 53	16 28	4 59	13 14	0 31	1 48	1 13	17 28	1 3	14 52	0 40	21 39	0 50	6 17	0 36	15 16	1 5	27 45	4 10	15 1	14 43	27 7		n.a.	T 28
F 29	18 38	21 18	5 15	12 34	0 46	1 18	1 19	17 14	1 3	14 53	0 40	21 37	0 51	6 17	0 36	15 17	1 5	27 45	4 10	15 1	14 44	27 6		n.a.	F 29
S 30	18 22	25 5	5 13	11 55	1 0	0 48	1 25	16 59	1 2	14 55	0 40	21 36	0 51	6 16	0 36	15 17	1 5	27 45	4 10	15 1	14 45	27 5		n.a.	S 30
S 31	18 s 6	27 s23	4 s52	11 s18	1n15	0 s18	1n31	16 s45	1 s 2	14n56	0 s39	21 s35	0 s51	6 s16	0n36	15n18	1n 5	27n45	4n10	15 s 2	14 s46	27n 4		n.a.	S 31

Julian Day Number = 1706813.5, Delta T = 03h02m45s
Ecliptic obliquity = 23°42'06, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°36'55, Lahiri = - 4°29'54 Julian Calendar 1 Jan. 40 BCE == Greg. Calendar 30 Dec. 041 BCE

The year -39 astronomical counting style corresponds to year 040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 40 BCE
geocentric

FEBRUARY 40 BCE (-39) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 34 32	10♒23'45	27♐22	28♒30	26♓45	18♒16	11♉57	28♏18	17°R11	22°R 8	5°R22	19°R49	20♒35	7♋ 3	n.a.	M 1
T 2	8 38 28	11°23'54	12♏17	29°22	27°44	19° 3	12° 1	28°26	17♎11	22♌ 6	5♋21	19♒48	20°32	7°10	n.a.	T 2
W 3	8 42 25	12°24'00	27°17	0♓ 5	28°43	19°50	12° 6	28°33	17°10	22° 5	5°20	19°47	20°28	7°17	n.a.	W 3
T 4	8 46 21	13°24'04	12♒15	0°41	29°41	20°37	12°11	28°40	17° 9	22° 3	5°19	19°47	20°25	7°23	n.a.	T 4
F 5	8 50 18	14°24'07	27° 2	1° 7	0♈38	21°23	12°17	28°47	17° 9	22° 1	5°18	19°D47	20°22	7°30	n.a.	F 5
S 6	8 54 15	15°24'07	11♓30	1°24	1°35	22°10	12°22	28°54	17° 8	22° 0	5°17	19°47	20°19	7°37	n.a.	S 6
S 7	8 58 11	16°24'05	25°35	1°R33	2°32	22°57	12°28	29° 1	17° 7	21°58	5°16	19°48	20°16	7°43	n.a.	S 7
M 8	9 2 8	17°24'01	9♈15	1°32	3°28	23°43	12°34	29° 8	17° 6	21°56	5°15	19°48	20°12	7°50	n.a.	M 8
T 9	9 6 4	18°23'54	22°28	1°22	4°23	24°30	12°40	29°15	17° 6	21°55	5°14	19°48	20° 9	7°57	n.a.	T 9
W10	9 10 1	19°23'46	5♉18	1° 4	5°18	25°16	12°46	29°22	17° 5	21°53	5°13	19°48	20° 6	8° 3	n.a.	W10
T 11	9 13 57	20°23'35	17°47	0°38	6°12	26° 3	12°52	29°29	17° 4	21°51	5°12	19°48	20° 3	8°10	n.a.	T 11
F 12	9 17 54	21°23'21	29°59	0° 4	7° 5	26°49	12°59	29°36	17° 3	21°50	5°11	19°48	20° 0	8°17	n.a.	F 12
S 13	9 21 50	22°23'06	11♊59	29♒24	7°58	27°36	13° 5	29°43	17° 2	21°48	5°11	19°48	19°57	8°23	n.a.	S 13
S 14	9 25 47	23°22'48	23°52	28°39	8°50	28°22	13°12	29°50	17° 1	21°46	5°10	19°49	19°53	8°30	n.a.	S 14
M15	9 29 44	24°22'28	5♋41	27°49	9°41	29° 9	13°19	29°57	16°59	21°45	5° 9	19°49	19°50	8°37	n.a.	M15
T 16	9 33 40	25°22'05	17°31	26°56	10°31	29°55	13°26	0♒ 4	16°58	21°43	5° 8	19°50	19°47	8°43	n.a.	T 16
W17	9 37 37	26°21'40	29°25	26° 1	11°21	0♓41	13°33	0°11	16°57	21°41	5° 7	19°50	19°44	8°50	n.a.	W17
T 18	9 41 33	27°21'13	11♌26	25° 5	12°10	1°27	13°40	0°17	16°56	21°40	5° 7	19°51	19°41	8°57	n.a.	T 18
F 19	9 45 30	28°20'43	23°37	24° 9	12°58	2°14	13°48	0°24	16°54	21°38	5° 6	19°R51	19°38	9° 3	n.a.	F 19
S 20	9 49 26	29°20'12	5♍58	23°15	13°45	3° 0	13°56	0°31	16°53	21°36	5° 5	19°50	19°34	9°10	n.a.	S 20
S 21	9 53 23	0♓19'38	18°32	22°24	14°31	3°46	14° 3	0°38	16°51	21°35	5° 4	19°49	19°31	9°17	n.a.	S 21
M22	9 57 19	1°19'02	1♎18	21°36	15°16	4°32	14°11	0°44	16°50	21°33	5° 4	19°48	19°28	9°23	n.a.	M22
T 23	10 1 16	2°18'24	14°18	20°52	16° 1	5°18	14°19	0°51	16°48	21°32	5° 3	19°46	19°25	9°30	n.a.	T 23
W24	10 5 12	3°17'45	27°33	20°13	16°44	6° 4	14°27	0°57	16°47	21°30	5° 2	19°45	19°22	9°37	n.a.	W24
T 25	10 9 9	4°17'03	11♏ 1	19°39	17°26	6°50	14°36	1° 4	16°45	21°28	5° 2	19°43	19°18	9°43	n.a.	T 25
F 26	10 13 6	5°16'20	24°44	19°11	18° 7	7°36	14°44	1°10	16°44	21°27	5° 1	19°42	19°15	9°50	n.a.	F 26
S 27	10 17 2	6°15'35	8♐40	18°48	18°47	8°22	14°53	1°17	16°42	21°25	5° 1	19°D42	19°12	9°57	n.a.	S 27
S 28	10 20 59	7♓14'48	22♐50	18♒31	19♈26	9♓ 7	15♉ 1	1♒23	16♎40	21♌24	5♋ 0	19♒42	19♒ 9	10♋ 3	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s50	27s52	4s12	10s43	1n30	0n11	1n38	16s30	1s 2	14n58	0s39	21s33	0s51	6s16	0n36	15n18	1n 5	27n45	4n10	15s 2	14s47	27n 3		n.a.
T 2	17 33	26 20	3 13	10 11	1 46	0 41	1 44	16 15	1 2	15 0	0 39	21 32	0 51	6 16	0 36	15 19	1 5	27 46	4 10	15 2	14 48	27 2		n.a.
W 3	17 16	22 55	2 2	9 41	2 0	1 10	1 50	16 0	1 1	15 1	0 39	21 31	0 51	6 16	0 36	15 20	1 5	27 46	4 10	15 2	14 49	27 1		n.a.
T 4	16 59	17 59	0 42	9 15	2 15	1 39	1 57	15 45	1 1	15 3	0 38	21 29	0 51	6 15	0 36	15 20	1 5	27 46	4 10	15 3	14 50	27 0		n.a.
F 5	16 41	12 1	0n40	8 52	2 29	2 8	2 3	15 29	1 1	15 5	0 38	21 28	0 51	6 15	0 36	15 21	1 5	27 46	4 10	15 3	14 51	26 59		n.a.
S 6	16 24	5 31	1 58	8 34	2 43	2 37	2 10	15 14	1 1	15 7	0 38	21 26	0 51	6 15	0 36	15 21	1 5	27 46	4 10	15 3	14 52	26 58		n.a.
S 7	16 6	1n 4	3 6	8 19	2 56	3 6	2 17	14 58	1 0	15 9	0 38	21 25	0 51	6 14	0 36	15 22	1 5	27 46	4 10	15 2	14 53	26 57		n.a.
M 8	15 47	7 24	4 2	8 8	3 7	3 35	2 23	14 42	1 0	15 11	0 37	21 24	0 51	6 14	0 36	15 22	1 5	27 46	4 10	15 2	14 54	26 56		n.a.
T 9	15 29	13 12	4 42	8 2	3 18	4 3	2 30	14 26	1 0	15 13	0 37	21 22	0 52	6 14	0 36	15 23	1 5	27 46	4 10	15 2	14 55	26 55		n.a.
W10	15 10	18 15	5 7	8 0	3 27	4 31	2 37	14 10	0 59	15 15	0 37	21 21	0 52	6 13	0 36	15 23	1 5	27 46	4 10	15 2	14 57	26 54		n.a.
T 11	14 51	22 23	5 17	8 2	3 34	4 59	2 44	13 54	0 59	15 17	0 37	21 19	0 52	6 13	0 36	15 24	1 5	27 46	4 10	15 2	14 58	26 53		n.a.
F 12	14 32	25 27	5 13	8 8	3 40	5 27	2 51	13 37	0 59	15 19	0 37	21 18	0 52	6 13	0 36	15 25	1 5	27 46	4 10	15 2	14 59	26 52		n.a.
S 13	14 12	27 20	4 54	8 18	3 44	5 54	2 57	13 21	0 58	15 22	0 36	21 17	0 52	6 12	0 36	15 25	1 5	27 46	4 10	15 2	15 0	26 51		n.a.
S 14	13 52	27 56	4 23	8 32	3 46	6 21	3 4	13 4	0 58	15 24	0 36	21 15	0 52	6 12	0 36	15 26	1 5	27 46	4 10	15 2	15 1	26 50		n.a.
M15	13 32	27 16	3 41	8 49	3 47	6 48	3 11	12 48	0 58	15 26	0 36	21 14	0 52	6 11	0 36	15 26	1 5	27 46	4 10	15 2	15 2	26 48		n.a.
T 16	13 12	25 21	2 50	9 9	3 45	7 15	3 18	12 31	0 57	15 29	0 36	21 13	0 52	6 11	0 36	15 27	1 5	27 46	4 10	15 2	15 3	26 47		n.a.
W17	12 52	22 18	1 51	9 31	3 41	7 41	3 25	12 14	0 57	15 31	0 35	21 11	0 52	6 10	0 36	15 27	1 5	27 46	4 10	15 2	15 4	26 46		n.a.
T 18	12 31	18 17	0 46	9 56	3 35	8 7	3 32	11 57	0 57	15 33	0 35	21 10	0 52	6 10	0 36	15 28	1 5	27 46	4 10	15 1	15 5	26 45		n.a.
F 19	12 11	13 28	0s21	10 21	3 28	8 32	3 39	11 40	0 56	15 36	0 35	21 8	0 53	6 9	0 36	15 28	1 5	27 46	4 10	15 1	15 6	26 44		n.a.
S 20	11 50	8 3	1 28	10 47	3 19	8 57	3 46	11 23	0 56	15 38	0 35	21 7	0 53	6 9	0 36	15 29	1 5	27 46	4 10	15 2	15 7	26 43		n.a.
S 21	11 29	2 15	2 32	11 14	3 8	9 22	3 53	11 6	0 55	15 41	0 35	21 6	0 53	6 8	0 36	15 30	1 5	27 46	4 10	15 2	15 8	26 42		n.a.
M22	11 7	3s44	3 30	11 41	2 57	9 46	4 0	10 48	0 55	15 43	0 34	21 4	0 53	6 7	0 36	15 30	1 5	27 46	4 10	15 2	15 9	26 40		n.a.
T 23	10 46	9 39	4 18	12 7	2 44	10 10	4 7	10 31	0 55	15 46	0 34	21 3	0 53	6 7	0 36	15 31	1 5	27 46	4 10	15 3	15 10	26 39		n.a.
W24	10 24	15 15	4 53	12 32	2 30	10 33	4 14	10 14	0 54	15 49	0 34	21 2	0 53	6 6	0 36	15 31	1 5	27 46	4 10	15 3	15 11	26 38		n.a.
T 25	10 3	20 14	5 13	12 56	2 16	10 56	4 21	9 56	0 54	15 51	0 34	21 0	0 53	6 6	0 36	15 32	1 5	27 46	4 10	15 4	15 12	26 37		n.a.
F 26	9 41	24 14	5 15	13 19	2 1	11 18	4 28	9 38	0 54	15 54	0 34	20 59	0 53	6 5	0 37	15 32	1 5	27 46	4 10	15 4	15 13	26 36		n.a.
S 27	9 19	26 55	4 59	13 40	1 47	11 40	4 35	9 21	0 53	15 57	0 33	20 58	0 53	6 4	0 37	15 33	1 5	27 46	4 10	15 4	15 14	26 35		n.a.
S 28	8s57	27s55	4s25	13s59	1n31	12n 2	4n42	9s 3	0s53	16n 0	0s33	20s56	0s54	6s 4	0n37	15n33	1n 5	27n46	4n10	15s 4	15s15	26n33		n.a.

Julian Day Number = 1706844.5, Delta T = 03h02m44s
Ecliptic obliquity = 23°42'06, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°36'51, Lahiri = - 4°29'50 Julian Calendar 1 Feb. 40 BCE == Greg. Calendar 30 Jan. 040 BCE

The year -39 astronomical counting style corresponds to year 040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 40 BCE
geocentric

MARCH 40 BCE (-39) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 24 55	8♓13'59	7♉11	18°R21	20♈ 3	9♓53	15♉10	1♒30	16°R38	21°R22	5°R 0	19♒44	19♒ 6	10♋10	n.a.	M 1
T 2	10 28 52	9°13'08	21°41	18°D15	20°39	10°39	15°19	1°36	16♎37	21♌20	4♋59	19°45	19° 3	10°17	n.a.	T 2
W 3	10 32 48	10°12'16	6♒15	18♒16	21°14	11°25	15°28	1°42	16°35	21°19	4°59	19°46	18°59	10°24	n.a.	W 3
T 4	10 36 45	11°11'21	20°48	18°22	21°48	12°10	15°37	1°48	16°33	21°17	4°58	19°R46	18°56	10°30	n.a.	T 4
F 5	10 40 41	12°10'24	5♓16	18°34	22°20	12°56	15°47	1°55	16°31	21°16	4°58	19°46	18°53	10°37	n.a.	F 5
S 6	10 44 38	13° 9'26	19°31	18°50	22°51	13°42	15°56	2° 1	16°29	21°14	4°58	19°44	18°50	10°44	n.a.	S 6
S 7	10 48 35	14° 8'25	3♈30	19°11	23°20	14°27	16° 6	2° 7	16°27	21°13	4°57	19°41	18°47	10°50	n.a.	S 7
M 8	10 52 31	15° 7'21	17° 7	19°37	23°47	15°13	16°15	2°13	16°25	21°11	4°57	19°37	18°43	10°57	n.a.	M 8
T 9	10 56 28	16° 6'16	0♉23	20° 8	24°13	15°58	16°25	2°19	16°23	21°10	4°57	19°33	18°40	11° 4	n.a.	T 9
W10	11 0 24	17° 5'08	13°16	20°42	24°38	16°43	16°35	2°25	16°21	21° 8	4°56	19°29	18°37	11°10	n.a.	W10
T 11	11 4 21	18° 3'58	25°48	21°21	25° 0	17°29	16°45	2°30	16°19	21° 7	4°56	19°26	18°34	11°17	n.a.	T 11
F 12	11 8 17	19° 2'46	8♊ 3	22° 3	25°20	18°14	16°55	2°36	16°17	21° 5	4°56	19°24	18°31	11°24	n.a.	F 12
S 13	11 12 14	20° 1'31	20° 5	22°49	25°39	18°59	17° 5	2°42	16°15	21° 4	4°56	19°D24	18°28	11°30	n.a.	S 13
S 14	11 16 10	21° 0'14	1♋58	23°39	25°56	19°44	17°15	2°48	16°12	21° 3	4°55	19°24	18°24	11°37	n.a.	S 14
M15	11 20 7	21°58'55	13°48	24°31	26°10	20°30	17°26	2°53	16°10	21° 1	4°55	19°26	18°21	11°44	n.a.	M15
T 16	11 24 4	22°57'33	25°39	25°27	26°23	21°15	17°36	2°59	16° 8	21° 0	4°55	19°27	18°18	11°50	n.a.	T 16
W17	11 28 0	23°56'10	7♌36	26°26	26°33	22° 0	17°47	3° 4	16° 6	20°58	4°55	19°29	18°15	11°57	n.a.	W17
T 18	11 31 57	24°54'43	19°43	27°27	26°41	22°45	17°57	3°10	16° 3	20°57	4°55	19°R30	18°12	12° 4	n.a.	T 18
F 19	11 35 53	25°53'15	2♍ 3	28°31	26°47	23°30	18° 8	3°15	16° 1	20°56	4°55	19°29	18° 9	12°10	n.a.	F 19
S 20	11 39 50	26°51'45	14°39	29°38	26°51	24°15	18°19	3°20	15°59	20°54	4°55	19°26	18° 5	12°17	n.a.	S 20
S 21	11 43 46	27°50'12	27°31	0♓47	26°R52	24°59	18°30	3°26	15°56	20°53	4°D55	19°22	18° 2	12°24	n.a.	S 21
M22	11 47 43	28°48'37	10♎41	1°59	26°51	25°44	18°41	3°31	15°54	20°52	4°55	19°16	17°59	12°30	n.a.	M22
T 23	11 51 39	29°47'01	24° 6	3°13	26°47	26°29	18°52	3°36	15°52	20°51	4°55	19°10	17°56	12°37	n.a.	T 23
W24	11 55 36	0♈45'23	7♏44	4°29	26°41	27°14	19° 3	3°41	15°49	20°50	4°55	19° 3	17°53	12°44	n.a.	W24
T 25	11 59 32	1°43'43	21°34	5°47	26°32	27°58	19°14	3°46	15°47	20°48	4°55	18°57	17°49	12°50	n.a.	T 25
F 26	12 3 29	2°42'01	5♐32	7° 8	26°21	28°43	19°26	3°51	15°44	20°47	4°55	18°52	17°46	12°57	n.a.	F 26
S 27	12 7 26	3°40'18	19°35	8°30	26° 8	29°27	19°37	3°56	15°42	20°46	4°55	18°50	17°43	13° 4	n.a.	S 27
S 28	12 11 22	4°38'34	3♑43	9°55	25°52	0♈12	19°49	4° 0	15°40	20°45	4°56	18°D49	17°40	13°10	n.a.	S 28
M29	12 15 19	5°36'47	17°53	11°21	25°34	0°56	20° 0	4° 5	15°37	20°44	4°56	18°49	17°37	13°17	n.a.	M29
T 30	12 19 15	6°34'59	2♒ 4	12°50	25°13	1°41	20°12	4°10	15°35	20°43	4°56	18°50	17°34	13°24	n.a.	T 30
W31	12 23 12	7♈33'10	16♒14	14♓20	24♈51	2♈25	20♉23	4♒14	15♎32	20♌42	4♋56	18°R51	17♒30	13♋30	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	8s34	27s 4	3s34	14s17	1n16	12n22	4n49	8s45	0s52	16n 2	0s33	20s55	0s54	6s 3	0n37	15n34	1n 5	27n46	4n10	15s 4	15s16	26n32			n.a.
T 2	8 12	24 23	2 29	14 33	1 2	12 43	4 56	8 27	0 52	16 5	0 33	20 54	0 54	6 2	0 37	15 34	1 5	27 46	4 10	15 3	15 17	26 31			n.a.
W 3	7 49	20 7	1 14	14 47	0 47	13 2	5 3	8 9	0 51	16 8	0 33	20 52	0 54	6 1	0 37	15 35	1 5	27 46	4 10	15 3	15 18	26 30			n.a.
T 4	7 27	14 38	0n 6	14 59	0 32	13 21	5 9	7 51	0 51	16 11	0 32	20 51	0 54	6 1	0 37	15 35	1 5	27 46	4 10	15 3	15 19	26 28			n.a.
F 5	7 4	8 23	1 24	15 8	0 18	13 40	5 16	7 33	0 51	16 14	0 32	20 50	0 54	6 0	0 37	15 36	1 5	27 46	4 10	15 3	15 20	26 27			n.a.
S 6	6 41	1 48	2 37	15 16	0 5	13 57	5 22	7 15	0 50	16 17	0 32	20 49	0 54	5 59	0 37	15 36	1 5	27 46	4 10	15 4	15 21	26 26			n.a.
S 7	6 18	4n44	3 38	15 22	0s 8	14 14	5 29	6 57	0 50	16 20	0 32	20 47	0 54	5 58	0 37	15 37	1 5	27 46	4 10	15 5	15 22	26 25			n.a.
M 8	5 55	10 52	4 25	15 26	0 21	14 30	5 35	6 39	0 49	16 23	0 32	20 46	0 55	5 58	0 37	15 37	1 5	27 46	4 10	15 6	15 23	26 23			n.a.
T 9	5 32	16 20	4 56	15 28	0 33	14 46	5 41	6 21	0 49	16 26	0 31	20 45	0 55	5 57	0 37	15 38	1 5	27 46	4 10	15 7	15 24	26 22			n.a.
W10	5 9	20 56	5 12	15 27	0 45	15 0	5 47	6 2	0 48	16 29	0 31	20 44	0 55	5 56	0 37	15 38	1 5	27 46	4 10	15 8	15 25	26 21			n.a.
T 11	4 46	24 27	5 12	15 25	0 56	15 14	5 53	5 44	0 48	16 32	0 31	20 42	0 55	5 55	0 37	15 39	1 5	27 46	4 10	15 9	15 26	26 20			n.a.
F 12	4 23	26 47	4 57	15 21	1 6	15 27	5 59	5 26	0 47	16 35	0 31	20 41	0 55	5 54	0 37	15 39	1 5	27 46	4 9	15 10	15 27	26 18			n.a.
S 13	4 0	27 49	4 30	15 16	1 16	15 39	6 4	5 7	0 47	16 38	0 31	20 40	0 55	5 54	0 37	15 40	1 5	27 46	4 9	15 10	15 28	26 17			n.a.
S 14	3 36	27 32	3 51	15 8	1 26	15 50	6 9	4 49	0 46	16 41	0 31	20 39	0 55	5 53	0 37	15 40	1 5	27 46	4 9	15 10	15 29	26 16			n.a.
M15	3 13	26 1	3 3	14 58	1 34	16 1	6 14	4 31	0 46	16 44	0 30	20 38	0 56	5 52	0 37	15 40	1 5	27 46	4 9	15 9	15 30	26 14			n.a.
T 16	2 49	23 19	2 7	14 47	1 43	16 10	6 19	4 12	0 46	16 47	0 30	20 37	0 56	5 51	0 37	15 41	1 5	27 46	4 9	15 9	15 31	26 13			n.a.
W17	2 26	19 37	1 5	14 34	1 50	16 18	6 24	3 54	0 45	16 50	0 30	20 35	0 56	5 50	0 37	15 41	1 5	27 46	4 9	15 8	15 32	26 12			n.a.
T 18	2 3	15 3	0s 1	14 19	1 57	16 25	6 28	3 35	0 45	16 53	0 30	20 34	0 56	5 49	0 37	15 42	1 5	27 46	4 9	15 8	15 33	26 10			n.a.
F 19	1 39	9 48	1 8	14 3	2 4	16 30	6 32	3 17	0 44	16 57	0 30	20 33	0 56	5 48	0 37	15 42	1 5	27 46	4 9	15 8	15 34	26 9			n.a.
S 20	1 16	4 4	2 13	13 45	2 10	16 35	6 35	2 59	0 44	17 0	0 29	20 32	0 56	5 47	0 37	15 43	1 5	27 46	4 9	15 9	15 35	26 8			n.a.
S 21	0 52	1s56	3 12	13 25	2 15	16 38	6 39	2 40	0 43	17 3	0 29	20 31	0 56	5 46	0 37	15 43	1 5	27 46	4 9	15 11	15 36	26 6			n.a.
M22	0 29	7 59	4 2	13 3	2 20	16 40	6 41	2 22	0 43	17 6	0 29	20 30	0 57	5 45	0 37	15 43	1 5	27 45	4 9	15 12	15 37	26 5			n.a.
T 23	0 5	13 47	4 40	12 40	2 24	16 41	6 44	2 3	0 42	17 10	0 29	20 29	0 57	5 45	0 37	15 44	1 5	27 45	4 9	15 14	15 37	26 4			n.a.
W24	0n18	19 1	5 3	12 15	2 27	16 41	6 46	1 45	0 42	17 13	0 29	20 28	0 57	5 44	0 37	15 44	1 5	27 45	4 9	15 17	15 38	26 2			n.a.
T 25	0 42	23 19	5 9	11 49	2 30	16 39	6 47	1 27	0 41	17 16	0 29	20 27	0 57	5 43	0 37	15 44	1 5	27 45	4 9	15 18	15 39	26 1			n.a.
F 26	1 5	26 19	4 56	11 21	2 33	16 35	6 48	1 8	0 41	17 19	0 29	20 26	0 57	5 42	0 37	15 45	1 5	27 45	4 9	15 20	15 40	26 0			n.a.
S 27	1 28	27 42	4 26	10 51	2 35	16 31	6 48	0 50	0 40	17 23	0 28	20 25	0 57	5 41	0 37	15 45	1 5	27 45	4 9	15 21	15 41	25 58			n.a.
S 28	1 52	27 18	3 39	10 20	2 36	16 24	6 48	0 31	0 40	17 26	0 28	20 24	0 57	5 40	0 37	15 46	1 5	27 45	4 9	15 21	15 42	25 57			n.a.
M29	2 15	25 7	2 39	9 47	2 37	16 17	6 47	0 13	0 39	17 29	0 28	20 23	0 58	5 39	0 37	15 46	1 5	27 45	4 9	15 21	15 43	25 55			n.a.
T 30	2 38	21 22	1 29	9 13	2 37	16 8	6 45	0n 5	0 38	17 32	0 28	20 22	0 58	5 38	0 37	15 46	1 5	27 45	4 9	15 20	15 44	25 54			n.a.
W31	3n 2	16s22	0s14	8s38	2s36	15n57	6n43	0n24	0s38	17n36	0s28	20s21	0s58	5s37	0n37	15n47	1n 5	27n45	4n 9	15s20	15s45	25n53			n.a.

Julian Day Number = 1706872.5, Delta T = 03h02m44s
Ecliptic obliquity = 23°42'07, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°36'47, Lahiri = - 4°29'46 Julian Calendar 1 March 40 BCE == Greg. Calendar 27 Feb. 040 BCE

The year -39 astronomical counting style corresponds to year 040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 40 BCE
geocentric

APRIL 40 BCE (-39) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 27 8	8♈31'19	0♓21	15♓53	24°R26	3♈ 9	20♉35	4♒19	15°R30	20°R41	4♋57	18°R51	17♒27	13♋37	n.a.	T 1
F 2	12 31 5	9°29'26	14°22	17°27	23♈59	3°54	20°47	4°23	15♎27	20♏40	4°57	18♒48	17°24	13°44	n.a.	F 2
S 3	12 35 1	10°27'32	28°13	19° 3	23°30	4°38	20°59	4°28	15°25	20°39	4°57	18°43	17°21	13°50	n.a.	S 3
S 4	12 38 58	11°25'36	11♈53	20°41	22°59	5°22	21°11	4°32	15°22	20°38	4°58	18°36	17°18	13°57	n.a.	S 4
M 5	12 42 55	12°23'38	25°17	22°21	22°27	6° 6	21°23	4°36	15°19	20°37	4°58	18°27	17°15	14° 4	n.a.	M 5
T 6	12 46 51	13°21'39	8♉24	24° 3	21°53	6°50	21°35	4°40	15°17	20°36	4°58	18°18	17°11	14°10	n.a.	T 6
W 7	12 50 48	14°19'37	21°12	25°46	21°18	7°34	21°47	4°44	15°14	20°35	4°59	18° 8	17° 8	14°17	n.a.	W 7
T 8	12 54 44	15°17'34	3♊42	27°32	20°42	8°18	22° 0	4°48	15°12	20°34	4°59	18° 0	17° 5	14°24	n.a.	T 8
F 9	12 58 41	16°15'29	15°56	29°19	20° 5	9° 2	22°12	4°52	15° 9	20°34	5° 0	17°54	17° 2	14°30	n.a.	F 9
S 10	13 2 37	17°13'23	27°58	1♈ 9	19°27	9°46	22°24	4°56	15° 7	20°33	5° 0	17°50	16°59	14°37	n.a.	S 10
S 11	13 6 34	18°11'14	9♋51	3° 0	18°49	10°29	22°37	4°59	15° 4	20°32	5° 1	17°48	16°55	14°44	n.a.	S 11
M12	13 10 30	19° 9'04	21°41	4°53	18°11	11°13	22°49	5° 3	15° 2	20°32	5° 1	17°D47	16°52	14°50	n.a.	M12
T 13	13 14 27	20° 6'51	3♌32	6°48	17°34	11°57	23° 2	5° 6	14°59	20°31	5° 2	17°48	16°49	14°57	n.a.	T 13
W14	13 18 24	21° 4'37	15°30	8°45	16°56	12°40	23°14	5°10	14°57	20°30	5° 3	17°R48	16°46	15° 4	n.a.	W14
T 15	13 22 20	22° 2'21	27°40	10°43	16°19	13°24	23°27	5°13	14°54	20°30	5° 3	17°48	16°43	15°10	n.a.	T 15
F 16	13 26 17	23° 0'04	10♍ 7	12°44	15°43	14° 7	23°40	5°16	14°52	20°29	5° 4	17°46	16°40	15°17	n.a.	F 16
S 17	13 30 13	23°57'44	22°54	14°46	15° 8	14°51	23°52	5°20	14°49	20°28	5° 5	17°41	16°36	15°24	n.a.	S 17
S 18	13 34 10	24°55'24	6♎ 2	16°50	14°35	15°34	24° 5	5°23	14°47	20°28	5° 5	17°34	16°33	15°30	n.a.	S 18
M19	13 38 6	25°53'01	19°31	18°55	14° 3	16°17	24°18	5°26	14°44	20°27	5° 6	17°25	16°30	15°37	n.a.	M19
T 20	13 42 3	26°50'37	3♏21	21° 2	13°32	17° 1	24°31	5°29	14°42	20°27	5° 7	17°14	16°27	15°44	n.a.	T 20
W21	13 45 59	27°48'12	17°26	23°10	13° 4	17°44	24°44	5°31	14°39	20°27	5° 8	17° 3	16°24	15°50	n.a.	W21
T 22	13 49 56	28°45'46	1♐42	25°19	12°37	18°27	24°57	5°34	14°37	20°26	5° 8	16°54	16°20	15°57	n.a.	T 22
F 23	13 53 53	29°43'19	16° 3	27°29	12°13	19°10	25°10	5°37	14°34	20°26	5° 9	16°46	16°17	16° 4	n.a.	F 23
S 24	13 57 49	0♑40'51	0♑25	29°40	11°50	19°53	25°23	5°39	14°32	20°25	5°10	16°40	16°14	16°10	n.a.	S 24
S 25	14 1 46	1°38'22	14°42	1♑51	11°30	20°36	25°36	5°42	14°30	20°25	5°11	16°37	16°11	16°17	n.a.	S 25
M26	14 5 42	2°35'51	28°54	4° 3	11°13	21°19	25°49	5°44	14°27	20°25	5°12	16°D37	16° 8	16°24	n.a.	M26
T 27	14 9 39	3°33'20	12♒57	6°14	10°57	22° 2	26° 2	5°46	14°25	20°25	5°13	16°R37	16° 5	16°30	n.a.	T 27
W28	14 13 35	4°30'48	26°52	8°25	10°45	22°45	26°15	5°49	14°23	20°24	5°14	16°36	16° 1	16°37	n.a.	W28
T 29	14 17 32	5°28'15	10♓38	10°36	10°34	23°28	26°28	5°51	14°20	20°24	5°15	16°35	15°58	16°44	n.a.	T 29
F 30	14 21 28	6♉25'42	24♓15	12♉46	10♈26	24♈11	26♉42	5♒53	14♎18	20♏24	5♋16	16♒30	15♒55	16♋50	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	3n25	10s31	1n 2	8s 1	2s35	15n45	6n40	0n42	0s37	17n39	0s28	20s20	0s58	5s36	0n37	15n47	1n 5	27n45	4n 9	15s20	15s46	25n51			n.a.
F 2	3 48	4 11	2 13	7 22	2 34	15 31	6 36	1 0	0 37	17 42	0 27	20 19	0 58	5 35	0 37	15 47	1 5	27 45	4 9	15 21	15 47	25 50			n.a.
S 3	4 11	2n16	3 15	6 42	2 32	15 16	6 32	1 18	0 36	17 46	0 27	20 18	0 58	5 34	0 37	15 47	1 5	27 45	4 9	15 23	15 48	25 48			n.a.
S 4	4 34	8 30	4 6	6 1	2 29	15 0	6 27	1 36	0 36	17 49	0 27	20 17	0 59	5 33	0 37	15 48	1 5	27 45	4 9	15 25	15 49	25 47			n.a.
M 5	4 57	14 14	4 41	5 18	2 26	14 42	6 21	1 55	0 35	17 52	0 27	20 16	0 59	5 32	0 37	15 48	1 5	27 45	4 9	15 28	15 50	25 45			n.a.
T 6	5 20	19 12	5 1	4 34	2 22	14 23	6 14	2 13	0 35	17 56	0 27	20 15	0 59	5 31	0 37	15 48	1 5	27 45	4 9	15 31	15 51	25 44			n.a.
W 7	5 43	23 9	5 5	3 48	2 18	14 3	6 7	2 31	0 34	17 59	0 27	20 15	0 59	5 30	0 37	15 49	1 5	27 45	4 8	15 34	15 52	25 42			n.a.
T 8	6 5	25 56	4 54	3 1	2 13	13 41	5 59	2 49	0 34	18 2	0 27	20 14	0 59	5 29	0 37	15 49	1 5	27 45	4 8	15 36	15 53	25 41			n.a.
F 9	6 28	27 25	4 30	2 13	2 8	13 19	5 50	3 7	0 33	18 6	0 26	20 13	0 59	5 28	0 37	15 49	1 5	27 45	4 8	15 38	15 54	25 39			n.a.
S 10	6 50	27 35	3 54	1 24	2 2	12 56	5 40	3 25	0 32	18 9	0 26	20 12	1 0	5 27	0 37	15 49	1 5	27 45	4 8	15 39	15 55	25 38			n.a.
S 11	7 12	26 28	3 9	0 34	1 56	12 31	5 30	3 42	0 32	18 12	0 26	20 12	1 0	5 26	0 37	15 49	1 5	27 44	4 8	15 40	15 56	25 36			n.a.
M12	7 35	24 9	2 15	0n18	1 49	12 7	5 19	4 0	0 31	18 16	0 26	20 11	1 0	5 25	0 37	15 50	1 5	27 44	4 8	15 40	15 57	25 35			n.a.
T 13	7 57	20 48	1 16	1 11	1 41	11 41	5 8	4 18	0 31	18 19	0 26	20 10	1 0	5 24	0 37	15 50	1 5	27 44	4 8	15 40	15 58	25 33			n.a.
W14	8 19	16 34	0 12	2 4	1 34	11 16	4 56	4 36	0 30	18 22	0 26	20 9	1 0	5 23	0 37	15 50	1 5	27 44	4 8	15 40	15 59	25 32			n.a.
T 15	8 41	11 36	0s52	2 59	1 25	10 50	4 43	4 53	0 30	18 26	0 26	20 9	1 0	5 22	0 37	15 50	1 5	27 44	4 8	15 40	16 0	25 30			n.a.
F 16	9 2	6 4	1 56	3 55	1 17	10 24	4 31	5 11	0 29	18 29	0 25	20 8	1 1	5 21	0 37	15 50	1 5	27 44	4 8	15 41	16 1	25 29			n.a.
S 17	9 24	0 10	2 55	4 51	1 7	9 58	4 17	5 28	0 29	18 32	0 25	20 8	1 1	5 20	0 37	15 51	1 5	27 44	4 8	15 42	16 2	25 27			n.a.
S 18	9 45	5s53	3 47	5 47	0 58	9 33	4 4	5 46	0 28	18 36	0 25	20 7	1 1	5 19	0 37	15 51	1 5	27 44	4 8	15 44	16 3	25 26			n.a.
M19	10 6	11 50	4 27	6 45	0 48	9 7	3 50	6 3	0 27	18 39	0 25	20 6	1 1	5 18	0 37	15 51	1 5	27 44	4 8	15 47	16 4	25 24			n.a.
T 20	10 27	17 21	4 53	7 42	0 38	8 43	3 36	6 21	0 27	18 42	0 25	20 6	1 1	5 17	0 37	15 51	1 5	27 44	4 8	15 50	16 5	25 23			n.a.
W21	10 48	22 2	5 2	8 40	0 28	8 18	3 22	6 38	0 26	18 46	0 25	20 5	1 1	5 17	0 37	15 51	1 5	27 44	4 8	15 54	16 6	25 21			n.a.
T 22	11 9	25 29	4 52	9 38	0 17	7 55	3 8	6 55	0 26	18 49	0 25	20 5	1 2	5 16	0 37	15 51	1 4	27 44	4 8	15 57	16 7	25 20			n.a.
F 23	11 30	27 20	4 24	10 35	0 7	7 32	2 54	7 12	0 25	18 52	0 24	20 4	1 2	5 15	0 37	15 51	1 4	27 44	4 8	15 59	16 8	25 18			n.a.
S 24	11 50	27 21	3 39	11 32	0n 4	7 10	2 40	7 29	0 24	18 55	0 24	20 4	1 2	5 14	0 37	15 51	1 4	27 44	4 8	16 1	16 9	25 16			n.a.
S 25	12 10	25 32	2 41	12 28	0 14	6 50	2 26	7 46	0 24	18 59	0 24	20 3	1 2	5 13	0 37	15 51	1 4	27 44	4 8	16 2	16 10	25 15			n.a.
M26	12 30	22 7	1 32	13 24	0 25	6 30	2 12	8 3	0 23	19 2	0 24	20 3	1 2	5 12	0 37	15 51	1 4	27 44	4 8	16 2	16 11	25 13			n.a.
T 27	12 50	17 25	0 19	14 18	0 35	6 11	1 58	8 19	0 23	19 5	0 24	20 3	1 3	5 11	0 37	15 52	1 4	27 43	4 8	16 2	16 11	25 12			n.a.
W28	13 10	11 51	0n54	15 11	0 45	5 54	1 44	8 36	0 22	19 8	0 24	20 2	1 3	5 10	0 36	15 52	1 4	27 43	4 8	16 2	16 12	25 10			n.a.
T 29	13 29	5 45	2 4	16 2	0 55	5 37	1 31	8 53	0 21	19 12	0 24	20 2	1 3	5 9	0 36	15 52	1 4	27 43	4 8	16 2	16 13	25 8			n.a.
F 30	13n49	0n31	3n 5	16n51	1n 4	5n22	1n18	9n 9	0s21	19n15	0s24	20s 2	1s 3	5s 8	0n36	15n52	1n 4	27n43	4n 8	16s 4	16s14	25n 7			n.a.

Julian Day Number = 1706903.5, Delta T = 03h02m43s
Ecliptic obliquity = 23°42'07, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°36'43, Lahiri = - 4°29'42 Julian Calendar 1 Apr. 40 BCE == Greg. Calendar 30 March 040 BCE

The year -39 astronomical counting style corresponds to year 040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 40 BCE
geocentric

MAY 40 BCE (-39) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 25 25	7♉23'07	7♈43	14♉54	10°R20	24♈53	26♉55	5♒55	14°R16	20°R24	5♋17	16°R24	15♒52	16♋57	n.a.	S 1
S 2	14 29 22	8°20'32	20°59	17° 1	10♈17	25°36	27° 8	5°56	14♎14	20♏24	5°18	16♒14	15°49	17° 4	n.a.	S 2
M 3	14 33 18	9°17'55	4♉ 3	19° 7	10°D16	26°19	27°21	5°58	14°11	20°24	5°19	16° 2	15°46	17°10	n.a.	M 3
T 4	14 37 15	10°15'18	16°53	21°11	10°18	27° 1	27°35	6° 0	14° 9	20°D24	5°20	15°49	15°42	17°17	n.a.	T 4
W 5	14 41 11	11°12'40	29°29	23°13	10°22	27°44	27°48	6° 1	14° 7	20°24	5°21	15°36	15°39	17°24	n.a.	W 5
T 6	14 45 8	12°10'00	11♊51	25°13	10°27	28°26	28° 2	6° 3	14° 5	20°24	5°22	15°25	15°36	17°30	n.a.	T 6
F 7	14 49 4	13° 7'20	24° 0	27°10	10°36	29° 8	28°15	6° 4	14° 3	20°24	5°23	15°15	15°33	17°37	n.a.	F 7
S 8	14 53 1	14° 4'39	5♋58	29° 6	10°46	29°51	28°28	6° 5	14° 1	20°24	5°24	15° 8	15°30	17°44	n.a.	S 8
S 9	14 56 57	15° 1'57	17°49	0♊59	10°58	0♉33	28°42	6° 6	13°59	20°24	5°25	15° 4	15°26	17°50	n.a.	S 9
M10	15 0 54	15°59'13	29°38	2°49	11°13	1°15	28°55	6° 7	13°57	20°24	5°27	15° 2	15°23	17°57	n.a.	M10
T 11	15 4 51	16°56'29	11♌28	4°37	11°29	1°57	29° 9	6° 8	13°55	20°25	5°28	15° 2	15°20	18° 4	n.a.	T 11
W12	15 8 47	17°53'44	23°25	6°23	11°47	2°40	29°22	6° 9	13°53	20°25	5°29	15° 2	15°17	18°10	n.a.	W12
T 13	15 12 44	18°50'57	5♍36	8° 6	12° 7	3°22	29°36	6°10	13°51	20°25	5°30	15° 1	15°14	18°17	n.a.	T 13
F 14	15 16 40	19°48'10	18° 4	9°46	12°29	4° 4	29°49	6°10	13°49	20°25	5°31	14°59	15°11	18°24	n.a.	F 14
S 15	15 20 37	20°45'21	0♎55	11°24	12°52	4°46	0♊ 3	6°11	13°47	20°26	5°33	14°54	15° 7	18°30	n.a.	S 15
S 16	15 24 33	21°42'32	14°11	13° 0	13°17	5°27	0°17	6°11	13°45	20°26	5°34	14°47	15° 4	18°37	n.a.	S 16
M17	15 28 30	22°39'43	27°53	14°32	13°44	6° 9	0°30	6°12	13°43	20°26	5°35	14°38	15° 1	18°44	n.a.	M17
T 18	15 32 26	23°36'52	12♏ 0	16° 2	14°12	6°51	0°44	6°12	13°42	20°27	5°37	14°27	14°58	18°50	n.a.	T 18
W19	15 36 23	24°34'01	26°26	17°30	14°42	7°33	0°57	6°12	13°40	20°27	5°38	14°16	14°55	18°57	n.a.	W19
T 20	15 40 20	25°31'10	11♐ 7	18°55	15°13	8°14	1°11	6°R12	13°38	20°28	5°39	14° 5	14°52	19° 4	n.a.	T 20
F 21	15 44 16	26°28'18	25°53	20°17	15°46	8°56	1°25	6°12	13°37	20°28	5°41	13°57	14°48	19°10	n.a.	F 21
S 22	15 48 13	27°25'27	10♑37	21°36	16°20	9°38	1°38	6°12	13°35	20°29	5°42	13°51	14°45	19°17	n.a.	S 22
S 23	15 52 9	28°22'35	25°13	22°52	16°55	10°19	1°52	6°11	13°33	20°30	5°44	13°48	14°42	19°24	n.a.	S 23
M24	15 56 6	29°19'42	9♒36	24° 6	17°31	11° 1	2° 6	6°11	13°32	20°30	5°45	13°D47	14°39	19°30	n.a.	M24
T 25	16 0 2	0♊16'50	23°43	25°17	18° 9	11°42	2°19	6°11	13°30	20°31	5°46	13°R47	14°36	19°37	n.a.	T 25
W26	16 3 59	1°13'58	7♓34	26°24	18°48	12°23	2°33	6°10	13°29	20°32	5°48	13°47	14°32	19°44	n.a.	W26
T 27	16 7 56	2°11'06	21°11	27°29	19°27	13° 5	2°47	6° 9	13°28	20°32	5°49	13°46	14°29	19°50	n.a.	T 27
F 28	16 11 52	3° 8'14	4♈32	28°31	20° 8	13°46	3° 0	6° 9	13°26	20°33	5°51	13°43	14°26	19°57	n.a.	F 28
S 29	16 15 49	4° 5'22	17°41	29°29	20°50	14°27	3°14	6° 8	13°25	20°34	5°52	13°36	14°23	20° 4	n.a.	S 29
S 30	16 19 45	5° 2'30	0♉36	0♋24	21°33	15° 8	3°27	6° 7	13°24	20°35	5°54	13°28	14°20	20°10	n.a.	S 30
M31	16 23 42	5♊59'38	13♉20	1♋16	22♈17	15♉50	3♊41	6♒ 6	13♎22	20♏35	5♋55	13♒17	14♒17	20♋17	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n 8	6n41	3n55	17n39	1n13	5n 8	1n 5	9n26	0s20	19n18	0s23	20s 1	1s 3	5s 7	0n36	15n52	1n 4	27n43	4n 8	16s 6	16s15	25n 5		n.a.
S 2	14 26	12 28	4 32	18 24	1 21	4 55	0 52	9 42	0 20	19 21	0 23	20 1	1 4	5 7	0 36	15 52	1 4	27 43	4 8	16 9	16 16	25 4		n.a.
M 3	14 45	17 36	4 54	19 7	1 29	4 44	0 40	9 58	0 19	19 24	0 23	20 1	1 4	5 6	0 36	15 52	1 4	27 43	4 8	16 12	16 17	25 2		n.a.
T 4	15 3	21 51	5 0	19 48	1 36	4 33	0 28	10 14	0 18	19 28	0 23	20 1	1 4	5 5	0 36	15 52	1 4	27 43	4 8	16 16	16 18	25 0		n.a.
W 5	15 21	25 0	4 52	20 26	1 43	4 24	0 17	10 30	0 18	19 31	0 23	20 0	1 4	5 4	0 36	15 52	1 4	27 43	4 8	16 20	16 19	24 59		n.a.
T 6	15 39	26 54	4 29	21 2	1 49	4 16	0 5	10 46	0 17	19 34	0 23	20 0	1 4	5 3	0 36	15 52	1 4	27 43	4 8	16 23	16 20	24 57		n.a.
F 7	15 57	27 29	3 55	21 35	1 54	4 9	0s 5	11 2	0 17	19 37	0 23	20 0	1 4	5 2	0 36	15 52	1 4	27 43	4 8	16 26	16 21	24 55		n.a.
S 8	16 14	26 45	3 11	22 6	1 59	4 4	0 16	11 17	0 16	19 40	0 23	20 0	1 5	5 2	0 36	15 51	1 4	27 43	4 8	16 28	16 22	24 54		n.a.
S 9	16 31	24 47	2 19	22 34	2 2	3 59	0 26	11 33	0 15	19 43	0 23	20 0	1 5	5 1	0 36	15 51	1 4	27 43	4 8	16 30	16 23	24 52		n.a.
M10	16 48	21 46	1 21	23 0	2 5	3 56	0 36	11 48	0 15	19 46	0 22	20 0	1 5	5 0	0 36	15 51	1 4	27 43	4 8	16 30	16 24	24 50		n.a.
T 11	17 5	17 50	0 19	23 23	2 8	3 53	0 46	12 4	0 14	19 49	0 22	20 0	1 5	4 59	0 36	15 51	1 4	27 43	4 8	16 30	16 25	24 49		n.a.
W12	17 21	13 10	0s44	23 44	2 9	3 52	0 55	12 19	0 14	19 53	0 22	20 0	1 5	4 59	0 36	15 51	1 4	27 43	4 8	16 30	16 26	24 47		n.a.
T 13	17 37	7 55	1 47	24 2	2 10	3 52	1 4	12 34	0 13	19 56	0 22	20 0	1 6	4 58	0 36	15 51	1 4	27 42	4 8	16 30	16 27	24 45		n.a.
F 14	17 53	2 14	2 45	24 18	2 10	3 53	1 12	12 49	0 12	19 59	0 22	20 0	1 6	4 57	0 36	15 51	1 4	27 42	4 8	16 31	16 28	24 43		n.a.
S 15	18 8	3s41	3 38	24 32	2 10	3 55	1 20	13 4	0 12	20 2	0 22	20 0	1 6	4 56	0 36	15 51	1 4	27 42	4 8	16 33	16 29	24 42		n.a.
S 16	18 23	9 38	4 20	24 44	2 9	3 57	1 28	13 19	0 11	20 5	0 22	20 0	1 6	4 56	0 36	15 51	1 4	27 42	4 8	16 35	16 30	24 40		n.a.
M17	18 38	15 19	4 48	24 53	2 6	4 1	1 35	13 33	0 10	20 8	0 22	20 0	1 6	4 55	0 36	15 50	1 4	27 42	4 8	16 37	16 30	24 38		n.a.
T 18	18 53	20 22	5 1	25 1	2 4	4 5	1 43	13 48	0 10	20 11	0 22	20 0	1 7	4 54	0 36	15 50	1 4	27 42	4 7	16 41	16 31	24 37		n.a.
W19	19 7	24 20	4 54	25 6	2 0	4 11	1 49	14 2	0 9	20 13	0 21	20 0	1 7	4 54	0 36	15 50	1 4	27 42	4 7	16 44	16 32	24 35		n.a.
T 20	19 21	26 47	4 29	25 10	1 56	4 17	1 56	14 16	0 9	20 16	0 21	20 0	1 7	4 53	0 36	15 50	1 4	27 42	4 7	16 47	16 33	24 33		n.a.
F 21	19 35	27 23	3 45	25 12	1 51	4 24	2 2	14 30	0 8	20 19	0 21	20 1	1 7	4 53	0 36	15 50	1 4	27 42	4 7	16 49	16 34	24 31		n.a.
S 22	19 48	26 2	2 46	25 12	1 46	4 31	2 8	14 44	0 7	20 22	0 21	20 1	1 7	4 52	0 36	15 50	1 4	27 42	4 7	16 51	16 35	24 30		n.a.
S 23	20 1	22 55	1 37	25 10	1 40	4 40	2 14	14 58	0 7	20 25	0 21	20 1	1 7	4 51	0 36	15 49	1 4	27 42	4 8	16 52	16 36	24 28		n.a.
M24	20 14	18 24	0 22	25 7	1 33	4 49	2 19	15 12	0 6	20 28	0 21	20 1	1 8	4 51	0 36	15 49	1 4	27 42	4 8	16 52	16 37	24 26		n.a.
T 25	20 26	12 56	0n52	25 2	1 25	4 59	2 24	15 25	0 5	20 31	0 21	20 2	1 8	4 50	0 36	15 49	1 4	27 42	4 8	16 52	16 38	24 24		n.a.
W26	20 38	6 55	2 3	24 56	1 17	5 9	2 29	15 39	0 5	20 34	0 21	20 2	1 8	4 50	0 36	15 49	1 4	27 42	4 8	16 52	16 39	24 22		n.a.
T 27	20 50	0 43	3 5	24 49	1 9	5 20	2 33	15 52	0 4	20 36	0 21	20 2	1 8	4 49	0 36	15 48	1 4	27 42	4 8	16 53	16 40	24 21		n.a.
F 28	21 1	5n25	3 55	24 41	0 59	5 31	2 38	16 5	0 4	20 39	0 21	20 3	1 8	4 49	0 36	15 48	1 4	27 42	4 8	16 54	16 41	24 19		n.a.
S 29	21 12	11 12	4 32	24 31	0 49	5 44	2 42	16 18	0 3	20 42	0 20	20 3	1 9	4 48	0 36	15 48	1 4	27 41	4 8	16 55	16 42	24 17		n.a.
S 30	21 22	16 24	4 55	24 21	0 39	5 56	2 45	16 31	0 2	20 45	0 20	20 4	1 9	4 48	0 36	15 48	1 4	27 41	4 8	16 58	16 43	24 15		n.a.
M31	21n33	20n49	5n 2	24n10	0n28	6n 9	2s49	16n44	0s 2	20n47	0s20	20s 4	1s 9	4s47	0n36	15n47	1n 4	27n41	4n 8	17s 1	16s44	24n13		n.a.

Julian Day Number = 1706933.5, Delta T = 03h02m42s
Ecliptic obliquity = 23°42'06, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°36'38, Lahiri = - 4°29'38 Julian Calendar 1 May 40 BCE == Greg. Calendar 29 Apr. 040 BCE

The year -39 astronomical counting style corresponds to year 040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 40 BCE
geocentric

JUNE 40 BCE (-39) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 27 38	6♊56'46	25♉53	2♋ 4	23♈ 2	16♉31	3♊55	6°R 5	13°R21	20♌36	5♋57	13°R 6	14♒13	20♋24	n.a.	T 1
W 2	16 31 35	7°53'54	8♊14	2°48	23°47	17°12	4° 8	6♒ 3	13♎20	20°37	5°58	12♒54	14°10	20°30	n.a.	W 2
T 3	16 35 31	8°51'03	20°24	3°29	24°33	17°53	4°22	6° 2	13°19	20°38	6° 0	12°44	14° 7	20°37	n.a.	T 3
F 4	16 39 28	9°48'11	2♋25	4° 6	25°21	18°34	4°36	6° 0	13°18	20°39	6° 1	12°35	14° 4	20°43	n.a.	F 4
S 5	16 43 25	10°45'19	14°18	4°39	26° 8	19°15	4°49	5°59	13°17	20°40	6° 3	12°29	14° 1	20°50	n.a.	S 5
S 6	16 47 21	11°42'27	26° 7	5° 8	26°57	19°55	5° 3	5°57	13°16	20°41	6° 4	12°25	13°58	20°57	n.a.	S 6
M 7	16 51 18	12°39'35	7♌53	5°32	27°46	20°36	5°16	5°56	13°15	20°42	6° 6	12°D24	13°54	21° 3	n.a.	M 7
T 8	16 55 14	13°36'43	19°42	5°52	28°36	21°17	5°30	5°54	13°14	20°43	6° 8	12°24	13°51	21°10	n.a.	T 8
W 9	16 59 11	14°33'51	1♍39	6° 8	29°27	21°57	5°44	5°52	13°14	20°44	6° 9	12°25	13°48	21°17	n.a.	W 9
T 10	17 3 7	15°30'59	13°48	6°19	0♉19	22°38	5°57	5°50	13°13	20°45	6°11	12°R25	13°45	21°23	n.a.	T 10
F 11	17 7 4	16°28'07	26°15	6°25	1°10	23°19	6°11	5°48	13°12	20°47	6°13	12°25	13°42	21°30	n.a.	F 11
S 12	17 11 0	17°25'15	9♎ 5	6°R27	2° 3	23°59	6°24	5°46	13°11	20°48	6°14	12°23	13°38	21°37	n.a.	S 12
S 13	17 14 57	18°22'23	22°20	6°24	2°56	24°40	6°38	5°43	13°11	20°49	6°16	12°18	13°35	21°43	n.a.	S 13
M14	17 18 54	19°19'31	6♏ 5	6°16	3°50	25°20	6°51	5°41	13°10	20°50	6°17	12°12	13°32	21°50	n.a.	M14
T 15	17 22 50	20°16'39	20°17	6° 3	4°44	26° 0	7° 4	5°39	13°10	20°52	6°19	12° 5	13°29	21°57	n.a.	T 15
W16	17 26 47	21°13'48	4♐53	5°46	5°39	26°41	7°18	5°36	13° 9	20°53	6°21	11°57	13°26	22° 3	n.a.	W16
T 17	17 30 43	22°10'57	19°48	5°24	6°34	27°21	7°31	5°34	13° 9	20°54	6°22	11°50	13°23	22°10	n.a.	T 17
F 18	17 34 40	23° 8'07	4♑52	4°58	7°30	28° 1	7°45	5°31	13° 9	20°56	6°24	11°44	13°19	22°17	n.a.	F 18
S 19	17 38 36	24° 5'17	19°56	4°28	8°26	28°41	7°58	5°28	13° 8	20°57	6°26	11°40	13°16	22°23	n.a.	S 19
S 20	17 42 33	25° 2'28	4♒52	3°55	9°23	29°21	8°11	5°25	13° 8	20°58	6°27	11°D39	13°13	22°30	n.a.	S 20
M21	17 46 30	25°59'39	19°32	3°19	10°20	0♊ 1	8°25	5°22	13° 8	21° 0	6°29	11°39	13°10	22°37	n.a.	M21
T 22	17 50 26	26°56'52	3♓52	2°40	11°17	0°41	8°38	5°19	13° 8	21° 1	6°31	11°40	13° 7	22°43	n.a.	T 22
W23	17 54 23	27°54'05	17°50	1°59	12°15	1°21	8°51	5°16	13° 8	21° 3	6°32	11°41	13° 4	22°50	n.a.	W23
T 24	17 58 19	28°51'19	1♈26	1°18	13°14	2° 1	9° 4	5°13	13°D 8	21° 4	6°34	11°R41	13° 0	22°57	n.a.	T 24
F 25	18 2 16	29°48'35	14°42	0°35	14°12	2°41	9°17	5°10	13° 8	21° 6	6°36	11°40	12°57	23° 3	n.a.	F 25
S 26	18 6 12	0♋45'51	27°40	29♊53	15°11	3°21	9°31	5° 7	13° 8	21° 7	6°38	11°37	12°54	23°10	n.a.	S 26
S 27	18 10 9	1°43'08	10♉23	29°12	16°11	4° 1	9°44	5° 3	13° 8	21° 9	6°39	11°33	12°51	23°17	n.a.	S 27
M28	18 14 5	2°40'27	22°52	28°33	17°11	4°41	9°57	5° 0	13° 8	21°10	6°41	11°27	12°48	23°23	n.a.	M28
T 29	18 18 2	3°37'47	5♊ 9	27°56	18°11	5°20	10°10	4°56	13° 8	21°12	6°43	11°20	12°44	23°30	n.a.	T 29
W30	18 21 59	4♋35'07	17♊16	27♊22	19♉12	6♊ 0	10♊23	4♒53	13♎ 9	21♌14	6♋44	11♒14	12♒41	23♋37	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n42	24n12	4n55	23n57	0n16	6n23	2s52	16n56	0s 1	20n50	0s20	20s 5	1s 9	4s47	0n36	15n47	1n 3	27n41	4n 8	17s 4	16s45	24n12		n.a.
W 2	21 52	26 25	4 34	23 44	0 4	6 37	2 55	17 9	0 0	20 53	0 20	20 5	1 9	4 46	0 36	15 47	1 3	27 41	4 8	17 7	16 45	24 10		n.a.
T 3	22 1	27 21	4 0	23 31	0s 9	6 51	2 58	17 21	0n 0	20 55	0 20	20 6	1 10	4 46	0 36	15 46	1 3	27 41	4 8	17 10	16 46	24 8		n.a.
F 4	22 10	26 57	3 17	23 16	0 22	7 6	3 1	17 33	0 1	20 58	0 20	20 6	1 10	4 46	0 35	15 46	1 3	27 41	4 8	17 13	16 47	24 6		n.a.
S 5	22 18	25 19	2 24	23 2	0 35	7 21	3 3	17 45	0 2	21 1	0 20	20 7	1 10	4 45	0 35	15 46	1 3	27 41	4 8	17 15	16 48	24 4		n.a.
S 6	22 26	22 34	1 26	22 47	0 49	7 37	3 6	17 57	0 2	21 3	0 20	20 7	1 10	4 45	0 35	15 45	1 3	27 41	4 8	17 16	16 49	24 2		n.a.
M 7	22 34	18 53	0 24	22 32	1 4	7 53	3 8	18 9	0 3	21 6	0 20	20 8	1 10	4 45	0 35	15 45	1 3	27 41	4 8	17 16	16 50	24 1		n.a.
T 8	22 41	14 27	0s39	22 16	1 18	8 9	3 9	18 20	0 4	21 8	0 19	20 8	1 11	4 44	0 35	15 45	1 3	27 41	4 8	17 16	16 51	23 59		n.a.
W 9	22 48	9 26	1 41	22 0	1 33	8 25	3 11	18 31	0 4	21 11	0 19	20 9	1 11	4 44	0 35	15 44	1 3	27 41	4 8	17 16	16 52	23 57		n.a.
T 10	22 54	3 58	2 40	21 45	1 48	8 42	3 12	18 43	0 5	21 13	0 19	20 10	1 11	4 44	0 35	15 44	1 3	27 41	4 8	17 16	16 53	23 55		n.a.
F 11	23 0	1s45	3 33	21 29	2 3	8 59	3 14	18 54	0 5	21 16	0 19	20 11	1 11	4 44	0 35	15 43	1 3	27 41	4 8	17 16	16 54	23 53		n.a.
S 12	23 6	7 34	4 17	21 14	2 18	9 16	3 15	19 4	0 6	21 18	0 19	20 11	1 11	4 43	0 35	15 43	1 3	27 41	4 8	17 16	16 55	23 51		n.a.
S 13	23 11	13 14	4 49	20 59	2 34	9 34	3 16	19 15	0 7	21 20	0 19	20 12	1 11	4 43	0 35	15 43	1 3	27 41	4 8	17 18	16 56	23 49		n.a.
M14	23 16	18 29	5 5	20 45	2 48	9 51	3 16	19 26	0 7	21 23	0 19	20 13	1 12	4 43	0 35	15 42	1 3	27 41	4 8	17 19	16 57	23 47		n.a.
T 15	23 20	22 53	5 4	20 31	3 3	10 9	3 17	19 36	0 8	21 25	0 19	20 14	1 12	4 43	0 35	15 42	1 3	27 41	4 8	17 21	16 57	23 46		n.a.
W16	23 24	25 59	4 43	20 18	3 17	10 27	3 17	19 46	0 9	21 28	0 19	20 14	1 12	4 43	0 35	15 41	1 3	27 41	4 8	17 24	16 58	23 44		n.a.
T 17	23 28	27 20	4 3	20 5	3 31	10 45	3 18	19 56	0 9	21 30	0 19	20 15	1 12	4 43	0 35	15 41	1 3	27 41	4 8	17 26	16 59	23 42		n.a.
F 18	23 31	26 42	3 5	19 53	3 44	11 3	3 18	20 6	0 10	21 32	0 19	20 16	1 12	4 43	0 35	15 40	1 3	27 40	4 8	17 27	17 0	23 40		n.a.
S 19	23 34	24 5	1 55	19 42	3 55	11 21	3 18	20 15	0 11	21 34	0 18	20 17	1 12	4 42	0 35	15 40	1 3	27 40	4 8	17 28	17 1	23 38		n.a.
S 20	23 36	19 51	0 37	19 32	4 6	11 39	3 17	20 25	0 11	21 37	0 18	20 18	1 13	4 42	0 35	15 39	1 3	27 40	4 8	17 29	17 2	23 36		n.a.
M21	23 38	14 27	0n43	19 23	4 16	11 58	3 17	20 34	0 12	21 39	0 18	20 19	1 13	4 42	0 35	15 39	1 3	27 40	4 8	17 29	17 3	23 34		n.a.
T 22	23 40	8 23	1 57	19 16	4 25	12 16	3 16	20 43	0 13	21 41	0 18	20 19	1 13	4 42	0 35	15 38	1 3	27 40	4 8	17 29	17 4	23 32		n.a.
W23	23 41	2 3	3 3	19 9	4 32	12 34	3 16	20 52	0 13	21 43	0 18	20 20	1 13	4 42	0 35	15 38	1 3	27 40	4 8	17 28	17 5	23 30		n.a.
T 24	23 42	4n12	3 57	19 4	4 37	12 53	3 15	21 1	0 14	21 45	0 18	20 21	1 13	4 42	0 35	15 37	1 3	27 40	4 8	17 28	17 6	23 28		n.a.
F 25	23 42	10 6	4 37	19 1	4 41	13 11	3 14	21 10	0 15	21 47	0 18	20 22	1 13	4 42	0 35	15 37	1 3	27 40	4 8	17 28	17 7	23 26		n.a.
S 26	23 42	15 26	5 1	18 59	4 43	13 30	3 13	21 18	0 15	21 50	0 18	20 23	1 14	4 42	0 35	15 36	1 3	27 40	4 9	17 29	17 8	23 24		n.a.
S 27	23 41	19 59	5 10	18 58	4 44	13 48	3 12	21 26	0 16	21 52	0 18	20 24	1 14	4 43	0 35	15 36	1 3	27 40	4 9	17 30	17 8	23 22		n.a.
M28	23 40	23 35	5 4	18 59	4 43	14 6	3 11	21 35	0 17	21 54	0 18	20 25	1 14	4 43	0 35	15 35	1 3	27 40	4 9	17 32	17 9	23 20		n.a.
T 29	23 39	26 3	4 44	19 1	4 40	14 24	3 9	21 42	0 17	21 56	0 18	20 26	1 14	4 43	0 35	15 35	1 3	27 40	4 9	17 34	17 10	23 18		n.a.
W30	23n37	27n15	4n11	19n 5	4s35	14n42	3s 8	21n50	0n18	21n58	0s18	20s27	1s14	4s43	0n35	15n34	1n 3	27n40	4n 9	17s36	17s11	23n16		n.a.

Julian Day Number = 1706964.5, Delta T = 03h02m41s
Ecliptic obliquity = 23°42'05, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°36'34, Lahiri = - 4°29'34 Julian Calendar 1 June 40 BCE == Greg. Calendar 30 May 040 BCE

The year -39 astronomical counting style corresponds to year 040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 40 BCE
geocentric

JULY 40 BCE (-39) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 25 55	5♋32'29	29♊16	26°R53	20♉12	6♊39	10♊36	4°R49	13♎ 9	21♌15	6♋46	11°R 8	12♒38	23♋43	n.a.	T 1
F 2	18 29 52	6°29'51	11♋ 9	26♊27	21°14	7°19	10°49	4♒46	13° 9	21°17	6°48	11♒ 3	12°35	23°50	n.a.	F 2
S 3	18 33 48	7°27'15	22°58	26° 7	22°15	7°58	11° 2	4°42	13°10	21°19	6°50	11° 0	12°32	23°57	n.a.	S 3
S 4	18 37 45	8°24'39	4♌45	25°52	23°17	8°38	11°14	4°38	13°10	21°20	6°51	10°58	12°29	24° 3	n.a.	S 4
M 5	18 41 41	9°22'05	16°32	25°43	24°19	9°17	11°27	4°34	13°11	21°22	6°53	10°D58	12°25	24°10	n.a.	M 5
T 6	18 45 38	10°19'31	28°23	25°D39	25°21	9°57	11°40	4°30	13°11	21°24	6°55	10°59	12°22	24°16	n.a.	T 6
W 7	18 49 34	11°16'58	10♍21	25°43	26°24	10°36	11°53	4°26	13°12	21°26	6°56	11° 1	12°19	24°23	n.a.	W 7
T 8	18 53 31	12°14'26	22°31	25°52	27°27	11°15	12° 5	4°22	13°13	21°28	6°58	11° 3	12°16	24°30	n.a.	T 8
F 9	18 57 28	13°11'54	4♎58	26° 9	28°30	11°54	12°18	4°18	13°13	21°29	7° 0	11° 4	12°13	24°36	n.a.	F 9
S 10	19 1 24	14° 9'24	17°44	26°32	29°33	12°33	12°30	4°14	13°14	21°31	7° 2	11°R 4	12°10	24°43	n.a.	S 10
S 11	19 5 21	15° 6'55	0♏55	27° 2	0♊37	13°13	12°43	4°10	13°15	21°33	7° 3	11° 3	12° 6	24°50	n.a.	S 11
M12	19 9 17	16° 4'26	14°34	27°38	1°41	13°52	12°55	4° 6	13°16	21°35	7° 5	11° 1	12° 3	24°56	n.a.	M12
T 13	19 13 14	17° 1'59	28°40	28°22	2°45	14°31	13° 8	4° 2	13°17	21°37	7° 7	10°58	12° 0	25° 3	n.a.	T 13
W14	19 17 10	17°59'33	13♐12	29°11	3°49	15° 9	13°20	3°57	13°18	21°39	7° 8	10°55	11°57	25°10	n.a.	W14
T 15	19 21 7	18°57'08	28° 7	0♋ 8	4°54	15°48	13°32	3°53	13°19	21°41	7°10	10°52	11°54	25°16	n.a.	T 15
F 16	19 25 3	19°54'44	13♑15	1°10	5°59	16°27	13°44	3°49	13°20	21°43	7°12	10°50	11°50	25°23	n.a.	F 16
S 17	19 29 0	20°52'22	28°29	2°19	7° 4	17° 6	13°57	3°44	13°21	21°45	7°13	10°49	11°47	25°30	n.a.	S 17
S 18	19 32 57	21°50'01	13♒37	3°33	8° 9	17°45	14° 9	3°40	13°23	21°47	7°15	10°D48	11°44	25°36	n.a.	S 18
M19	19 36 53	22°47'41	28°32	4°53	9°14	18°23	14°21	3°35	13°24	21°49	7°17	10°49	11°41	25°43	n.a.	M19
T 20	19 40 50	23°45'23	13♓ 7	6°19	10°20	19° 2	14°33	3°31	13°25	21°51	7°18	10°50	11°38	25°50	n.a.	T 20
W21	19 44 46	24°43'07	27°17	7°49	11°26	19°41	14°44	3°27	13°26	21°53	7°20	10°51	11°35	25°56	n.a.	W21
T 22	19 48 43	25°40'52	11♈ 1	9°24	12°32	20°19	14°56	3°22	13°28	21°55	7°22	10°52	11°31	26° 3	n.a.	T 22
F 23	19 52 39	26°38'39	24°20	11° 3	13°38	20°58	15° 8	3°18	13°29	21°57	7°23	10°R53	11°28	26°10	n.a.	F 23
S 24	19 56 36	27°36'28	7♉17	12°46	14°45	21°36	15°20	3°13	13°31	21°59	7°25	10°52	11°25	26°16	n.a.	S 24
S 25	20 0 32	28°34'19	19°53	14°32	15°51	22°15	15°31	3° 8	13°32	22° 1	7°27	10°52	11°22	26°23	n.a.	S 25
M26	20 4 29	29°32'12	2♊14	16°21	16°58	22°53	15°43	3° 4	13°34	22° 3	7°28	10°50	11°19	26°30	n.a.	M26
T 27	20 8 26	0♌30'07	14°22	18°13	18° 5	23°31	15°54	2°59	13°36	22° 5	7°30	10°49	11°16	26°36	n.a.	T 27
W28	20 12 22	1°28'04	26°20	20° 6	19°12	24°10	16° 6	2°55	13°37	22° 7	7°31	10°48	11°12	26°43	n.a.	W28
T 29	20 16 19	2°26'02	8♋12	22° 1	20°20	24°48	16°17	2°50	13°39	22° 9	7°33	10°46	11° 9	26°49	n.a.	T 29
F 30	20 20 15	3°24'02	20° 1	23°58	21°27	25°26	16°28	2°46	13°41	22°11	7°35	10°46	11° 6	26°56	n.a.	F 30
S 31	20 24 12	4♌22'04	1♌48	25♋55	22♊35	26♊ 4	16♊39	2♒41	13♎43	22♌14	7♋36	10♒45	11♒ 3	27♋ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n35	27n10	3n28	19n11	4s29	15n 0	3s 6	21n58	0n18	22n 0	0s17	20s28	1s14	4s43	0n34	15n34	1n 3	27n40	4n 9	17s37	17s12	23n14			n.a.
F 2	23 32	25 49	2 36	19 18	4 22	15 18	3 4	22 5	0 19	22 2	0 17	20 29	1 15	4 43	0 34	15 33	1 3	27 40	4 9	17 39	17 13	23 12			n.a.
S 3	23 29	23 19	1 37	19 26	4 13	15 35	3 3	22 12	0 20	22 3	0 17	20 30	1 15	4 43	0 34	15 33	1 3	27 40	4 9	17 40	17 14	23 10			n.a.
S 4	23 26	19 50	0 34	19 36	4 2	15 53	3 1	22 19	0 20	22 5	0 17	20 31	1 15	4 44	0 34	15 32	1 3	27 40	4 9	17 40	17 15	23 8			n.a.
M 5	23 22	15 34	0s30	19 47	3 51	16 10	2 59	22 26	0 21	22 7	0 17	20 33	1 15	4 44	0 34	15 31	1 3	27 40	4 9	17 40	17 16	23 6			n.a.
T 6	23 18	10 42	1 34	19 59	3 38	16 27	2 57	22 33	0 22	22 9	0 17	20 34	1 15	4 44	0 34	15 31	1 3	27 40	4 9	17 40	17 17	23 4			n.a.
W 7	23 13	5 23	2 34	20 13	3 25	16 44	2 54	22 39	0 22	22 11	0 17	20 35	1 15	4 44	0 34	15 30	1 3	27 40	4 9	17 39	17 17	23 2			n.a.
T 8	23 8	0s12	3 29	20 27	3 11	17 1	2 52	22 45	0 23	22 13	0 17	20 36	1 15	4 45	0 34	15 30	1 3	27 40	4 9	17 39	17 18	23 0			n.a.
F 9	23 2	5 53	4 15	20 42	2 56	17 17	2 50	22 51	0 24	22 14	0 17	20 37	1 16	4 45	0 34	15 29	1 3	27 40	4 9	17 39	17 19	22 58			n.a.
S 10	22 56	11 29	4 49	20 58	2 41	17 33	2 47	22 57	0 24	22 16	0 17	20 38	1 16	4 45	0 34	15 28	1 3	27 40	4 9	17 39	17 20	22 56			n.a.
S 11	22 50	16 45	5 10	21 14	2 26	17 49	2 45	23 3	0 25	22 18	0 17	20 39	1 16	4 46	0 34	15 28	1 3	27 40	4 10	17 39	17 21	22 54			n.a.
M12	22 43	21 22	5 14	21 31	2 10	18 5	2 42	23 8	0 26	22 19	0 17	20 40	1 16	4 46	0 34	15 27	1 3	27 40	4 10	17 39	17 22	22 52			n.a.
T 13	22 36	24 57	5 0	21 47	1 54	18 20	2 39	23 14	0 26	22 21	0 16	20 41	1 16	4 47	0 34	15 27	1 3	27 40	4 10	17 40	17 23	22 50			n.a.
W14	22 29	27 2	4 26	22 4	1 38	18 35	2 37	23 19	0 27	22 23	0 16	20 43	1 16	4 47	0 34	15 26	1 3	27 40	4 10	17 41	17 24	22 48			n.a.
T 15	22 21	27 15	3 34	22 20	1 23	18 50	2 34	23 24	0 28	22 24	0 16	20 44	1 16	4 48	0 34	15 25	1 3	27 40	4 10	17 42	17 25	22 46			n.a.
F 16	22 12	25 28	2 26	22 35	1 7	19 4	2 31	23 28	0 28	22 26	0 16	20 45	1 16	4 48	0 34	15 25	1 3	27 40	4 10	17 42	17 26	22 44			n.a.
S 17	22 4	21 48	1 8	22 49	0 52	19 18	2 28	23 33	0 29	22 27	0 16	20 46	1 17	4 48	0 34	15 24	1 3	27 40	4 10	17 43	17 26	22 42			n.a.
S 18	21 55	16 40	0n16	23 2	0 37	19 31	2 25	23 37	0 30	22 29	0 16	20 47	1 17	4 49	0 34	15 23	1 3	27 40	4 10	17 43	17 27	22 40			n.a.
M19	21 45	10 36	1 37	23 14	0 22	19 45	2 22	23 42	0 30	22 30	0 16	20 48	1 17	4 50	0 34	15 23	1 3	27 40	4 10	17 43	17 28	22 38			n.a.
T 20	21 35	4 6	2 49	23 25	0 8	19 57	2 19	23 46	0 31	22 32	0 16	20 50	1 17	4 50	0 34	15 22	1 3	27 40	4 10	17 42	17 29	22 35			n.a.
W21	21 25	2n25	3 50	23 33	0n 5	20 10	2 15	23 49	0 32	22 33	0 16	20 51	1 17	4 51	0 34	15 21	1 3	27 40	4 11	17 42	17 30	22 33			n.a.
T 22	21 14	8 37	4 35	23 39	0 18	20 22	2 12	23 53	0 32	22 35	0 16	20 52	1 17	4 51	0 34	15 21	1 3	27 40	4 11	17 42	17 31	22 31			n.a.
F 23	21 3	14 14	5 4	23 44	0 30	20 33	2 9	23 56	0 33	22 36	0 16	20 53	1 17	4 52	0 34	15 20	1 3	27 40	4 11	17 42	17 32	22 29			n.a.
S 24	20 52	19 4	5 16	23 45	0 41	20 44	2 5	24 0	0 34	22 38	0 16	20 54	1 17	4 52	0 34	15 19	1 3	27 40	4 11	17 42	17 33	22 27			n.a.
S 25	20 40	22 55	5 13	23 45	0 51	20 55	2 2	24 3	0 34	22 39	0 15	20 55	1 17	4 53	0 34	15 19	1 3	27 40	4 11	17 42	17 34	22 25			n.a.
M26	20 28	25 39	4 55	23 41	1 0	21 5	1 59	24 6	0 35	22 40	0 15	20 57	1 18	4 54	0 34	15 18	1 3	27 40	4 11	17 42	17 34	22 23			n.a.
T 27	20 16	27 9	4 24	23 35	1 9	21 15	1 55	24 8	0 36	22 42	0 15	20 58	1 18	4 54	0 34	15 17	1 3	27 40	4 11	17 43	17 35	22 21			n.a.
W28	20 3	27 21	3 42	23 26	1 17	21 24	1 52	24 11	0 36	22 43	0 15	20 59	1 18	4 55	0 33	15 17	1 3	27 40	4 11	17 43	17 36	22 19			n.a.
T 29	19 50	26 17	2 51	23 15	1 23	21 33	1 48	24 13	0 37	22 44	0 15	21 0	1 18	4 56	0 33	15 16	1 3	27 40	4 11	17 43	17 37	22 16			n.a.
F 30	19 36	24 3	1 53	23 1	1 29	21 41	1 45	24 15	0 38	22 45	0 15	21 1	1 18	4 57	0 33	15 15	1 3	27 40	4 11	17 44	17 38	22 14			n.a.
S 31	19n23	20n47	0n50	22n44	1n34	21n49	1s41	24n17	0n38	22n46	0s15	21s 2	1s18	4s57	0n33	15n14	1n 3	27n40	4n12	17s44	17s39	22n12			n.a.

Julian Day Number = 1706994.5, Delta T = 03h02m40s
Ecliptic obliquity = 23°42'05, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°36'30, Lahiri = - 4°29'30 Julian Calendar 1 July 40 BCE == Greg. Calendar 29 June 040 BCE

The year -39 astronomical counting style corresponds to year 040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 40 BCE
geocentric

AUGUST 40 BCE (-39) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 28 8	5♌20'08	13♌36	27♋53	23♊43	26♊42	16♊50	2°R36	13♎45	22♌16	7♋38	10°D45	11♒ 0	27♋ 9	n.a.	S 1
M 2	20 32 5	6°18'13	25°28	29°51	24°51	27°20	17° 1	2♒32	13°47	22°18	7°39	10♒45	10°56	27°16	n.a.	M 2
T 3	20 36 2	7°16'20	7♍25	1♌49	25°59	27°58	17°12	2°27	13°48	22°20	7°41	10°46	10°53	27°23	n.a.	T 3
W 4	20 39 58	8°14'28	19°31	3°47	27° 7	28°36	17°23	2°23	13°51	22°22	7°42	10°46	10°50	27°29	n.a.	W 4
T 5	20 43 55	9°12'39	1♎47	5°44	28°16	29°14	17°34	2°18	13°53	22°24	7°44	10°46	10°47	27°36	n.a.	T 5
F 6	20 47 51	10°10'50	14°18	7°41	29°24	29°52	17°44	2°14	13°55	22°27	7°45	10°46	10°44	27°43	n.a.	F 6
S 7	20 51 48	11° 9'04	27° 6	9°38	0♋33	0♋29	17°55	2° 9	13°57	22°29	7°47	10°R46	10°41	27°49	n.a.	S 7
S 8	20 55 44	12° 7'19	10♏14	11°33	1°42	1° 7	18° 5	2° 5	13°59	22°31	7°48	10°D46	10°37	27°56	n.a.	S 8
M 9	20 59 41	13° 5'36	23°44	13°27	2°51	1°45	18°16	2° 0	14° 1	22°33	7°50	10°46	10°34	28° 3	n.a.	M 9
T 10	21 3 37	14° 3'54	7♐39	15°21	4° 0	2°22	18°26	1°56	14° 4	22°35	7°51	10°46	10°31	28° 9	n.a.	T 10
W11	21 7 34	15° 2'14	21°58	17°13	5° 9	3° 0	18°36	1°52	14° 6	22°38	7°53	10°47	10°28	28°16	n.a.	W11
T 12	21 11 30	16° 0'36	6♑38	19° 5	6°19	3°37	18°46	1°47	14° 8	22°40	7°54	10°47	10°25	28°23	n.a.	T 12
F 13	21 15 27	16°58'59	21°35	20°55	7°28	4°15	18°56	1°43	14°11	22°42	7°55	10°48	10°22	28°29	n.a.	F 13
S 14	21 19 24	17°57'24	6♒42	22°45	8°38	4°52	19° 6	1°39	14°13	22°44	7°57	10°R48	10°18	28°36	n.a.	S 14
S 15	21 23 20	18°55'51	21°50	24°33	9°48	5°30	19°15	1°34	14°16	22°46	7°58	10°48	10°15	28°43	n.a.	S 15
M16	21 27 17	19°54'20	6♓49	26°20	10°58	6° 7	19°25	1°30	14°18	22°49	7°59	10°47	10°12	28°49	n.a.	M16
T 17	21 31 13	20°52'51	21°32	28° 6	12° 8	6°44	19°35	1°26	14°21	22°51	8° 1	10°46	10° 9	28°56	n.a.	T 17
W18	21 35 10	21°51'24	5♈52	29°51	13°18	7°21	19°44	1°22	14°23	22°53	8° 2	10°45	10° 6	29° 2	n.a.	W18
T 19	21 39 6	22°50'00	19°46	1♏35	14°28	7°58	19°53	1°18	14°26	22°55	8° 3	10°44	10° 2	29° 9	n.a.	T 19
F 20	21 43 3	23°48'37	3♉12	3°18	15°39	8°35	20° 2	1°14	14°29	22°58	8° 5	10°42	9°59	29°16	n.a.	F 20
S 21	21 46 59	24°47'17	16°13	5° 0	16°49	9°12	20°11	1°10	14°31	23° 0	8° 6	10°42	9°56	29°22	n.a.	S 21
S 22	21 50 56	25°46'00	28°51	6°41	18° 0	9°49	20°20	1° 6	14°34	23° 2	8° 7	10°D41	9°53	29°29	n.a.	S 22
M23	21 54 53	26°44'45	11♊ 9	8°20	19°11	10°26	20°29	1° 2	14°37	23° 4	8° 8	10°42	9°50	29°36	n.a.	M23
T 24	21 58 49	27°43'32	23°13	9°59	20°22	11° 3	20°38	0°58	14°40	23° 7	8°10	10°43	9°47	29°42	n.a.	T 24
W25	22 2 46	28°42'21	5♋ 7	11°37	21°33	11°40	20°47	0°54	14°43	23° 9	8°11	10°45	9°43	29°49	n.a.	W25
T 26	22 6 42	29°41'13	16°56	13°14	22°44	12°17	20°55	0°50	14°45	23°11	8°12	10°46	9°40	29°56	n.a.	T 26
F 27	22 10 39	0♍40'07	28°43	14°50	23°55	12°53	21° 3	0°47	14°48	23°13	8°13	10°47	9°37	0♌ 2	n.a.	F 27
S 28	22 14 35	1°39'03	10♌31	16°25	25° 6	13°30	21°11	0°43	14°51	23°15	8°14	10°R48	9°34	0° 9	n.a.	S 28
S 29	22 18 32	2°38'02	22°25	17°59	26°18	14° 7	21°20	0°40	14°54	23°18	8°15	10°47	9°31	0°16	n.a.	S 29
M30	22 22 28	3°37'02	4♍25	19°32	27°29	14°43	21°27	0°36	14°57	23°20	8°17	10°46	9°27	0°22	n.a.	M30
T 31	22 26 25	4♍36'05	16♍33	21♍ 4	28♋41	15♋20	21♊35	0♒33	15♎ 0	23♌22	8♋18	10♒43	9♒24	0♌29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	19n 9	16n40	0s16	22n25	1n38	21n56	1s37	24n19	0n39	22n48	0s15	21s 3	1s18	4s58	0n33	15n14	1n 3	27n40	4n12	17s44	17s40	22n10			n.a.
M 2	18 54	11 54	1 21	22 4	1 42	22 2	1 34	24 20	0 40	22 49	0 15	21 5	1 18	4 59	0 33	15 13	1 3	27 40	4 12	17 44	17 41	22 8			n.a.
T 3	18 39	6 40	2 23	21 40	1 44	22 8	1 30	24 22	0 41	22 50	0 15	21 6	1 18	5 0	0 33	15 12	1 3	27 40	4 12	17 44	17 41	22 6			n.a.
W 4	18 24	1 9	3 19	21 14	1 46	22 14	1 26	24 23	0 41	22 51	0 15	21 7	1 18	5 1	0 33	15 12	1 3	27 40	4 12	17 44	17 42	22 3			n.a.
T 5	18 9	4s30	4 7	20 46	1 47	22 19	1 23	24 24	0 42	22 52	0 15	21 8	1 18	5 1	0 33	15 11	1 3	27 40	4 12	17 43	17 43	22 1			n.a.
F 6	17 53	10 4	4 45	20 17	1 48	22 23	1 19	24 25	0 43	22 53	0 15	21 9	1 18	5 2	0 33	15 10	1 3	27 40	4 12	17 43	17 44	21 59			n.a.
S 7	17 37	15 20	5 9	19 45	1 47	22 27	1 15	24 25	0 43	22 54	0 14	21 10	1 18	5 3	0 33	15 9	1 3	27 40	4 12	17 43	17 45	21 57			n.a.
S 8	17 21	20 4	5 18	19 13	1 46	22 30	1 12	24 26	0 44	22 55	0 14	21 11	1 19	5 4	0 33	15 9	1 3	27 40	4 13	17 43	17 46	21 55			n.a.
M 9	17 4	23 54	5 10	18 38	1 45	22 32	1 8	24 26	0 45	22 56	0 14	21 12	1 19	5 5	0 33	15 8	1 3	27 40	4 13	17 43	17 47	21 53			n.a.
T 10	16 47	26 29	4 44	18 3	1 43	22 34	1 4	24 26	0 45	22 57	0 14	21 13	1 19	5 6	0 33	15 7	1 3	27 40	4 13	17 43	17 48	21 50			n.a.
W11	16 30	27 26	3 59	17 26	1 41	22 36	1 0	24 26	0 46	22 58	0 14	21 14	1 19	5 7	0 33	15 7	1 3	27 40	4 13	17 43	17 48	21 48			n.a.
T 12	16 13	26 30	2 59	16 48	1 38	22 36	0 57	24 26	0 47	22 59	0 14	21 15	1 19	5 8	0 33	15 6	1 3	27 40	4 13	17 43	17 49	21 46			n.a.
F 13	15 55	23 40	1 45	16 10	1 34	22 37	0 53	24 25	0 47	23 0	0 14	21 16	1 19	5 9	0 33	15 5	1 3	27 40	4 13	17 43	17 50	21 44			n.a.
S 14	15 37	19 10	0 23	15 30	1 30	22 36	0 49	24 25	0 48	23 1	0 14	21 17	1 19	5 10	0 33	15 4	1 3	27 41	4 13	17 43	17 51	21 41			n.a.
S 15	15 19	13 25	1n 1	14 50	1 26	22 35	0 45	24 24	0 49	23 2	0 14	21 18	1 19	5 11	0 33	15 4	1 3	27 41	4 14	17 43	17 52	21 39			n.a.
M16	15 0	6 57	2 20	14 9	1 22	22 33	0 42	24 23	0 49	23 3	0 14	21 19	1 19	5 12	0 33	15 3	1 3	27 41	4 14	17 43	17 53	21 37			n.a.
T 17	14 42	0 13	3 27	13 28	1 17	22 31	0 38	24 22	0 50	23 4	0 14	21 20	1 19	5 13	0 33	15 2	1 3	27 41	4 14	17 43	17 54	21 35			n.a.
W18	14 23	6n20	4 20	12 46	1 12	22 28	0 34	24 20	0 51	23 4	0 14	21 21	1 19	5 14	0 33	15 1	1 3	27 41	4 14	17 44	17 55	21 33			n.a.
T 19	14 3	12 22	4 56	12 4	1 7	22 24	0 31	24 19	0 52	23 5	0 14	21 22	1 19	5 15	0 33	15 1	1 3	27 41	4 14	17 44	17 55	21 30			n.a.
F 20	13 44	17 38	5 14	11 21	1 1	22 20	0 27	24 17	0 52	23 6	0 13	21 23	1 19	5 16	0 33	15 0	1 3	27 41	4 14	17 44	17 56	21 28			n.a.
S 21	13 24	21 54	5 15	10 38	0 55	22 15	0 23	24 16	0 53	23 7	0 13	21 24	1 19	5 17	0 33	14 59	1 3	27 41	4 14	17 45	17 57	21 26			n.a.
S 22	13 4	25 1	5 1	9 55	0 49	22 9	0 20	24 14	0 54	23 7	0 13	21 25	1 19	5 18	0 33	14 59	1 3	27 41	4 15	17 45	17 58	21 24			n.a.
M23	12 44	26 52	4 33	9 12	0 43	22 3	0 16	24 11	0 54	23 8	0 13	21 26	1 19	5 19	0 33	14 58	1 3	27 41	4 15	17 45	17 59	21 21			n.a.
T 24	12 24	27 25	3 54	8 28	0 36	21 56	0 13	24 9	0 55	23 9	0 13	21 27	1 19	5 20	0 33	14 57	1 3	27 41	4 15	17 44	18 0	21 19			n.a.
W25	12 3	26 41	3 5	7 44	0 30	21 48	0 9	24 7	0 56	23 10	0 13	21 28	1 19	5 21	0 33	14 56	1 3	27 41	4 15	17 44	18 1	21 17			n.a.
T 26	11 42	24 44	2 8	7 1	0 23	21 40	0 6	24 4	0 57	23 10	0 13	21 29	1 19	5 23	0 33	14 56	1 3	27 41	4 15	17 43	18 1	21 14			n.a.
F 27	11 21	21 43	1 6	6 17	0 16	21 31	0 2	24 1	0 57	23 11	0 13	21 29	1 19	5 24	0 33	14 55	1 3	27 41	4 15	17 43	18 2	21 12			n.a.
S 28	11 0	17 49	0 2	5 34	0 9	21 22	0n 1	23 58	0 58	23 12	0 13	21 30	1 19	5 25	0 33	14 54	1 3	27 42	4 16	17 43	18 3	21 10			n.a.
S 29	10 39	13 11	1s 4	4 50	0 2	21 12	0 5	23 55	0 59	23 12	0 13	21 31	1 19	5 26	0 33	14 53	1 3	27 42	4 16	17 43	18 4	21 8			n.a.
M30	10 17	8 2	2 7	4 7	0s 5	21 1	0 8	23 52	0 59	23 13	0 13	21 32	1 19	5 27	0 32	14 53	1 3	27 42	4 16	17 44	18 5	21 5			n.a.
T 31	9n56	2n32	3s 4	3n23	0s12	20n50	0n11	23n48	1n 0	23n13	0s13	21s32	1s19	5s29	0n32	14n52	1n 3	27n42	4n16	17s44	18s 6	21n 3			n.a.

Julian Day Number = 1707025.5, Delta T = 03h02m39s
Ecliptic obliquity = 23°42'05, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°36'26, Lahiri = - 4°29'25 Julian Calendar 1 Aug. 40 BCE == Greg. Calendar 30 July 040 BCE

The year -39 astronomical counting style corresponds to year 040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 40 BCE
geocentric

SEPTEMBER 40 BCE (-39) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 30 22	5♍35'09	28♍53	22♍36	29♋53	15♋56	21♊43	0°R30	15♎ 3	23♏24	8♋19	10°R39	9♒21	0♏36	n.a.	W 1
T 2	22 34 18	6°34'16	11♎23	24° 6	1♏ 5	16°32	21°50	0♒26	15° 7	23°26	8°20	10♒35	9°18	0°42	n.a.	T 2
F 3	22 38 15	7°33'25	24° 7	25°36	2°17	17° 9	21°58	0°23	15°10	23°29	8°21	10°30	9°15	0°49	n.a.	F 3
S 4	22 42 11	8°32'36	7♏ 4	27° 5	3°29	17°45	22° 5	0°20	15°13	23°31	8°22	10°27	9°12	0°55	n.a.	S 4
S 5	22 46 8	9°31'48	20°16	28°32	4°41	18°21	22°12	0°17	15°16	23°33	8°23	10°24	9° 8	1° 2	n.a.	S 5
M 6	22 50 4	10°31'03	3♐45	29°59	5°53	18°57	22°19	0°14	15°19	23°35	8°24	10°23	9° 5	1° 9	n.a.	M 6
T 7	22 54 1	11°30'19	17°31	1♎25	7° 5	19°33	22°26	0°11	15°23	23°37	8°25	10°D23	9° 2	1°15	n.a.	T 7
W 8	22 57 57	12°29'37	1♑35	2°50	8°18	20° 9	22°32	0° 8	15°26	23°39	8°25	10°24	8°59	1°22	n.a.	W 8
T 9	23 1 54	13°28'57	15°56	4°14	9°30	20°45	22°39	0° 6	15°29	23°42	8°26	10°25	8°56	1°29	n.a.	T 9
F 10	23 5 51	14°28'19	0♒32	5°37	10°43	21°21	22°45	0° 3	15°33	23°44	8°27	10°26	8°53	1°35	n.a.	F 10
S 11	23 9 47	15°27'43	15°18	6°59	11°55	21°56	22°51	0° 1	15°36	23°46	8°28	10°R26	8°49	1°42	n.a.	S 11
S 12	23 13 44	16°27'09	0♓ 9	8°20	13° 8	22°32	22°57	29♑58	15°39	23°48	8°29	10°25	8°46	1°49	n.a.	S 12
M13	23 17 40	17°26'36	14°57	9°40	14°21	23° 8	23° 3	29°56	15°43	23°50	8°30	10°22	8°43	1°55	n.a.	M13
T 14	23 21 37	18°26'06	29°34	10°59	15°34	23°43	23° 9	29°54	15°46	23°52	8°30	10°17	8°40	2° 2	n.a.	T 14
W15	23 25 33	19°25'38	13♈54	12°16	16°47	24°19	23°15	29°51	15°50	23°54	8°31	10°11	8°37	2° 9	n.a.	W15
T 16	23 29 30	20°25'12	27°51	13°32	18° 0	24°54	23°20	29°49	15°53	23°56	8°32	10° 5	8°33	2°15	n.a.	T 16
F 17	23 33 26	21°24'49	11♉23	14°47	19°13	25°30	23°25	29°47	15°56	23°58	8°32	9°58	8°30	2°22	n.a.	F 17
S 18	23 37 23	22°24'28	24°28	16° 0	20°26	26° 5	23°30	29°45	16° 0	24° 0	8°33	9°53	8°27	2°28	n.a.	S 18
S 19	23 41 19	23°24'09	7♊ 9	17°11	21°39	26°40	23°35	29°44	16° 3	24° 2	8°34	9°50	8°24	2°35	n.a.	S 19
M20	23 45 16	24°23'53	19°30	18°21	22°53	27°15	23°40	29°42	16° 7	24° 4	8°34	9°D49	8°21	2°42	n.a.	M20
T 21	23 49 13	25°23'39	1♋34	19°28	24° 6	27°50	23°44	29°40	16°11	24° 6	8°35	9°49	8°18	2°48	n.a.	T 21
W22	23 53 9	26°23'27	13°27	20°34	25°20	28°25	23°49	29°39	16°14	24° 8	8°36	9°50	8°14	2°55	n.a.	W22
T 23	23 57 6	27°23'18	25°15	21°37	26°33	29° 0	23°53	29°38	16°18	24°10	8°36	9°51	8°11	3° 2	n.a.	T 23
F 24	0 1 2	28°23'11	7♏ 2	22°37	27°47	29°35	23°57	29°36	16°21	24°12	8°37	9°R52	8° 8	3° 8	n.a.	F 24
S 25	0 4 59	29°23'06	18°54	23°35	29° 0	0♏10	24° 1	29°35	16°25	24°14	8°37	9°52	8° 5	3°15	n.a.	S 25
S 26	0 8 55	0♎23'03	0♍53	24°29	0♍14	0°45	24° 4	29°34	16°29	24°16	8°38	9°49	8° 2	3°22	n.a.	S 26
M27	0 12 52	1°23'02	13° 3	25°20	1°28	1°19	24° 8	29°33	16°32	24°18	8°38	9°44	7°59	3°28	n.a.	M27
T 28	0 16 48	2°23'04	25°26	26° 7	2°42	1°54	24°11	29°32	16°36	24°20	8°38	9°37	7°55	3°35	n.a.	T 28
W29	0 20 45	3°23'07	8♎ 3	26°50	3°56	2°28	24°14	29°31	16°40	24°21	8°39	9°28	7°52	3°42	n.a.	W29
T 30	0 24 42	4♎23'13	20♎54	27♎28	5♍10	3♏ 3	24♊17	29♑31	16♎43	24♏23	8♋39	9♒18	7♒49	3♏48	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	9n34	3s 7	3s54	2n40	0s20	20n38	0n15	23n45	1n 1	23n14	0s12	21s33	1s19	5s30	0n32	14n51	1n 3	27n42	4n16	17s45	18s 7	21n 1		n.a.
T 2	9 12	8 45	4 34	1 57	0 27	20 26	0 18	23 41	1 2	23 14	0 12	21 34	1 19	5 31	0 32	14 51	1 3	27 42	4 16	17 47	18 7	20 58		n.a.
F 3	8 50	14 6	5 1	1 15	0 34	20 13	0 21	23 37	1 2	23 15	0 12	21 35	1 19	5 32	0 32	14 50	1 3	27 42	4 17	17 48	18 8	20 56		n.a.
S 4	8 27	18 56	5 13	0 32	0 41	19 59	0 24	23 33	1 3	23 16	0 12	21 35	1 19	5 34	0 32	14 49	1 3	27 42	4 17	17 49	18 9	20 54		n.a.
S 5	8 5	22 57	5 9	0s10	0 49	19 45	0 27	23 29	1 4	23 16	0 12	21 36	1 19	5 35	0 32	14 48	1 3	27 42	4 17	17 50	18 10	20 51		n.a.
M 6	7 42	25 50	4 48	0 51	0 56	19 30	0 30	23 25	1 4	23 17	0 12	21 37	1 19	5 36	0 32	14 48	1 3	27 42	4 17	17 50	18 11	20 49		n.a.
T 7	7 20	27 15	4 10	1 32	1 4	19 14	0 33	23 20	1 5	23 17	0 12	21 37	1 19	5 37	0 32	14 47	1 3	27 43	4 17	17 50	18 12	20 47		n.a.
W 8	6 57	26 58	3 17	2 13	1 11	18 58	0 36	23 15	1 6	23 17	0 12	21 38	1 19	5 39	0 32	14 46	1 3	27 43	4 17	17 50	18 12	20 44		n.a.
T 9	6 34	24 53	2 10	2 54	1 18	18 42	0 39	23 11	1 7	23 18	0 12	21 38	1 19	5 40	0 32	14 46	1 3	27 43	4 18	17 49	18 13	20 42		n.a.
F 10	6 11	21 8	0 54	3 33	1 25	18 25	0 42	23 6	1 7	23 18	0 12	21 39	1 19	5 41	0 32	14 45	1 3	27 43	4 18	17 49	18 14	20 40		n.a.
S 11	5 47	16 0	0n27	4 13	1 32	18 7	0 45	23 1	1 8	23 19	0 12	21 39	1 19	5 43	0 32	14 44	1 3	27 43	4 18	17 49	18 15	20 37		n.a.
S 12	5 24	9 54	1 45	4 52	1 39	17 49	0 47	22 56	1 9	23 19	0 12	21 40	1 19	5 44	0 32	14 44	1 3	27 43	4 18	17 49	18 16	20 35		n.a.
M13	5 1	3 17	2 57	5 30	1 46	17 30	0 50	22 50	1 10	23 20	0 11	21 40	1 19	5 45	0 32	14 43	1 3	27 43	4 18	17 50	18 17	20 33		n.a.
T 14	4 37	3n26	3 56	6 7	1 53	17 11	0 52	22 45	1 10	23 20	0 11	21 41	1 19	5 47	0 32	14 42	1 3	27 43	4 18	17 51	18 18	20 30		n.a.
W15	4 14	9 48	4 38	6 44	1 59	16 51	0 55	22 39	1 11	23 20	0 11	21 41	1 19	5 48	0 32	14 42	1 3	27 44	4 19	17 53	18 18	20 28		n.a.
T 16	3 50	15 32	5 3	7 20	2 6	16 31	0 57	22 34	1 12	23 21	0 11	21 42	1 19	5 49	0 32	14 41	1 3	27 44	4 19	17 55	18 19	20 26		n.a.
F 17	3 26	20 19	5 10	7 55	2 12	16 10	1 0	22 28	1 13	23 21	0 11	21 42	1 19	5 51	0 32	14 40	1 3	27 44	4 19	17 56	18 20	20 23		n.a.
S 18	3 3	23 56	5 0	8 29	2 18	15 49	1 2	22 22	1 13	23 21	0 11	21 42	1 19	5 52	0 32	14 40	1 3	27 44	4 19	17 58	18 21	20 21		n.a.
S 19	2 39	26 16	4 36	9 2	2 24	15 27	1 4	22 16	1 14	23 22	0 11	21 43	1 19	5 53	0 32	14 39	1 3	27 44	4 19	17 59	18 22	20 18		n.a.
M20	2 15	27 15	3 59	9 34	2 30	15 5	1 7	22 10	1 15	23 22	0 11	21 43	1 19	5 55	0 32	14 38	1 3	27 44	4 20	17 59	18 23	20 16		n.a.
T 21	1 51	26 54	3 12	10 5	2 35	14 43	1 9	22 3	1 16	23 22	0 11	21 43	1 19	5 56	0 32	14 38	1 3	27 44	4 20	17 59	18 23	20 14		n.a.
W22	1 27	25 18	2 18	10 35	2 40	14 20	1 11	21 57	1 17	23 23	0 11	21 44	1 19	5 58	0 32	14 37	1 3	27 44	4 20	17 59	18 24	20 11		n.a.
T 23	1 3	22 36	1 18	11 3	2 44	13 56	1 13	21 51	1 17	23 23	0 11	21 44	1 19	5 59	0 32	14 36	1 3	27 45	4 20	17 58	18 25	20 9		n.a.
F 24	0 39	18 58	0 15	11 30	2 49	13 32	1 15	21 44	1 18	23 23	0 10	21 44	1 19	6 0	0 32	14 36	1 4	27 45	4 20	17 58	18 26	20 6		n.a.
S 25	0 15	14 33	0s49	11 55	2 52	13 8	1 16	21 37	1 19	23 24	0 10	21 44	1 18	6 2	0 32	14 35	1 4	27 45	4 20	17 58	18 27	20 4		n.a.
S 26	0s 9	9 33	1 51	12 18	2 55	12 44	1 18	21 30	1 20	23 24	0 10	21 45	1 18	6 3	0 32	14 35	1 4	27 45	4 21	17 59	18 28	20 2		n.a.
M27	0 33	4 8	2 49	12 40	2 58	12 19	1 20	21 23	1 20	23 24	0 10	21 45	1 18	6 5	0 32	14 34	1 4	27 45	4 21	18 0	18 28	19 59		n.a.
T 28	0 58	1s31	3 40	12 59	3 0	11 53	1 21	21 16	1 21	23 24	0 10	21 45	1 18	6 6	0 32	14 33	1 4	27 45	4 21	18 2	18 29	19 57		n.a.
W29	1 22	7 13	4 21	13 16	3 1	11 28	1 23	21 9	1 22	23 25	0 10	21 45	1 18	6 8	0 32	14 33	1 4	27 46	4 21	18 5	18 30	19 54		n.a.
T 30	1s46	12s42	4s50	13s30	3s 2	11n 2	1n24	21n 2	1n23	23n25	0s10	21s45	1s18	6s 9	0n32	14n32	1n 4	27n46	4n21	18s 7	18s31	19n52		n.a.

Julian Day Number = 1707056.5, Delta T = 03h02m38s
Ecliptic obliquity = 23°42'05, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°36'22, Lahiri = - 4°29'21 Julian Calendar 1 Sept. 40 BCE == Greg. Calendar 30 Aug. 040 BCE

The year -39 astronomical counting style corresponds to year 040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 40 BCE
geocentric

OCTOBER 40 BCE (-39) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 28 38	5♎23'20	3♏58	28♎ 0	6♍24	3♌37	24♊20	29°R30	16♎47	24♌25	8♋39	9°R 8	7♒46	3♌55	n.a.	F 1
S 2	0 32 35	6°23'30	17°15	28°27	7°38	4°11	24°22	29♑29	16°51	24°27	8°40	8♒59	7°43	4° 2	n.a.	S 2
S 3	0 36 31	7°23'41	0♐43	28°47	8°52	4°45	24°25	29°29	16°54	24°29	8°40	8°51	7°39	4° 8	n.a.	S 3
M 4	0 40 28	8°23'53	14°21	29° 0	10° 6	5°19	24°27	29°29	16°58	24°30	8°40	8°46	7°36	4°15	n.a.	M 4
T 5	0 44 24	9°24'08	28° 9	29°R 6	11°21	5°53	24°29	29°29	17° 2	24°32	8°40	8°44	7°33	4°21	n.a.	T 5
W 6	0 48 21	10°24'24	12♑ 6	29° 2	12°35	6°27	24°31	29°D29	17° 6	24°34	8°41	8°D43	7°30	4°28	n.a.	W 6
T 7	0 52 17	11°24'41	26°13	28°50	13°49	7° 1	24°32	29°29	17° 9	24°35	8°41	8°44	7°27	4°35	n.a.	T 7
F 8	0 56 14	12°25'00	10♒28	28°29	15° 4	7°35	24°34	29°29	17°13	24°37	8°41	8°R44	7°24	4°41	n.a.	F 8
S 9	1 0 11	13°25'21	24°49	27°57	16°18	8° 8	24°35	29°29	17°17	24°39	8°41	8°43	7°20	4°48	n.a.	S 9
S 10	1 4 7	14°25'43	9♓13	27°16	17°33	8°42	24°36	29°29	17°21	24°40	8°41	8°40	7°17	4°55	n.a.	S 10
M11	1 8 4	15°26'06	23°37	26°25	18°47	9°15	24°37	29°30	17°24	24°42	8°41	8°33	7°14	5° 1	n.a.	M11
T 12	1 12 0	16°26'31	7♈55	25°25	20° 2	9°48	24°37	29°30	17°28	24°43	8°R41	8°25	7°11	5° 8	n.a.	T 12
W13	1 15 57	17°26'58	22° 0	24°17	21°16	10°21	24°37	29°31	17°32	24°45	8°41	8°14	7° 8	5°15	n.a.	W13
T 14	1 19 53	18°27'27	5♉48	23° 3	22°31	10°54	24°R38	29°32	17°36	24°46	8°41	8° 2	7° 4	5°21	n.a.	T 14
F 15	1 23 50	19°27'57	19°15	21°45	23°46	11°27	24°38	29°33	17°39	24°48	8°41	7°50	7° 1	5°28	n.a.	F 15
S 16	1 27 46	20°28'29	2♊19	20°24	25° 0	12° 0	24°37	29°34	17°43	24°49	8°41	7°40	6°58	5°35	n.a.	S 16
S 17	1 31 43	21°29'04	15° 1	19° 4	26°15	12°33	24°37	29°35	17°47	24°51	8°41	7°32	6°55	5°41	n.a.	S 17
M18	1 35 39	22°29'40	27°22	17°48	27°30	13° 6	24°36	29°36	17°51	24°52	8°41	7°27	6°52	5°48	n.a.	M18
T 19	1 39 36	23°30'17	9♋28	16°37	28°45	13°38	24°36	29°37	17°54	24°54	8°41	7°24	6°49	5°54	n.a.	T 19
W20	1 43 33	24°30'57	21°22	15°34	29°59	14°11	24°35	29°39	17°58	24°55	8°40	7°D23	6°45	6° 1	n.a.	W20
T 21	1 47 29	25°31'38	3♌10	14°41	1♎15	14°43	24°33	29°40	18° 2	24°56	8°40	7°R24	6°42	6° 8	n.a.	T 21
F 22	1 51 26	26°32'21	14°58	13°58	2°30	15°15	24°32	29°42	18° 5	24°57	8°40	7°23	6°39	6°14	n.a.	F 22
S 23	1 55 22	27°33'06	26°51	13°27	3°45	15°47	24°30	29°44	18° 9	24°59	8°40	7°22	6°36	6°21	n.a.	S 23
S 24	1 59 19	28°33'53	8♍54	13° 8	5° 0	16°19	24°29	29°45	18°13	25° 0	8°39	7°18	6°33	6°28	n.a.	S 24
M25	2 3 15	29°34'41	21°11	13°D 1	6°15	16°51	24°27	29°47	18°17	25° 1	8°39	7°12	6°30	6°34	n.a.	M25
T 26	2 7 12	0♏35'30	3♎46	13° 4	7°30	17°23	24°24	29°49	18°20	25° 2	8°39	7° 2	6°26	6°41	n.a.	T 26
W27	2 11 8	1°36'21	16°39	13°18	8°45	17°55	24°22	29°51	18°24	25° 3	8°38	6°51	6°23	6°48	n.a.	W27
T 28	2 15 5	2°37'14	29°51	13°41	10° 0	18°26	24°19	29°54	18°28	25° 5	8°38	6°37	6°20	6°54	n.a.	T 28
F 29	2 19 2	3°38'08	13♏20	14°13	11°15	18°57	24°17	29°56	18°31	25° 6	8°38	6°24	6°17	7° 1	n.a.	F 29
S 30	2 22 58	4°39'03	27° 2	14°52	12°30	19°29	24°14	29°58	18°35	25° 7	8°37	6°11	6°14	7° 8	n.a.	S 30
S 31	2 26 55	5♏40'00	10♐55	15♎39	13♎45	20♌ 0	24♊11	0♒ 1	18♎39	25♌ 8	8♋37	6♒ 1	6♒10	7♌14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2s10	17s44	5s 4	13s42	3s 2	10n35	1n26	20n55	1n24	23n25	0s10	21s45	1s18	6s11	0n32	14n32	1n 4	27n46	4n22	18s10	18s32	19n49		n.a.
S 2	2 34	21 59	5 2	13 50	3 0	10 9	1 27	20 47	1 24	23 25	0 10	21 45	1 18	6 12	0 32	14 31	1 4	27 46	4 22	18 13	18 33	19 47		n.a.
S 3	2 58	25 8	4 43	13 56	2 58	9 42	1 28	20 40	1 25	23 25	0 10	21 45	1 18	6 13	0 32	14 30	1 4	27 46	4 22	18 15	18 33	19 44		n.a.
M 4	3 22	26 53	4 9	13 57	2 54	9 14	1 30	20 32	1 26	23 26	0 9	21 45	1 18	6 15	0 32	14 30	1 4	27 46	4 22	18 16	18 34	19 42		n.a.
T 5	3 46	27 0	3 19	13 54	2 49	8 47	1 31	20 24	1 27	23 26	0 9	21 45	1 18	6 16	0 32	14 29	1 4	27 47	4 22	18 17	18 35	19 40		n.a.
W 6	4 10	25 25	2 17	13 47	2 43	8 19	1 32	20 17	1 28	23 26	0 9	21 45	1 18	6 18	0 32	14 29	1 4	27 47	4 22	18 17	18 36	19 37		n.a.
T 7	4 34	22 13	1 6	13 36	2 35	7 51	1 33	20 9	1 29	23 26	0 9	21 45	1 18	6 19	0 32	14 28	1 4	27 47	4 23	18 17	18 37	19 35		n.a.
F 8	4 58	17 40	0n 9	13 19	2 26	7 23	1 33	20 1	1 29	23 26	0 9	21 45	1 18	6 21	0 32	14 28	1 4	27 47	4 23	18 16	18 37	19 32		n.a.
S 9	5 21	12 4	1 25	12 57	2 14	6 54	1 34	19 53	1 30	23 26	0 9	21 45	1 18	6 22	0 32	14 27	1 4	27 47	4 23	18 17	18 38	19 30		n.a.
S 10	5 45	5 49	2 35	12 30	2 1	6 26	1 35	19 45	1 31	23 27	0 9	21 45	1 18	6 24	0 32	14 27	1 4	27 47	4 23	18 18	18 39	19 27		n.a.
M11	6 8	0n43	3 35	11 57	1 47	5 57	1 36	19 37	1 32	23 27	0 9	21 45	1 18	6 25	0 32	14 26	1 4	27 48	4 23	18 19	18 40	19 25		n.a.
T 12	6 32	7 9	4 21	11 20	1 30	5 28	1 36	19 29	1 33	23 27	0 9	21 44	1 18	6 26	0 32	14 26	1 4	27 48	4 24	18 22	18 41	19 22		n.a.
W13	6 55	13 8	4 50	10 38	1 12	4 58	1 37	19 20	1 34	23 27	0 9	21 44	1 18	6 28	0 32	14 25	1 4	27 48	4 24	18 24	18 42	19 20		n.a.
T 14	7 19	18 20	5 2	9 53	0 53	4 29	1 37	19 12	1 34	23 27	0 8	21 44	1 17	6 29	0 32	14 25	1 4	27 48	4 24	18 28	18 42	19 17		n.a.
F 15	7 42	22 28	4 56	9 4	0 33	3 59	1 37	19 3	1 35	23 27	0 8	21 44	1 17	6 31	0 32	14 24	1 4	27 48	4 24	18 31	18 43	19 15		n.a.
S 16	8 5	25 20	4 35	8 15	0 12	3 30	1 37	18 55	1 36	23 27	0 8	21 44	1 17	6 32	0 32	14 24	1 4	27 49	4 24	18 33	18 44	19 12		n.a.
S 17	8 28	26 50	4 1	7 25	0n 9	3 0	1 38	18 46	1 37	23 27	0 8	21 43	1 17	6 34	0 32	14 23	1 4	27 49	4 25	18 35	18 45	19 10		n.a.
M18	8 51	26 56	3 16	6 37	0 29	2 30	1 38	18 38	1 38	23 27	0 8	21 43	1 17	6 35	0 32	14 23	1 4	27 49	4 25	18 37	18 46	19 7		n.a.
T 19	9 14	25 44	2 23	5 52	0 48	2 0	1 38	18 29	1 39	23 28	0 8	21 43	1 17	6 37	0 32	14 23	1 4	27 49	4 25	18 37	18 46	19 5		n.a.
W20	9 36	23 22	1 24	5 11	1 6	1 29	1 38	18 21	1 40	23 28	0 8	21 42	1 17	6 38	0 32	14 22	1 4	27 49	4 25	18 37	18 47	19 2		n.a.
T 21	9 59	20 1	0 22	4 35	1 23	0 59	1 37	18 12	1 41	23 28	0 8	21 42	1 17	6 40	0 32	14 22	1 4	27 50	4 25	18 37	18 48	19 0		n.a.
F 22	10 21	15 53	0s40	4 5	1 37	0 29	1 37	18 3	1 41	23 28	0 8	21 41	1 17	6 41	0 32	14 21	1 5	27 50	4 26	18 37	18 49	18 57		n.a.
S 23	10 43	11 7	1 41	3 41	1 50	0s 1	1 37	17 54	1 42	23 28	0 7	21 41	1 17	6 42	0 32	14 21	1 5	27 50	4 26	18 38	18 50	18 55		n.a.
S 24	11 5	5 52	2 39	3 24	2 1	0 32	1 37	17 45	1 43	23 28	0 7	21 41	1 17	6 44	0 32	14 21	1 5	27 50	4 26	18 39	18 50	18 52		n.a.
M25	11 27	0 19	3 30	3 12	2 9	1 2	1 36	17 37	1 44	23 28	0 7	21 40	1 17	6 45	0 32	14 20	1 5	27 50	4 26	18 40	18 51	18 50		n.a.
T 26	11 48	5s21	4 12	3 7	2 16	1 33	1 36	17 28	1 45	23 28	0 7	21 40	1 17	6 47	0 32	14 20	1 5	27 51	4 26	18 43	18 52	18 47		n.a.
W27	12 10	10 56	4 42	3 8	2 22	2 3	1 35	17 19	1 46	23 28	0 7	21 39	1 17	6 48	0 32	14 20	1 5	27 51	4 26	18 46	18 53	18 45		n.a.
T 28	12 31	16 10	4 58	3 14	2 25	2 33	1 34	17 10	1 47	23 28	0 7	21 39	1 17	6 49	0 32	14 19	1 5	27 51	4 27	18 49	18 54	18 42		n.a.
F 29	12 52	20 44	4 58	3 24	2 28	3 4	1 34	17 1	1 48	23 28	0 7	21 38	1 17	6 51	0 32	14 19	1 5	27 51	4 27	18 53	18 54	18 39		n.a.
S 30	13 13	24 15	4 41	3 39	2 29	3 34	1 33	16 52	1 49	23 28	0 7	21 37	1 17	6 52	0 32	14 19	1 5	27 51	4 27	18 56	18 55	18 37		n.a.
S 31	13s33	26s24	4s 7	3s57	2n28	4s 4	1n32	16n43	1n50	23n28	0s 6	21s37	1s16	6s54	0n32	14n18	1n 5	27n52	4n27	18s58	18s56	18n34		n.a.

Julian Day Number = 1707086.5, Delta T = 03h02m37s
Ecliptic obliquity = 23°42'05, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°36'18, Lahiri = - 4°29'17 Julian Calendar 1 Oct. 40 BCE == Greg. Calendar 29 Sept. 040 BCE

The year -39 astronomical counting style corresponds to year 040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 40 BCE
geocentric

NOVEMBER 40 BCE (-39) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 30 51	6♏40'57	24♐55	16♎32	15♎ 1	20♌31	24°R 7	0♒ 3	18♎42	25♌ 9	8°R36	5°R54	6♒ 7	7♌21	n.a.	M 1
T 2	2 34 48	7°41'55	8♑59	17°30	16°16	21° 1	24♊ 4	0° 6	18°46	25°10	8♋36	5♒50	6° 4	7°28	n.a.	T 2
W 3	2 38 44	8°42'54	23° 4	18°33	17°31	21°32	24° 0	0° 9	18°50	25°11	8°35	5°48	6° 1	7°34	n.a.	W 3
T 4	2 42 41	9°43'54	7♒ 8	19°39	18°46	22° 3	23°56	0°12	18°53	25°11	8°34	5°48	5°58	7°41	n.a.	T 4
F 5	2 46 38	10°44'55	21°13	20°49	20° 2	22°33	23°52	0°15	18°57	25°12	8°34	5°48	5°55	7°47	n.a.	F 5
S 6	2 50 34	11°45'56	5♓16	22° 3	21°17	23° 3	23°48	0°18	19° 0	25°13	8°33	5°46	5°51	7°54	n.a.	S 6
S 7	2 54 31	12°46'58	19°16	23°19	22°32	23°33	23°43	0°21	19° 4	25°14	8°33	5°42	5°48	8° 1	n.a.	S 7
M 8	2 58 27	13°48'01	3♈13	24°37	23°47	24° 3	23°38	0°25	19° 7	25°15	8°32	5°35	5°45	8° 7	n.a.	M 8
T 9	3 2 24	14°49'04	17° 3	25°57	25° 3	24°33	23°34	0°28	19°11	25°15	8°31	5°26	5°42	8°14	n.a.	T 9
W10	3 6 20	15°50'08	0♉43	27°18	26°18	25° 2	23°29	0°31	19°14	25°16	8°30	5°14	5°39	8°21	n.a.	W10
T 11	3 10 17	16°51'13	14°10	28°41	27°33	25°32	23°24	0°35	19°18	25°17	8°30	5° 1	5°36	8°27	n.a.	T 11
F 12	3 14 13	17°52'19	27°21	0♏ 6	28°49	26° 1	23°18	0°39	19°21	25°17	8°29	4°48	5°32	8°34	n.a.	F 12
S 13	3 18 10	18°53'26	10♊15	1°31	0♏ 4	26°30	23°13	0°42	19°24	25°18	8°28	4°36	5°29	8°41	n.a.	S 13
S 14	3 22 7	19°54'33	22°51	2°57	1°19	26°59	23° 7	0°46	19°28	25°18	8°27	4°27	5°26	8°47	n.a.	S 14
M15	3 26 3	20°55'41	5♋ 9	4°25	2°35	27°27	23° 1	0°50	19°31	25°19	8°27	4°20	5°23	8°54	n.a.	M15
T 16	3 30 0	21°56'51	17°14	5°52	3°50	27°56	22°55	0°54	19°35	25°20	8°26	4°17	5°20	9° 1	n.a.	T 16
W17	3 33 56	22°58'01	29° 8	7°21	5° 6	28°24	22°49	0°58	19°38	25°20	8°25	4°D15	5°16	9° 7	n.a.	W17
T 18	3 37 53	23°59'12	10♌56	8°50	6°21	28°52	22°43	1° 2	19°41	25°20	8°24	4°15	5°13	9°14	n.a.	T 18
F 19	3 41 49	25° 0'23	22°43	10°19	7°36	29°20	22°37	1° 7	19°44	25°21	8°23	4°R16	5°10	9°21	n.a.	F 19
S 20	3 45 46	26° 1'35	4♍36	11°49	8°52	29°48	22°30	1°11	19°48	25°21	8°22	4°15	5° 7	9°27	n.a.	S 20
S 21	3 49 42	27° 2'49	16°39	13°19	10° 7	0♍15	22°24	1°15	19°51	25°21	8°21	4°13	5° 4	9°34	n.a.	S 21
M22	3 53 39	28° 4'02	28°58	14°50	11°23	0°43	22°17	1°20	19°54	25°22	8°20	4° 9	5° 1	9°40	n.a.	M22
T 23	3 57 36	29° 5'17	11♎37	16°21	12°38	1°10	22°10	1°24	19°57	25°22	8°19	4° 2	4°57	9°47	n.a.	T 23
W24	4 1 32	0♐ 6'32	24°38	17°52	13°54	1°37	22° 3	1°29	20° 0	25°22	8°18	3°53	4°54	9°54	n.a.	W24
T 25	4 5 29	1° 7'47	8♏ 3	19°23	15° 9	2° 3	21°56	1°34	20° 3	25°22	8°17	3°42	4°51	10° 0	n.a.	T 25
F 26	4 9 25	2° 9'03	21°51	20°55	16°25	2°30	21°49	1°39	20° 6	25°22	8°16	3°31	4°48	10° 7	n.a.	F 26
S 27	4 13 22	3°10'19	5♐57	22°27	17°40	2°56	21°42	1°44	20° 9	25°23	8°15	3°21	4°45	10°14	n.a.	S 27
S 28	4 17 18	4°11'36	20°17	23°59	18°55	3°22	21°34	1°49	20°12	25°23	8°14	3°12	4°42	10°20	n.a.	S 28
M29	4 21 15	5°12'52	4♑45	25°32	20°11	3°48	21°27	1°54	20°15	25°23	8°13	3° 6	4°38	10°27	n.a.	M29
T 30	4 25 11	6♐14'09	19♑14	27♏ 5	21♏26	4♍13	21♊19	1♒59	20♎18	25°R23	8♋12	3♒ 3	4♒35	10♌34	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13s54	26s54	3s18	4s18	2n27	4s35	1n31	16n34	1n51	23n28	0s 6	21s36	1s16	6s55	0n32	14n18	1n 5	27n52	4n27	19s 0	18s57	18n32		n.a.
T 2	14 14	25 40	2 17	4 43	2 25	5 5	1 30	16 24	1 52	23 28	0 6	21 36	1 16	6 56	0 32	14 18	1 5	27 52	4 28	19 1	18 58	18 29		n.a.
W 3	14 34	22 48	1 7	5 9	2 22	5 35	1 29	16 15	1 53	23 28	0 6	21 35	1 16	6 58	0 32	14 17	1 5	27 52	4 28	19 2	18 58	18 27		n.a.
T 4	14 53	18 34	0n 7	5 38	2 18	6 5	1 28	16 6	1 54	23 28	0 6	21 34	1 16	6 59	0 32	14 17	1 5	27 53	4 28	19 2	18 59	18 24		n.a.
F 5	15 13	13 19	1 21	6 9	2 14	6 34	1 27	15 57	1 55	23 28	0 6	21 34	1 16	7 1	0 32	14 17	1 5	27 53	4 28	19 2	19 0	18 21		n.a.
S 6	15 32	7 23	2 29	6 41	2 10	7 4	1 26	15 48	1 56	23 28	0 6	21 33	1 16	7 2	0 32	14 17	1 5	27 53	4 28	19 2	19 1	18 19		n.a.
S 7	15 51	1 6	3 28	7 14	2 4	7 34	1 24	15 39	1 57	23 27	0 6	21 32	1 16	7 3	0 32	14 16	1 5	27 53	4 28	19 3	19 2	18 16		n.a.
M 8	16 9	5n11	4 15	7 48	1 59	8 3	1 23	15 30	1 58	23 27	0 5	21 31	1 16	7 5	0 32	14 16	1 5	27 53	4 29	19 5	19 2	18 14		n.a.
T 9	16 28	11 9	4 45	8 23	1 53	8 32	1 22	15 21	1 59	23 27	0 5	21 30	1 16	7 6	0 32	14 16	1 5	27 54	4 29	19 7	19 3	18 11		n.a.
W10	16 46	16 31	5 0	8 58	1 47	9 1	1 20	15 12	2 0	23 27	0 5	21 30	1 16	7 7	0 32	14 16	1 5	27 54	4 29	19 10	19 4	18 9		n.a.
T 11	17 3	20 59	4 57	9 34	1 40	9 30	1 19	15 3	2 1	23 27	0 5	21 29	1 16	7 9	0 32	14 16	1 5	27 54	4 29	19 13	19 5	18 6		n.a.
F 12	17 21	24 17	4 38	10 10	1 34	9 58	1 17	14 53	2 2	23 27	0 5	21 28	1 16	7 10	0 32	14 15	1 5	27 54	4 29	19 16	19 6	18 3		n.a.
S 13	17 38	26 16	4 5	10 46	1 27	10 27	1 15	14 44	2 3	23 27	0 5	21 27	1 16	7 11	0 32	14 15	1 6	27 54	4 29	19 19	19 6	18 1		n.a.
S 14	17 55	26 51	3 21	11 23	1 20	10 55	1 14	14 35	2 4	23 27	0 5	21 26	1 16	7 12	0 32	14 15	1 6	27 55	4 30	19 22	19 7	17 58		n.a.
M15	18 11	26 4	2 28	11 59	1 13	11 23	1 12	14 26	2 5	23 26	0 4	21 25	1 16	7 14	0 32	14 15	1 6	27 55	4 30	19 23	19 8	17 55		n.a.
T 16	18 27	24 3	1 29	12 35	1 6	11 50	1 10	14 17	2 6	23 26	0 4	21 24	1 16	7 15	0 32	14 15	1 6	27 55	4 30	19 24	19 9	17 53		n.a.
W17	18 43	21 0	0 27	13 11	0 59	12 17	1 8	14 8	2 7	23 26	0 4	21 23	1 16	7 16	0 32	14 15	1 6	27 55	4 30	19 24	19 9	17 50		n.a.
T 18	18 58	17 7	0s36	13 47	0 52	12 44	1 7	13 59	2 8	23 26	0 4	21 22	1 16	7 17	0 32	14 15	1 6	27 56	4 30	19 24	19 10	17 48		n.a.
F 19	19 14	12 34	1 37	14 22	0 44	13 11	1 5	13 51	2 9	23 26	0 4	21 21	1 16	7 19	0 32	14 15	1 6	27 56	4 30	19 24	19 11	17 45		n.a.
S 20	19 28	7 32	2 34	14 57	0 37	13 37	1 3	13 42	2 10	23 25	0 4	21 20	1 15	7 20	0 32	14 15	1 6	27 56	4 31	19 24	19 12	17 42		n.a.
S 21	19 43	2 10	3 26	15 32	0 30	14 3	1 1	13 33	2 11	23 25	0 4	21 19	1 15	7 21	0 32	14 14	1 6	27 56	4 31	19 25	19 13	17 40		n.a.
M22	19 57	3s23	4 9	16 6	0 23	14 29	0 59	13 24	2 13	23 25	0 3	21 18	1 15	7 22	0 32	14 14	1 6	27 56	4 31	19 26	19 13	17 37		n.a.
T 23	20 10	8 57	4 41	16 39	0 16	14 54	0 57	13 15	2 14	23 25	0 3	21 17	1 15	7 24	0 32	14 14	1 6	27 57	4 31	19 27	19 14	17 34		n.a.
W24	20 24	14 17	5 0	17 12	0 9	15 19	0 55	13 7	2 15	23 24	0 3	21 16	1 15	7 25	0 32	14 14	1 6	27 57	4 31	19 30	19 15	17 32		n.a.
T 25	20 37	19 7	5 3	17 44	0 2	15 43	0 52	12 58	2 16	23 24	0 3	21 15	1 15	7 26	0 32	14 14	1 6	27 57	4 31	19 32	19 16	17 29		n.a.
F 26	20 49	23 4	4 49	18 16	0s 5	16 7	0 50	12 49	2 17	23 24	0 3	21 14	1 15	7 27	0 32	14 14	1 6	27 57	4 31	19 35	19 16	17 27		n.a.
S 27	21 1	25 45	4 17	18 46	0 12	16 31	0 48	12 41	2 18	23 23	0 3	21 13	1 15	7 28	0 32	14 14	1 6	27 58	4 32	19 37	19 17	17 24		n.a.
S 28	21 13	26 48	3 28	19 16	0 19	16 54	0 46	12 33	2 19	23 23	0 3	21 12	1 15	7 29	0 32	14 14	1 6	27 58	4 32	19 39	19 18	17 21		n.a.
M29	21 24	26 2	2 25	19 46	0 25	17 17	0 44	12 24	2 21	23 23	0 2	21 10	1 15	7 30	0 32	14 14	1 6	27 58	4 32	19 41	19 19	17 19		n.a.
T 30	21s35	23s31	1s13	20s14	0s32	17s39	0n41	12n16	2n22	23n22	0s 2	21s 9	1s15	7s31	0n32	14n14	1n 6	27n58	4n32	19s41	19s20	17n16		n.a.

Julian Day Number = 1707117.5, Delta T = 03h02m36s
Ecliptic obliquity = 23°42'05, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°36'13, Lahiri = - 4°29'13 Julian Calendar 1 Nov. 40 BCE == Greg. Calendar 30 Oct. 040 BCE

The year -39 astronomical counting style corresponds to year 040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 40 BCE
geocentric

DECEMBER 40 BCE (-39) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 29 8	7♐15'25	3♒40	28♏38	22♏42	4♍38	21°R12	2♒ 4	20♎21	25°R23	8°R11	3°D 2	4♒32	10♌40	n.a.	W 1
T 2	4 33 5	8°16'41	17°59	0♐11	23°57	5° 3	21♊ 4	2° 9	20°24	25♌23	8♋ 9	3♒ 3	4°29	10°47	n.a.	T 2
F 3	4 37 1	9°17'57	2♓ 8	1°45	25°13	5°28	20°56	2°15	20°27	25°23	8° 8	3° 4	4°26	10°54	n.a.	F 3
S 4	4 40 58	10°19'12	16° 7	3°19	26°28	5°52	20°48	2°20	20°29	25°22	8° 7	3°R 4	4°22	11° 0	n.a.	S 4
S 5	4 44 54	11°20'27	29°55	4°53	27°43	6°16	20°40	2°25	20°32	25°22	8° 6	3° 2	4°19	11° 7	n.a.	S 5
M 6	4 48 51	12°21'41	13♈32	6°28	28°59	6°40	20°32	2°31	20°35	25°22	8° 5	2°58	4°16	11°13	n.a.	M 6
T 7	4 52 47	13°22'55	26°58	8° 3	0♐14	7° 4	20°25	2°36	20°37	25°22	8° 4	2°52	4°13	11°20	n.a.	T 7
W 8	4 56 44	14°24'09	10♉13	9°38	1°30	7°27	20°17	2°42	20°40	25°22	8° 2	2°44	4°10	11°27	n.a.	W 8
T 9	5 0 40	15°25'22	23°15	11°14	2°45	7°50	20° 8	2°48	20°43	25°21	8° 1	2°35	4° 7	11°33	n.a.	T 9
F 10	5 4 37	16°26'35	6♊ 4	12°50	4° 0	8°13	20° 0	2°54	20°45	25°21	8° 0	2°26	4° 3	11°40	n.a.	F 10
S 11	5 8 34	17°27'48	18°40	14°27	5°16	8°35	19°52	3° 0	20°48	25°21	7°59	2°19	4° 0	11°47	n.a.	S 11
S 12	5 12 30	18°29'00	1♋ 3	16° 4	6°31	8°57	19°44	3° 5	20°50	25°20	7°57	2°12	3°57	11°53	n.a.	S 12
M13	5 16 27	19°30'12	13°13	17°41	7°47	9°19	19°36	3°11	20°52	25°20	7°56	2° 8	3°54	12° 0	n.a.	M13
T 14	5 20 23	20°31'23	25°13	19°19	9° 2	9°40	19°28	3°17	20°55	25°19	7°55	2° 6	3°51	12° 7	n.a.	T 14
W15	5 24 20	21°32'34	7♌ 5	20°58	10°17	10° 1	19°20	3°23	20°57	25°19	7°53	2°D 6	3°48	12°13	n.a.	W15
T 16	5 28 16	22°33'45	18°53	22°37	11°33	10°22	19°12	3°30	20°59	25°18	7°52	2° 7	3°44	12°20	n.a.	T 16
F 17	5 32 13	23°34'55	0♍40	24°16	12°48	10°42	19° 4	3°36	21° 2	25°18	7°51	2° 9	3°41	12°27	n.a.	F 17
S 18	5 36 10	24°36'05	12°32	25°56	14° 4	11° 2	18°56	3°42	21° 4	25°17	7°50	2°11	3°38	12°33	n.a.	S 18
S 19	5 40 6	25°37'15	24°33	27°36	15°19	11°22	18°48	3°48	21° 6	25°16	7°48	2°R11	3°35	12°40	n.a.	S 19
M20	5 44 3	26°38'24	6♎50	29°17	16°34	11°41	18°40	3°55	21° 8	25°16	7°47	2°11	3°32	12°47	n.a.	M20
T 21	5 47 59	27°39'33	19°26	0♏59	17°50	12° 0	18°32	4° 1	21°10	25°15	7°46	2° 9	3°28	12°53	n.a.	T 21
W22	5 51 56	28°40'41	2♏26	2°40	19° 5	12°18	18°24	4° 7	21°12	25°14	7°44	2° 5	3°25	13° 0	n.a.	W22
T 23	5 55 52	29°41'49	15°52	4°23	20°20	12°36	18°16	4°14	21°14	25°14	7°43	2° 0	3°22	13° 6	n.a.	T 23
F 24	5 59 49	0♑42'56	29°44	6° 6	21°36	12°54	18° 8	4°20	21°16	25°13	7°41	1°55	3°19	13°13	n.a.	F 24
S 25	6 3 45	1°44'03	14♐ 1	7°49	22°51	13°11	18° 1	4°27	21°18	25°12	7°40	1°50	3°16	13°20	n.a.	S 25
S 26	6 7 42	2°45'08	28°39	9°33	24° 6	13°27	17°53	4°34	21°19	25°11	7°39	1°46	3°13	13°26	n.a.	S 26
M27	6 11 39	3°46'13	13♑29	11°17	25°22	13°44	17°46	4°40	21°21	25°10	7°37	1°44	3° 9	13°33	n.a.	M27
T 28	6 15 35	4°47'17	28°24	13° 1	26°37	13°59	17°38	4°47	21°23	25° 9	7°36	1°D43	3° 6	13°40	n.a.	T 28
W29	6 19 32	5°48'20	13♒17	14°46	27°52	14°15	17°31	4°54	21°25	25° 8	7°35	1°43	3° 3	13°46	n.a.	W29
T 30	6 23 28	6°49'21	27°59	16°30	29° 7	14°30	17°24	5° 0	21°26	25° 7	7°33	1°44	3° 0	13°53	n.a.	T 30
F 31	6 27 25	7♑50'21	12♓27	18♑15	0♑23	14♍44	17♊16	5♒ 7	21♎28	25♌ 7	7♋32	1♒46	2♒57	14♌ 0	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	21s46	19s29	0n 3	20s41	0s38	18s 1	0n39	12n 8	2n23	23n22	0s 2	21s 8	1s15	7s33	0n32	14n15	1n 6	27n58	4n32	19s41	19s20	17n13			n.a.
T 2	21 56	14 21	1 19	21 8	0 44	18 22	0 37	12 0	2 24	23 22	0 2	21 7	1 15	7 34	0 32	14 15	1 6	27 59	4 32	19 41	19 21	17 11			n.a.
F 3	22 5	8 30	2 30	21 33	0 50	18 43	0 34	11 51	2 25	23 21	0 2	21 6	1 15	7 35	0 32	14 15	1 6	27 59	4 32	19 41	19 22	17 8			n.a.
S 4	22 14	2 18	3 30	21 58	0 56	19 3	0 32	11 43	2 27	23 21	0 2	21 4	1 15	7 36	0 32	14 15	1 7	27 59	4 33	19 41	19 23	17 5			n.a.
S 5	22 23	3n54	4 18	22 21	1 2	19 23	0 30	11 36	2 28	23 21	0 2	21 3	1 15	7 37	0 32	14 15	1 7	27 59	4 33	19 42	19 23	17 3			n.a.
M 6	22 31	9 50	4 50	22 44	1 7	19 42	0 27	11 28	2 29	23 20	0 1	21 2	1 15	7 38	0 32	14 15	1 7	27 59	4 33	19 42	19 24	17 0			n.a.
T 7	22 39	15 14	5 6	23 5	1 13	20 1	0 25	11 20	2 30	23 20	0 1	21 0	1 15	7 39	0 32	14 15	1 7	28 0	4 33	19 44	19 25	16 57			n.a.
W 8	22 47	19 51	5 5	23 25	1 18	20 19	0 22	11 12	2 32	23 19	0 1	20 59	1 15	7 40	0 32	14 15	1 7	28 0	4 33	19 46	19 26	16 54			n.a.
T 9	22 54	23 25	4 48	23 44	1 23	20 37	0 20	11 5	2 33	23 19	0 1	20 58	1 15	7 41	0 32	14 15	1 7	28 0	4 33	19 48	19 26	16 52			n.a.
F 10	23 0	25 46	4 17	24 2	1 28	20 54	0 18	10 58	2 34	23 18	0 1	20 56	1 15	7 42	0 32	14 16	1 7	28 0	4 33	19 50	19 27	16 49			n.a.
S 11	23 6	26 45	3 33	24 19	1 32	21 10	0 15	10 50	2 35	23 18	0 1	20 55	1 15	7 42	0 32	14 16	1 7	28 0	4 33	19 52	19 28	16 46			n.a.
S 12	23 12	26 22	2 40	24 34	1 36	21 26	0 13	10 43	2 37	23 17	0 1	20 54	1 15	7 43	0 32	14 16	1 7	28 1	4 34	19 53	19 29	16 44			n.a.
M13	23 17	24 42	1 41	24 47	1 40	21 41	0 10	10 36	2 38	23 17	0 0	20 52	1 15	7 44	0 32	14 16	1 7	28 1	4 34	19 54	19 29	16 41			n.a.
T 14	23 21	21 56	0 37	25 0	1 44	21 55	0 8	10 29	2 39	23 16	0 0	20 51	1 15	7 45	0 32	14 16	1 7	28 1	4 34	19 54	19 30	16 38			n.a.
W15	23 26	18 16	0s27	25 11	1 48	22 9	0 5	10 22	2 41	23 16	0 0	20 49	1 15	7 46	0 32	14 16	1 7	28 1	4 34	19 54	19 31	16 36			n.a.
T 16	23 29	13 54	1 30	25 20	1 51	22 22	0 3	10 16	2 42	23 15	0n 0	20 48	1 15	7 47	0 32	14 17	1 7	28 1	4 34	19 54	19 32	16 33			n.a.
F 17	23 33	9 2	2 29	25 28	1 54	22 34	0 1	10 9	2 43	23 15	0 0	20 46	1 15	7 48	0 32	14 17	1 7	28 2	4 34	19 54	19 32	16 30			n.a.
S 18	23 35	3 49	3 23	25 34	1 56	22 46	0s 2	10 3	2 45	23 14	0 0	20 45	1 15	7 48	0 32	14 17	1 7	28 2	4 34	19 53	19 33	16 27			n.a.
S 19	23 38	1s36	4 8	25 39	1 58	22 57	0 4	9 56	2 46	23 14	0 1	20 43	1 15	7 49	0 32	14 17	1 7	28 2	4 34	19 53	19 34	16 25			n.a.
M20	23 39	7 3	4 43	25 42	2 0	23 8	0 7	9 50	2 48	23 13	0 1	20 42	1 15	7 50	0 32	14 18	1 7	28 2	4 34	19 53	19 35	16 22			n.a.
T 21	23 41	12 23	5 5	25 43	2 1	23 17	0 9	9 44	2 49	23 13	0 1	20 40	1 15	7 51	0 32	14 18	1 7	28 2	4 35	19 54	19 35	16 19			n.a.
W22	23 42	17 19	5 13	25 43	2 3	23 26	0 12	9 38	2 50	23 12	0 1	20 39	1 15	7 52	0 32	14 18	1 7	28 2	4 35	19 55	19 36	16 16			n.a.
T 23	23 42	21 36	5 4	25 41	2 3	23 35	0 14	9 33	2 52	23 12	0 1	20 37	1 15	7 52	0 32	14 19	1 7	28 3	4 35	19 56	19 37	16 14			n.a.
F 24	23 42	24 49	4 37	25 37	2 3	23 42	0 16	9 27	2 53	23 11	0 1	20 36	1 15	7 53	0 32	14 19	1 7	28 3	4 35	19 57	19 38	16 11			n.a.
S 25	23 41	26 35	3 52	25 31	2 3	23 49	0 19	9 22	2 55	23 11	0 1	20 34	1 15	7 54	0 32	14 19	1 7	28 3	4 35	19 58	19 38	16 8			n.a.
S 26	23 40	26 33	2 52	25 23	2 2	23 55	0 21	9 17	2 56	23 10	0 2	20 32	1 15	7 54	0 32	14 20	1 8	28 3	4 35	19 59	19 39	16 6			n.a.
M27	23 39	24 39	1 39	25 13	2 1	24 0	0 23	9 12	2 58	23 10	0 2	20 31	1 15	7 55	0 32	14 20	1 8	28 3	4 35	20 0	19 40	16 3			n.a.
T 28	23 37	21 0	0 18	25 2	1 59	24 5	0 26	9 7	2 59	23 9	0 2	20 29	1 15	7 56	0 32	14 20	1 8	28 3	4 35	20 0	19 41	16 0			n.a.
W29	23 34	16 0	1n 3	24 48	1 57	24 9	0 28	9 2	3 1	23 8	0 2	20 27	1 15	7 56	0 33	14 21	1 8	28 4	4 35	20 0	19 41	15 57			n.a.
T 30	23 31	10 7	2 20	24 33	1 53	24 12	0 30	8 58	3 2	23 8	0 2	20 26	1 15	7 57	0 33	14 21	1 8	28 4	4 35	19 59	19 42	15 55			n.a.
F 31	23s28	3s48	3n26	24s15	1s50	24s14	0s32	8n53	3n 3	23n 7	0n 2	20s24	1s15	7s57	0n33	14n21	1n 8	28n 4	4n35	19s59	19s43	15n52			n.a.

Julian Day Number = 1707147.5, Delta T = 03h02m36s
Ecliptic obliquity = 23°42'04, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°36'09, Lahiri = - 4°29'09 Julian Calendar 1 Dec. 40 BCE == Greg. Calendar 29 Nov. 040 BCE

The year -39 astronomical counting style corresponds to year 040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 39 BCE
geocentric

JANUARY 39 BCE (-38) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 31 21	8♉51'19	26♓36	19♉59	1♉38	14♍58	17°R 9	5♒14	21♎29	25°R 5	7°R31	1♒47	2♒54	14♌ 6	n.a.	S 1
S 2	6 35 18	9°52'16	10♈26	21°44	2°53	15°11	17♊ 2	5°21	21°31	25♌ 4	7♋29	1°R47	2°50	14°13	n.a.	S 2
M 3	6 39 15	10°53'12	23°57	23°27	4° 8	15°24	16°55	5°28	21°32	25° 3	7°28	1°47	2°47	14°20	n.a.	M 3
T 4	6 43 11	11°54'06	7♉10	25°10	5°24	15°36	16°49	5°35	21°33	25° 2	7°26	1°45	2°44	14°26	n.a.	T 4
W 5	6 47 8	12°54'59	20° 7	26°52	6°39	15°48	16°42	5°42	21°35	25° 1	7°25	1°43	2°41	14°33	n.a.	W 5
T 6	6 51 4	13°55'50	2♊49	28°32	7°54	15°59	16°36	5°49	21°36	25° 0	7°24	1°40	2°38	14°40	n.a.	T 6
F 7	6 55 1	14°56'40	15°18	0♒11	9° 9	16°10	16°29	5°56	21°37	24°59	7°22	1°37	2°34	14°46	n.a.	F 7
S 8	6 58 57	15°57'28	27°36	1°47	10°24	16°20	16°23	6° 3	21°38	24°58	7°21	1°35	2°31	14°53	n.a.	S 8
S 9	7 2 54	16°58'14	9♋44	3°21	11°40	16°30	16°17	6°10	21°39	24°56	7°20	1°33	2°28	15° 0	n.a.	S 9
M10	7 6 50	17°59'00	21°44	4°51	12°55	16°38	16°11	6°17	21°40	24°55	7°18	1°32	2°25	15° 6	n.a.	M10
T 11	7 10 47	18°59'44	3♌38	6°18	14°10	16°47	16° 5	6°24	21°41	24°54	7°17	1°D32	2°22	15°13	n.a.	T 11
W12	7 14 44	20° 0'26	15°27	7°40	15°25	16°54	16° 0	6°31	21°42	24°53	7°16	1°32	2°19	15°19	n.a.	W12
T 13	7 18 40	21° 1'07	27°14	8°56	16°40	17° 2	15°54	6°39	21°43	24°51	7°14	1°33	2°15	15°26	n.a.	T 13
F 14	7 22 37	22° 1'47	9♍ 3	10° 7	17°55	17° 8	15°49	6°46	21°44	24°50	7°13	1°34	2°12	15°33	n.a.	F 14
S 15	7 26 33	23° 2'25	20°56	11°12	19°10	17°14	15°44	6°53	21°45	24°49	7°12	1°35	2° 9	15°39	n.a.	S 15
S 16	7 30 30	24° 3'02	2♎58	12° 9	20°25	17°19	15°39	7° 0	21°45	24°47	7°10	1°36	2° 6	15°46	n.a.	S 16
M17	7 34 26	25° 3'37	15°13	12°58	21°40	17°23	15°34	7° 8	21°46	24°46	7° 9	1°37	2° 3	15°53	n.a.	M17
T 18	7 38 23	26° 4'12	27°45	13°38	22°55	17°27	15°29	7°15	21°46	24°45	7° 8	1°R37	1°59	15°59	n.a.	T 18
W19	7 42 19	27° 4'44	10♏38	14° 9	24°11	17°30	15°25	7°22	21°47	24°43	7° 6	1°36	1°56	16° 6	n.a.	W19
T 20	7 46 16	28° 5'16	23°57	14°30	25°26	17°33	15°21	7°29	21°47	24°42	7° 5	1°36	1°53	16°13	n.a.	T 20
F 21	7 50 13	29° 5'46	7♐42	14°41	26°41	17°34	15°17	7°37	21°48	24°40	7° 4	1°36	1°50	16°19	n.a.	F 21
S 22	7 54 9	0♒ 6'15	21°54	14°R42	27°56	17°35	15°13	7°44	21°48	24°39	7° 3	1°36	1°47	16°26	n.a.	S 22
S 23	7 58 6	1° 6'42	6♑32	14°33	29°11	17°R35	15° 9	7°51	21°49	24°37	7° 1	1°D36	1°44	16°33	n.a.	S 23
M24	8 2 2	2° 7'08	21°28	14°14	0♒26	17°35	15° 5	7°59	21°49	24°36	7° 0	1°36	1°40	16°39	n.a.	M24
T 25	8 5 59	3° 7'32	6♒37	13°46	1°41	17°34	15° 2	8° 6	21°49	24°34	6°59	1°R36	1°37	16°46	n.a.	T 25
W26	8 9 55	4° 7'54	21°48	13° 8	2°56	17°32	14°59	8°13	21°49	24°33	6°58	1°35	1°34	16°53	n.a.	W26
T 27	8 13 52	5° 8'14	6♓52	12°23	4°11	17°29	14°56	8°21	21°49	24°31	6°57	1°35	1°31	16°59	n.a.	T 27
F 28	8 17 48	6° 8'31	21°41	11°32	5°25	17°25	14°53	8°28	21°R49	24°30	6°55	1°35	1°28	17° 6	n.a.	F 28
S 29	8 21 45	7° 8'47	6♈ 9	10°35	6°40	17°21	14°50	8°36	21°49	24°28	6°54	1°34	1°25	17°13	n.a.	S 29
S 30	8 25 42	8° 9'01	20°11	9°34	7°55	17°16	14°48	8°43	21°49	24°27	6°53	1°34	1°21	17°19	n.a.	S 30
M31	8 29 38	9♒ 9'12	3♉48	8♒31	9♒10	17♍10	14♊45	8♒50	21♎49	24♌25	6♋52	1°D33	1♒18	17♌26	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s24	2n35	4n18	23s56	1s46	24s16	0s35	8n49	3n 5	23n 7	0n 2	20s22	1s15	7s58	0n33	14n22	1n 8	28n 4	4n35	19s59	19s44	15n49		n.a.
S 2	23 20	8 40	4 54	23 35	1 41	24 17	0 37	8 46	3 7	23 6	0 3	20 21	1 15	7 58	0 33	14 22	1 8	28 4	4 36	19 59	19 44	15 46		n.a.
M 3	23 15	14 13	5 13	23 12	1 35	24 17	0 39	8 42	3 8	23 6	0 3	20 19	1 15	7 59	0 33	14 22	1 8	28 4	4 36	19 59	19 45	15 43		n.a.
T 4	23 10	18 59	5 14	22 47	1 28	24 16	0 41	8 38	3 10	23 5	0 3	20 17	1 15	7 59	0 33	14 23	1 8	28 5	4 36	19 59	19 46	15 41		n.a.
W 5	23 4	22 46	5 0	22 20	1 21	24 15	0 43	8 35	3 11	23 5	0 3	20 16	1 15	8 0	0 33	14 23	1 8	28 5	4 36	20 0	19 47	15 38		n.a.
T 6	22 58	25 22	4 30	21 52	1 13	24 13	0 45	8 32	3 13	23 4	0 3	20 14	1 15	8 0	0 33	14 24	1 8	28 5	4 36	20 0	19 47	15 35		n.a.
F 7	22 51	26 40	3 49	21 23	1 4	24 10	0 47	8 29	3 14	23 4	0 3	20 12	1 15	8 1	0 33	14 24	1 8	28 5	4 36	20 1	19 48	15 32		n.a.
S 8	22 44	26 38	2 57	20 52	0 55	24 6	0 49	8 27	3 16	23 3	0 3	20 10	1 15	8 1	0 33	14 25	1 8	28 5	4 36	20 1	19 49	15 30		n.a.
S 9	22 37	25 18	1 58	20 20	0 44	24 2	0 51	8 24	3 17	23 3	0 4	20 9	1 15	8 1	0 33	14 25	1 8	28 5	4 36	20 2	19 49	15 27		n.a.
M10	22 29	22 49	0 54	19 47	0 33	23 56	0 53	8 22	3 19	23 2	0 4	20 7	1 15	8 2	0 33	14 25	1 8	28 5	4 36	20 2	19 50	15 24		n.a.
T 11	22 20	19 22	0s12	19 14	0 21	23 51	0 55	8 21	3 20	23 2	0 4	20 5	1 15	8 2	0 33	14 26	1 8	28 5	4 36	20 2	19 51	15 21		n.a.
W12	22 11	15 10	1 16	18 41	0 8	23 44	0 56	8 19	3 22	23 1	0 4	20 3	1 15	8 2	0 33	14 26	1 8	28 6	4 36	20 2	19 52	15 18		n.a.
T 13	22 2	10 24	2 18	18 7	0n 6	23 37	0 58	8 17	3 23	23 1	0 4	20 1	1 15	8 3	0 33	14 27	1 8	28 6	4 36	20 2	19 52	15 16		n.a.
F 14	21 53	5 16	3 14	17 34	0 21	23 28	1 0	8 16	3 25	23 0	0 4	20 0	1 15	8 3	0 33	14 27	1 8	28 6	4 36	20 2	19 53	15 13		n.a.
S 15	21 43	0s 4	4 1	17 2	0 36	23 20	1 1	8 15	3 26	23 0	0 4	19 58	1 15	8 3	0 33	14 28	1 8	28 6	4 36	20 1	19 54	15 10		n.a.
S 16	21 32	5 27	4 39	16 31	0 51	23 10	1 3	8 15	3 28	23 0	0 5	19 56	1 15	8 4	0 33	14 28	1 8	28 6	4 36	20 1	19 55	15 7		n.a.
M17	21 21	10 44	5 5	16 2	1 7	23 0	1 5	8 14	3 29	22 59	0 5	19 54	1 15	8 4	0 33	14 29	1 8	28 6	4 36	20 1	19 55	15 4		n.a.
T 18	21 10	15 42	5 17	15 35	1 24	22 49	1 6	8 14	3 31	22 59	0 5	19 52	1 15	8 4	0 33	14 29	1 8	28 6	4 36	20 1	19 56	15 2		n.a.
W19	20 58	20 8	5 14	15 10	1 40	22 37	1 8	8 15	3 33	22 58	0 5	19 51	1 15	8 4	0 33	14 30	1 8	28 6	4 36	20 1	19 57	14 59		n.a.
T 20	20 46	23 42	4 54	14 48	1 57	22 25	1 9	8 15	3 34	22 58	0 5	19 49	1 15	8 4	0 33	14 30	1 8	28 6	4 36	20 1	19 57	14 56		n.a.
F 21	20 34	26 3	4 17	14 29	2 13	22 12	1 10	8 16	3 36	22 58	0 5	19 47	1 15	8 4	0 33	14 31	1 8	28 7	4 36	20 1	19 58	14 53		n.a.
S 22	20 21	26 50	3 23	14 14	2 29	21 58	1 12	8 17	3 37	22 57	0 5	19 45	1 15	8 5	0 33	14 31	1 8	28 7	4 36	20 1	19 59	14 50		n.a.
S 23	20 8	25 47	2 15	14 2	2 44	21 44	1 13	8 18	3 38	22 57	0 5	19 43	1 15	8 5	0 33	14 32	1 9	28 7	4 36	20 1	20 0	14 48		n.a.
M24	19 54	22 53	0 56	13 54	2 58	21 29	1 14	8 20	3 40	22 57	0 6	19 41	1 15	8 5	0 33	14 32	1 9	28 7	4 36	20 1	20 0	14 45		n.a.
T 25	19 40	18 22	0n28	13 50	3 11	21 14	1 15	8 21	3 41	22 57	0 6	19 39	1 16	8 5	0 33	14 33	1 9	28 7	4 36	20 1	20 1	14 42		n.a.
W26	19 26	12 39	1 50	13 49	3 22	20 57	1 16	8 23	3 43	22 56	0 6	19 37	1 16	8 5	0 33	14 34	1 9	28 7	4 37	20 1	20 2	14 39		n.a.
T 27	19 11	6 14	3 4	13 53	3 32	20 41	1 17	8 26	3 44	22 56	0 6	19 36	1 16	8 5	0 33	14 34	1 9	28 7	4 37	20 1	20 2	14 36		n.a.
F 28	18 57	0n24	4 4	13 59	3 40	20 23	1 18	8 29	3 46	22 56	0 6	19 34	1 16	8 5	0 33	14 35	1 9	28 7	4 37	20 2	20 3	14 33		n.a.
S 29	18 41	6 51	4 47	14 9	3 46	20 5	1 19	8 32	3 47	22 56	0 6	19 32	1 16	8 5	0 33	14 35	1 9	28 7	4 37	20 2	20 4	14 31		n.a.
S 30	18 26	12 46	5 12	14 22	3 49	19 47	1 20	8 35	3 48	22 56	0 6	19 30	1 16	8 5	0 33	14 36	1 9	28 7	4 37	20 2	20 5	14 28		n.a.
M31	18s10	17n53	5n18	14s37	3n51	19s27	1s21	8n38	3n49	22n56	0n 6	19s28	1s16	8s 5	0n33	14n36	1n 9	28n 7	4n37	20s 2	20s 5	14n25		n.a.

Julian Day Number = 1707178.5, Delta T = 03h02m35s
Ecliptic obliquity = 23°42'04, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°36'05, Lahiri = - 4°29'05 Julian Calendar 1 Jan. 39 BCE == Greg. Calendar 30 Dec. 040 BCE

The year -38 astronomical counting style corresponds to year 039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 39 BCE
geocentric

FEBRUARY 39 BCE (-38) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 33 35	10♒ 9'21	17♉ 1	7°R28	10♒25	17°R 3	14°R43	8♒58	21°R49	24°R23	6°R51	1♒33	1♒15	17♌32	n.a.	T 1
W 2	8 37 31	11° 9'28	29°51	6♒25	11°40	16♍55	14♊42	9° 5	21♎49	24♌22	6♋50	1°34	1°12	17°39	n.a.	W 2
T 3	8 41 28	12° 9'33	12♊22	5°25	12°55	16°47	14°40	9°12	21°48	24°20	6°49	1°35	1° 9	17°46	n.a.	T 3
F 4	8 45 24	13° 9'36	24°39	4°28	14°10	16°38	14°38	9°20	21°48	24°19	6°48	1°36	1° 5	17°52	n.a.	F 4
S 5	8 49 21	14° 9'37	6♋44	3°36	15°24	16°28	14°37	9°27	21°48	24°17	6°47	1°37	1° 2	17°59	n.a.	S 5
S 6	8 53 17	15° 9'35	18°41	2°48	16°39	16°18	14°36	9°35	21°47	24°15	6°46	1°38	0°59	18° 6	n.a.	S 6
M 7	8 57 14	16° 9'31	0♌32	2° 7	17°54	16° 7	14°35	9°42	21°47	24°14	6°45	1°R38	0°56	18°12	n.a.	M 7
T 8	9 1 11	17° 9'25	12°21	1°32	19° 9	15°55	14°35	9°49	21°46	24°12	6°44	1°38	0°53	18°19	n.a.	T 8
W 9	9 5 7	18° 9'17	24° 9	1° 3	20°23	15°42	14°34	9°57	21°45	24°10	6°43	1°37	0°50	18°26	n.a.	W 9
T 10	9 9 4	19° 9'07	5♍59	0°41	21°38	15°28	14°34	10° 4	21°45	24° 9	6°42	1°35	0°46	18°32	n.a.	T 10
F 11	9 13 0	20° 8'55	17°52	0°26	22°53	15°14	14°D34	10°11	21°44	24° 7	6°41	1°32	0°43	18°39	n.a.	F 11
S 12	9 16 57	21° 8'40	29°51	0°17	24° 8	14°59	14°34	10°18	21°43	24° 5	6°40	1°29	0°40	18°46	n.a.	S 12
S 13	9 20 53	22° 8'24	11♎58	0°D15	25°22	14°43	14°34	10°26	21°42	24° 4	6°39	1°26	0°37	18°52	n.a.	S 13
M14	9 24 50	23° 8'07	24°17	0°18	26°37	14°27	14°35	10°33	21°42	24° 2	6°38	1°23	0°34	18°59	n.a.	M14
T 15	9 28 46	24° 7'47	6♏50	0°28	27°51	14°10	14°35	10°40	21°41	24° 0	6°37	1°21	0°31	19° 6	n.a.	T 15
W16	9 32 43	25° 7'25	19°40	0°43	29° 6	13°52	14°36	10°47	21°40	23°59	6°36	1°D19	0°27	19°12	n.a.	W16
T 17	9 36 40	26° 7'02	2♐51	1° 3	0♓21	13°34	14°37	10°55	21°39	23°57	6°35	1°20	0°24	19°19	n.a.	T 17
F 18	9 40 36	27° 6'37	16°25	1°28	1°35	13°15	14°39	11° 2	21°38	23°56	6°35	1°20	0°21	19°26	n.a.	F 18
S 19	9 44 33	28° 6'10	0♑25	1°58	2°50	12°56	14°40	11° 9	21°36	23°54	6°34	1°22	0°18	19°32	n.a.	S 19
S 20	9 48 29	29° 5'42	14°49	2°33	4° 4	12°36	14°42	11°16	21°35	23°52	6°33	1°23	0°15	19°39	n.a.	S 20
M21	9 52 26	0♓ 5'11	29°35	3°11	5°19	12°16	14°43	11°23	21°34	23°51	6°32	1°R24	0°11	19°46	n.a.	M21
T 22	9 56 22	1° 4'38	14♒38	3°53	6°33	11°55	14°45	11°31	21°33	23°49	6°32	1°24	0° 8	19°52	n.a.	T 22
W23	10 0 19	2° 4'04	29°51	4°39	7°48	11°34	14°48	11°38	21°32	23°47	6°31	1°21	0° 5	19°59	n.a.	W23
T 24	10 4 15	3° 3'27	15♓ 2	5°29	9° 2	11°12	14°50	11°45	21°30	23°46	6°30	1°18	0° 2	20° 6	n.a.	T 24
F 25	10 8 12	4° 2'47	0♈ 3	6°21	10°17	10°50	14°53	11°52	21°29	23°44	6°30	1°13	29♑59	20°12	n.a.	F 25
S 26	10 12 8	5° 2'06	14°44	7°17	11°31	10°28	14°55	11°59	21°27	23°42	6°29	1° 8	29°56	20°19	n.a.	S 26
S 27	10 16 5	6° 1'22	29° 0	8°16	12°46	10° 5	14°58	12° 6	21°26	23°41	6°28	1° 4	29°52	20°25	n.a.	S 27
M28	10 20 2	7♓ 0'36	12♉47	9♒17	14♓ 0	9♍42	15♊ 1	12♒13	21♎24	23♌39	6♋28	1♒ 0	29♑49	20♌32	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s53	21n59	5n 6	14s54	3n50	19s 8	1s22	8n42	3n51	22n55	0n 7	19s26	1s16	8s 5	0n33	14n37	1n 9	28n 7	4n37	20s 2	20s 6	14n22		n.a.
W 2	17 37	24 54	4 40	15 13	3 47	18 47	1 22	8 46	3 52	22 55	0 7	19 24	1 16	8 4	0 33	14 37	1 9	28 8	4 37	20 2	20 7	14 19		n.a.
T 3	17 20	26 30	4 1	15 32	3 42	18 27	1 23	8 50	3 53	22 55	0 7	19 22	1 16	8 4	0 33	14 38	1 9	28 8	4 37	20 2	20 7	14 16		n.a.
F 4	17 3	26 47	3 11	15 52	3 35	18 5	1 23	8 55	3 54	22 55	0 7	19 20	1 16	8 4	0 33	14 38	1 9	28 8	4 37	20 1	20 8	14 14		n.a.
S 5	16 46	25 45	2 14	16 13	3 27	17 44	1 24	9 0	3 55	22 55	0 7	19 18	1 16	8 4	0 33	14 39	1 9	28 8	4 37	20 1	20 9	14 11		n.a.
S 6	16 28	23 34	1 11	16 33	3 17	17 21	1 24	9 5	3 56	22 55	0 7	19 16	1 16	8 4	0 33	14 40	1 9	28 8	4 37	20 1	20 9	14 8		n.a.
M 7	16 10	20 21	0 6	16 53	3 6	16 59	1 25	9 10	3 57	22 55	0 7	19 14	1 16	8 4	0 33	14 40	1 9	28 8	4 37	20 1	20 10	14 5		n.a.
T 8	15 52	16 20	0s59	17 12	2 54	16 35	1 25	9 16	3 58	22 55	0 7	19 13	1 16	8 3	0 33	14 41	1 9	28 8	4 37	20 1	20 11	14 2		n.a.
W 9	15 33	11 43	2 1	17 31	2 42	16 12	1 25	9 22	3 59	22 55	0 7	19 11	1 17	8 3	0 33	14 41	1 9	28 8	4 37	20 1	20 12	13 59		n.a.
T 10	15 15	6 39	2 59	17 48	2 28	15 48	1 25	9 28	4 0	22 55	0 8	19 9	1 17	8 3	0 33	14 42	1 9	28 8	4 37	20 2	20 12	13 56		n.a.
F 11	14 56	1 21	3 49	18 5	2 15	15 23	1 26	9 34	4 0	22 55	0 8	19 7	1 17	8 3	0 34	14 42	1 9	28 8	4 37	20 2	20 13	13 53		n.a.
S 12	14 36	4s 2	4 29	18 20	2 1	14 58	1 26	9 40	4 1	22 56	0 8	19 5	1 17	8 2	0 34	14 43	1 9	28 8	4 37	20 3	20 14	13 51		n.a.
S 13	14 17	9 20	4 57	18 34	1 47	14 33	1 26	9 47	4 2	22 56	0 8	19 3	1 17	8 2	0 34	14 44	1 9	28 8	4 36	20 4	20 14	13 48		n.a.
M14	13 57	14 21	5 13	18 47	1 33	14 7	1 26	9 54	4 2	22 56	0 8	19 1	1 17	8 2	0 34	14 44	1 9	28 8	4 36	20 4	20 15	13 45		n.a.
T 15	13 37	18 52	5 14	18 59	1 20	13 41	1 25	10 1	4 3	22 56	0 8	18 59	1 17	8 1	0 34	14 45	1 9	28 8	4 36	20 5	20 16	13 42		n.a.
W16	13 17	22 38	4 59	19 9	1 6	13 14	1 25	10 8	4 3	22 56	0 8	18 57	1 17	8 1	0 34	14 45	1 9	28 8	4 36	20 5	20 16	13 39		n.a.
T 17	12 57	25 21	4 29	19 17	0 53	12 48	1 25	10 16	4 3	22 56	0 8	18 55	1 17	8 0	0 34	14 46	1 9	28 8	4 36	20 5	20 17	13 36		n.a.
F 18	12 36	26 42	3 43	19 24	0 40	12 20	1 25	10 23	4 3	22 57	0 8	18 53	1 17	8 0	0 34	14 46	1 9	28 8	4 36	20 5	20 18	13 33		n.a.
S 19	12 16	26 24	2 42	19 30	0 27	11 53	1 24	10 31	4 3	22 57	0 9	18 51	1 17	8 0	0 34	14 47	1 9	28 8	4 36	20 4	20 18	13 30		n.a.
S 20	11 55	24 21	1 30	19 34	0 15	11 25	1 24	10 39	4 3	22 57	0 9	18 50	1 18	7 59	0 34	14 48	1 9	28 8	4 36	20 4	20 19	13 28		n.a.
M21	11 34	20 37	0 10	19 37	0 3	10 57	1 23	10 46	4 3	22 58	0 9	18 48	1 18	7 59	0 34	14 48	1 9	28 8	4 36	20 4	20 20	13 25		n.a.
T 22	11 13	15 28	1n12	19 38	0s 9	10 29	1 23	10 54	4 3	22 58	0 9	18 46	1 18	7 58	0 34	14 49	1 9	28 8	4 36	20 4	20 21	13 22		n.a.
W23	10 51	9 19	2 30	19 38	0 20	10 0	1 22	11 2	4 3	22 58	0 9	18 44	1 18	7 58	0 34	14 49	1 9	28 8	4 36	20 5	20 21	13 19		n.a.
T 24	10 30	2 38	3 37	19 36	0 31	9 31	1 21	11 10	4 3	22 59	0 9	18 42	1 18	7 57	0 34	14 50	1 9	28 8	4 36	20 5	20 22	13 16		n.a.
F 25	10 8	4n 6	4 27	19 33	0 41	9 2	1 21	11 18	4 2	22 59	0 9	18 40	1 18	7 57	0 34	14 50	1 9	28 8	4 36	20 6	20 23	13 13		n.a.
S 26	9 46	10 28	5 0	19 28	0 51	8 33	1 20	11 27	4 2	22 59	0 9	18 38	1 18	7 56	0 34	14 51	1 9	28 8	4 36	20 7	20 23	13 10		n.a.
S 27	9 24	16 5	5 12	19 22	1 0	8 3	1 19	11 35	4 1	23 0	0 9	18 36	1 18	7 55	0 34	14 51	1 9	28 8	4 36	20 8	20 24	13 7		n.a.
M28	9s 2	20n41	5n 6	19s14	1s 9	7s33	1s18	11n43	4n 0	23n 0	0n 9	18s34	1s18	7s55	0n34	14n52	1n 9	28n 8	4n36	20s 9	20s25	13n 4		n.a.

Julian Day Number = 1707209.5, Delta T = 03h02m34s
Ecliptic obliquity = 23°42'04, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°36'01, Lahiri = - 4°29'00 Julian Calendar 1 Feb. 39 BCE == Greg. Calendar 30 Jan. 039 BCE

The year -38 astronomical counting style corresponds to year 039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 39 BCE
geocentric

MARCH 39 BCE (-38) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 23 58	7♓59'48	26♉ 6	10♒21	15♓15	9°R20	15♊ 5	12♒20	21°R23	23°R37	6°R27	0°R58	29♑46	20♌39	n.a.	T 1
W 2	10 27 55	8°58'57	8♊58	11°27	16°29	8♏57	15° 8	12°26	21♎21	23♌36	6♋27	0°D57	29°43	20°45	n.a.	W 2
T 3	10 31 51	9°58'03	21°28	12°36	17°43	8°33	15°12	12°33	21°20	23°34	6°26	0♒57	29°40	20°52	n.a.	T 3
F 4	10 35 48	10°57'08	3♋41	13°46	18°58	8°10	15°16	12°40	21°18	23°33	6°26	0°59	29°37	20°59	n.a.	F 4
S 5	10 39 44	11°56'10	15°40	15° 0	20°12	7°47	15°20	12°47	21°16	23°31	6°25	1° 1	29°33	21° 5	n.a.	S 5
S 6	10 43 41	12°55'09	27°32	16°15	21°26	7°24	15°24	12°54	21°14	23°30	6°25	1°R 2	29°30	21°12	n.a.	S 6
M 7	10 47 37	13°54'06	9♌19	17°32	22°40	7° 1	15°28	13° 0	21°13	23°28	6°24	1° 1	29°27	21°19	n.a.	M 7
T 8	10 51 34	14°53'01	21° 6	18°51	23°55	6°38	15°33	13° 7	21°11	23°27	6°24	0°59	29°24	21°25	n.a.	T 8
W 9	10 55 31	15°51'54	2♍56	20°12	25° 9	6°16	15°38	13°14	21° 9	23°25	6°24	0°55	29°21	21°32	n.a.	W 9
T 10	10 59 27	16°50'44	14°50	21°35	26°23	5°53	15°42	13°20	21° 7	23°24	6°23	0°48	29°17	21°39	n.a.	T 10
F 11	11 3 24	17°49'33	26°52	22°59	27°37	5°31	15°47	13°27	21° 5	23°22	6°23	0°40	29°14	21°45	n.a.	F 11
S 12	11 7 20	18°48'19	9♎ 1	24°25	28°51	5°10	15°53	13°33	21° 3	23°21	6°23	0°32	29°11	21°52	n.a.	S 12
S 13	11 11 17	19°47'03	21°21	25°53	0♈ 5	4°48	15°58	13°40	21° 1	23°19	6°23	0°22	29° 8	21°59	n.a.	S 13
M14	11 15 13	20°45'46	3♏50	27°23	1°19	4°27	16° 3	13°46	20°59	23°18	6°22	0°14	29° 5	22° 5	n.a.	M14
T 15	11 19 10	21°44'26	16°32	28°55	2°33	4° 7	16° 9	13°52	20°57	23°16	6°22	0° 7	29° 2	22°12	n.a.	T 15
W16	11 23 6	22°43'05	29°27	0♓28	3°47	3°46	16°15	13°59	20°55	23°15	6°22	0° 2	28°58	22°19	n.a.	W16
T 17	11 27 3	23°41'42	12♐39	2° 2	5° 2	3°27	16°21	14° 5	20°53	23°13	6°22	29♑59	28°55	22°25	n.a.	T 17
F 18	11 30 59	24°40'18	26° 8	3°39	6°16	3° 8	16°27	14°11	20°51	23°12	6°22	29°D59	28°52	22°32	n.a.	F 18
S 19	11 34 56	25°38'52	9♑56	5°17	7°29	2°49	16°33	14°17	20°48	23°11	6°22	29°59	28°49	22°39	n.a.	S 19
S 20	11 38 53	26°37'24	24° 5	6°56	8°43	2°31	16°40	14°24	20°46	23° 9	6°22	0°R 1	28°46	22°45	n.a.	S 20
M21	11 42 49	27°35'54	8♒34	8°38	9°57	2°14	16°46	14°30	20°44	23° 8	6°22	0♒ 1	28°43	22°52	n.a.	M21
T 22	11 46 46	28°34'22	23°19	10°20	11°11	1°57	16°53	14°36	20°42	23° 7	6°D22	29♑58	28°39	22°59	n.a.	T 22
W23	11 50 42	29°32'49	8♓16	12° 5	12°25	1°41	17° 0	14°42	20°39	23° 5	6°22	29°54	28°36	23° 5	n.a.	W23
T 24	11 54 39	0♈31'14	23°17	13°51	13°39	1°26	17° 7	14°48	20°37	23° 4	6°22	29°47	28°33	23°12	n.a.	T 24
F 25	11 58 35	1°29'36	8♈12	15°39	14°53	1°11	17°14	14°53	20°35	23° 3	6°22	29°38	28°30	23°19	n.a.	F 25
S 26	12 2 32	2°27'57	22°53	17°29	16° 7	0°57	17°21	14°59	20°33	23° 2	6°22	29°29	28°27	23°25	n.a.	S 26
S 27	12 6 28	3°26'16	7♉12	19°20	17°21	0°44	17°28	15° 5	20°30	23° 1	6°22	29°19	28°23	23°32	n.a.	S 27
M28	12 10 25	4°24'33	21° 4	21°13	18°34	0°31	17°36	15°11	20°28	22°59	6°22	29°11	28°20	23°39	n.a.	M28
T 29	12 14 22	5°22'48	4♊28	23° 7	19°48	0°20	17°44	15°16	20°25	22°58	6°22	29° 5	28°17	23°45	n.a.	T 29
W30	12 18 18	6°21'01	17°25	25° 3	21° 2	0° 9	17°51	15°22	20°23	22°57	6°22	29° 1	28°14	23°52	n.a.	W30
T 31	12 22 15	7♈19'12	29♊58	27♓ 1	22♈16	29♌59	17♊59	15♒27	20♎21	22♌56	6♋23	28♑59	28♑11	23♌59	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8s40	24n 4	4n43	19s 5	1s17	7s 3	1s17	11n51	3n59	23n 1	0n10	18s33	1s19	7s54	0n34	14n53	1n 9	28n 8	4n36	20s10	20s25	13n 2		n.a.
W 2	8 17	26 5	4 6	18 54	1 25	6 33	1 16	11 58	3 58	23 1	0 10	18 31	1 19	7 54	0 34	14 53	1 9	28 8	4 36	20 10	20 26	12 59		n.a.
T 3	7 55	26 44	3 19	18 41	1 33	6 3	1 15	12 6	3 57	23 2	0 10	18 29	1 19	7 53	0 34	14 54	1 9	28 8	4 36	20 10	20 27	12 56		n.a.
F 4	7 32	26 2	2 23	18 28	1 39	5 32	1 13	12 14	3 56	23 2	0 10	18 27	1 19	7 52	0 34	14 54	1 9	28 8	4 36	20 9	20 27	12 53		n.a.
S 5	7 10	24 8	1 23	18 12	1 46	5 2	1 12	12 22	3 55	23 3	0 10	18 25	1 19	7 52	0 34	14 55	1 9	28 8	4 36	20 9	20 28	12 50		n.a.
S 6	6 47	21 12	0 19	17 55	1 52	4 31	1 11	12 29	3 53	23 3	0 10	18 23	1 19	7 51	0 34	14 55	1 9	28 8	4 36	20 9	20 29	12 47		n.a.
M 7	6 24	17 24	0s45	17 37	1 57	4 0	1 10	12 36	3 52	23 4	0 10	18 22	1 19	7 50	0 34	14 56	1 9	28 8	4 36	20 9	20 29	12 44		n.a.
T 8	6 1	12 56	1 47	17 16	2 2	3 29	1 8	12 44	3 50	23 5	0 10	18 20	1 19	7 50	0 34	14 56	1 9	28 8	4 36	20 9	20 30	12 41		n.a.
W 9	5 38	8 0	2 44	16 55	2 7	2 58	1 7	12 51	3 48	23 5	0 10	18 18	1 20	7 49	0 34	14 57	1 9	28 8	4 36	20 10	20 31	12 38		n.a.
T 10	5 15	2 44	3 34	16 32	2 11	2 27	1 5	12 57	3 47	23 6	0 10	18 16	1 20	7 48	0 34	14 57	1 9	28 8	4 36	20 12	20 31	12 35		n.a.
F 11	4 52	2s39	4 16	16 7	2 15	1 56	1 4	13 4	3 45	23 6	0 10	18 14	1 20	7 47	0 34	14 58	1 9	28 8	4 36	20 14	20 32	12 32		n.a.
S 12	4 29	7 59	4 46	15 41	2 18	1 24	1 2	13 10	3 43	23 7	0 11	18 13	1 20	7 47	0 34	14 58	1 9	28 8	4 36	20 16	20 33	12 29		n.a.
S 13	4 5	13 5	5 3	15 13	2 20	0 53	1 0	13 16	3 41	23 8	0 11	18 11	1 20	7 46	0 34	14 59	1 9	28 8	4 36	20 17	20 33	12 27		n.a.
M14	3 42	17 43	5 6	14 44	2 22	0 22	0 59	13 22	3 39	23 8	0 11	18 9	1 20	7 45	0 34	14 59	1 9	28 8	4 35	20 19	20 34	12 24		n.a.
T 15	3 19	21 39	4 55	14 13	2 24	0n10	0 57	13 28	3 37	23 9	0 11	18 7	1 20	7 44	0 34	15 0	1 9	28 8	4 35	20 21	20 35	12 21		n.a.
W16	2 55	24 36	4 28	13 41	2 25	0 41	0 55	13 33	3 35	23 10	0 11	18 6	1 21	7 44	0 34	15 0	1 9	28 8	4 35	20 22	20 35	12 18		n.a.
T 17	2 32	26 18	3 46	13 7	2 25	1 12	0 53	13 39	3 32	23 10	0 11	18 4	1 21	7 43	0 34	15 1	1 9	28 8	4 35	20 22	20 36	12 15		n.a.
F 18	2 8	26 30	2 52	12 32	2 25	1 44	0 51	13 43	3 30	23 11	0 11	18 2	1 21	7 42	0 34	15 1	1 9	28 8	4 35	20 22	20 37	12 12		n.a.
S 19	1 45	25 5	1 46	11 55	2 25	2 15	0 49	13 48	3 27	23 12	0 11	18 1	1 21	7 41	0 34	15 1	1 9	28 8	4 35	20 22	20 37	12 9		n.a.
S 20	1 21	22 3	0 32	11 17	2 24	2 46	0 47	13 52	3 25	23 13	0 11	17 59	1 21	7 40	0 34	15 2	1 9	28 8	4 35	20 22	20 38	12 6		n.a.
M21	0 58	17 35	0n46	10 37	2 22	3 18	0 45	13 56	3 23	23 13	0 11	17 57	1 21	7 39	0 34	15 2	1 9	28 8	4 35	20 22	20 39	12 3		n.a.
T 22	0 34	11 59	2 1	9 56	2 20	3 49	0 43	14 0	3 20	23 14	0 11	17 56	1 21	7 39	0 34	15 3	1 9	28 8	4 35	20 23	20 39	12 0		n.a.
W23	0 11	5 38	3 10	9 13	2 17	4 20	0 41	14 3	3 17	23 15	0 12	17 54	1 22	7 38	0 34	15 3	1 9	28 8	4 35	20 24	20 40	11 57		n.a.
T 24	0n13	1n 3	4 5	8 29	2 14	4 51	0 39	14 7	3 15	23 16	0 12	17 53	1 22	7 37	0 34	15 4	1 9	28 7	4 35	20 25	20 41	11 54		n.a.
F 25	0 36	7 37	4 43	7 43	2 10	5 22	0 37	14 9	3 12	23 16	0 12	17 51	1 22	7 36	0 34	15 4	1 9	28 7	4 35	20 27	20 41	11 51		n.a.
S 26	0 59	13 39	5 2	6 56	2 6	5 52	0 35	14 12	3 9	23 17	0 12	17 49	1 22	7 35	0 34	15 4	1 9	28 7	4 35	20 29	20 42	11 48		n.a.
S 27	1 23	18 48	5 1	6 8	2 1	6 23	0 32	14 14	3 7	23 18	0 12	17 48	1 22	7 34	0 34	15 5	1 9	28 7	4 35	20 31	20 43	11 45		n.a.
M28	1 46	22 45	4 42	5 18	1 56	6 54	0 30	14 16	3 4	23 19	0 12	17 46	1 22	7 33	0 34	15 5	1 9	28 7	4 35	20 33	20 43	11 42		n.a.
T 29	2 10	25 20	4 8	4 27	1 50	7 24	0 28	14 18	3 1	23 20	0 12	17 45	1 23	7 32	0 34	15 5	1 9	28 7	4 35	20 34	20 44	11 39		n.a.
W30	2 33	26 28	3 23	3 34	1 44	7 54	0 25	14 19	2 58	23 20	0 12	17 43	1 23	7 31	0 34	15 6	1 9	28 7	4 35	20 35	20 44	11 36		n.a.
T 31	2n56	26n10	2n28	2s41	1s37	8n24	0s23	14n20	2n55	23n21	0n12	17s42	1s23	7s30	0n34	15n 6	1n 9	28n 7	4n35	20s35	20s45	11n34		n.a.

Julian Day Number = 1707237.5, Delta T = 03h02m33s
Ecliptic obliquity = 23°42'04, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°35'57, Lahiri = - 4°28'56 Julian Calendar 1 March 39 BCE == Greg. Calendar 27 Feb. 039 BCE

The year -38 astronomical counting style corresponds to year 039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 39 BCE
geocentric

APRIL 39 BCE (-38) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 26 11	8♈17'20	12♋11	29♓ 1	23♈29	29°R50	18♊ 7	15♒33	20°R18	22°R55	6♋23	28°D59	28♑ 8	24♌ 5	n.a.	F 1
S 2	12 30 8	9°15'27	24°11	1♈ 2	24°43	29♌41	18°16	15°38	20♎16	22♌54	6°23	28°R59	28° 4	24°12	n.a.	S 2
S 3	12 34 4	10°13'31	6♌ 2	3° 4	25°56	29°34	18°24	15°43	20°13	22°53	6°23	28♑59	28° 1	24°18	n.a.	S 3
M 4	12 38 1	11°11'34	17°49	5° 8	27°10	29°27	18°32	15°49	20°11	22°52	6°24	28°58	27°58	24°25	n.a.	M 4
T 5	12 41 57	12° 9'34	29°37	7°13	28°24	29°21	18°41	15°54	20° 8	22°51	6°24	28°54	27°55	24°32	n.a.	T 5
W 6	12 45 54	13° 7'32	11♍31	9°20	29°37	29°16	18°49	15°59	20° 6	22°50	6°24	28°47	27°52	24°38	n.a.	W 6
T 7	12 49 51	14° 5'29	23°32	11°28	0♉51	29°11	18°58	16° 4	20° 3	22°49	6°25	28°38	27°48	24°45	n.a.	T 7
F 8	12 53 47	15° 3'24	5♎44	13°36	2° 4	29° 8	19° 7	16° 9	20° 1	22°48	6°25	28°27	27°45	24°52	n.a.	F 8
S 9	12 57 44	16° 1'17	18° 7	15°46	3°18	29° 5	19°16	16°14	19°58	22°47	6°26	28°14	27°42	24°58	n.a.	S 9
S 10	13 1 40	16°59'09	0♏42	17°56	4°31	29° 3	19°25	16°19	19°56	22°47	6°26	28° 1	27°39	25° 5	n.a.	S 10
M11	13 5 37	17°56'59	13°29	20° 6	5°44	29° 2	19°34	16°23	19°53	22°46	6°27	27°49	27°36	25°12	n.a.	M11
T 12	13 9 33	18°54'48	26°28	22°16	6°58	29°D 1	19°44	16°28	19°51	22°45	6°27	27°39	27°33	25°18	n.a.	T 12
W13	13 13 30	19°52'35	9♐38	24°27	8°11	29° 1	19°53	16°33	19°48	22°44	6°28	27°32	27°29	25°25	n.a.	W13
T 14	13 17 26	20°50'21	23° 0	26°36	9°25	29° 2	20° 3	16°37	19°46	22°44	6°28	27°27	27°26	25°32	n.a.	T 14
F 15	13 21 23	21°48'06	6♑34	28°45	10°38	29° 4	20°12	16°42	19°43	22°43	6°29	27°25	27°23	25°38	n.a.	F 15
S 16	13 25 20	22°45'50	20°21	0♉53	11°51	29° 7	20°22	16°46	19°41	22°42	6°30	27°24	27°20	25°45	n.a.	S 16
S 17	13 29 16	23°43'32	4♒22	2°59	13° 4	29°10	20°32	16°50	19°38	22°42	6°30	27°24	27°17	25°52	n.a.	S 17
M18	13 33 13	24°41'14	18°36	5° 4	14°18	29°14	20°42	16°55	19°36	22°41	6°31	27°23	27°14	25°58	n.a.	M18
T 19	13 37 9	25°38'54	3♓ 2	7° 7	15°31	29°19	20°52	16°59	19°33	22°40	6°32	27°21	27°10	26° 5	n.a.	T 19
W20	13 41 6	26°36'33	17°36	9° 8	16°44	29°24	21° 2	17° 3	19°31	22°40	6°32	27°15	27° 7	26°12	n.a.	W20
T 21	13 45 2	27°34'10	2♈15	11° 7	17°57	29°30	21°12	17° 7	19°28	22°39	6°33	27° 7	27° 4	26°18	n.a.	T 21
F 22	13 48 59	28°31'47	16°50	13° 3	19°10	29°37	21°22	17°11	19°26	22°39	6°34	26°56	27° 1	26°25	n.a.	F 22
S 23	13 52 55	29°29'22	1♉15	14°57	20°23	29°44	21°33	17°15	19°23	22°38	6°35	26°45	26°58	26°32	n.a.	S 23
S 24	13 56 52	0♉26'57	15°23	16°48	21°37	29°53	21°43	17°18	19°21	22°38	6°35	26°33	26°54	26°38	n.a.	S 24
M25	14 0 49	1°24'29	29° 8	18°36	22°50	0♏ 1	21°54	17°22	19°18	22°38	6°36	26°23	26°51	26°45	n.a.	M25
T 26	14 4 45	2°22'01	12♊30	20°22	24° 3	0°11	22° 4	17°26	19°16	22°37	6°37	26°15	26°48	26°52	n.a.	T 26
W27	14 8 42	3°19'31	25°26	22° 5	25°16	0°21	22°15	17°29	19°13	22°37	6°38	26°10	26°45	26°58	n.a.	W27
T 28	14 12 38	4°17'00	8♋ 0	23°44	26°29	0°32	22°26	17°32	19°11	22°37	6°39	26° 7	26°42	27° 5	n.a.	T 28
F 29	14 16 35	5°14'28	20°15	25°21	27°42	0°43	22°37	17°36	19° 8	22°36	6°40	26° 6	26°39	27°12	n.a.	F 29
S 30	14 20 31	6♉11'54	2♌16	26♉55	28♉55	0♏55	22♊48	17♒39	19♎ 6	22♌36	6♋41	26♑ 6	26♑35	27♌18	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3n19	24n36	1n28	1s46	1s30	8n54	0s21	14n20	2n52	23n22	0n12	17s40	1s23	7s30	0n34	15n 6	1n 9	28n 7	4n35	20s35	20s46	11n31		n.a.
S 2	3 42	21 56	0 26	0 50	1 22	9 24	0 18	14 21	2 50	23 23	0 12	17 39	1 23	7 29	0 34	15 7	1 9	28 7	4 35	20 35	20 46	11 28		n.a.
S 3	4 6	18 22	0s37	0n 6	1 14	9 53	0 16	14 21	2 47	23 24	0 12	17 37	1 23	7 28	0 34	15 7	1 9	28 7	4 34	20 35	20 47	11 25		n.a.
M 4	4 29	14 6	1 38	1 4	1 5	10 22	0 13	14 21	2 44	23 24	0 12	17 36	1 24	7 27	0 34	15 7	1 9	28 7	4 34	20 35	20 48	11 22		n.a.
T 5	4 51	9 19	2 35	2 3	0 56	10 51	0 11	14 20	2 41	23 25	0 13	17 35	1 24	7 26	0 34	15 8	1 9	28 7	4 34	20 36	20 48	11 19		n.a.
W 6	5 14	4 10	3 25	3 2	0 46	11 20	0 8	14 19	2 38	23 26	0 13	17 33	1 24	7 25	0 34	15 8	1 9	28 7	4 34	20 38	20 49	11 16		n.a.
T 7	5 37	1s11	4 7	4 1	0 37	11 48	0 6	14 18	2 35	23 27	0 13	17 32	1 24	7 24	0 34	15 8	1 9	28 7	4 34	20 40	20 50	11 13		n.a.
F 8	6 0	6 32	4 38	5 1	0 26	12 16	0 3	14 17	2 32	23 28	0 13	17 30	1 24	7 23	0 34	15 9	1 9	28 6	4 34	20 42	20 50	11 10		n.a.
S 9	6 22	11 44	4 56	6 1	0 16	12 44	0 1	14 15	2 30	23 29	0 13	17 29	1 24	7 22	0 34	15 9	1 9	28 6	4 34	20 44	20 51	11 7		n.a.
S 10	6 45	16 31	5 0	7 1	0 6	13 12	0n 2	14 13	2 27	23 29	0 13	17 28	1 25	7 21	0 34	15 9	1 9	28 6	4 34	20 47	20 52	11 4		n.a.
M11	7 7	20 39	4 50	8 1	0n 5	13 39	0 4	14 11	2 24	23 30	0 13	17 27	1 25	7 20	0 34	15 9	1 9	28 6	4 34	20 49	20 52	11 1		n.a.
T 12	7 29	23 51	4 24	9 0	0 16	14 6	0 7	14 9	2 21	23 31	0 13	17 25	1 25	7 19	0 34	15 10	1 9	28 6	4 34	20 51	20 53	10 58		n.a.
W13	7 51	25 50	3 44	9 59	0 26	14 32	0 9	14 6	2 18	23 32	0 13	17 24	1 25	7 18	0 34	15 10	1 9	28 6	4 34	20 53	20 53	10 55		n.a.
T 14	8 13	26 22	2 51	10 56	0 37	14 58	0 12	14 3	2 16	23 33	0 13	17 23	1 25	7 17	0 34	15 10	1 8	28 6	4 34	20 54	20 54	10 52		n.a.
F 15	8 35	25 20	1 48	11 53	0 47	15 24	0 15	14 0	2 13	23 33	0 13	17 22	1 26	7 16	0 34	15 10	1 8	28 6	4 34	20 54	20 55	10 49		n.a.
S 16	8 57	22 45	0 37	12 48	0 57	15 50	0 17	13 56	2 10	23 34	0 13	17 21	1 26	7 15	0 34	15 10	1 8	28 6	4 34	20 54	20 55	10 46		n.a.
S 17	9 18	18 47	0n37	13 41	1 7	16 15	0 20	13 53	2 7	23 35	0 14	17 19	1 26	7 14	0 34	15 11	1 8	28 6	4 34	20 54	20 56	10 43		n.a.
M18	9 40	13 41	1 50	14 33	1 16	16 39	0 22	13 49	2 5	23 36	0 14	17 18	1 26	7 13	0 34	15 11	1 8	28 6	4 34	20 55	20 57	10 40		n.a.
T 19	10 1	7 46	2 56	15 23	1 25	17 4	0 25	13 44	2 2	23 37	0 14	17 17	1 26	7 12	0 34	15 11	1 8	28 6	4 34	20 55	20 57	10 37		n.a.
W20	10 22	1 23	3 52	16 10	1 33	17 27	0 27	13 40	1 59	23 37	0 14	17 16	1 27	7 11	0 34	15 11	1 8	28 6	4 34	20 56	20 58	10 34		n.a.
T 21	10 43	5n 4	4 33	16 56	1 41	17 51	0 30	13 35	1 57	23 38	0 14	17 15	1 27	7 11	0 34	15 11	1 8	28 5	4 34	20 58	20 58	10 31		n.a.
F 22	11 4	11 14	4 56	17 39	1 48	18 14	0 32	13 31	1 54	23 39	0 14	17 14	1 27	7 10	0 34	15 11	1 8	28 5	4 34	21 0	20 59	10 28		n.a.
S 23	11 25	16 42	5 0	18 20	1 55	18 36	0 35	13 25	1 52	23 40	0 14	17 13	1 27	7 9	0 34	15 12	1 8	28 5	4 34	21 2	21 0	10 25		n.a.
S 24	11 45	21 9	4 45	18 58	2 1	18 58	0 38	13 20	1 49	23 40	0 14	17 12	1 27	7 8	0 34	15 12	1 8	28 5	4 34	21 4	21 0	10 22		n.a.
M25	12 6	24 18	4 13	19 34	2 6	19 20	0 40	13 15	1 46	23 41	0 14	17 11	1 28	7 7	0 34	15 12	1 8	28 5	4 33	21 6	21 1	10 19		n.a.
T 26	12 26	26 0	3 29	20 7	2 10	19 40	0 43	13 9	1 44	23 42	0 14	17 10	1 28	7 6	0 34	15 12	1 8	28 5	4 33	21 8	21 2	10 16		n.a.
W27	12 45	26 12	2 35	20 39	2 14	20 1	0 45	13 3	1 41	23 43	0 14	17 9	1 28	7 5	0 34	15 12	1 8	28 5	4 33	21 9	21 2	10 13		n.a.
T 28	13 5	25 2	1 34	21 7	2 17	20 21	0 47	12 57	1 39	23 43	0 14	17 9	1 28	7 4	0 34	15 12	1 8	28 5	4 33	21 9	21 3	10 10		n.a.
F 29	13 25	22 40	0 31	21 33	2 19	20 40	0 50	12 50	1 37	23 44	0 14	17 8	1 29	7 3	0 34	15 12	1 8	28 5	4 33	21 10	21 3	10 7		n.a.
S 30	13n44	19n20	0s33	21n57	2n20	20n59	0n52	12n44	1n34	23n45	0n15	17s 7	1s29	7s 2	0n34	15n12	1n 8	28n 5	4n33	21s10	21s 4	10n 4		n.a.

Julian Day Number = 1707268.5, Delta T = 03h02m32s
Ecliptic obliquity = 23°42'04, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°35'53, Lahiri = - 4°28'52 Julian Calendar 1 Apr. 39 BCE == Greg. Calendar 30 March 039 BCE

The year -38 astronomical counting style corresponds to year 039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 39 BCE
geocentric

MAY 39 BCE (-38) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 24 28	7♉ 9'18	14♌ 9	28♉25	0♊ 7	1♍ 8	22♊59	17♒42	19°R 4	22°R36	6♋42	26°R 6	26♑32	27♌25	n.a.	S 1
M 2	14 28 24	8° 6'42	25°58	29°53	1°20	1°21	23°10	17°45	19♎ 1	22♌36	6°43	26♑ 4	26°29	27°32	n.a.	M 2
T 3	14 32 21	9° 4'04	7♍49	1♊17	2°33	1°35	23°21	17°48	18°59	22°36	6°44	26° 1	26°26	27°38	n.a.	T 3
W 4	14 36 18	10° 1'24	19°46	2°38	3°46	1°49	23°32	17°51	18°57	22°36	6°45	25°56	26°23	27°45	n.a.	W 4
T 5	14 40 14	10°58'44	1♎54	3°56	4°59	2° 4	23°44	17°54	18°54	22°35	6°46	25°47	26°20	27°52	n.a.	T 5
F 6	14 44 11	11°56'02	14°15	5°10	6°11	2°19	23°55	17°56	18°52	22°35	6°47	25°37	26°16	27°58	n.a.	F 6
S 7	14 48 7	12°53'20	26°51	6°22	7°24	2°35	24° 7	17°59	18°50	22°D35	6°48	25°25	26°13	28° 5	n.a.	S 7
S 8	14 52 4	13°50'37	9♏43	7°30	8°37	2°51	24°18	18° 2	18°48	22°35	6°49	25°14	26°10	28°12	n.a.	S 8
M 9	14 56 0	14°47'52	22°50	8°34	9°49	3° 8	24°30	18° 4	18°46	22°36	6°50	25° 2	26° 7	28°18	n.a.	M 9
T 10	14 59 57	15°45'08	6♐10	9°35	11° 2	3°26	24°41	18° 6	18°43	22°36	6°52	24°53	26° 4	28°25	n.a.	T 10
W11	15 3 53	16°42'22	19°42	10°32	12°15	3°43	24°53	18° 8	18°41	22°36	6°53	24°46	26° 0	28°32	n.a.	W11
T 12	15 7 50	17°39'36	3♑24	11°26	13°27	4° 2	25° 5	18°11	18°39	22°36	6°54	24°42	25°57	28°38	n.a.	T 12
F 13	15 11 47	18°36'49	17°14	12°16	14°40	4°21	25°17	18°13	18°37	22°36	6°55	24°41	25°54	28°45	n.a.	F 13
S 14	15 15 43	19°34'02	1♒11	13° 2	15°52	4°40	25°29	18°15	18°35	22°36	6°56	24°D41	25°51	28°52	n.a.	S 14
S 15	15 19 40	20°31'15	15°15	13°45	17° 5	5° 0	25°41	18°16	18°33	22°37	6°58	24°R41	25°48	28°58	n.a.	S 15
M16	15 23 36	21°28'27	29°24	14°23	18°17	5°20	25°53	18°18	18°31	22°37	6°59	24°41	25°45	29° 5	n.a.	M16
T 17	15 27 33	22°25'39	13♓36	14°57	19°29	5°40	26° 5	18°20	18°29	22°37	7° 0	24°39	25°41	29°12	n.a.	T 17
W18	15 31 29	23°22'51	27°51	15°27	20°42	6° 1	26°17	18°21	18°27	22°38	7° 1	24°35	25°38	29°18	n.a.	W18
T 19	15 35 26	24°20'02	12♈ 5	15°52	21°54	6°23	26°29	18°23	18°25	22°38	7° 3	24°29	25°35	29°25	n.a.	T 19
F 20	15 39 22	25°17'13	26°15	16°14	23° 6	6°45	26°41	18°24	18°23	22°38	7° 4	24°21	25°32	29°32	n.a.	F 20
S 21	15 43 19	26°14'24	10♉14	16°30	24°19	7° 7	26°54	18°25	18°22	22°39	7° 5	24°11	25°29	29°38	n.a.	S 21
S 22	15 47 16	27°11'35	24° 0	16°43	25°31	7°29	27° 6	18°27	18°20	22°39	7° 7	24° 2	25°25	29°45	n.a.	S 22
M23	15 51 12	28° 8'45	7♊29	16°50	26°43	7°52	27°18	18°28	18°18	22°40	7° 8	23°54	25°22	29°52	n.a.	M23
T 24	15 55 9	29° 5'55	20°37	16°R53	27°55	8°16	27°31	18°29	18°16	22°40	7°10	23°48	25°19	29°58	n.a.	T 24
W25	15 59 5	0♊ 3'05	3♋26	16°52	29° 8	8°40	27°43	18°29	18°15	22°41	7°11	23°43	25°16	0♍ 5	n.a.	W25
T 26	16 3 2	1° 0'14	15°56	16°46	0♋20	9° 4	27°56	18°30	18°13	22°42	7°12	23°41	25°13	0°12	n.a.	T 26
F 27	16 6 58	1°57'23	28° 9	16°36	1°32	9°28	28° 8	18°31	18°12	22°42	7°14	23°D41	25°10	0°18	n.a.	F 27
S 28	16 10 55	2°54'31	10♌10	16°21	2°44	9°53	28°21	18°31	18°10	22°43	7°15	23°42	25° 6	0°25	n.a.	S 28
S 29	16 14 51	3°51'39	22° 3	16° 2	3°56	10°19	28°34	18°32	18° 8	22°44	7°17	23°43	25° 3	0°32	n.a.	S 29
M30	16 18 48	4°48'46	3♍54	15°40	5° 8	10°44	28°46	18°32	18° 7	22°44	7°18	23°R44	25° 0	0°38	n.a.	M30
T 31	16 22 45	5♊45'53	15♍46	15♊14	6♋20	11♍10	28♊59	18♒32	18♎ 6	22♌45	7♋20	23♑43	24♑57	0♍45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	14n 3	15n16	1s34	22n19	2n21	21n17	0n55	12n37	1n32	23n45	0n15	17s 6	1s29	7s 1	0n34	15n12	1n 8	28n 5	4n33	21s10	21s 5	10n 1			n.a.
M 2	14 22	10 38	2 31	22 38	2 21	21 35	0 57	12 30	1 29	23 46	0 15	17 6	1 29	7 1	0 34	15 12	1 8	28 5	4 33	21 10	21 5	9 58			n.a.
T 3	14 40	5 37	3 22	22 55	2 20	21 52	0 59	12 23	1 27	23 47	0 15	17 5	1 29	7 0	0 34	15 12	1 8	28 4	4 33	21 11	21 6	9 55			n.a.
W 4	14 59	0 21	4 4	23 10	2 18	22 8	1 2	12 16	1 25	23 47	0 15	17 4	1 30	6 59	0 34	15 12	1 8	28 4	4 33	21 12	21 6	9 52			n.a.
T 5	15 17	4s59	4 36	23 23	2 15	22 24	1 4	12 8	1 22	23 48	0 15	17 3	1 30	6 58	0 34	15 12	1 8	28 4	4 33	21 13	21 7	9 49			n.a.
F 6	15 35	10 13	4 56	23 33	2 12	22 40	1 6	12 0	1 20	23 49	0 15	17 3	1 30	6 57	0 34	15 12	1 8	28 4	4 33	21 15	21 8	9 46			n.a.
S 7	15 53	15 8	5 1	23 42	2 8	22 54	1 8	11 53	1 18	23 49	0 15	17 2	1 30	6 56	0 34	15 12	1 8	28 4	4 33	21 17	21 8	9 43			n.a.
S 8	16 10	19 29	4 52	23 49	2 3	23 8	1 10	11 45	1 16	23 50	0 15	17 2	1 30	6 55	0 34	15 12	1 8	28 4	4 33	21 19	21 9	9 40			n.a.
M 9	16 27	22 59	4 27	23 54	1 57	23 22	1 12	11 36	1 14	23 50	0 15	17 1	1 31	6 55	0 34	15 12	1 8	28 4	4 33	21 21	21 9	9 37			n.a.
T 10	16 44	25 18	3 48	23 57	1 50	23 34	1 14	11 28	1 11	23 51	0 15	17 1	1 31	6 54	0 34	15 12	1 8	28 4	4 33	21 23	21 10	9 34			n.a.
W11	17 1	26 12	2 55	23 58	1 43	23 46	1 17	11 19	1 9	23 51	0 15	17 0	1 31	6 53	0 34	15 12	1 8	28 4	4 33	21 24	21 11	9 31			n.a.
T 12	17 17	25 30	1 51	23 58	1 35	23 58	1 18	11 11	1 7	23 52	0 15	17 0	1 31	6 52	0 34	15 12	1 8	28 4	4 33	21 25	21 11	9 28			n.a.
F 13	17 33	23 14	0 40	23 56	1 26	24 8	1 20	11 2	1 5	23 52	0 16	16 59	1 32	6 51	0 34	15 12	1 8	28 4	4 33	21 25	21 12	9 25			n.a.
S 14	17 49	19 33	0n35	23 52	1 16	24 18	1 22	10 53	1 3	23 53	0 16	16 59	1 32	6 51	0 34	15 12	1 8	28 4	4 33	21 25	21 12	9 22			n.a.
S 15	18 4	14 44	1 47	23 47	1 6	24 28	1 24	10 44	1 1	23 53	0 16	16 59	1 32	6 50	0 34	15 12	1 8	28 3	4 33	21 25	21 13	9 19			n.a.
M16	18 20	9 6	2 54	23 40	0 54	24 36	1 26	10 34	0 59	23 54	0 16	16 58	1 32	6 49	0 33	15 11	1 8	28 3	4 33	21 25	21 14	9 16			n.a.
T 17	18 35	2 59	3 50	23 33	0 42	24 44	1 28	10 25	0 57	23 54	0 16	16 58	1 33	6 48	0 33	15 11	1 8	28 3	4 33	21 26	21 14	9 13			n.a.
W18	18 49	3n18	4 32	23 23	0 30	24 51	1 29	10 15	0 55	23 55	0 16	16 58	1 33	6 48	0 33	15 11	1 8	28 3	4 33	21 26	21 15	9 10			n.a.
T 19	19 4	9 23	4 57	23 13	0 17	24 58	1 31	10 5	0 53	23 55	0 16	16 57	1 33	6 47	0 33	15 11	1 8	28 3	4 33	21 28	21 15	9 7			n.a.
F 20	19 18	14 57	5 4	23 2	0 3	25 3	1 32	9 55	0 51	23 56	0 16	16 57	1 33	6 46	0 33	15 11	1 8	28 3	4 33	21 29	21 16	9 4			n.a.
S 21	19 31	19 40	4 53	22 49	0s12	25 8	1 34	9 45	0 49	23 56	0 16	16 57	1 33	6 46	0 33	15 11	1 8	28 3	4 33	21 31	21 17	9 1			n.a.
S 22	19 45	23 14	4 24	22 35	0 26	25 13	1 35	9 35	0 47	23 56	0 16	16 57	1 34	6 45	0 33	15 10	1 7	28 3	4 33	21 32	21 17	8 58			n.a.
M23	19 58	25 26	3 42	22 21	0 42	25 16	1 37	9 25	0 45	23 57	0 16	16 57	1 34	6 44	0 33	15 10	1 7	28 3	4 33	21 34	21 18	8 55			n.a.
T 24	20 11	26 9	2 48	22 5	0 58	25 19	1 38	9 14	0 44	23 57	0 16	16 57	1 34	6 44	0 33	15 10	1 7	28 3	4 33	21 35	21 18	8 52			n.a.
W25	20 23	25 26	1 47	21 49	1 14	25 21	1 39	9 3	0 42	23 57	0 16	16 57	1 34	6 43	0 33	15 10	1 7	28 3	4 33	21 36	21 19	8 49			n.a.
T 26	20 35	23 26	0 42	21 33	1 30	25 22	1 40	8 52	0 40	23 58	0 17	16 57	1 35	6 42	0 33	15 10	1 7	28 2	4 33	21 36	21 20	8 46			n.a.
F 27	20 47	20 22	0s24	21 15	1 46	25 23	1 42	8 41	0 38	23 58	0 17	16 57	1 35	6 42	0 33	15 9	1 7	28 2	4 33	21 36	21 20	8 43			n.a.
S 28	20 58	16 29	1 28	20 58	2 3	25 23	1 43	8 30	0 36	23 58	0 17	16 57	1 35	6 41	0 33	15 9	1 7	28 2	4 33	21 36	21 21	8 40			n.a.
S 29	21 9	12 0	2 27	20 40	2 19	25 22	1 44	8 19	0 35	23 58	0 17	16 57	1 35	6 41	0 33	15 9	1 7	28 2	4 33	21 36	21 21	8 37			n.a.
M30	21 20	7 5	3 20	20 21	2 35	25 20	1 44	8 8	0 33	23 59	0 17	16 57	1 36	6 40	0 33	15 9	1 7	28 2	4 33	21 35	21 22	8 34			n.a.
T 31	21n30	1n56	4s 4	20n 3	2s50	25n18	1n45	7n56	0n31	23n59	0n17	16s57	1s36	6s40	0n33	15n 8	1n 7	28n 2	4n33	21s36	21s22	8n30			n.a.

Julian Day Number = 1707298.5, Delta T = 03h02m31s
Ecliptic obliquity = 23°42'03, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°35'49, Lahiri = - 4°28'48 Julian Calendar 1 May 39 BCE == Greg. Calendar 29 Apr. 039 BCE

The year -38 astronomical counting style corresponds to year 039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 39 BCE
geocentric

JUNE 39 BCE (-38) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 26 41	6♊42'59	27♍45	14°R45	7♋31	11♍36	29♊12	18♒33	18°R 4	22♎46	7♋21	23°R41	24♑54	0♍52	n.a.	W 1
T 2	16 30 38	7°40'05	9♎57	14♊13	8°43	12° 3	29°25	18°R33	18♎ 3	22°47	7°23	23♑37	24°51	0°58	n.a.	T 2
F 3	16 34 34	8°37'11	22°24	13°39	9°55	12°30	29°37	18°33	18° 2	22°48	7°24	23°31	24°47	1° 5	n.a.	F 3
S 4	16 38 31	9°34'17	5♏ 9	13° 4	11° 7	12°57	29°50	18°32	18° 0	22°48	7°26	23°24	24°44	1°12	n.a.	S 4
S 5	16 42 27	10°31'23	18°13	12°27	12°19	13°24	0♋ 3	18°32	17°59	22°49	7°27	23°17	24°41	1°18	n.a.	S 5
M 6	16 46 24	11°28'29	1♐37	11°50	13°30	13°52	0°16	18°32	17°58	22°50	7°29	23°10	24°38	1°25	n.a.	M 6
T 7	16 50 21	12°25'35	15°19	11°14	14°42	14°20	0°29	18°31	17°57	22°51	7°31	23° 5	24°35	1°32	n.a.	T 7
W 8	16 54 17	13°22'41	29°15	10°38	15°53	14°48	0°42	18°31	17°56	22°52	7°32	23° 1	24°31	1°39	n.a.	W 8
T 9	16 58 14	14°19'48	13♑22	10° 3	17° 5	15°17	0°55	18°30	17°55	22°53	7°34	22°59	24°28	1°45	n.a.	T 9
F 10	17 2 10	15°16'54	27°36	9°31	18°16	15°46	1° 8	18°29	17°54	22°54	7°35	22°D59	24°25	1°52	n.a.	F 10
S 11	17 6 7	16°14'02	11♒54	9° 1	19°28	16°15	1°21	18°29	17°53	22°55	7°37	22°59	24°22	1°59	n.a.	S 11
S 12	17 10 3	17°11'09	26°11	8°35	20°39	16°44	1°34	18°28	17°52	22°57	7°39	23° 1	24°19	2° 5	n.a.	S 12
M13	17 14 0	18° 8'18	10♓26	8°12	21°50	17°14	1°47	18°27	17°51	22°58	7°40	23° 2	24°16	2°12	n.a.	M13
T 14	17 17 56	19° 5'27	24°36	7°53	23° 2	17°44	2° 0	18°25	17°50	22°59	7°42	23°R 2	24°12	2°19	n.a.	T 14
W15	17 21 53	20° 2'36	8♈39	7°39	24°13	18°14	2°13	18°24	17°49	23° 0	7°44	23° 1	24° 9	2°25	n.a.	W15
T 16	17 25 50	20°59'46	22°34	7°29	25°24	18°45	2°26	18°23	17°49	23° 1	7°45	22°58	24° 6	2°32	n.a.	T 16
F 17	17 29 46	21°56'58	6♉19	7°D25	26°35	19°15	2°40	18°21	17°48	23° 3	7°47	22°54	24° 3	2°39	n.a.	F 17
S 18	17 33 43	22°54'09	19°53	7°26	27°46	19°46	2°53	18°20	17°48	23° 4	7°49	22°50	24° 0	2°45	n.a.	S 18
S 19	17 37 39	23°51'22	3♊13	7°32	28°57	20°17	3° 6	18°18	17°47	23° 5	7°50	22°45	23°57	2°52	n.a.	S 19
M20	17 41 36	24°48'35	16°19	7°44	0♌ 8	20°49	3°19	18°17	17°46	23° 7	7°52	22°41	23°53	2°59	n.a.	M20
T 21	17 45 32	25°45'49	29° 9	8° 1	1°19	21°21	3°32	18°15	17°46	23° 8	7°54	22°38	23°50	3° 5	n.a.	T 21
W22	17 49 29	26°43'04	11♋44	8°24	2°30	21°52	3°46	18°13	17°46	23° 9	7°55	22°36	23°47	3°12	n.a.	W22
T 23	17 53 25	27°40'19	24° 4	8°53	3°41	22°25	3°59	18°11	17°45	23°11	7°57	22°D36	23°44	3°19	n.a.	T 23
F 24	17 57 22	28°37'34	6♌12	9°28	4°52	22°57	4°12	18° 9	17°45	23°12	7°59	22°37	23°41	3°25	n.a.	F 24
S 25	18 1 19	29°34'51	18°10	10° 8	6° 2	23°29	4°25	18° 7	17°45	23°14	8° 0	22°38	23°37	3°32	n.a.	S 25
S 26	18 5 15	0♋32'07	0♍ 2	10°54	7°13	24° 2	4°39	18° 4	17°45	23°15	8° 2	22°40	23°34	3°39	n.a.	S 26
M27	18 9 12	1°29'24	11°52	11°45	8°24	24°35	4°52	18° 2	17°44	23°17	8° 4	22°41	23°31	3°45	n.a.	M27
T 28	18 13 8	2°26'42	23°44	12°42	9°34	25° 8	5° 5	17°59	17°44	23°18	8° 6	22°42	23°28	3°52	n.a.	T 28
W29	18 17 5	3°24'00	5♎44	13°44	10°45	25°42	5°19	17°57	17°D44	23°20	8° 7	22°R42	23°25	3°59	n.a.	W29
T 30	18 21 1	4♋21'19	17♎55	14♊51	11♌55	26♍15	5♋32	17♒54	17♎44	23♌21	8♋ 9	22♑42	23♑22	4♍ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n40	3s20	4s38	19n45	3s 5	25n15	1n46	7n45	0n30	23n59	0n17	16s57	1s36	6s39	0n33	15n 8	1n 7	28n 2	4n33	21s36	21s23	8n27		n.a.
T 2	21 50	8 34	5 0	19 28	3 19	25 11	1 47	7 33	0 28	23 59	0 17	16 57	1 36	6 39	0 33	15 8	1 7	28 2	4 33	21 37	21 24	8 24		n.a.
F 3	21 59	13 34	5 9	19 11	3 32	25 7	1 47	7 21	0 26	23 59	0 17	16 58	1 36	6 38	0 33	15 7	1 7	28 2	4 33	21 38	21 24	8 21		n.a.
S 4	22 8	18 7	5 2	18 54	3 45	25 1	1 48	7 9	0 25	23 59	0 17	16 58	1 37	6 38	0 33	15 7	1 7	28 2	4 33	21 39	21 25	8 18		n.a.
S 5	22 16	21 55	4 40	18 38	3 56	24 55	1 48	6 57	0 23	23 59	0 17	16 58	1 37	6 37	0 33	15 7	1 7	28 2	4 33	21 40	21 25	8 15		n.a.
M 6	22 24	24 40	4 2	18 24	4 5	24 48	1 49	6 45	0 22	23 59	0 17	16 59	1 37	6 37	0 33	15 6	1 7	28 2	4 33	21 41	21 26	8 12		n.a.
T 7	22 32	26 2	3 10	18 11	4 14	24 41	1 49	6 32	0 20	24 0	0 18	16 59	1 37	6 37	0 33	15 6	1 7	28 2	4 33	21 42	21 26	8 9		n.a.
W 8	22 39	25 47	2 5	17 59	4 21	24 33	1 49	6 20	0 18	24 0	0 18	16 59	1 38	6 36	0 33	15 6	1 7	28 1	4 33	21 43	21 27	8 6		n.a.
T 9	22 46	23 53	0 52	17 48	4 26	24 24	1 49	6 7	0 17	24 0	0 18	17 0	1 38	6 36	0 33	15 5	1 7	28 1	4 33	21 43	21 28	8 3		n.a.
F 10	22 53	20 27	0n25	17 40	4 30	24 15	1 49	5 55	0 15	24 0	0 18	17 0	1 38	6 35	0 33	15 5	1 7	28 1	4 33	21 43	21 28	8 0		n.a.
S 11	22 59	15 47	1 41	17 33	4 33	24 4	1 49	5 42	0 14	24 0	0 18	17 1	1 38	6 35	0 33	15 5	1 7	28 1	4 33	21 43	21 29	7 57		n.a.
S 12	23 5	10 15	2 51	17 28	4 34	23 53	1 49	5 29	0 12	23 59	0 18	17 1	1 39	6 35	0 33	15 4	1 7	28 1	4 33	21 43	21 29	7 54		n.a.
M13	23 10	4 12	3 50	17 25	4 33	23 42	1 49	5 16	0 11	23 59	0 18	17 2	1 39	6 35	0 33	15 4	1 7	28 1	4 33	21 43	21 30	7 51		n.a.
T 14	23 15	2n 2	4 35	17 24	4 31	23 30	1 49	5 3	0 9	23 59	0 18	17 2	1 39	6 34	0 33	15 3	1 7	28 1	4 33	21 43	21 30	7 48		n.a.
W15	23 19	8 5	5 3	17 26	4 27	23 17	1 48	4 49	0 8	23 59	0 18	17 3	1 39	6 34	0 33	15 3	1 7	28 1	4 33	21 43	21 31	7 45		n.a.
T 16	23 23	13 41	5 12	17 29	4 22	23 3	1 48	4 36	0 7	23 59	0 18	17 4	1 39	6 34	0 33	15 3	1 7	28 1	4 33	21 43	21 32	7 42		n.a.
F 17	23 27	18 32	5 4	17 34	4 16	22 49	1 47	4 23	0 5	23 59	0 18	17 4	1 40	6 34	0 33	15 2	1 7	28 1	4 33	21 44	21 32	7 39		n.a.
S 18	23 30	22 22	4 38	17 42	4 9	22 34	1 47	4 9	0 4	23 59	0 19	17 5	1 40	6 33	0 32	15 2	1 7	28 1	4 33	21 45	21 33	7 36		n.a.
S 19	23 33	24 55	3 58	17 51	4 0	22 19	1 46	3 55	0 2	23 58	0 19	17 6	1 40	6 33	0 32	15 1	1 7	28 1	4 33	21 45	21 33	7 33		n.a.
M20	23 36	26 4	3 6	18 2	3 51	22 3	1 45	3 42	0 1	23 58	0 19	17 6	1 40	6 33	0 32	15 1	1 7	28 1	4 33	21 46	21 34	7 30		n.a.
T 21	23 38	25 47	2 5	18 15	3 41	21 46	1 44	3 28	0s 0	23 58	0 19	17 7	1 41	6 33	0 32	15 0	1 7	28 1	4 33	21 47	21 34	7 27		n.a.
W22	23 40	24 10	0 59	18 30	3 30	21 29	1 43	3 14	0 2	23 58	0 19	17 8	1 41	6 33	0 32	15 0	1 7	28 0	4 33	21 47	21 35	7 24		n.a.
T 23	23 41	21 24	0s 8	18 46	3 18	21 11	1 42	3 0	0 3	23 57	0 19	17 9	1 41	6 33	0 32	14 59	1 7	28 0	4 33	21 47	21 35	7 21		n.a.
F 24	23 42	17 44	1 14	19 3	3 6	20 53	1 41	2 46	0 4	23 57	0 19	17 10	1 41	6 33	0 32	14 59	1 7	28 0	4 33	21 47	21 36	7 17		n.a.
S 25	23 42	13 23	2 16	19 22	2 53	20 34	1 40	2 32	0 5	23 57	0 19	17 11	1 41	6 32	0 32	14 58	1 7	28 0	4 34	21 47	21 37	7 14		n.a.
S 26	23 42	8 35	3 12	19 42	2 39	20 15	1 38	2 17	0 7	23 56	0 19	17 11	1 42	6 32	0 32	14 58	1 7	28 0	4 34	21 46	21 37	7 11		n.a.
M27	23 42	3 30	3 59	20 2	2 26	19 55	1 37	2 3	0 8	23 56	0 19	17 12	1 42	6 32	0 32	14 57	1 7	28 0	4 34	21 46	21 38	7 8		n.a.
T 28	23 41	1s43	4 36	20 24	2 12	19 35	1 35	1 49	0 9	23 56	0 19	17 13	1 42	6 32	0 32	14 57	1 7	28 0	4 34	21 46	21 38	7 5		n.a.
W29	23 39	6 55	5 2	20 45	1 57	19 14	1 34	1 34	0 11	23 55	0 20	17 14	1 42	6 32	0 32	14 56	1 7	28 0	4 34	21 46	21 39	7 2		n.a.
T 30	23n38	11s56	5s15	21n 7	1s43	18n52	1n32	1n19	0s12	23n55	0n20	17s15	1s43	6s32	0n32	14n56	1n 7	28n 0	4n34	21s46	21s39	6n59		n.a.

Julian Day Number = 1707329.5, Delta T = 03h02m30s
Ecliptic obliquity = 23°42'02, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°35'44, Lahiri = - 4°28'44 Julian Calendar 1 June 39 BCE == Greg. Calendar 30 May 039 BCE

The year -38 astronomical counting style corresponds to year 039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 39 BCE
geocentric

JULY 39 BCE (-38) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 24 58	5♋18'39	0♏22	16♊ 4	13♌ 5	26♍49	5♋45	17°R52	17♎44	23♌23	8♋11	22°R40	23♑18	4♍12	n.a.	F 1
S 2	18 28 54	6°15'59	13° 9	17°22	14°16	27°23	5°58	17♒49	17°45	23°25	8°13	22♑39	23°15	4°19	n.a.	S 2
S 3	18 32 51	7°13'20	26°19	18°44	15°26	27°57	6°12	17°46	17°45	23°26	8°14	22°36	23°12	4°25	n.a.	S 3
M 4	18 36 48	8°10'42	9♐52	20°12	16°36	28°32	6°25	17°43	17°45	23°28	8°16	22°34	23° 9	4°32	n.a.	M 4
T 5	18 40 44	9° 8'05	23°48	21°44	17°46	29° 6	6°38	17°40	17°45	23°30	8°18	22°33	23° 6	4°39	n.a.	T 5
W 6	18 44 41	10° 5'29	8♑ 4	23°20	18°56	29°41	6°51	17°37	17°46	23°31	8°19	22°32	23° 3	4°46	n.a.	W 6
T 7	18 48 37	11° 2'54	22°35	25° 0	20° 6	0♎16	7° 5	17°34	17°46	23°33	8°21	22°D32	22°59	4°52	n.a.	T 7
F 8	18 52 34	12° 0'20	7♒15	26°44	21°15	0°51	7°18	17°31	17°46	23°35	8°23	22°32	22°56	4°59	n.a.	F 8
S 9	18 56 30	12°57'47	21°58	28°31	22°25	1°26	7°31	17°27	17°47	23°37	8°25	22°33	22°53	5° 6	n.a.	S 9
S 10	19 0 27	13°55'15	6♓37	0♋22	23°35	2° 2	7°44	17°24	17°47	23°38	8°26	22°33	22°50	5°12	n.a.	S 10
M11	19 4 24	14°52'45	21° 7	2°15	24°44	2°37	7°58	17°20	17°48	23°40	8°28	22°34	22°47	5°19	n.a.	M11
T 12	19 8 20	15°50'17	5♈25	4°11	25°54	3°13	8°11	17°17	17°49	23°42	8°30	22°34	22°43	5°26	n.a.	T 12
W13	19 12 17	16°47'50	19°27	6° 8	27° 3	3°49	8°24	17°13	17°49	23°44	8°31	22°R34	22°40	5°32	n.a.	W13
T 14	19 16 13	17°45'24	3♉13	8° 8	28°12	4°25	8°37	17°10	17°50	23°46	8°33	22°34	22°37	5°39	n.a.	T 14
F 15	19 20 10	18°43'01	16°42	10° 8	29°22	5° 2	8°50	17° 6	17°51	23°48	8°35	22°34	22°34	5°46	n.a.	F 15
S 16	19 24 6	19°40'39	29°55	12°10	0♍31	5°38	9° 4	17° 2	17°52	23°49	8°37	22°34	22°31	5°52	n.a.	S 16
S 17	19 28 3	20°38'18	12♊53	14°12	1°40	6°15	9°17	16°58	17°53	23°51	8°38	22°33	22°28	5°59	n.a.	S 17
M18	19 31 59	21°35'59	25°36	16°14	2°49	6°52	9°30	16°54	17°54	23°53	8°40	22°33	22°24	6° 6	n.a.	M18
T 19	19 35 56	22°33'42	8♋ 7	18°16	3°58	7°29	9°43	16°50	17°55	23°55	8°42	22°D33	22°21	6°12	n.a.	T 19
W20	19 39 53	23°31'26	20°26	20°18	5° 6	8° 6	9°56	16°46	17°56	23°57	8°43	22°R33	22°18	6°19	n.a.	W20
T 21	19 43 49	24°29'12	2♌35	22°20	6°15	8°43	10° 9	16°42	17°57	23°59	8°45	22°33	22°15	6°26	n.a.	T 21
F 22	19 47 46	25°26'59	14°35	24°20	7°24	9°20	10°22	16°38	17°58	24° 1	8°47	22°33	22°12	6°32	n.a.	F 22
S 23	19 51 42	26°24'47	26°29	26°21	8°32	9°58	10°35	16°34	17°59	24° 3	8°48	22°33	22° 9	6°39	n.a.	S 23
S 24	19 55 39	27°22'37	8♍19	28°20	9°40	10°36	10°48	16°30	18° 0	24° 5	8°50	22°32	22° 5	6°46	n.a.	S 24
M25	19 59 35	28°20'28	20° 8	0♌18	10°49	11°14	11° 1	16°26	18° 2	24° 7	8°52	22°31	22° 2	6°52	n.a.	M25
T 26	20 3 32	29°18'21	2♎ 0	2°15	11°57	11°52	11°14	16°21	18° 3	24° 9	8°53	22°31	21°59	6°59	n.a.	T 26
W27	20 7 28	0♌16'15	13°59	4°11	13° 5	12°30	11°27	16°17	18° 4	24°11	8°55	22°30	21°56	7° 6	n.a.	W27
T 28	20 11 25	1°14'10	26° 8	6° 6	14°13	13° 8	11°40	16°13	18° 6	24°14	8°57	22°D30	21°53	7°13	n.a.	T 28
F 29	20 15 22	2°12'07	8♏32	7°59	15°20	13°47	11°53	16° 8	18° 7	24°16	8°58	22°30	21°49	7°19	n.a.	F 29
S 30	20 19 18	3°10'05	21°16	9°52	16°28	14°25	12° 6	16° 4	18° 9	24°18	9° 0	22°30	21°46	7°26	n.a.	S 30
S 31	20 23 15	4♌ 8'05	4♐22	11♌43	17♍35	15♎ 4	12♋18	15♒59	18♎10	24♌20	9♋ 1	22♑31	21♑43	7♍33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n36	16s36	5s13	21n29	1s29	18n30	1n30	1n 5	0s13	23n54	0n20	17s16	1s43	6s33	0n32	14n55	1n 7	28n 0	4n34	21s46	21s40	6n56		n.a.
S 2	23 33	20 39	4 56	21 51	1 14	18 8	1 28	0 50	0 14	23 54	0 20	17 17	1 43	6 33	0 32	14 55	1 7	28 0	4 34	21 47	21 40	6 53		n.a.
S 3	23 30	23 48	4 23	22 13	1 0	17 45	1 26	0 35	0 15	23 53	0 20	17 19	1 43	6 33	0 32	14 54	1 7	28 0	4 34	21 47	21 41	6 50		n.a.
M 4	23 27	25 43	3 35	22 34	0 46	17 22	1 24	0 20	0 16	23 53	0 20	17 20	1 43	6 33	0 32	14 53	1 7	28 0	4 34	21 47	21 41	6 47		n.a.
T 5	23 23	26 5	2 32	22 54	0 33	16 58	1 22	0 5	0 18	23 52	0 20	17 21	1 44	6 33	0 32	14 53	1 6	28 0	4 34	21 47	21 42	6 44		n.a.
W 6	23 19	24 46	1 19	23 13	0 19	16 34	1 20	0s10	0 19	23 51	0 20	17 22	1 44	6 33	0 32	14 52	1 6	28 0	4 34	21 48	21 43	6 41		n.a.
T 7	23 14	21 47	0n 0	23 30	0 6	16 10	1 17	0 25	0 20	23 51	0 20	17 23	1 44	6 33	0 32	14 52	1 6	28 0	4 34	21 48	21 43	6 38		n.a.
F 8	23 9	17 22	1 21	23 46	0n 6	15 45	1 15	0 40	0 21	23 50	0 20	17 24	1 44	6 34	0 32	14 51	1 6	28 0	4 34	21 48	21 44	6 35		n.a.
S 9	23 4	11 53	2 36	24 0	0 18	15 20	1 12	0 55	0 22	23 50	0 21	17 25	1 44	6 34	0 32	14 50	1 6	28 0	4 34	21 48	21 44	6 32		n.a.
S 10	22 58	5 46	3 41	24 11	0 29	14 54	1 10	1 10	0 23	23 49	0 21	17 27	1 44	6 34	0 32	14 50	1 6	28 0	4 35	21 47	21 45	6 29		n.a.
M11	22 52	0n35	4 31	24 21	0 40	14 28	1 7	1 26	0 24	23 48	0 21	17 28	1 45	6 34	0 32	14 49	1 6	28 0	4 35	21 47	21 45	6 26		n.a.
T 12	22 45	6 48	5 3	24 28	0 50	14 2	1 4	1 41	0 25	23 47	0 21	17 29	1 45	6 35	0 32	14 49	1 6	28 0	4 35	21 47	21 46	6 22		n.a.
W13	22 38	12 34	5 17	24 32	0 59	13 35	1 1	1 56	0 26	23 47	0 21	17 30	1 45	6 35	0 32	14 48	1 6	28 0	4 35	21 47	21 46	6 19		n.a.
T 14	22 30	17 35	5 12	24 34	1 7	13 8	0 58	2 12	0 27	23 46	0 21	17 32	1 45	6 35	0 32	14 47	1 6	28 0	4 35	21 47	21 47	6 16		n.a.
F 15	22 23	21 38	4 50	24 33	1 15	12 41	0 55	2 27	0 29	23 45	0 21	17 33	1 45	6 35	0 32	14 47	1 6	27 59	4 35	21 47	21 47	6 13		n.a.
S 16	22 14	24 28	4 12	24 30	1 22	12 13	0 52	2 43	0 30	23 44	0 21	17 34	1 46	6 36	0 31	14 46	1 6	27 59	4 35	21 47	21 48	6 10		n.a.
S 17	22 6	25 57	3 23	24 23	1 28	11 45	0 49	2 58	0 31	23 44	0 21	17 36	1 46	6 36	0 31	14 45	1 6	27 59	4 35	21 47	21 48	6 7		n.a.
M18	21 57	26 2	2 24	24 14	1 33	11 17	0 45	3 14	0 32	23 43	0 21	17 37	1 46	6 37	0 31	14 45	1 6	27 59	4 35	21 47	21 49	6 4		n.a.
T 19	21 47	24 46	1 19	24 2	1 37	10 49	0 42	3 30	0 33	23 42	0 22	17 38	1 46	6 37	0 31	14 44	1 6	27 59	4 35	21 47	21 49	6 1		n.a.
W20	21 38	22 19	0 12	23 48	1 40	10 20	0 39	3 45	0 34	23 41	0 22	17 40	1 46	6 37	0 31	14 43	1 6	27 59	4 35	21 47	21 50	5 58		n.a.
T 21	21 27	18 54	0s55	23 31	1 43	9 51	0 35	4 1	0 35	23 40	0 22	17 41	1 46	6 38	0 31	14 43	1 6	27 59	4 36	21 47	21 50	5 55		n.a.
F 22	21 17	14 44	1 59	23 12	1 45	9 22	0 31	4 17	0 35	23 39	0 22	17 43	1 46	6 38	0 31	14 42	1 6	27 59	4 36	21 47	21 51	5 52		n.a.
S 23	21 6	10 3	2 57	22 51	1 46	8 53	0 28	4 33	0 36	23 38	0 22	17 44	1 47	6 39	0 31	14 41	1 6	27 59	4 36	21 48	21 51	5 49		n.a.
S 24	20 55	5 2	3 48	22 28	1 47	8 24	0 24	4 49	0 37	23 37	0 22	17 45	1 47	6 39	0 31	14 41	1 6	27 59	4 36	21 48	21 52	5 46		n.a.
M25	20 43	0s 9	4 28	22 3	1 47	7 54	0 20	5 4	0 38	23 36	0 22	17 47	1 47	6 40	0 31	14 40	1 6	27 59	4 36	21 48	21 53	5 43		n.a.
T 26	20 31	5 20	4 57	21 36	1 46	7 24	0 16	5 20	0 39	23 35	0 22	17 48	1 47	6 41	0 31	14 39	1 6	27 59	4 36	21 48	21 53	5 40		n.a.
W27	20 19	10 22	5 13	21 7	1 45	6 54	0 12	5 36	0 40	23 34	0 22	17 50	1 47	6 41	0 31	14 39	1 6	27 59	4 36	21 48	21 54	5 37		n.a.
T 28	20 6	15 6	5 16	20 37	1 43	6 24	0 8	5 52	0 41	23 33	0 23	17 51	1 47	6 42	0 31	14 38	1 6	27 59	4 36	21 48	21 54	5 34		n.a.
F 29	19 53	19 18	5 5	20 6	1 41	5 54	0 4	6 8	0 42	23 32	0 23	17 53	1 47	6 42	0 31	14 37	1 6	27 59	4 36	21 48	21 55	5 30		n.a.
S 30	19 40	22 44	4 38	19 33	1 38	5 23	0s 0	6 24	0 43	23 31	0 23	17 54	1 48	6 43	0 31	14 36	1 6	27 59	4 37	21 48	21 55	5 27		n.a.
S 31	19n26	25s 7	3s56	18n59	1n35	4n53	0s 5	6s40	0s44	23n30	0n23	17s56	1s48	6s44	0n31	14n36	1n 6	27n59	4n37	21s48	21s56	5n24		n.a.

Julian Day Number = 1707359.5, Delta T = 03h02m29s
Ecliptic obliquity = 23°42'02, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°35'40, Lahiri = - 4°28'40 Julian Calendar 1 July 39 BCE == Greg. Calendar 29 June 039 BCE

The year -38 astronomical counting style corresponds to year 039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 39 BCE
geocentric

AUGUST 39 BCE (-38) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 27 11	5♌ 6'06	17♐54	13♌32	18♍43	15♎43	12♋31	15°R55	18♎12	24♌22	9♋ 3	22♑32	21♑40	7♍39	n.a.	M 1
T 2	20 31 8	6° 4'09	1♑53	15°21	19°50	16°22	12°44	15♒50	18°14	24°24	9° 5	22°33	21°37	7°46	n.a.	T 2
W 3	20 35 4	7° 2'13	16°17	17° 8	20°57	17° 1	12°56	15°46	18°16	24°26	9° 6	22°R33	21°34	7°53	n.a.	W 3
T 4	20 39 1	8° 0'19	1♒ 2	18°54	22° 4	17°40	13° 9	15°41	18°17	24°28	9° 8	22°33	21°30	7°59	n.a.	T 4
F 5	20 42 57	8°58'27	16° 1	20°38	23°11	18°20	13°22	15°37	18°19	24°31	9° 9	22°33	21°27	8° 6	n.a.	F 5
S 6	20 46 54	9°56'36	1♓ 7	22°22	24°17	18°59	13°34	15°32	18°21	24°33	9°11	22°31	21°24	8°13	n.a.	S 6
S 7	20 50 51	10°54'48	16°10	24° 4	25°24	19°39	13°47	15°28	18°23	24°35	9°12	22°29	21°21	8°19	n.a.	S 7
M 8	20 54 47	11°53'01	1♈ 1	25°45	26°30	20°18	13°59	15°23	18°25	24°37	9°14	22°26	21°18	8°26	n.a.	M 8
T 9	20 58 44	12°51'17	15°34	27°25	27°36	20°58	14°12	15°18	18°27	24°39	9°15	22°24	21°15	8°33	n.a.	T 9
W10	21 2 40	13°49'34	29°45	29° 4	28°42	21°38	14°24	15°14	18°29	24°42	9°17	22°23	21°11	8°39	n.a.	W10
T 11	21 6 37	14°47'54	13♉31	0♍41	29°48	22°18	14°36	15° 9	18°31	24°44	9°18	22°D22	21° 8	8°46	n.a.	T 11
F 12	21 10 33	15°46'16	26°54	2°17	0♎54	22°59	14°48	15° 4	18°33	24°46	9°20	22°22	21° 5	8°53	n.a.	F 12
S 13	21 14 30	16°44'41	9♊56	3°53	1°59	23°39	15° 1	15° 0	18°35	24°48	9°21	22°24	21° 2	9° 0	n.a.	S 13
S 14	21 18 26	17°43'08	22°39	5°27	3° 5	24°19	15°13	14°55	18°38	24°50	9°23	22°25	20°59	9° 6	n.a.	S 14
M15	21 22 23	18°41'37	5♋ 6	7° 0	4°10	25° 0	15°25	14°51	18°40	24°53	9°24	22°27	20°55	9°13	n.a.	M15
T 16	21 26 20	19°40'08	17°21	8°32	5°15	25°41	15°37	14°46	18°42	24°55	9°25	22°R28	20°52	9°20	n.a.	T 16
W17	21 30 16	20°38'41	29°26	10° 3	6°19	26°22	15°49	14°41	18°45	24°57	9°27	22°28	20°49	9°26	n.a.	W17
T 18	21 34 13	21°37'16	11♌25	11°32	7°24	27° 3	16° 1	14°37	18°47	24°59	9°28	22°26	20°46	9°33	n.a.	T 18
F 19	21 38 9	22°35'53	23°18	13° 1	8°28	27°44	16°13	14°32	18°50	25° 2	9°29	22°23	20°43	9°40	n.a.	F 19
S 20	21 42 6	23°34'32	5♍ 9	14°28	9°32	28°25	16°25	14°28	18°52	25° 4	9°31	22°19	20°40	9°46	n.a.	S 20
S 21	21 46 2	24°33'14	16°58	15°54	10°36	29° 6	16°36	14°23	18°55	25° 6	9°32	22°13	20°36	9°53	n.a.	S 21
M22	21 49 59	25°31'57	28°49	17°20	11°40	29°48	16°48	14°19	18°57	25° 8	9°33	22° 7	20°33	10° 0	n.a.	M22
T 23	21 53 55	26°30'42	10♎43	18°43	12°43	0♏29	17° 0	14°14	19° 0	25°10	9°35	22° 1	20°30	10° 6	n.a.	T 23
W24	21 57 52	27°29'29	22°43	20° 6	13°47	1°11	17°11	14°10	19° 2	25°13	9°36	21°56	20°27	10°13	n.a.	W24
T 25	22 1 48	28°28'18	4♏52	21°28	14°49	1°52	17°23	14° 5	19° 5	25°15	9°37	21°52	20°24	10°20	n.a.	T 25
F 26	22 5 45	29°27'08	17°13	22°48	15°52	2°34	17°34	14° 1	19° 8	25°17	9°38	21°49	20°21	10°27	n.a.	F 26
S 27	22 9 42	0♍26'01	29°52	24° 7	16°55	3°16	17°45	13°57	19°10	25°19	9°40	21°D48	20°17	10°33	n.a.	S 27
S 28	22 13 38	1°24'55	12♐51	25°24	17°57	3°58	17°57	13°52	19°13	25°22	9°41	21°49	20°14	10°40	n.a.	S 28
M29	22 17 35	2°23'52	26°15	26°40	18°58	4°40	18° 8	13°48	19°16	25°24	9°42	21°50	20°11	10°47	n.a.	M29
T 30	22 21 31	3°22'50	10♑ 6	27°55	20° 0	5°23	18°19	13°44	19°19	25°26	9°43	21°51	20° 8	10°53	n.a.	T 30
W31	22 25 28	4♍21'50	24♑24	29♍ 8	21♎ 1	6♏ 5	18♋30	13♒40	19♎22	25♌28	9♋44	21°R52	20♑ 5	11♍ 0	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	19n12	26s 8	3s 0	18n24	1n32	4n22	0s 9	6s56	0s44	23n29	0n23	17s57	1s48	6s44	0n31	14n35	1n 6	27n59	4n37	21s48	21s56	5n21			n.a.
T 2	18 58	25 33	1 52	17 48	1 27	3 52	0 13	7 12	0 45	23 28	0 23	17 59	1 48	6 45	0 31	14 34	1 6	27 59	4 37	21 47	21 57	5 18			n.a.
W 3	18 43	23 16	0 35	17 11	1 23	3 21	0 18	7 28	0 46	23 27	0 23	18 0	1 48	6 46	0 31	14 34	1 6	27 59	4 37	21 47	21 57	5 15			n.a.
T 4	18 28	19 23	0n47	16 34	1 18	2 50	0 23	7 44	0 47	23 26	0 23	18 2	1 48	6 46	0 31	14 33	1 6	27 59	4 37	21 47	21 58	5 12			n.a.
F 5	18 13	14 12	2 6	15 55	1 13	2 19	0 27	8 0	0 48	23 25	0 24	18 3	1 48	6 47	0 31	14 32	1 6	27 59	4 37	21 48	21 58	5 9			n.a.
S 6	17 57	8 8	3 17	15 16	1 8	1 48	0 32	8 16	0 49	23 24	0 24	18 4	1 48	6 48	0 31	14 31	1 6	27 59	4 37	21 48	21 59	5 6			n.a.
S 7	17 41	1 37	4 14	14 37	1 2	1 17	0 36	8 32	0 49	23 22	0 24	18 6	1 48	6 49	0 31	14 31	1 6	27 59	4 38	21 48	21 59	5 3			n.a.
M 8	17 25	4n53	4 54	13 57	0 56	0 47	0 41	8 47	0 50	23 21	0 24	18 7	1 48	6 49	0 31	14 30	1 6	27 59	4 38	21 49	22 0	5 0			n.a.
T 9	17 8	11 0	5 13	13 17	0 50	0 16	0 46	9 3	0 51	23 20	0 24	18 9	1 49	6 50	0 31	14 29	1 6	28 0	4 38	21 49	22 0	4 57			n.a.
W10	16 51	16 22	5 13	12 36	0 44	0s15	0 51	9 19	0 52	23 19	0 24	18 10	1 49	6 51	0 31	14 28	1 6	28 0	4 38	21 49	22 1	4 54			n.a.
T 11	16 34	20 44	4 54	11 55	0 37	0 46	0 56	9 35	0 52	23 18	0 24	18 12	1 49	6 52	0 31	14 28	1 6	28 0	4 38	21 49	22 1	4 51			n.a.
F 12	16 17	23 53	4 20	11 14	0 30	1 17	1 1	9 51	0 53	23 16	0 24	18 13	1 49	6 53	0 31	14 27	1 6	28 0	4 38	21 49	22 2	4 48			n.a.
S 13	15 59	25 42	3 33	10 33	0 23	1 48	1 6	10 7	0 54	23 15	0 25	18 15	1 49	6 54	0 31	14 26	1 6	28 0	4 38	21 49	22 2	4 45			n.a.
S 14	15 41	26 6	2 37	9 52	0 16	2 19	1 11	10 23	0 55	23 14	0 25	18 16	1 49	6 54	0 31	14 25	1 6	28 0	4 39	21 49	22 3	4 41			n.a.
M15	15 23	25 10	1 34	9 10	0 9	2 50	1 16	10 38	0 55	23 13	0 25	18 18	1 49	6 55	0 30	14 25	1 6	28 0	4 39	21 49	22 3	4 38			n.a.
T 16	15 5	23 2	0 28	8 29	0 1	3 21	1 21	10 54	0 56	23 11	0 25	18 19	1 49	6 56	0 30	14 24	1 6	28 0	4 39	21 48	22 4	4 35			n.a.
W17	14 46	19 52	0s38	7 47	0s 6	3 51	1 26	11 10	0 57	23 10	0 25	18 20	1 49	6 57	0 30	14 23	1 6	28 0	4 39	21 48	22 4	4 32			n.a.
T 18	14 27	15 55	1 42	7 6	0 14	4 22	1 31	11 25	0 57	23 9	0 25	18 22	1 49	6 58	0 30	14 22	1 6	28 0	4 39	21 49	22 5	4 29			n.a.
F 19	14 8	11 22	2 41	6 25	0 22	4 52	1 37	11 41	0 58	23 7	0 25	18 23	1 49	6 59	0 30	14 22	1 6	28 0	4 39	21 49	22 5	4 26			n.a.
S 20	13 48	6 26	3 32	5 44	0 29	5 23	1 42	11 56	0 59	23 6	0 25	18 25	1 49	7 0	0 30	14 21	1 6	28 0	4 39	21 50	22 6	4 23			n.a.
S 21	13 29	1 18	4 15	5 3	0 37	5 53	1 47	12 12	0 59	23 5	0 26	18 26	1 49	7 1	0 30	14 20	1 6	28 0	4 40	21 51	22 6	4 20			n.a.
M22	13 9	3s53	4 46	4 22	0 45	6 23	1 52	12 27	1 0	23 3	0 26	18 27	1 49	7 2	0 30	14 19	1 6	28 0	4 40	21 52	22 7	4 17			n.a.
T 23	12 49	8 57	5 5	3 42	0 53	6 53	1 58	12 43	1 1	23 2	0 26	18 29	1 49	7 3	0 30	14 19	1 6	28 0	4 40	21 53	22 7	4 14			n.a.
W24	12 29	13 43	5 11	3 2	1 1	7 23	2 3	12 58	1 1	23 1	0 26	18 30	1 49	7 4	0 30	14 18	1 6	28 0	4 40	21 54	22 8	4 11			n.a.
T 25	12 8	18 2	5 3	2 22	1 9	7 52	2 8	13 13	1 2	22 59	0 26	18 31	1 49	7 5	0 30	14 17	1 6	28 0	4 40	21 54	22 8	4 8			n.a.
F 26	11 47	21 39	4 41	1 43	1 17	8 22	2 14	13 28	1 3	22 58	0 26	18 33	1 49	7 6	0 30	14 16	1 6	28 0	4 40	21 55	22 8	4 5			n.a.
S 27	11 26	24 20	4 5	1 4	1 25	8 51	2 19	13 44	1 3	22 57	0 26	18 34	1 49	7 7	0 30	14 16	1 6	28 0	4 41	21 55	22 9	4 2			n.a.
S 28	11 5	25 49	3 16	0 26	1 32	9 20	2 24	13 59	1 4	22 55	0 27	18 35	1 49	7 8	0 30	14 15	1 6	28 1	4 41	21 55	22 9	3 59			n.a.
M29	10 44	25 53	2 15	0s12	1 40	9 49	2 30	14 14	1 4	22 54	0 27	18 37	1 49	7 10	0 30	14 14	1 6	28 1	4 41	21 54	22 10	3 56			n.a.
T 30	10 23	24 22	1 3	0 49	1 48	10 17	2 35	14 28	1 5	22 53	0 27	18 38	1 49	7 11	0 30	14 13	1 6	28 1	4 41	21 54	22 10	3 53			n.a.
W31	10n 1	21s15	0n14	1s25	1s56	10s46	2s40	14s43	1s 5	22n51	0n27	18s39	1s49	7s12	0n30	14n13	1n 6	28n 1	4n41	21s54	22s11	3n49			n.a.

Julian Day Number = 1707390.5, Delta T = 03h02m29s
Ecliptic obliquity = 23°42'02, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°35'36, Lahiri = - 4°28'36 Julian Calendar 1 Aug. 39 BCE == Greg. Calendar 30 July 039 BCE

The year -38 astronomical counting style corresponds to year 039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 39 BCE
geocentric

SEPTEMBER 39 BCE (-38) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 29 24	5♍20'52	9♒ 8	0♎19	22♎ 2	6♏47	18♋41	13°R35	19♎25	25♑30	9♋45	21°R51	20♉ 1	11♍ 7	n.a.	T 1
F 2	22 33 21	6°19'55	24°12	1°29	23° 3	7°30	18°52	13♒31	19°28	25°33	9°46	21♉47	19°58	11°13	n.a.	F 2
S 3	22 37 17	7°19'01	9♓28	2°36	24° 3	8°13	19° 3	13°27	19°31	25°35	9°47	21°42	19°55	11°20	n.a.	S 3
S 4	22 41 14	8°18'09	24°46	3°42	25° 2	8°55	19°13	13°23	19°34	25°37	9°48	21°36	19°52	11°27	n.a.	S 4
M 5	22 45 11	9°17'19	9♈54	4°45	26° 2	9°38	19°24	13°19	19°37	25°39	9°49	21°28	19°49	11°33	n.a.	M 5
T 6	22 49 7	10°16'31	24°44	5°46	27° 1	10°21	19°34	13°16	19°40	25°41	9°50	21°21	19°46	11°40	n.a.	T 6
W 7	22 53 4	11°15'46	9♉ 8	6°44	28° 0	11° 4	19°45	13°12	19°43	25°44	9°51	21°16	19°42	11°47	n.a.	W 7
T 8	22 57 0	12°15'04	23° 3	7°39	28°58	11°47	19°55	13° 8	19°46	25°46	9°52	21°12	19°39	11°54	n.a.	T 8
F 9	23 0 57	13°14'23	6♊29	8°32	29°56	12°30	20° 5	13° 4	19°49	25°48	9°53	21°10	19°36	12° 0	n.a.	F 9
S 10	23 4 53	14°13'46	19°29	9°21	0♏53	13°13	20°16	13° 1	19°52	25°50	9°54	21°D10	19°33	12° 7	n.a.	S 10
S 11	23 8 50	15°13'10	2♋ 7	10° 6	1°50	13°57	20°26	12°57	19°56	25°52	9°55	21°11	19°30	12°14	n.a.	S 11
M12	23 12 46	16°12'37	14°26	10°47	2°47	14°40	20°36	12°54	19°59	25°54	9°56	21°12	19°26	12°20	n.a.	M12
T 13	23 16 43	17°12'07	26°32	11°24	3°43	15°24	20°45	12°50	20° 2	25°56	9°57	21°R12	19°23	12°27	n.a.	T 13
W14	23 20 40	18°11'38	8♌29	11°56	4°38	16° 7	20°55	12°47	20° 5	25°59	9°58	21°10	19°20	12°34	n.a.	W14
T 15	23 24 36	19°11'12	20°21	12°22	5°33	16°51	21° 5	12°44	20° 9	26° 1	9°58	21° 6	19°17	12°40	n.a.	T 15
F 16	23 28 33	20°10'48	2♍10	12°43	6°28	17°35	21°14	12°40	20°12	26° 3	9°59	20°59	19°14	12°47	n.a.	F 16
S 17	23 32 29	21°10'27	14° 0	12°58	7°22	18°19	21°24	12°37	20°16	26° 5	10° 0	20°50	19°11	12°54	n.a.	S 17
S 18	23 36 26	22°10'07	25°51	13° 6	8°15	19° 2	21°33	12°34	20°19	26° 7	10° 1	20°39	19° 7	13° 0	n.a.	S 18
M19	23 40 22	23° 9'49	7♎47	13°R 6	9° 8	19°46	21°42	12°31	20°22	26° 9	10° 1	20°27	19° 4	13° 7	n.a.	M19
T 20	23 44 19	24° 9'34	19°47	12°59	10° 0	20°31	21°52	12°28	20°26	26°11	10° 2	20°14	19° 1	13°14	n.a.	T 20
W21	23 48 15	25° 9'20	1♏53	12°43	10°51	21°15	22° 1	12°26	20°29	26°13	10° 3	20° 3	18°58	13°21	n.a.	W21
T 22	23 52 12	26° 9'09	14° 8	12°19	11°42	21°59	22° 9	12°23	20°33	26°15	10° 3	19°54	18°55	13°27	n.a.	T 22
F 23	23 56 8	27° 8'59	26°33	11°46	12°32	22°43	22°18	12°20	20°36	26°17	10° 4	19°47	18°52	13°34	n.a.	F 23
S 24	0 0 5	28° 8'51	9♐12	11° 4	13°21	23°28	22°27	12°18	20°40	26°19	10° 4	19°43	18°48	13°41	n.a.	S 24
S 25	0 4 2	29° 8'45	22° 7	10°13	14°10	24°12	22°35	12°15	20°43	26°21	10° 5	19°41	18°45	13°47	n.a.	S 25
M26	0 7 58	0♎ 8'41	5♉23	9°14	14°58	24°57	22°44	12°13	20°47	26°23	10° 5	19°D41	18°42	13°54	n.a.	M26
T 27	0 11 55	1° 8'39	19° 2	8° 9	15°45	25°41	22°52	12°11	20°50	26°25	10° 6	19°R41	18°39	14° 1	n.a.	T 27
W28	0 15 51	2° 8'38	3♒ 6	6°57	16°31	26°26	23° 0	12° 9	20°54	26°27	10° 6	19°41	18°36	14° 7	n.a.	W28
T 29	0 19 48	3° 8'39	17°36	5°42	17°16	27°11	23° 8	12° 7	20°58	26°29	10° 7	19°38	18°32	14°14	n.a.	T 29
F 30	0 23 44	4♎ 8'41	2♓28	4♎25	18♏ 0	27♏56	23♋16	12♒ 5	21♎ 1	26♑30	10♋ 7	19♉33	18♉29	14♍21	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9n39	16s41	1n32	2s 0	2s 3	11s14	2s46	14s58	1s 6	22n50	0n27	18s40	1s49	7s13	0n30	14n12	1n 6	28n 1	4n41	21s54	22s11	3n46		n.a.
F 2	9 17	11 0	2 46	2 35	2 11	11 42	2 51	15 13	1 6	22 48	0 27	18 41	1 49	7 14	0 30	14 11	1 6	28 1	4 42	21 55	22 12	3 43		n.a.
S 3	8 55	4 35	3 48	3 9	2 18	12 9	2 56	15 27	1 7	22 47	0 28	18 43	1 49	7 15	0 30	14 10	1 7	28 1	4 42	21 56	22 12	3 40		n.a.
S 4	8 33	2n 6	4 35	3 42	2 25	12 37	3 2	15 42	1 8	22 46	0 28	18 44	1 49	7 16	0 30	14 10	1 7	28 1	4 42	21 57	22 13	3 37		n.a.
M 5	8 10	8 34	5 1	4 13	2 32	13 4	3 7	15 56	1 8	22 44	0 28	18 45	1 49	7 18	0 30	14 9	1 7	28 1	4 42	21 58	22 13	3 34		n.a.
T 6	7 48	14 26	5 7	4 44	2 38	13 30	3 12	16 10	1 9	22 43	0 28	18 46	1 49	7 19	0 30	14 8	1 7	28 1	4 42	21 59	22 14	3 31		n.a.
W 7	7 25	19 19	4 53	5 13	2 45	13 57	3 18	16 24	1 9	22 42	0 28	18 47	1 49	7 20	0 30	14 8	1 7	28 1	4 42	22 0	22 14	3 28		n.a.
T 8	7 2	22 57	4 22	5 40	2 51	14 23	3 23	16 38	1 10	22 40	0 28	18 48	1 49	7 21	0 30	14 7	1 7	28 2	4 43	22 1	22 15	3 25		n.a.
F 9	6 39	25 11	3 37	6 7	2 56	14 48	3 28	16 52	1 10	22 39	0 28	18 49	1 49	7 22	0 30	14 6	1 7	28 2	4 43	22 1	22 15	3 22		n.a.
S 10	6 16	25 58	2 42	6 31	3 1	15 14	3 33	17 6	1 10	22 38	0 29	18 50	1 49	7 24	0 30	14 5	1 7	28 2	4 43	22 1	22 16	3 19		n.a.
S 11	5 53	25 22	1 41	6 53	3 6	15 39	3 38	17 19	1 11	22 36	0 29	18 51	1 49	7 25	0 30	14 5	1 7	28 2	4 43	22 1	22 16	3 16		n.a.
M12	5 30	23 31	0 36	7 14	3 10	16 3	3 43	17 33	1 11	22 35	0 29	18 52	1 49	7 26	0 30	14 4	1 7	28 2	4 43	22 1	22 16	3 13		n.a.
T 13	5 7	20 37	0s29	7 32	3 14	16 28	3 48	17 46	1 12	22 33	0 29	18 53	1 49	7 27	0 30	14 3	1 7	28 2	4 44	22 1	22 17	3 10		n.a.
W14	4 43	16 52	1 31	7 47	3 17	16 51	3 53	18 0	1 12	22 32	0 29	18 54	1 49	7 29	0 30	14 3	1 7	28 2	4 44	22 1	22 17	3 7		n.a.
T 15	4 19	12 30	2 29	8 0	3 19	17 15	3 58	18 13	1 13	22 31	0 29	18 55	1 49	7 30	0 30	14 2	1 7	28 2	4 44	22 1	22 18	3 4		n.a.
F 16	3 56	7 42	3 21	8 9	3 21	17 38	4 3	18 26	1 13	22 29	0 30	18 56	1 49	7 31	0 30	14 1	1 7	28 3	4 44	22 3	22 18	3 1		n.a.
S 17	3 32	2 38	4 3	8 15	3 21	18 1	4 8	18 38	1 13	22 28	0 30	18 57	1 49	7 33	0 30	14 0	1 7	28 3	4 44	22 4	22 19	2 58		n.a.
S 18	3 8	2s32	4 35	8 18	3 20	18 23	4 12	18 51	1 14	22 27	0 30	18 57	1 49	7 34	0 30	14 0	1 7	28 3	4 45	22 6	22 19	2 54		n.a.
M19	2 45	7 38	4 55	8 16	3 19	18 45	4 17	19 4	1 14	22 25	0 30	18 58	1 49	7 35	0 30	13 59	1 7	28 3	4 45	22 8	22 20	2 51		n.a.
T 20	2 21	12 28	5 2	8 10	3 15	19 6	4 21	19 16	1 15	22 24	0 30	18 59	1 49	7 37	0 30	13 58	1 7	28 3	4 45	22 9	22 20	2 48		n.a.
W21	1 57	16 53	4 56	8 0	3 11	19 27	4 26	19 28	1 15	22 23	0 31	19 0	1 49	7 38	0 30	13 58	1 7	28 3	4 45	22 11	22 21	2 45		n.a.
T 22	1 33	20 38	4 36	7 45	3 5	19 47	4 30	19 40	1 15	22 22	0 31	19 0	1 49	7 39	0 30	13 57	1 7	28 3	4 45	22 12	22 21	2 42		n.a.
F 23	1 9	23 32	4 3	7 24	2 57	20 7	4 34	19 52	1 16	22 20	0 31	19 1	1 49	7 41	0 30	13 56	1 7	28 3	4 45	22 13	22 21	2 39		n.a.
S 24	0 45	25 19	3 18	6 58	2 47	20 26	4 38	20 4	1 16	22 19	0 31	19 2	1 48	7 42	0 30	13 56	1 7	28 4	4 46	22 14	22 22	2 36		n.a.
S 25	0 21	25 48	2 21	6 28	2 35	20 45	4 42	20 15	1 16	22 18	0 31	19 2	1 48	7 43	0 30	13 55	1 7	28 4	4 46	22 14	22 22	2 33		n.a.
M26	0s 3	24 51	1 15	5 52	2 22	21 3	4 46	20 27	1 16	22 17	0 31	19 3	1 48	7 45	0 30	13 55	1 7	28 4	4 46	22 14	22 23	2 30		n.a.
T 27	0 28	22 23	0 4	5 12	2 6	21 21	4 50	20 38	1 17	22 15	0 32	19 3	1 48	7 46	0 29	13 54	1 7	28 4	4 46	22 14	22 23	2 27		n.a.
W28	0 52	18 32	1n11	4 28	1 49	21 38	4 54	20 49	1 17	22 14	0 32	19 4	1 48	7 47	0 29	13 53	1 7	28 4	4 46	22 14	22 24	2 24		n.a.
T 29	1 16	13 28	2 22	3 40	1 31	21 55	4 57	21 0	1 17	22 13	0 32	19 5	1 48	7 49	0 29	13 53	1 7	28 4	4 47	22 15	22 24	2 21		n.a.
F 30	1s40	7s30	3n26	2s52	1s11	22s11	5s 0	21s10	1s18	22n12	0n32	19s 5	1s48	7s50	0n29	13n52	1n 7	28n 5	4n47	22s16	22s25	2n18		n.a.

Julian Day Number = 1707421.5, Delta T = 03h02m28s
Ecliptic obliquity = 23°42'02, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°35'32, Lahiri = - 4°28'31 Julian Calendar 1 Sept. 39 BCE == Greg. Calendar 30 Aug. 039 BCE

The year -38 astronomical counting style corresponds to year 039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 39 BCE
geocentric

OCTOBER 39 BCE (-38) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 27 41	5♎ 8'45	17♓37	3°R 9	18♏43	28♏40	23♋24	12°R 3	21♎ 5	26♌32	10♋ 7	19°R25	18♑26	14♍28	n.a.	S 1
S 2	0 31 37	6° 8'51	2♈52	1♎55	19°25	29°25	23°31	12♒ 1	21° 8	26°34	10° 8	19♑15	18°23	14°34	n.a.	S 2
M 3	0 35 34	7° 8'59	18° 4	0°47	20° 6	0♐10	23°39	11°59	21°12	26°36	10° 8	19° 4	18°20	14°41	n.a.	M 3
T 4	0 39 31	8° 9'09	3♉ 0	29♍46	20°46	0°55	23°46	11°58	21°16	26°38	10° 8	18°53	18°17	14°48	n.a.	T 4
W 5	0 43 27	9° 9'21	17°34	28°54	21°25	1°40	23°53	11°56	21°19	26°39	10° 9	18°43	18°13	14°54	n.a.	W 5
T 6	0 47 24	10° 9'36	1♊38	28°12	22° 2	2°26	24° 1	11°55	21°23	26°41	10° 9	18°36	18°10	15° 1	n.a.	T 6
F 7	0 51 20	11° 9'52	15°12	27°42	22°38	3°11	24° 7	11°54	21°27	26°43	10° 9	18°31	18° 7	15° 8	n.a.	F 7
S 8	0 55 17	12°10'10	28°17	27°23	23°13	3°56	24°14	11°53	21°31	26°45	10° 9	18°29	18° 4	15°14	n.a.	S 8
S 9	0 59 13	13°10'31	10♋57	27°D16	23°47	4°42	24°21	11°51	21°34	26°46	10° 9	18°29	18° 1	15°21	n.a.	S 9
M10	1 3 10	14°10'54	23°16	27°20	24°19	5°27	24°27	11°51	21°38	26°48	10°10	18°29	17°58	15°28	n.a.	M10
T 11	1 7 6	15°11'18	5♌20	27°35	24°50	6°12	24°34	11°50	21°42	26°50	10°10	18°28	17°54	15°35	n.a.	T 11
W12	1 11 3	16°11'45	17°14	28° 0	25°19	6°58	24°40	11°49	21°45	26°51	10°10	18°25	17°51	15°41	n.a.	W12
T 13	1 15 0	17°12'13	29° 4	28°34	25°47	7°44	24°46	11°48	21°49	26°53	10°10	18°20	17°48	15°48	n.a.	T 13
F 14	1 18 56	18°12'44	10♍53	29°17	26°13	8°29	24°52	11°48	21°53	26°54	10°R10	18°12	17°45	15°55	n.a.	F 14
S 15	1 22 53	19°13'16	22°44	0♎ 6	26°37	9°15	24°57	11°47	21°57	26°56	10°10	18° 1	17°42	16° 1	n.a.	S 15
S 16	1 26 49	20°13'50	4♎40	1° 3	26°59	10° 1	25° 3	11°47	22° 0	26°57	10°10	17°47	17°38	16° 8	n.a.	S 16
M17	1 30 46	21°14'26	16°43	2° 5	27°20	10°46	25° 8	11°47	22° 4	26°59	10°10	17°33	17°35	16°15	n.a.	M17
T 18	1 34 42	22°15'03	28°53	3°12	27°39	11°32	25°14	11°47	22° 8	27° 0	10°10	17°18	17°32	16°21	n.a.	T 18
W19	1 38 39	23°15'42	11♏12	4°23	27°56	12°18	25°19	11°D47	22°12	27° 2	10°10	17° 4	17°29	16°28	n.a.	W19
T 20	1 42 35	24°16'22	23°40	5°38	28°10	13° 4	25°23	11°47	22°15	27° 3	10° 9	16°53	17°26	16°35	n.a.	T 20
F 21	1 46 32	25°17'04	6♐17	6°56	28°23	13°50	25°28	11°47	22°19	27° 5	10° 9	16°44	17°23	16°42	n.a.	F 21
S 22	1 50 29	26°17'48	19° 6	8°17	28°33	14°36	25°33	11°47	22°23	27° 6	10° 9	16°39	17°19	16°48	n.a.	S 22
S 23	1 54 25	27°18'32	2♑ 7	9°40	28°42	15°22	25°37	11°48	22°27	27° 7	10° 9	16°36	17°16	16°55	n.a.	S 23
M24	1 58 22	28°19'18	15°23	11° 5	28°48	16° 8	25°41	11°48	22°30	27° 9	10° 9	16°D36	17°13	17° 2	n.a.	M24
T 25	2 2 18	29°20'05	28°57	12°31	28°51	16°55	25°45	11°49	22°34	27°10	10° 8	16°R36	17°10	17° 8	n.a.	T 25
W26	2 6 15	0♏20'53	12♒50	13°59	28°R52	17°41	25°49	11°50	22°38	27°11	10° 8	16°35	17° 7	17°15	n.a.	W26
T 27	2 10 11	1°21'42	27° 3	15°28	28°51	18°27	25°53	11°51	22°42	27°12	10° 8	16°33	17° 3	17°22	n.a.	T 27
F 28	2 14 8	2°22'32	11♓34	16°58	28°48	19°13	25°56	11°51	22°45	27°13	10° 7	16°28	17° 0	17°29	n.a.	F 28
S 29	2 18 4	3°23'23	26°21	18°28	28°41	20° 0	26° 0	11°53	22°49	27°15	10° 7	16°21	16°57	17°35	n.a.	S 29
S 30	2 22 1	4°24'14	11♈17	19°59	28°33	20°46	26° 3	11°54	22°53	27°16	10° 7	16°11	16°54	17°42	n.a.	S 30
M31	2 25 57	5♏25'08	26♈12	21♎31	28♏22	21♐32	26♋ 6	11♒55	22♎56	27♌17	10♋ 6	16♑ 0	16♑51	17♍49	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s 4	1s 1	4n16	2s 2	0s51	22s26	5s 3	21s21	1s18	22n11	0n32	19s 5	1s48	7s52	0n29	13n51	1n 7	28n 5	4n47	22s17	22s25	2n15		n.a.
S 2	2 28	5n34	4 49	1 14	0 30	22 41	5 6	21 31	1 18	22 10	0 33	19 6	1 48	7 53	0 29	13 51	1 7	28 5	4 47	22 18	22 25	2 12		n.a.
M 3	2 52	11 47	5 1	0 27	0 9	22 55	5 9	21 41	1 18	22 9	0 33	19 6	1 48	7 54	0 29	13 50	1 7	28 5	4 47	22 20	22 26	2 9		n.a.
T 4	3 16	17 12	4 52	0n15	0n11	23 9	5 12	21 51	1 19	22 7	0 33	19 7	1 48	7 56	0 29	13 50	1 7	28 5	4 48	22 21	22 26	2 6		n.a.
W 5	3 40	21 28	4 24	0 54	0 30	23 21	5 14	22 0	1 19	22 6	0 33	19 7	1 47	7 57	0 29	13 49	1 7	28 5	4 48	22 23	22 27	2 3		n.a.
T 6	4 4	24 19	3 41	1 27	0 48	23 34	5 17	22 10	1 19	22 5	0 33	19 7	1 47	7 59	0 29	13 48	1 7	28 6	4 48	22 24	22 27	2 0		n.a.
F 7	4 28	25 37	2 46	1 54	1 4	23 45	5 19	22 19	1 19	22 4	0 34	19 7	1 47	8 0	0 29	13 48	1 7	28 6	4 48	22 24	22 28	1 57		n.a.
S 8	4 52	25 26	1 45	2 15	1 18	23 56	5 20	22 28	1 19	22 3	0 34	19 8	1 47	8 1	0 29	13 47	1 7	28 6	4 48	22 25	22 28	1 54		n.a.
S 9	5 15	23 54	0 40	2 30	1 31	24 6	5 22	22 37	1 20	22 2	0 34	19 8	1 47	8 3	0 29	13 47	1 8	28 6	4 49	22 25	22 28	1 50		n.a.
M10	5 39	21 15	0s25	2 38	1 43	24 16	5 23	22 45	1 20	22 1	0 34	19 8	1 47	8 4	0 29	13 46	1 8	28 6	4 49	22 25	22 29	1 47		n.a.
T 11	6 3	17 43	1 28	2 41	1 52	24 25	5 24	22 53	1 20	22 0	0 34	19 8	1 47	8 6	0 29	13 46	1 8	28 7	4 49	22 25	22 29	1 44		n.a.
W12	6 26	13 31	2 26	2 38	2 0	24 33	5 25	23 2	1 20	22 0	0 35	19 8	1 47	8 7	0 29	13 45	1 8	28 7	4 49	22 25	22 30	1 41		n.a.
T 13	6 50	8 51	3 17	2 30	2 6	24 40	5 25	23 9	1 20	21 59	0 35	19 8	1 47	8 8	0 29	13 45	1 8	28 7	4 50	22 26	22 30	1 38		n.a.
F 14	7 13	3 53	3 59	2 17	2 10	24 47	5 25	23 17	1 20	21 58	0 35	19 8	1 47	8 10	0 29	13 44	1 8	28 7	4 50	22 27	22 31	1 35		n.a.
S 15	7 36	1s14	4 31	2 0	2 14	24 52	5 25	23 24	1 20	21 57	0 35	19 8	1 46	8 11	0 29	13 44	1 8	28 7	4 50	22 28	22 31	1 32		n.a.
S 16	7 59	6 19	4 52	1 39	2 16	24 57	5 25	23 31	1 21	21 56	0 35	19 8	1 46	8 13	0 29	13 43	1 8	28 8	4 50	22 30	22 31	1 29		n.a.
M17	8 22	11 14	4 59	1 15	2 17	25 1	5 24	23 38	1 21	21 55	0 36	19 8	1 46	8 14	0 29	13 43	1 8	28 8	4 50	22 32	22 32	1 26		n.a.
T 18	8 45	15 45	4 53	0 48	2 17	25 5	5 22	23 45	1 21	21 55	0 36	19 8	1 46	8 15	0 29	13 42	1 8	28 8	4 51	22 34	22 32	1 23		n.a.
W19	9 8	19 41	4 34	0 19	2 16	25 7	5 21	23 51	1 21	21 54	0 36	19 8	1 46	8 17	0 29	13 42	1 8	28 8	4 51	22 36	22 33	1 20		n.a.
T 20	9 31	22 46	4 1	0s13	2 14	25 8	5 19	23 57	1 21	21 53	0 36	19 8	1 46	8 18	0 29	13 41	1 8	28 8	4 51	22 37	22 33	1 17		n.a.
F 21	9 53	24 48	3 16	0 46	2 12	25 9	5 16	24 3	1 21	21 53	0 37	19 8	1 46	8 20	0 29	13 41	1 8	28 9	4 51	22 38	22 33	1 14		n.a.
S 22	10 15	25 34	2 20	1 21	2 8	25 8	5 13	24 9	1 21	21 52	0 37	19 8	1 46	8 21	0 29	13 41	1 8	28 9	4 51	22 39	22 34	1 11		n.a.
S 23	10 38	24 57	1 16	1 58	2 5	25 7	5 10	24 14	1 21	21 51	0 37	19 7	1 45	8 23	0 29	13 40	1 8	28 9	4 52	22 39	22 34	1 8		n.a.
M24	11 0	22 54	0 6	2 35	2 1	25 4	5 6	24 19	1 21	21 51	0 37	19 7	1 45	8 24	0 29	13 40	1 8	28 9	4 52	22 39	22 35	1 5		n.a.
T 25	11 21	19 32	1n 5	3 13	1 56	25 1	5 1	24 24	1 21	21 50	0 37	19 7	1 45	8 25	0 29	13 39	1 8	28 10	4 52	22 39	22 35	1 2		n.a.
W26	11 43	15 0	2 14	3 52	1 51	24 56	4 56	24 28	1 21	21 50	0 38	19 7	1 45	8 27	0 29	13 39	1 8	28 10	4 52	22 39	22 36	0 59		n.a.
T 27	12 4	9 33	3 17	4 32	1 46	24 51	4 51	24 32	1 21	21 49	0 38	19 6	1 45	8 28	0 29	13 39	1 8	28 10	4 52	22 40	22 36	0 56		n.a.
F 28	12 26	3 29	4 8	5 12	1 40	24 44	4 45	24 36	1 21	21 49	0 38	19 6	1 45	8 30	0 29	13 38	1 8	28 10	4 53	22 40	22 36	0 53		n.a.
S 29	12 47	2n52	4 44	5 52	1 34	24 36	4 38	24 40	1 21	21 48	0 38	19 5	1 45	8 31	0 29	13 38	1 8	28 10	4 53	22 41	22 37	0 50		n.a.
S 30	13 8	9 6	5 0	6 32	1 28	24 27	4 31	24 44	1 21	21 48	0 39	19 5	1 45	8 32	0 29	13 37	1 8	28 11	4 53	22 42	22 37	0 47		n.a.
M31	13s28	14n49	4n57	7s13	1n22	24s17	4s23	24s47	1s21	21n48	0n39	19s 4	1s45	8s34	0n29	13n37	1n 8	28n11	4n53	22s44	22s38	0n44		n.a.

Julian Day Number = 1707451.5, Delta T = 03h02m27s
Ecliptic obliquity = 23°42'02, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°35'28, Lahiri = - 4°28'27 Julian Calendar 1 Oct. 39 BCE == Greg. Calendar 29 Sept. 039 BCE

The year -38 astronomical counting style corresponds to year 039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 39 BCE
geocentric

NOVEMBER 39 BCE (-38) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 29 54	6♏26'02	10♉58	23♎ 3	28°R 8	22♐19	26♋ 8	11♒56	23♎ 0	27♌18	10°R 6	15°R49	16♑48	17♍55	n.a.	T 1
W 2	2 33 51	7°26'57	25°27	24°35	27♏52	23° 5	26°11	11°58	23° 4	27°19	10♋ 5	15♑39	16°44	18° 2	n.a.	W 2
T 3	2 37 47	8°27'54	9♊32	26° 8	27°34	23°52	26°13	11°59	23° 7	27°20	10° 5	15°32	16°41	18° 9	n.a.	T 3
F 4	2 41 44	9°28'52	23° 9	27°41	27°13	24°38	26°16	12° 1	23°11	27°21	10° 4	15°27	16°38	18°15	n.a.	F 4
S 5	2 45 40	10°29'52	6♋19	29°14	26°50	25°25	26°18	12° 3	23°15	27°22	10° 4	15°25	16°35	18°22	n.a.	S 5
S 6	2 49 37	11°30'53	19° 4	0♏47	26°25	26°11	26°19	12° 5	23°18	27°23	10° 3	15°D24	16°32	18°29	n.a.	S 6
M 7	2 53 33	12°31'54	1♌27	2°20	25°58	26°58	26°21	12° 7	23°22	27°24	10° 2	15°25	16°29	18°36	n.a.	M 7
T 8	2 57 30	13°32'58	13°35	3°53	25°29	27°44	26°22	12° 9	23°25	27°24	10° 2	15°R26	16°25	18°42	n.a.	T 8
W 9	3 1 27	14°34'02	25°31	5°27	24°58	28°31	26°24	12°11	23°29	27°25	10° 1	15°25	16°22	18°49	n.a.	W 9
T 10	3 5 23	15°35'07	7♍21	7° 0	24°26	29°18	26°25	12°14	23°32	27°26	10° 0	15°22	16°19	18°56	n.a.	T 10
F 11	3 9 20	16°36'14	19°11	8°34	23°53	0♑ 4	26°26	12°16	23°36	27°27	10° 0	15°17	16°16	19° 2	n.a.	F 11
S 12	3 13 16	17°37'21	1♎ 5	10° 7	23°19	0°51	26°26	12°19	23°40	27°27	9°59	15° 9	16°13	19° 9	n.a.	S 12
S 13	3 17 13	18°38'30	13° 5	11°41	22°43	1°38	26°27	12°21	23°43	27°28	9°58	15° 0	16° 9	19°16	n.a.	S 13
M14	3 21 9	19°39'39	25°16	13°15	22° 7	2°25	26°27	12°24	23°47	27°29	9°57	14°49	16° 6	19°23	n.a.	M14
T 15	3 25 6	20°40'49	7♏37	14°48	21°31	3°12	26°R27	12°27	23°50	27°29	9°57	14°38	16° 3	19°29	n.a.	T 15
W16	3 29 2	21°42'01	20°11	16°22	20°55	3°58	26°27	12°30	23°53	27°30	9°56	14°28	16° 0	19°36	n.a.	W16
T 17	3 32 59	22°43'12	2♐57	17°56	20°18	4°45	26°27	12°33	23°57	27°30	9°55	14°19	15°57	19°43	n.a.	T 17
F 18	3 36 56	23°44'25	15°55	19°30	19°43	5°32	26°26	12°36	24° 0	27°31	9°54	14°13	15°54	19°49	n.a.	F 18
S 19	3 40 52	24°45'38	29° 3	21° 4	19° 7	6°19	26°25	12°39	24° 4	27°31	9°53	14°10	15°50	19°56	n.a.	S 19
S 20	3 44 49	25°46'51	12♑23	22°39	18°33	7° 6	26°24	12°42	24° 7	27°32	9°52	14°D 9	15°47	20° 3	n.a.	S 20
M21	3 48 45	26°48'04	25°53	24°13	18° 0	7°53	26°23	12°46	24°10	27°32	9°51	14° 9	15°44	20°10	n.a.	M21
T 22	3 52 42	27°49'18	9♒35	25°48	17°28	8°40	26°22	12°49	24°14	27°33	9°50	14°10	15°41	20°16	n.a.	T 22
W23	3 56 38	28°50'31	23°28	27°22	16°57	9°27	26°20	12°53	24°17	27°33	9°49	14°R11	15°38	20°23	n.a.	W23
T 24	4 0 35	29°51'45	7♓33	28°57	16°28	10°13	26°19	12°56	24°20	27°33	9°48	14°11	15°35	20°30	n.a.	T 24
F 25	4 4 31	0♐52'59	21°48	0♐33	16° 1	11° 0	26°17	13° 0	24°23	27°33	9°47	14° 9	15°31	20°36	n.a.	F 25
S 26	4 8 28	1°54'12	6♈11	2° 8	15°36	11°47	26°15	13° 4	24°26	27°34	9°46	14° 5	15°28	20°43	n.a.	S 26
S 27	4 12 25	2°55'26	20°38	3°44	15°14	12°34	26°12	13° 8	24°30	27°34	9°45	14° 0	15°25	20°50	n.a.	S 27
M28	4 16 21	3°56'39	5♉ 5	5°20	14°53	13°21	26°10	13°12	24°33	27°34	9°44	13°53	15°22	20°56	n.a.	M28
T 29	4 20 18	4°57'53	19°26	6°56	14°35	14° 8	26° 7	13°16	24°36	27°34	9°43	13°47	15°19	21° 3	n.a.	T 29
W30	4 24 14	5♐59'07	3♊33	8♐32	14♏19	14♑55	26♋ 5	13♒20	24♎39	27♌34	9♋42	13♑41	15♑15	21♍10	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s49	19n36	4n33	7s53	1n15	24s 6	4s15	24s50	1s21	21n47	0n39	19s 4	1s44	8s35	0n29	13n37	1n 8	28n11	4n53	22s45	22s38	0n41		n.a.
W 2	14 9	23 6	3 53	8 34	1 9	23 53	4 6	24 52	1 21	21 47	0 39	19 3	1 44	8 36	0 29	13 36	1 9	28 11	4 53	22 46	22 38	0 38		n.a.
T 3	14 29	25 4	2 58	9 14	1 2	23 39	3 56	24 54	1 21	21 47	0 39	19 3	1 44	8 38	0 29	13 36	1 9	28 12	4 54	22 47	22 39	0 35		n.a.
F 4	14 48	25 27	1 56	9 54	0 56	23 24	3 46	24 56	1 21	21 47	0 40	19 2	1 44	8 39	0 29	13 36	1 9	28 12	4 54	22 48	22 39	0 32		n.a.
S 5	15 8	24 21	0 48	10 34	0 49	23 8	3 35	24 58	1 21	21 47	0 40	19 2	1 44	8 41	0 29	13 36	1 9	28 12	4 54	22 48	22 40	0 29		n.a.
S 6	15 27	22 0	0s20	11 13	0 42	22 51	3 23	25 0	1 21	21 46	0 40	19 1	1 44	8 42	0 29	13 35	1 9	28 12	4 54	22 48	22 40	0 26		n.a.
M 7	15 46	18 41	1 25	11 52	0 35	22 33	3 11	25 1	1 21	21 46	0 40	19 0	1 44	8 43	0 29	13 35	1 9	28 12	4 54	22 48	22 40	0 23		n.a.
T 8	16 5	14 37	2 24	12 31	0 28	22 14	2 59	25 2	1 21	21 46	0 41	19 0	1 44	8 45	0 29	13 35	1 9	28 13	4 55	22 48	22 41	0 20		n.a.
W 9	16 23	10 4	3 17	13 9	0 21	21 54	2 46	25 2	1 21	21 46	0 41	18 59	1 43	8 46	0 29	13 35	1 9	28 13	4 55	22 48	22 41	0 17		n.a.
T 10	16 41	5 11	4 1	13 46	0 15	21 32	2 32	25 2	1 21	21 46	0 41	18 58	1 43	8 47	0 29	13 34	1 9	28 13	4 55	22 48	22 41	0 14		n.a.
F 11	16 59	0 8	4 34	14 23	0 8	21 10	2 18	25 2	1 20	21 46	0 41	18 57	1 43	8 49	0 29	13 34	1 9	28 13	4 55	22 49	22 42	0 11		n.a.
S 12	17 16	4s57	4 56	15 0	0 1	20 48	2 3	25 2	1 20	21 47	0 42	18 56	1 43	8 50	0 29	13 34	1 9	28 14	4 55	22 50	22 42	0 8		n.a.
S 13	17 34	9 53	5 4	15 36	0s 6	20 24	1 49	25 2	1 20	21 47	0 42	18 56	1 43	8 51	0 29	13 34	1 9	28 14	4 56	22 51	22 43	0 5		n.a.
M14	17 50	14 31	5 0	16 11	0 12	20 0	1 34	25 1	1 20	21 47	0 42	18 55	1 43	8 52	0 29	13 34	1 9	28 14	4 56	22 52	22 43	0 2		n.a.
T 15	18 7	18 37	4 41	16 45	0 19	19 36	1 18	25 0	1 20	21 47	0 42	18 54	1 43	8 54	0 29	13 33	1 9	28 14	4 56	22 53	22 43	0s 1		n.a.
W16	18 23	21 58	4 8	17 19	0 25	19 11	1 3	24 58	1 20	21 47	0 43	18 53	1 43	8 55	0 29	13 33	1 9	28 15	4 56	22 54	22 44	0 4		n.a.
T 17	18 39	24 17	3 23	17 52	0 32	18 46	0 47	24 56	1 20	21 48	0 43	18 52	1 43	8 56	0 29	13 33	1 9	28 15	4 56	22 55	22 44	0 7		n.a.
F 18	18 55	25 22	2 26	18 24	0 38	18 22	0 31	24 54	1 19	21 48	0 43	18 51	1 42	8 57	0 29	13 33	1 9	28 15	4 56	22 56	22 45	0 10		n.a.
S 19	19 10	25 2	1 20	18 56	0 44	17 57	0 16	24 52	1 19	21 48	0 43	18 50	1 42	8 59	0 29	13 33	1 9	28 15	4 57	22 56	22 45	0 13		n.a.
S 20	19 25	23 16	0 9	19 27	0 50	17 32	0 0	24 49	1 19	21 49	0 44	18 49	1 42	9 0	0 29	13 33	1 9	28 16	4 57	22 56	22 45	0 16		n.a.
M21	19 39	20 10	1n 3	19 56	0 56	17 8	0n15	24 47	1 19	21 49	0 44	18 48	1 42	9 1	0 29	13 33	1 9	28 16	4 57	22 56	22 46	0 19		n.a.
T 22	19 53	15 55	2 13	20 25	1 2	16 45	0 30	24 43	1 19	21 50	0 44	18 47	1 42	9 2	0 29	13 33	1 9	28 16	4 57	22 56	22 46	0 22		n.a.
W23	20 7	10 45	3 16	20 53	1 7	16 22	0 45	24 40	1 18	21 50	0 44	18 45	1 42	9 4	0 29	13 33	1 10	28 16	4 57	22 56	22 46	0 25		n.a.
T 24	20 20	4 59	4 8	21 20	1 13	16 0	1 0	24 36	1 18	21 51	0 45	18 44	1 42	9 5	0 29	13 32	1 10	28 17	4 57	22 56	22 47	0 28		n.a.
F 25	20 33	1n 5	4 46	21 45	1 18	15 38	1 14	24 32	1 18	21 51	0 45	18 43	1 42	9 6	0 29	13 32	1 10	28 17	4 58	22 56	22 47	0 31		n.a.
S 26	20 46	7 9	5 6	22 10	1 23	15 18	1 28	24 28	1 18	21 52	0 45	18 42	1 42	9 7	0 29	13 32	1 10	28 17	4 58	22 57	22 48	0 34		n.a.
S 27	20 58	12 52	5 7	22 34	1 28	14 58	1 41	24 23	1 18	21 53	0 45	18 41	1 41	9 8	0 29	13 32	1 10	28 17	4 58	22 57	22 48	0 37		n.a.
M28	21 10	17 53	4 49	22 56	1 33	14 40	1 54	24 18	1 17	21 53	0 46	18 39	1 41	9 9	0 29	13 32	1 10	28 17	4 58	22 58	22 48	0 40		n.a.
T 29	21 21	21 49	4 12	23 18	1 37	14 23	2 6	24 13	1 17	21 54	0 46	18 38	1 41	9 11	0 29	13 32	1 10	28 18	4 58	22 59	22 49	0 43		n.a.
W30	21s32	24n22	3n20	23s38	1s41	14s 7	2n18	24s 8	1s17	21n55	0n46	18s37	1s41	9s12	0n29	13n32	1n10	28n18	4n58	22s59	22s49	0s46		n.a.

Julian Day Number = 1707482.5, Delta T = 03h02m26s
Ecliptic obliquity = 23°42'01, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°35'23, Lahiri = - 4°28'23 Julian Calendar 1 Nov. 39 BCE == Greg. Calendar 30 Oct. 039 BCE

The year -38 astronomical counting style corresponds to year 039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 39 BCE
geocentric

DECEMBER 39 BCE (-38) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 28 11	7♐ 0'21	17♊23	10♐ 9	14°R 6	15♉42	26°R 1	13♒25	24♎42	27♏34	9°R41	13°R37	15♉12	21♍17	n.a.	T 1
F 2	4 32 7	8° 1'35	0♋53	11°46	13♏55	16°29	25♋58	13°29	24°45	27°R34	9♋40	13♉34	15° 9	21°23	n.a.	F 2
S 3	4 36 4	9° 2'49	14° 0	13°23	13°47	17°16	25°55	13°34	24°48	27°34	9°39	13°D33	15° 6	21°30	n.a.	S 3
S 4	4 40 1	10° 4'03	26°45	15° 1	13°41	18° 3	25°51	13°38	24°51	27°34	9°38	13°34	15° 3	21°37	n.a.	S 4
M 5	4 43 57	11° 5'17	9♌12	16°39	13°37	18°50	25°47	13°43	24°54	27°34	9°37	13°36	15° 0	21°43	n.a.	M 5
T 6	4 47 54	12° 6'32	21°22	18°17	13°D37	19°37	25°43	13°47	24°56	27°34	9°35	13°37	14°56	21°50	n.a.	T 6
W 7	4 51 50	13° 7'46	3♍22	19°56	13°38	20°24	25°39	13°52	24°59	27°34	9°34	13°39	14°53	21°57	n.a.	W 7
T 8	4 55 47	14° 9'01	15°15	21°34	13°42	21°11	25°35	13°57	25° 2	27°34	9°33	13°R39	14°50	22° 4	n.a.	T 8
F 9	4 59 43	15°10'15	27° 6	23°14	13°49	21°58	25°31	14° 2	25° 5	27°34	9°32	13°39	14°47	22°10	n.a.	F 9
S 10	5 3 40	16°11'30	9♎ 1	24°53	13°57	22°45	25°26	14° 7	25° 7	27°33	9°30	13°36	14°44	22°17	n.a.	S 10
S 11	5 7 36	17°12'44	21° 4	26°32	14° 8	23°32	25°21	14°12	25°10	27°33	9°29	13°33	14°41	22°24	n.a.	S 11
M12	5 11 33	18°13'59	3♏18	28°12	14°22	24°19	25°16	14°17	25°13	27°33	9°28	13°29	14°37	22°30	n.a.	M12
T 13	5 15 30	19°15'13	15°47	29°51	14°37	25° 6	25°11	14°22	25°15	27°32	9°27	13°25	14°34	22°37	n.a.	T 13
W14	5 19 26	20°16'27	28°32	1♑31	14°54	25°53	25° 6	14°28	25°18	27°32	9°25	13°21	14°31	22°44	n.a.	W14
T 15	5 23 23	21°17'41	11♐35	3°11	15°14	26°40	25° 0	14°33	25°20	27°31	9°24	13°18	14°28	22°51	n.a.	T 15
F 16	5 27 19	22°18'54	24°54	4°50	15°35	27°27	24°55	14°39	25°23	27°31	9°23	13°16	14°25	22°57	n.a.	F 16
S 17	5 31 16	23°20'07	8♑28	6°29	15°58	28°14	24°49	14°44	25°25	27°31	9°22	13°D15	14°21	23° 4	n.a.	S 17
S 18	5 35 12	24°21'19	22°14	8° 7	16°23	29° 0	24°43	14°50	25°28	27°30	9°20	13°15	14°18	23°11	n.a.	S 18
M19	5 39 9	25°22'30	6♒11	9°45	16°50	29°47	24°37	14°55	25°30	27°29	9°19	13°16	14°15	23°17	n.a.	M19
T 20	5 43 5	26°23'40	20°15	11°21	17°18	0♒34	24°31	15° 1	25°32	27°29	9°18	13°17	14°12	23°24	n.a.	T 20
W21	5 47 2	27°24'49	4♓24	12°57	17°48	1°21	24°24	15° 7	25°35	27°28	9°16	13°18	14° 9	23°31	n.a.	W21
T 22	5 50 59	28°25'58	18°34	14°30	18°20	2° 8	24°18	15°13	25°37	27°28	9°15	13°19	14° 6	23°38	n.a.	T 22
F 23	5 54 55	29°27'05	2♈46	16° 2	18°53	2°55	24°11	15°19	25°39	27°27	9°14	13°R19	14° 2	23°44	n.a.	F 23
S 24	5 58 52	0♉28'11	16°55	17°31	19°27	3°42	24° 5	15°25	25°41	27°26	9°12	13°19	13°59	23°51	n.a.	S 24
S 25	6 2 48	1°29'16	1♉ 0	18°57	20° 3	4°28	23°58	15°31	25°43	27°25	9°11	13°18	13°56	23°58	n.a.	S 25
M26	6 6 45	2°30'19	14°58	20°20	20°40	5°15	23°51	15°37	25°45	27°25	9° 9	13°16	13°53	24° 4	n.a.	M26
T 27	6 10 41	3°31'22	28°48	21°39	21°19	6° 2	23°44	15°43	25°47	27°24	9° 8	13°15	13°50	24°11	n.a.	T 27
W28	6 14 38	4°32'24	12♊26	22°52	21°59	6°49	23°37	15°49	25°49	27°23	9° 7	13°14	13°47	24°18	n.a.	W28
T 29	6 18 35	5°33'24	25°52	24° 0	22°39	7°35	23°30	15°55	25°51	27°22	9° 5	13°13	13°43	24°25	n.a.	T 29
F 30	6 22 31	6°34'23	9♋ 1	25° 2	23°22	8°22	23°22	16° 2	25°53	27°21	9° 4	13°D13	13°40	24°31	n.a.	F 30
S 31	6 26 28	7♉35'22	21♋55	25♉57	24♏ 5	9♒ 9	23♋15	16♒ 8	25♎55	27♏20	9♋ 3	13♉13	13♉37	24♍38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21 s43	25n23	2n18	23 s57	1 s45	13 s52	2n30	24 s 2	1 s17	21n56	0n46	18 s35	1 s41	9 s13	0n29	13n32	1n10	28n18	4n58	23 s 0	22 s49	0 s49			n.a.
F 2	21 53	24 50	1 9	24 14	1 49	13 38	2 40	23 56	1 16	21 57	0 46	18 34	1 41	9 14	0 29	13 32	1 10	28 18	4 59	23 0	22 50	0 52			n.a.
S 3	22 3	22 55	0 s 2	24 30	1 52	13 26	2 51	23 50	1 16	21 58	0 47	18 33	1 41	9 15	0 29	13 32	1 10	28 19	4 59	23 0	22 50	0 55			n.a.
S 4	22 12	19 52	1 12	24 45	1 55	13 15	3 0	23 43	1 16	21 58	0 47	18 31	1 41	9 16	0 29	13 33	1 10	28 19	4 59	23 0	22 50	0 58			n.a.
M 5	22 21	15 58	2 16	24 58	1 58	13 5	3 10	23 36	1 15	21 59	0 47	18 30	1 41	9 17	0 29	13 33	1 10	28 19	4 59	23 0	22 51	1 1			n.a.
T 6	22 29	11 30	3 12	25 10	2 0	12 57	3 18	23 29	1 15	22 0	0 47	18 28	1 41	9 18	0 29	13 33	1 10	28 19	4 59	23 0	22 51	1 4			n.a.
W 7	22 37	6 40	3 59	25 20	2 2	12 49	3 26	23 22	1 15	22 1	0 48	18 27	1 41	9 19	0 29	13 33	1 10	28 20	4 59	23 0	22 52	1 7			n.a.
T 8	22 45	1 39	4 36	25 29	2 4	12 43	3 34	23 14	1 14	22 2	0 48	18 25	1 40	9 20	0 29	13 33	1 10	28 20	4 59	22 59	22 52	1 10			n.a.
F 9	22 52	3 s25	5 0	25 36	2 5	12 38	3 41	23 6	1 14	22 4	0 48	18 24	1 40	9 21	0 29	13 33	1 10	28 20	5 0	23 0	22 52	1 13			n.a.
S 10	22 59	8 23	5 12	25 42	2 6	12 35	3 48	22 58	1 14	22 5	0 48	18 22	1 40	9 22	0 29	13 33	1 10	28 20	5 0	23 0	22 53	1 16			n.a.
S 11	23 5	13 5	5 11	25 45	2 6	12 32	3 54	22 50	1 13	22 6	0 49	18 21	1 40	9 23	0 29	13 33	1 10	28 20	5 0	23 0	22 53	1 19			n.a.
M12	23 10	17 22	4 55	25 47	2 6	12 30	4 0	22 41	1 13	22 7	0 49	18 19	1 40	9 24	0 29	13 33	1 10	28 21	5 0	23 1	22 53	1 22			n.a.
T 13	23 16	20 58	4 25	25 47	2 5	12 30	4 5	22 32	1 13	22 8	0 49	18 17	1 40	9 25	0 29	13 34	1 11	28 21	5 0	23 1	22 54	1 25			n.a.
W14	23 20	23 39	3 42	25 46	2 4	12 30	4 10	22 23	1 12	22 9	0 49	18 16	1 40	9 26	0 30	13 34	1 11	28 21	5 0	23 1	22 54	1 28			n.a.
T 15	23 25	25 9	2 46	25 42	2 3	12 32	4 14	22 14	1 12	22 10	0 49	18 14	1 40	9 27	0 30	13 34	1 11	28 21	5 0	23 2	22 54	1 31			n.a.
F 16	23 28	25 15	1 39	25 37	2 0	12 34	4 18	22 4	1 12	22 12	0 50	18 12	1 40	9 28	0 30	13 34	1 11	28 22	5 0	23 2	22 55	1 34			n.a.
S 17	23 32	23 52	0 26	25 30	1 57	12 37	4 22	21 54	1 11	22 13	0 50	18 11	1 40	9 29	0 30	13 34	1 11	28 22	5 1	23 2	22 55	1 37			n.a.
S 18	23 35	21 2	0n49	25 20	1 54	12 41	4 25	21 44	1 11	22 14	0 50	18 9	1 40	9 30	0 30	13 35	1 11	28 22	5 1	23 2	22 55	1 40			n.a.
M19	23 37	16 56	2 3	25 10	1 50	12 46	4 28	21 34	1 10	22 16	0 50	18 7	1 40	9 30	0 30	13 35	1 11	28 22	5 1	23 2	22 56	1 43			n.a.
T 20	23 39	11 53	3 10	24 57	1 45	12 52	4 30	21 23	1 10	22 17	0 51	18 5	1 40	9 31	0 30	13 35	1 11	28 22	5 1	23 2	22 56	1 46			n.a.
W21	23 40	6 11	4 6	24 42	1 39	12 58	4 32	21 12	1 10	22 18	0 51	18 4	1 39	9 32	0 30	13 35	1 11	28 23	5 1	23 2	22 56	1 49			n.a.
T 22	23 41	0 10	4 47	24 26	1 32	13 5	4 34	21 1	1 9	22 20	0 51	18 2	1 39	9 33	0 30	13 36	1 11	28 23	5 1	23 2	22 57	1 52			n.a.
F 23	23 42	5n51	5 11	24 8	1 25	13 13	4 35	20 50	1 9	22 21	0 51	18 0	1 39	9 34	0 30	13 36	1 11	28 23	5 1	23 2	22 57	1 55			n.a.
S 24	23 42	11 34	5 16	23 48	1 16	13 21	4 37	20 39	1 8	22 22	0 51	17 58	1 39	9 34	0 30	13 36	1 11	28 23	5 1	23 2	22 57	1 58			n.a.
S 25	23 41	16 38	5 1	23 27	1 7	13 30	4 37	20 27	1 8	22 24	0 52	17 56	1 39	9 35	0 30	13 37	1 11	28 23	5 1	23 2	22 58	2 1			n.a.
M26	23 41	20 47	4 29	23 5	0 57	13 39	4 38	20 15	1 8	22 25	0 52	17 54	1 39	9 36	0 30	13 37	1 11	28 24	5 2	23 2	22 58	2 4			n.a.
T 27	23 39	23 43	3 42	22 41	0 46	13 49	4 38	20 3	1 7	22 27	0 52	17 53	1 39	9 37	0 30	13 37	1 11	28 24	5 2	23 2	22 58	2 7			n.a.
W28	23 37	25 13	2 42	22 17	0 34	13 59	4 38	19 51	1 7	22 28	0 52	17 51	1 39	9 37	0 30	13 38	1 11	28 24	5 2	23 2	22 59	2 10			n.a.
T 29	23 35	25 13	1 35	21 53	0 20	14 9	4 38	19 38	1 6	22 29	0 52	17 49	1 39	9 38	0 30	13 38	1 11	28 24	5 2	23 2	22 59	2 12			n.a.
F 30	23 32	23 46	0 23	21 28	0 6	14 20	4 38	19 26	1 6	22 31	0 53	17 47	1 39	9 39	0 30	13 38	1 11	28 24	5 2	23 2	22 59	2 15			n.a.
S 31	23 s29	21n 6	0 s48	21 s 3	0n 9	14 s31	4n37	19 s13	1 s 5	22n32	0n53	17 s45	1 s39	9 s39	0n30	13n39	1n11	28n24	5n 2	23 s 2	23 s 0	2 s18			n.a.

Julian Day Number = 1707512.5, Delta T = 03h02m25s
Ecliptic obliquity = 23°42'01, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°35'19, Lahiri = - 4°28'19 Julian Calendar 1 Dec. 39 BCE == Greg. Calendar 29 Nov. 039 BCE

The year -38 astronomical counting style corresponds to year 039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 38 BCE
geocentric

JANUARY 38 BCE (-37) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 30 24	8♑36'19	4♌33	26♑44	24♏49	9♒55	23°R 8	16♒14	25♎56	27°R20	9°R 1	13♑13	13♑34	24♍45	n.a.	S 1
M 2	6 34 21	9°37'15	16°57	27°21	25°34	10°42	23♋ 0	16°21	25°58	27♌19	9♋ 0	13°14	13°31	24°52	n.a.	M 2
T 3	6 38 17	10°38'10	29° 7	27°50	26°20	11°29	22°53	16°27	26° 0	27°18	8°58	13°14	13°27	24°58	n.a.	T 3
W 4	6 42 14	11°39'04	11♍ 7	28° 8	27° 7	12°15	22°45	16°34	26° 1	27°17	8°57	13°14	13°24	25° 5	n.a.	W 4
T 5	6 46 10	12°39'58	23° 1	28°R15	27°55	13° 2	22°37	16°40	26° 3	27°15	8°56	13°14	13°21	25°12	n.a.	T 5
F 6	6 50 7	13°40'50	4♎53	28°11	28°44	13°48	22°29	16°47	26° 4	27°14	8°54	13°R14	13°18	25°18	n.a.	F 6
S 7	6 54 4	14°41'41	16°48	27°56	29°33	14°35	22°22	16°54	26° 6	27°13	8°53	13°D14	13°15	25°25	n.a.	S 7
S 8	6 58 0	15°42'31	28°50	27°31	0♐24	15°21	22°14	17° 0	26° 7	27°12	8°52	13°14	13°12	25°32	n.a.	S 8
M 9	7 1 57	16°43'20	11♏ 4	26°55	1°15	16° 8	22° 6	17° 7	26° 8	27°11	8°50	13°15	13° 8	25°39	n.a.	M 9
T 10	7 5 53	17°44'08	23°33	26° 9	2° 7	16°54	21°58	17°14	26°10	27°10	8°49	13°15	13° 5	25°45	n.a.	T 10
W11	7 9 50	18°44'54	6♐22	25°15	3° 0	17°41	21°50	17°21	26°11	27° 9	8°47	13°16	13° 2	25°52	n.a.	W11
T 12	7 13 46	19°45'40	19°33	24°15	3°53	18°27	21°42	17°28	26°12	27° 7	8°46	13°16	12°59	25°59	n.a.	T 12
F 13	7 17 43	20°46'24	3♑ 6	23° 9	4°47	19°13	21°34	17°35	26°13	27° 6	8°45	13°17	12°56	26° 5	n.a.	F 13
S 14	7 21 39	21°47'07	17° 1	22° 0	5°41	20° 0	21°26	17°42	26°14	27° 5	8°43	13°R17	12°53	26°12	n.a.	S 14
S 15	7 25 36	22°47'48	1♒13	20°50	6°36	20°46	21°18	17°49	26°15	27° 4	8°42	13°16	12°49	26°19	n.a.	S 15
M16	7 29 33	23°48'28	15°40	19°40	7°32	21°32	21°10	17°56	26°16	27° 2	8°41	13°15	12°46	26°26	n.a.	M16
T 17	7 33 29	24°49'06	0♓13	18°33	8°28	22°18	21° 2	18° 3	26°17	27° 1	8°39	13°14	12°43	26°32	n.a.	T 17
W18	7 37 26	25°49'42	14°49	17°30	9°25	23° 5	20°54	18°10	26°18	27° 0	8°38	13°13	12°40	26°39	n.a.	W18
T 19	7 41 22	26°50'16	29°20	16°31	10°22	23°51	20°47	18°17	26°19	26°58	8°37	13°11	12°37	26°46	n.a.	T 19
F 20	7 45 19	27°50'48	13♈42	15°39	11°20	24°37	20°39	18°24	26°19	26°57	8°36	13°10	12°33	26°52	n.a.	F 20
S 21	7 49 15	28°51'18	27°51	14°54	12°18	25°23	20°31	18°31	26°20	26°55	8°34	13°D10	12°30	26°59	n.a.	S 21
S 22	7 53 12	29°51'46	11♉47	14°16	13°16	26° 9	20°23	18°38	26°21	26°54	8°33	13°10	12°27	27° 6	n.a.	S 22
M23	7 57 8	0♒52'12	25°28	13°45	14°15	26°55	20°15	18°46	26°21	26°53	8°32	13°11	12°24	27°13	n.a.	M23
T 24	8 1 5	1°52'37	8♊54	13°22	15°15	27°41	20° 8	18°53	26°22	26°51	8°30	13°12	12°21	27°19	n.a.	T 24
W25	8 5 2	2°52'59	22° 7	13° 7	16°15	28°27	20° 0	19° 0	26°22	26°50	8°29	13°14	12°18	27°26	n.a.	W25
T 26	8 8 58	3°53'19	5♋ 6	12°58	17°15	29°13	19°53	19° 7	26°22	26°48	8°28	13°15	12°14	27°33	n.a.	T 26
F 27	8 12 55	4°53'37	17°53	12°D57	18°15	29°58	19°45	19°15	26°23	26°47	8°27	13°R15	12°11	27°39	n.a.	F 27
S 28	8 16 51	5°53'54	0♌28	13° 2	19°16	0♓44	19°38	19°22	26°23	26°45	8°26	13°14	12° 8	27°46	n.a.	S 28
S 29	8 20 48	6°54'08	12°52	13°13	20°18	1°30	19°30	19°29	26°23	26°44	8°24	13°11	12° 5	27°53	n.a.	S 29
M30	8 24 44	7°54'21	25° 7	13°31	21°19	2°16	19°23	19°37	26°24	26°42	8°23	13° 8	12° 2	28° 0	n.a.	M30
T 31	8 28 41	8♒54'31	7♍12	13♑53	22♐21	3♓ 1	19♋16	19♒44	26♎24	26♌41	8♋22	13♑ 4	11♑59	28♍ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23s25	17n28	1s56	20s38	0n24	14s43	4n36	19s 0	1s 5	22n34	0n53	17s43	1s39	9s40	0n30	13n39	1n11	28n25	5n 2	23s 2	23s 0	2s21			n.a.
M 2	23 21	13 8	2 56	20 15	0 41	14 55	4 35	18 46	1 4	22 35	0 53	17 41	1 39	9 40	0 30	13 39	1 11	28 25	5 2	23 2	23 0	2 24			n.a.
T 3	23 16	8 21	3 48	19 53	0 58	15 7	4 34	18 33	1 4	22 37	0 53	17 39	1 39	9 41	0 30	13 40	1 11	28 25	5 2	23 2	23 1	2 27			n.a.
W 4	23 11	3 20	4 29	19 32	1 16	15 19	4 32	18 19	1 4	22 38	0 53	17 37	1 39	9 42	0 30	13 40	1 12	28 25	5 2	23 2	23 1	2 30			n.a.
T 5	23 5	1s45	4 58	19 13	1 33	15 31	4 30	18 6	1 3	22 40	0 54	17 35	1 39	9 42	0 30	13 40	1 12	28 25	5 2	23 2	23 1	2 33			n.a.
F 6	22 59	6 45	5 14	18 56	1 51	15 44	4 28	17 52	1 3	22 41	0 54	17 33	1 39	9 43	0 30	13 41	1 12	28 25	5 2	23 2	23 2	2 36			n.a.
S 7	22 53	11 32	5 17	18 42	2 9	15 56	4 26	17 37	1 2	22 42	0 54	17 31	1 39	9 43	0 30	13 41	1 12	28 26	5 2	23 2	23 2	2 39			n.a.
S 8	22 46	15 55	5 6	18 30	2 26	16 9	4 24	17 23	1 2	22 44	0 54	17 28	1 39	9 44	0 30	13 42	1 12	28 26	5 2	23 2	23 2	2 42			n.a.
M 9	22 38	19 45	4 41	18 21	2 42	16 22	4 22	17 9	1 1	22 45	0 54	17 26	1 39	9 44	0 30	13 42	1 12	28 26	5 3	23 2	23 3	2 45			n.a.
T 10	22 31	22 46	4 2	18 15	2 57	16 35	4 19	16 54	1 1	22 47	0 54	17 24	1 39	9 45	0 30	13 43	1 12	28 26	5 3	23 2	23 3	2 48			n.a.
W11	22 22	24 44	3 11	18 12	3 11	16 47	4 17	16 39	1 0	22 48	0 54	17 22	1 39	9 45	0 30	13 43	1 12	28 26	5 3	23 2	23 3	2 51			n.a.
T 12	22 14	25 24	2 8	18 11	3 22	17 0	4 14	16 24	1 0	22 50	0 55	17 20	1 39	9 45	0 30	13 44	1 12	28 26	5 3	23 2	23 4	2 54			n.a.
F 13	22 4	24 36	0 56	18 13	3 32	17 13	4 11	16 9	0 59	22 51	0 55	17 18	1 39	9 46	0 30	13 44	1 12	28 27	5 3	23 2	23 4	2 56			n.a.
S 14	21 55	22 16	0n21	18 17	3 39	17 25	4 8	15 54	0 59	22 52	0 55	17 16	1 39	9 46	0 30	13 44	1 12	28 27	5 3	23 2	23 4	2 59			n.a.
S 15	21 45	18 31	1 38	18 23	3 44	17 38	4 5	15 39	0 58	22 54	0 55	17 13	1 39	9 46	0 30	13 45	1 12	28 27	5 3	23 2	23 4	3 2			n.a.
M16	21 35	13 37	2 50	18 30	3 47	17 50	4 1	15 23	0 57	22 55	0 55	17 11	1 39	9 47	0 30	13 45	1 12	28 27	5 3	23 2	23 5	3 5			n.a.
T 17	21 24	7 54	3 52	18 39	3 47	18 2	3 58	15 7	0 57	22 56	0 55	17 9	1 39	9 47	0 30	13 46	1 12	28 27	5 3	23 2	23 5	3 8			n.a.
W18	21 13	1 46	4 38	18 49	3 45	18 14	3 54	14 52	0 56	22 58	0 55	17 7	1 39	9 47	0 30	13 46	1 12	28 27	5 3	23 2	23 5	3 11			n.a.
T 19	21 1	4n25	5 7	19 1	3 41	18 26	3 51	14 36	0 56	22 59	0 55	17 5	1 39	9 48	0 30	13 47	1 12	28 27	5 3	23 2	23 6	3 14			n.a.
F 20	20 49	10 18	5 16	19 12	3 35	18 38	3 47	14 20	0 55	23 0	0 55	17 2	1 39	9 48	0 30	13 47	1 12	28 27	5 3	23 2	23 6	3 17			n.a.
S 21	20 37	15 34	5 6	19 25	3 28	18 50	3 43	14 4	0 55	23 2	0 56	17 0	1 39	9 48	0 30	13 48	1 12	28 28	5 3	23 2	23 6	3 20			n.a.
S 22	20 24	19 56	4 38	19 37	3 19	19 1	3 39	13 47	0 54	23 3	0 56	16 58	1 39	9 48	0 30	13 48	1 12	28 28	5 3	23 2	23 7	3 23			n.a.
M23	20 11	23 7	3 54	19 50	3 10	19 12	3 35	13 31	0 54	23 4	0 56	16 55	1 39	9 49	0 30	13 49	1 12	28 28	5 3	23 2	23 7	3 26			n.a.
T 24	19 57	24 58	2 58	20 3	2 59	19 22	3 31	13 14	0 53	23 6	0 56	16 53	1 39	9 49	0 30	13 50	1 12	28 28	5 3	23 2	23 7	3 29			n.a.
W25	19 44	25 22	1 54	20 16	2 48	19 33	3 27	12 58	0 53	23 7	0 56	16 51	1 39	9 49	0 30	13 50	1 12	28 28	5 3	23 2	23 7	3 31			n.a.
T 26	19 29	24 21	0 45	20 29	2 36	19 43	3 23	12 41	0 52	23 8	0 56	16 49	1 39	9 49	0 30	13 51	1 12	28 28	5 3	23 2	23 8	3 34			n.a.
F 27	19 15	22 4	0s26	20 41	2 24	19 52	3 19	12 24	0 51	23 9	0 56	16 46	1 39	9 49	0 30	13 51	1 12	28 28	5 3	23 2	23 8	3 37			n.a.
S 28	19 0	18 45	1 33	20 53	2 11	20 2	3 14	12 7	0 51	23 10	0 56	16 44	1 39	9 49	0 30	13 52	1 12	28 28	5 3	23 2	23 8	3 40			n.a.
S 29	18 45	14 39	2 36	21 4	1 59	20 11	3 10	11 50	0 50	23 11	0 56	16 42	1 39	9 49	0 30	13 52	1 12	28 28	5 3	23 2	23 9	3 43			n.a.
M30	18 29	10 0	3 30	21 15	1 46	20 20	3 6	11 33	0 50	23 13	0 56	16 39	1 39	9 49	0 30	13 53	1 12	28 28	5 3	23 3	23 9	3 46			n.a.
T 31	18s14	5n 2	4s14	21s25	1n34	20s28	3n 1	11s16	0s49	23n14	0n56	16s37	1s39	9s49	0n30	13n53	1n12	28n28	5n 3	23s 3	23s 9	3s49			n.a.

Julian Day Number = 1707543.5, Delta T = 03h02m24s
Ecliptic obliquity = 23°42'00, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°35'15, Lahiri = - 4°28'15 Julian Calendar 1 Jan. 38 BCE == Greg. Calendar 30 Dec. 039 BCE

The year -37 astronomical counting style corresponds to year 038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 38 BCE
geocentric

FEBRUARY 38 BCE (-37) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 32 37	9♒54'40	19♍10	14♑21	23♐23	3♓47	19°R 9	19♒51	26♎24	26°R39	8°R21	12°R59	11♑55	28♍13	n.a.	W 1
T 2	8 36 34	10°54'47	1♎ 4	14°54	24°26	4°33	19♋ 2	19°59	26°R24	26♏37	8♋20	12♑54	11°52	28°20	n.a.	T 2
F 3	8 40 31	11°54'52	12°56	15°31	25°29	5°18	18°55	20° 6	26°24	26°36	8°19	12°50	11°49	28°27	n.a.	F 3
S 4	8 44 27	12°54'56	24°50	16°12	26°32	6° 4	18°48	20°14	26°24	26°34	8°18	12°47	11°46	28°33	n.a.	S 4
S 5	8 48 24	13°54'58	6♏49	16°57	27°36	6°49	18°42	20°21	26°24	26°33	8°16	12°46	11°43	28°40	n.a.	S 5
M 6	8 52 20	14°54'58	19° 0	17°46	28°39	7°35	18°35	20°28	26°23	26°31	8°15	12°D46	11°39	28°47	n.a.	M 6
T 7	8 56 17	15°54'56	1♐26	18°38	29°43	8°20	18°29	20°36	26°23	26°29	8°14	12°46	11°36	28°53	n.a.	T 7
W 8	9 0 13	16°54'53	14°11	19°33	0♑47	9° 5	18°23	20°43	26°23	26°28	8°13	12°48	11°33	29° 0	n.a.	W 8
T 9	9 4 10	17°54'48	27°21	20°31	1°52	9°51	18°17	20°51	26°22	26°26	8°12	12°50	11°30	29° 7	n.a.	T 9
F 10	9 8 6	18°54'42	10♑57	21°32	2°56	10°36	18°11	20°58	26°22	26°24	8°11	12°R50	11°27	29°14	n.a.	F 10
S 11	9 12 3	19°54'33	24°59	22°35	4° 1	11°21	18° 5	21° 6	26°22	26°23	8°10	12°50	11°24	29°20	n.a.	S 11
S 12	9 16 0	20°54'22	9♒27	23°41	5° 6	12° 6	17°59	21°13	26°21	26°21	8° 9	12°47	11°20	29°27	n.a.	S 12
M13	9 19 56	21°54'10	24°14	24°48	6°12	12°51	17°53	21°21	26°20	26°20	8° 8	12°43	11°17	29°34	n.a.	M13
T 14	9 23 53	22°53'55	9♓13	25°58	7°17	13°37	17°48	21°28	26°20	26°18	8° 7	12°38	11°14	29°40	n.a.	T 14
W15	9 27 49	23°53'38	24°16	27°11	8°23	14°22	17°43	21°36	26°19	26°16	8° 7	12°31	11°11	29°47	n.a.	W15
T 16	9 31 46	24°53'18	9♈12	28°25	9°29	15° 7	17°38	21°43	26°18	26°15	8° 6	12°25	11° 8	29°54	n.a.	T 16
F 17	9 35 42	25°52'57	23°54	29°40	10°35	15°52	17°33	21°51	26°18	26°13	8° 5	12°20	11° 4	0♎ 1	n.a.	F 17
S 18	9 39 39	26°52'33	8♉16	0♒58	11°41	16°36	17°28	21°58	26°17	26°11	8° 4	12°17	11° 1	0° 7	n.a.	S 18
S 19	9 43 35	27°52'06	22°16	2°17	12°47	17°21	17°23	22° 5	26°16	26°10	8° 3	12°D15	10°58	0°14	n.a.	S 19
M20	9 47 32	28°51'37	5♊52	3°39	13°54	18° 6	17°19	22°13	26°15	26° 8	8° 2	12°15	10°55	0°21	n.a.	M20
T 21	9 51 29	29°51'06	19° 8	5° 1	15° 1	18°51	17°14	22°20	26°14	26° 6	8° 2	12°16	10°52	0°27	n.a.	T 21
W22	9 55 25	0♓50'33	2♋ 5	6°25	16° 7	19°36	17°10	22°28	26°13	26° 5	8° 1	12°17	10°49	0°34	n.a.	W22
T 23	9 59 22	1°49'57	14°46	7°51	17°14	20°20	17° 6	22°35	26°12	26° 3	8° 0	12°R18	10°45	0°41	n.a.	T 23
F 24	10 3 18	2°49'18	27°15	9°18	18°21	21° 5	17° 3	22°43	26°11	26° 1	7°59	12°16	10°42	0°48	n.a.	F 24
S 25	10 7 15	3°48'38	9♌33	10°47	19°29	21°49	16°59	22°50	26°10	26° 0	7°59	12°13	10°39	0°54	n.a.	S 25
S 26	10 11 11	4°47'55	21°44	12°17	20°36	22°34	16°56	22°57	26° 9	25°58	7°58	12° 7	10°36	1° 1	n.a.	S 26
M27	10 15 8	5°47'09	3♍47	13°49	21°44	23°18	16°52	23° 5	26° 7	25°56	7°57	11°59	10°33	1° 8	n.a.	M27
T 28	10 19 4	6♓46'22	15♍46	15♒22	22♑51	24♓ 3	16♋49	23♒12	26♎ 6	25♏55	7♋57	11♑49	10♑30	1♎15	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s57	0s 3	4s46	21s34	1n21	20s36	2n57	10s59	0s49	23n15	0n56	16s35	1s39	9s49	0n30	13n54	1n12	28n29	5n 3	23s 4	23s10	3s52		n.a.
T 2	17 41	5 6	5 6	21 43	1 9	20 43	2 52	10 42	0 48	23 16	0 56	16 32	1 39	9 49	0 30	13 55	1 12	28 29	5 3	23 4	23 10	3 55		n.a.
F 3	17 24	9 57	5 13	21 51	0 57	20 50	2 47	10 24	0 47	23 17	0 56	16 30	1 39	9 49	0 30	13 55	1 12	28 29	5 3	23 4	23 10	3 57		n.a.
S 4	17 7	14 27	5 6	21 57	0 45	20 56	2 43	10 7	0 47	23 18	0 56	16 28	1 39	9 49	0 30	13 56	1 12	28 29	5 3	23 5	23 10	4 0		n.a.
S 5	16 50	18 26	4 46	22 3	0 34	21 3	2 38	9 49	0 46	23 19	0 56	16 25	1 39	9 49	0 30	13 56	1 12	28 29	5 3	23 5	23 11	4 3		n.a.
M 6	16 32	21 42	4 13	22 8	0 23	21 8	2 33	9 31	0 46	23 20	0 57	16 23	1 39	9 49	0 31	13 57	1 13	28 29	5 3	23 5	23 11	4 6		n.a.
T 7	16 14	24 3	3 27	22 12	0 12	21 13	2 29	9 14	0 45	23 21	0 57	16 21	1 39	9 49	0 31	13 57	1 13	28 29	5 3	23 5	23 11	4 9		n.a.
W 8	15 56	25 14	2 30	22 14	0 1	21 18	2 24	8 56	0 44	23 21	0 57	16 18	1 39	9 49	0 31	13 58	1 13	28 29	5 3	23 5	23 11	4 12		n.a.
T 9	15 38	25 4	1 24	22 16	0s 9	21 22	2 19	8 38	0 44	23 22	0 57	16 16	1 39	9 49	0 31	13 59	1 13	28 29	5 3	23 4	23 12	4 15		n.a.
F 10	15 19	23 25	0 10	22 16	0 19	21 25	2 15	8 20	0 43	23 23	0 57	16 13	1 39	9 49	0 31	13 59	1 13	28 29	5 3	23 4	23 12	4 18		n.a.
S 11	15 0	20 17	1n 6	22 15	0 28	21 29	2 10	8 2	0 43	23 24	0 57	16 11	1 39	9 48	0 31	14 0	1 13	28 29	5 3	23 4	23 12	4 20		n.a.
S 12	14 41	15 51	2 20	22 13	0 38	21 31	2 5	7 44	0 42	23 25	0 57	16 9	1 39	9 48	0 31	14 0	1 13	28 29	5 3	23 5	23 13	4 23		n.a.
M13	14 22	10 21	3 26	22 10	0 46	21 33	2 0	7 26	0 41	23 26	0 57	16 6	1 39	9 48	0 31	14 1	1 13	28 29	5 3	23 5	23 13	4 26		n.a.
T 14	14 2	4 13	4 19	22 5	0 55	21 35	1 55	7 8	0 41	23 26	0 57	16 4	1 39	9 48	0 31	14 1	1 13	28 29	5 3	23 6	23 13	4 29		n.a.
W15	13 42	2n11	4 54	21 59	1 3	21 35	1 51	6 50	0 40	23 27	0 57	16 1	1 39	9 47	0 31	14 2	1 13	28 29	5 3	23 6	23 13	4 32		n.a.
T 16	13 22	8 24	5 9	21 51	1 11	21 36	1 46	6 32	0 40	23 28	0 57	15 59	1 39	9 47	0 31	14 3	1 13	28 29	5 3	23 7	23 14	4 35		n.a.
F 17	13 2	14 3	5 3	21 42	1 18	21 36	1 41	6 14	0 39	23 28	0 57	15 57	1 39	9 47	0 31	14 3	1 13	28 29	5 3	23 7	23 14	4 38		n.a.
S 18	12 41	18 47	4 38	21 32	1 25	21 35	1 36	5 56	0 38	23 29	0 57	15 54	1 39	9 46	0 31	14 4	1 13	28 29	5 3	23 8	23 14	4 40		n.a.
S 19	12 21	22 21	3 57	21 20	1 31	21 34	1 32	5 38	0 38	23 29	0 57	15 52	1 40	9 46	0 31	14 4	1 13	28 29	5 3	23 8	23 14	4 43		n.a.
M20	12 0	24 32	3 4	21 7	1 37	21 32	1 27	5 19	0 37	23 30	0 57	15 50	1 40	9 46	0 31	14 5	1 13	28 29	5 3	23 8	23 15	4 46		n.a.
T 21	11 39	25 16	2 2	20 53	1 43	21 29	1 22	5 1	0 37	23 31	0 57	15 47	1 40	9 45	0 31	14 6	1 13	28 29	5 3	23 8	23 15	4 49		n.a.
W22	11 18	24 36	0 55	20 37	1 48	21 26	1 17	4 43	0 36	23 31	0 57	15 45	1 40	9 45	0 31	14 6	1 13	28 29	5 3	23 8	23 15	4 52		n.a.
T 23	10 56	22 39	0s13	20 19	1 53	21 22	1 13	4 25	0 35	23 32	0 57	15 42	1 40	9 45	0 31	14 7	1 13	28 29	5 3	23 7	23 16	4 55		n.a.
F 24	10 35	19 38	1 20	20 0	1 57	21 18	1 8	4 6	0 35	23 32	0 57	15 40	1 40	9 44	0 31	14 7	1 13	28 29	5 3	23 8	23 16	4 58		n.a.
S 25	10 13	15 47	2 21	19 39	2 1	21 13	1 3	3 48	0 34	23 32	0 56	15 38	1 40	9 44	0 31	14 8	1 13	28 29	5 3	23 8	23 16	5 0		n.a.
S 26	9 51	11 20	3 15	19 17	2 5	21 8	0 59	3 30	0 34	23 33	0 56	15 35	1 40	9 43	0 31	14 8	1 13	28 29	5 3	23 8	23 16	5 3		n.a.
M27	9 29	6 30	4 0	18 54	2 8	21 2	0 54	3 11	0 33	23 33	0 56	15 33	1 40	9 43	0 31	14 9	1 13	28 29	5 3	23 9	23 17	5 6		n.a.
T 28	9s 7	1n28	4s34	18s28	2s10	20s55	0n50	2s53	0s32	23n34	0n56	15s30	1s40	9s42	0n31	14n10	1n13	28n29	5n 3	23s10	23s17	5s 9		n.a.

Julian Day Number = 1707574.5, Delta T = 03h02m23s
Ecliptic obliquity = 23°42'00, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°35'11, Lahiri = - 4°28'10 Julian Calendar 1 Feb. 38 BCE == Greg. Calendar 30 Jan. 038 BCE

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ASTRODIENST EPHEMERIS for the year 38 BCE
geocentric

MARCH 38 BCE (-37) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 23 1	7♓45'32	27♍41	16♒57	23♑59	24♓47	16°R46	23♒19	26°R 5	25°R53	7°R56	11°R38	10♑26	1♎21	n.a.	W 1
T 2	10 26 57	8°44'41	9♎34	18°33	25° 7	25°31	16♋44	23°27	26♎ 3	25♌51	7♋56	11♑27	10°23	1°28	n.a.	T 2
F 3	10 30 54	9°43'47	21°26	20°10	26°15	26°16	16°41	23°34	26° 2	25°50	7°55	11°17	10°20	1°35	n.a.	F 3
S 4	10 34 51	10°42'52	3♏20	21°49	27°23	27° 0	16°39	23°41	26° 0	25°48	7°55	11° 9	10°17	1°41	n.a.	S 4
S 5	10 38 47	11°41'54	15°20	23°29	28°31	27°44	16°37	23°48	25°59	25°47	7°54	11° 3	10°14	1°48	n.a.	S 5
M 6	10 42 44	12°40'55	27°29	25°11	29°40	28°28	16°35	23°56	25°57	25°45	7°54	11° 0	10°10	1°55	n.a.	M 6
T 7	10 46 40	13°39'54	9♐51	26°54	0♒48	29°12	16°33	24° 3	25°56	25°44	7°53	10°D58	10° 7	2° 2	n.a.	T 7
W 8	10 50 37	14°38'51	22°32	28°38	1°57	29°56	16°31	24°10	25°54	25°42	7°53	10°58	10° 4	2° 8	n.a.	W 8
T 9	10 54 33	15°37'46	5♑35	0♓24	3° 5	0♈40	16°30	24°17	25°52	25°40	7°52	10°R59	10° 1	2°15	n.a.	T 9
F 10	10 58 30	16°36'40	19° 5	2°12	4°14	1°24	16°29	24°24	25°51	25°39	7°52	10°59	9°58	2°22	n.a.	F 10
S 11	11 2 26	17°35'32	3♒ 4	4° 1	5°23	2° 8	16°28	24°31	25°49	25°37	7°52	10°57	9°55	2°29	n.a.	S 11
S 12	11 6 23	18°34'21	17°31	5°51	6°32	2°52	16°27	24°39	25°47	25°36	7°51	10°53	9°51	2°35	n.a.	S 12
M13	11 10 20	19°33'09	2♓23	7°43	7°41	3°36	16°26	24°46	25°45	25°34	7°51	10°46	9°48	2°42	n.a.	M13
T 14	11 14 16	20°31'55	17°34	9°36	8°50	4°20	16°26	24°53	25°43	25°33	7°51	10°37	9°45	2°49	n.a.	T 14
W15	11 18 13	21°30'38	2♈52	11°31	9°59	5° 3	16°26	25° 0	25°41	25°31	7°50	10°27	9°42	2°55	n.a.	W15
T 16	11 22 9	22°29'20	18° 6	13°28	11° 9	5°47	16°D26	25° 6	25°40	25°30	7°50	10°16	9°39	3° 2	n.a.	T 16
F 17	11 26 6	23°27'59	3♉ 7	15°25	12°18	6°30	16°26	25°13	25°38	25°29	7°50	10° 7	9°36	3° 9	n.a.	F 17
S 18	11 30 2	24°26'36	17°44	17°25	13°27	7°14	16°26	25°20	25°36	25°27	7°50	10° 1	9°32	3°16	n.a.	S 18
S 19	11 33 59	25°25'11	1♊55	19°25	14°37	7°57	16°26	25°27	25°34	25°26	7°50	9°57	9°29	3°22	n.a.	S 19
M20	11 37 55	26°23'44	15°38	21°27	15°46	8°41	16°27	25°34	25°31	25°24	7°50	9°55	9°26	3°29	n.a.	M20
T 21	11 41 52	27°22'14	28°54	23°31	16°56	9°24	16°28	25°41	25°29	25°23	7°50	9°D54	9°23	3°36	n.a.	T 21
W22	11 45 48	28°20'42	11♋47	25°35	18° 6	10° 8	16°29	25°47	25°27	25°22	7°50	9°R54	9°20	3°42	n.a.	W22
T 23	11 49 45	29°19'08	24°21	27°41	19°16	10°51	16°30	25°54	25°25	25°20	7°49	9°54	9°16	3°49	n.a.	T 23
F 24	11 53 42	0♈17'32	6♌40	29°47	20°25	11°34	16°32	26° 1	25°23	25°19	7°D49	9°51	9°13	3°56	n.a.	F 24
S 25	11 57 38	1°15'53	18°48	1♈54	21°35	12°17	16°33	26° 7	25°21	25°18	7°49	9°46	9°10	4° 3	n.a.	S 25
S 26	12 1 35	2°14'12	0♍49	4° 2	22°45	13° 0	16°35	26°14	25°19	25°16	7°50	9°38	9° 7	4° 9	n.a.	S 26
M27	12 5 31	3°12'29	12°45	6°10	23°55	13°44	16°37	26°20	25°16	25°15	7°50	9°28	9° 4	4°16	n.a.	M27
T 28	12 9 28	4°10'44	24°39	8°19	25° 5	14°27	16°39	26°27	25°14	25°14	7°50	9°15	9° 1	4°23	n.a.	T 28
W29	12 13 24	5° 8'58	6♎32	10°27	26°15	15°10	16°41	26°33	25°12	25°13	7°50	9° 1	8°57	4°30	n.a.	W29
T 30	12 17 21	6° 7'09	18°25	12°35	27°25	15°52	16°44	26°40	25° 9	25°12	7°50	8°47	8°54	4°36	n.a.	T 30
F 31	12 21 17	7♈ 5'19	0♏20	14♈42	28♒36	16♈35	16♋47	26♒46	25♎ 7	25♌11	7♋50	8♑34	8♑51	4♎43	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8s45	3s35	4s55	18s 2	2s12	20s48	0n45	2s35	0s32	23n34	0n56	15s28	1s40	9s42	0n31	14n10	1n13	28n29	5n 2	23s11	23s17	5s12		n.a.
T 2	8 23	8 28	5 4	17 33	2 14	20 41	0 41	2 16	0 31	23 34	0 56	15 26	1 40	9 41	0 31	14 11	1 13	28 29	5 2	23 12	23 17	5 15		n.a.
F 3	8 0	13 4	4 59	17 3	2 15	20 32	0 36	1 58	0 30	23 35	0 56	15 23	1 41	9 41	0 31	14 11	1 13	28 29	5 2	23 13	23 18	5 17		n.a.
S 4	7 38	17 10	4 42	16 32	2 16	20 23	0 32	1 40	0 30	23 35	0 56	15 21	1 41	9 40	0 31	14 12	1 13	28 29	5 2	23 14	23 18	5 20		n.a.
S 5	7 15	20 37	4 12	15 59	2 17	20 14	0 27	1 21	0 29	23 35	0 56	15 19	1 41	9 40	0 31	14 12	1 13	28 29	5 2	23 14	23 18	5 23		n.a.
M 6	6 52	23 13	3 30	15 24	2 16	20 4	0 23	1 3	0 28	23 35	0 56	15 16	1 41	9 39	0 31	14 13	1 13	28 29	5 2	23 14	23 18	5 26		n.a.
T 7	6 29	24 46	2 38	14 48	2 16	19 53	0 19	0 45	0 28	23 35	0 56	15 14	1 41	9 38	0 31	14 13	1 13	28 29	5 2	23 14	23 19	5 29		n.a.
W 8	6 7	25 6	1 37	14 10	2 14	19 42	0 15	0 26	0 27	23 36	0 56	15 12	1 41	9 38	0 31	14 14	1 13	28 29	5 2	23 14	23 19	5 32		n.a.
T 9	5 44	24 4	0 29	13 31	2 13	19 30	0 11	0 8	0 27	23 36	0 56	15 9	1 41	9 37	0 31	14 14	1 13	28 29	5 2	23 14	23 19	5 34		n.a.
F 10	5 20	21 37	0n43	12 50	2 11	19 18	0 6	0n10	0 26	23 36	0 56	15 7	1 41	9 37	0 31	14 15	1 13	28 29	5 2	23 14	23 19	5 37		n.a.
S 11	4 57	17 50	1 55	12 8	2 8	19 5	0 2	0 28	0 25	23 36	0 56	15 5	1 41	9 36	0 31	14 15	1 13	28 29	5 2	23 15	23 20	5 40		n.a.
S 12	4 34	12 53	3 1	11 23	2 5	18 52	0s 2	0 46	0 25	23 36	0 56	15 3	1 42	9 35	0 31	14 16	1 13	28 29	5 2	23 15	23 20	5 43		n.a.
M13	4 11	7 3	3 57	10 38	2 1	18 38	0 5	1 5	0 24	23 36	0 56	15 0	1 42	9 35	0 31	14 16	1 13	28 29	5 2	23 16	23 20	5 46		n.a.
T 14	3 47	0 42	4 38	9 51	1 57	18 24	0 9	1 23	0 23	23 36	0 56	14 58	1 42	9 34	0 31	14 17	1 13	28 29	5 2	23 16	23 20	5 48		n.a.
W15	3 24	5n43	4 59	9 2	1 52	18 9	0 13	1 41	0 23	23 36	0 56	14 56	1 42	9 33	0 31	14 17	1 13	28 29	5 2	23 17	23 20	5 51		n.a.
T 16	3 1	11 46	4 59	8 12	1 46	17 53	0 17	1 59	0 22	23 36	0 56	14 54	1 42	9 32	0 31	14 18	1 13	28 29	5 2	23 18	23 21	5 54		n.a.
F 17	2 37	17 2	4 38	7 21	1 40	17 37	0 21	2 17	0 22	23 36	0 56	14 51	1 42	9 32	0 31	14 18	1 13	28 29	5 2	23 19	23 21	5 57		n.a.
S 18	2 14	21 8	3 59	6 28	1 34	17 21	0 24	2 35	0 21	23 36	0 55	14 49	1 42	9 31	0 31	14 19	1 13	28 29	5 2	23 19	23 21	6 0		n.a.
S 19	1 50	23 49	3 7	5 34	1 27	17 4	0 28	2 53	0 20	23 36	0 55	14 47	1 42	9 30	0 31	14 19	1 13	28 29	5 2	23 19	23 21	6 2		n.a.
M20	1 27	24 59	2 5	4 38	1 20	16 47	0 31	3 11	0 20	23 35	0 55	14 45	1 43	9 30	0 31	14 20	1 13	28 29	5 1	23 20	23 22	6 5		n.a.
T 21	1 3	24 40	0 58	3 42	1 12	16 29	0 35	3 29	0 19	23 35	0 55	14 42	1 43	9 29	0 31	14 20	1 13	28 29	5 1	23 20	23 22	6 8		n.a.
W22	0 40	23 0	0s10	2 44	1 3	16 11	0 38	3 46	0 18	23 35	0 55	14 40	1 43	9 28	0 31	14 21	1 13	28 29	5 1	23 20	23 22	6 11		n.a.
T 23	0 16	20 14	1 16	1 46	0 54	15 52	0 41	4 4	0 18	23 35	0 55	14 38	1 43	9 27	0 31	14 21	1 13	28 29	5 1	23 20	23 22	6 13		n.a.
F 24	0n 7	16 36	2 16	0 46	0 45	15 32	0 45	4 22	0 17	23 35	0 55	14 36	1 43	9 26	0 31	14 22	1 13	28 29	5 1	23 20	23 23	6 16		n.a.
S 25	0 30	12 21	3 10	0n14	0 35	15 13	0 48	4 39	0 17	23 34	0 55	14 34	1 43	9 26	0 31	14 22	1 13	28 29	5 1	23 20	23 23	6 19		n.a.
S 26	0 54	7 39	3 54	1 14	0 25	14 53	0 51	4 57	0 16	23 34	0 55	14 32	1 43	9 25	0 31	14 22	1 13	28 28	5 1	23 21	23 23	6 22		n.a.
M27	1 17	2 43	4 28	2 15	0 15	14 32	0 54	5 14	0 15	23 34	0 55	14 30	1 44	9 24	0 31	14 23	1 13	28 28	5 1	23 22	23 23	6 25		n.a.
T 28	1 41	2s17	4 50	3 16	0 4	14 11	0 57	5 32	0 15	23 33	0 55	14 28	1 44	9 23	0 31	14 23	1 13	28 28	5 1	23 22	23 23	6 27		n.a.
W29	2 4	7 11	4 59	4 17	0n 6	13 50	0 59	5 49	0 14	23 33	0 55	14 25	1 44	9 22	0 31	14 24	1 13	28 28	5 1	23 23	23 24	6 30		n.a.
T 30	2 27	11 50	4 55	5 17	0 17	13 28	1 2	6 6	0 13	23 33	0 55	14 23	1 44	9 21	0 31	14 24	1 13	28 28	5 1	23 24	23 24	6 33		n.a.
F 31	2n51	16s 3	4s38	6n17	0n28	13s 6	1s 5	6n24	0s13	23n32	0n55	14s21	1s44	9s20	0n31	14n24	1n13	28n28	5n 1	23s25	23s24	6s36		n.a.

Julian Day Number = 1707602.5, Delta T = 03h02m22s
Ecliptic obliquity = 23°42'01, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°35'07, Lahiri = - 4°28'07 Julian Calendar 1 March 38 BCE == Greg. Calendar 27 Feb. 038 BCE

The year -37 astronomical counting style corresponds to year 038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 38 BCE
geocentric

APRIL 38 BCE (-37) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 25 14	8♈ 3'26	12♏18	16♈48	29♒46	17♈18	16♋49	26♒52	25°R 5	25°R 9	7♋50	8°R23	8♑48	4♎50	n.a.	S 1
S 2	12 29 11	9° 1'33	24°22	18°52	0♓56	18° 1	16°52	26°58	25♎ 2	25♏ 8	7°51	8♑14	8°45	4°56	n.a.	S 2
M 3	12 33 7	9°59'38	6♐34	20°56	2° 7	18°44	16°56	27° 4	25° 0	25° 7	7°51	8° 9	8°41	5° 3	n.a.	M 3
T 4	12 37 4	10°57'41	18°58	22°57	3°17	19°26	16°59	27°11	24°58	25° 6	7°51	8° 6	8°38	5°10	n.a.	T 4
W 5	12 41 0	11°55'42	1♑37	24°56	4°28	20° 9	17° 3	27°17	24°55	25° 5	7°51	8° 5	8°35	5°17	n.a.	W 5
T 6	12 44 57	12°53'43	14°37	26°53	5°38	20°52	17° 6	27°23	24°53	25° 4	7°52	8° 5	8°32	5°23	n.a.	T 6
F 7	12 48 53	13°51'42	28° 0	28°47	6°49	21°34	17°10	27°29	24°50	25° 3	7°52	8° 5	8°29	5°30	n.a.	F 7
S 8	12 52 50	14°49'39	11♒50	0♉38	8° 0	22°17	17°14	27°35	24°48	25° 2	7°53	8° 3	8°26	5°37	n.a.	S 8
S 9	12 56 46	15°47'35	26° 8	2°26	9°10	22°59	17°18	27°40	24°45	25° 1	7°53	7°59	8°22	5°43	n.a.	S 9
M10	13 0 43	16°45'30	10♓52	4°11	10°21	23°41	17°23	27°46	24°43	25° 0	7°53	7°52	8°19	5°50	n.a.	M10
T 11	13 4 40	17°43'23	25°56	5°52	11°32	24°24	17°27	27°52	24°40	24°59	7°54	7°43	8°16	5°57	n.a.	T 11
W12	13 8 36	18°41'14	11♈12	7°31	12°43	25° 6	17°32	27°57	24°38	24°59	7°54	7°32	8°13	6° 4	n.a.	W12
T 13	13 12 33	19°39'05	26°29	9° 5	13°53	25°48	17°37	28° 3	24°35	24°58	7°55	7°21	8°10	6°10	n.a.	T 13
F 14	13 16 29	20°36'53	11♉36	10°36	15° 4	26°31	17°42	28° 9	24°33	24°57	7°55	7°12	8° 7	6°17	n.a.	F 14
S 15	13 20 26	21°34'40	26°22	12° 4	16°15	27°13	17°47	28°14	24°30	24°56	7°56	7° 5	8° 3	6°24	n.a.	S 15
S 16	13 24 22	22°32'26	10♊42	13°28	17°26	27°55	17°52	28°19	24°28	24°56	7°57	7° 0	8° 0	6°31	n.a.	S 16
M17	13 28 19	23°30'09	24°33	14°48	18°37	28°37	17°58	28°25	24°25	24°55	7°57	6°58	7°57	6°37	n.a.	M17
T 18	13 32 15	24°27'51	7♋56	16° 4	19°48	29°19	18° 3	28°30	24°23	24°54	7°58	6°D57	7°54	6°44	n.a.	T 18
W19	13 36 12	25°25'32	20°52	17°16	20°59	0♉ 1	18° 9	28°35	24°20	24°54	7°58	6°R57	7°51	6°51	n.a.	W19
T 20	13 40 9	26°23'10	3♌27	18°25	22°11	0°43	18°15	28°40	24°18	24°53	7°59	6°57	7°47	6°57	n.a.	T 20
F 21	13 44 5	27°20'47	15°44	19°29	23°22	1°25	18°21	28°45	24°15	24°52	8° 0	6°56	7°44	7° 4	n.a.	F 21
S 22	13 48 2	28°18'22	27°49	20°29	24°33	2° 6	18°27	28°50	24°13	24°52	8° 1	6°52	7°41	7°11	n.a.	S 22
S 23	13 51 58	29°15'56	9♍46	21°26	25°44	2°48	18°34	28°55	24°10	24°51	8° 1	6°46	7°38	7°18	n.a.	S 23
M24	13 55 55	0♉13'28	21°39	22°18	26°55	3°30	18°40	29° 0	24° 8	24°51	8° 2	6°37	7°35	7°24	n.a.	M24
T 25	13 59 51	1°10'59	3♎31	23° 6	28° 7	4°12	18°47	29° 5	24° 5	24°50	8° 3	6°26	7°32	7°31	n.a.	T 25
W26	14 3 48	2° 8'28	15°24	23°49	29°18	4°53	18°53	29°10	24° 3	24°50	8° 4	6°15	7°28	7°38	n.a.	W26
T 27	14 7 44	3° 5'56	27°20	24°28	0♈29	5°35	19° 0	29°14	24° 0	24°49	8° 5	6° 3	7°25	7°45	n.a.	T 27
F 28	14 11 41	4° 3'23	9♏20	25° 3	1°41	6°16	19° 7	29°19	23°58	24°49	8° 6	5°52	7°22	7°51	n.a.	F 28
S 29	14 15 37	5° 0'49	21°27	25°33	2°52	6°58	19°14	29°23	23°55	24°49	8° 6	5°43	7°19	7°58	n.a.	S 29
S 30	14 19 34	5♉58'14	3♐40	25♉58	4♈ 4	7♉39	19♋22	29♒28	23♎53	24♏48	8♋ 7	5♑36	7♑16	8♎ 5	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n14	19s39	4s 9	7n16	0n39	12s44	1s 7	6n41	0s12	23n32	0n55	14s19	1s44	9s20	0n31	14n25	1n13	28n28	5n 1	23s26	23s24	6s38		n.a.
S 2	3 37	22 26	3 29	8 14	0 50	12 21	1 10	6 58	0 11	23 31	0 54	14 17	1 45	9 19	0 31	14 25	1 12	28 28	5 1	23 26	23 24	6 41		n.a.
M 3	4 0	24 14	2 38	9 11	1 0	11 58	1 12	7 15	0 11	23 31	0 54	14 15	1 45	9 18	0 31	14 25	1 12	28 28	5 1	23 27	23 25	6 44		n.a.
T 4	4 23	24 53	1 39	10 6	1 11	11 34	1 15	7 32	0 10	23 30	0 54	14 13	1 45	9 17	0 31	14 26	1 12	28 28	5 1	23 27	23 25	6 47		n.a.
W 5	4 46	24 16	0 34	11 0	1 21	11 10	1 17	7 49	0 10	23 30	0 54	14 11	1 45	9 16	0 31	14 26	1 12	28 28	5 0	23 27	23 25	6 49		n.a.
T 6	5 9	22 19	0n34	11 52	1 30	10 46	1 19	8 5	0 9	23 29	0 54	14 10	1 45	9 15	0 31	14 26	1 12	28 28	5 0	23 27	23 25	6 52		n.a.
F 7	5 32	19 6	1 43	12 42	1 39	10 22	1 21	8 22	0 8	23 29	0 54	14 8	1 45	9 14	0 31	14 27	1 12	28 28	5 0	23 27	23 26	6 55		n.a.
S 8	5 54	14 44	2 48	13 30	1 48	9 57	1 23	8 39	0 8	23 28	0 54	14 6	1 46	9 13	0 31	14 27	1 12	28 27	5 0	23 27	23 26	6 58		n.a.
S 9	6 17	9 25	3 45	14 15	1 56	9 32	1 25	8 55	0 7	23 28	0 54	14 4	1 46	9 12	0 31	14 27	1 12	28 27	5 0	23 27	23 26	7 0		n.a.
M10	6 39	3 26	4 28	14 58	2 3	9 7	1 27	9 12	0 6	23 27	0 54	14 2	1 46	9 12	0 31	14 28	1 12	28 27	5 0	23 28	23 26	7 3		n.a.
T 11	7 2	2n52	4 54	15 39	2 9	8 41	1 29	9 28	0 6	23 26	0 54	14 0	1 46	9 11	0 31	14 28	1 12	28 27	5 0	23 28	23 26	7 6		n.a.
W12	7 24	9 4	5 0	16 18	2 15	8 15	1 31	9 44	0 5	23 26	0 54	13 58	1 46	9 10	0 31	14 28	1 12	28 27	5 0	23 29	23 27	7 9		n.a.
T 13	7 46	14 44	4 44	16 54	2 21	7 49	1 32	10 0	0 5	23 25	0 54	13 57	1 47	9 9	0 31	14 28	1 12	28 27	5 0	23 30	23 27	7 11		n.a.
F 14	8 8	19 25	4 9	17 27	2 25	7 23	1 34	10 16	0 4	23 24	0 54	13 55	1 47	9 8	0 31	14 29	1 12	28 27	5 0	23 30	23 27	7 14		n.a.
S 15	8 30	22 45	3 17	17 58	2 28	6 56	1 35	10 32	0 3	23 23	0 54	13 53	1 47	9 7	0 31	14 29	1 12	28 27	5 0	23 31	23 27	7 17		n.a.
S 16	8 52	24 31	2 14	18 27	2 31	6 30	1 36	10 48	0 3	23 23	0 54	13 51	1 47	9 6	0 31	14 29	1 12	28 27	5 0	23 31	23 27	7 19		n.a.
M17	9 13	24 40	1 5	18 53	2 33	6 3	1 38	11 4	0 2	23 22	0 53	13 50	1 47	9 5	0 31	14 29	1 12	28 27	5 0	23 31	23 28	7 22		n.a.
T 18	9 35	23 22	0s 5	19 17	2 34	5 36	1 39	11 20	0 2	23 21	0 53	13 48	1 47	9 4	0 31	14 30	1 12	28 27	5 0	23 31	23 28	7 25		n.a.
W19	9 56	20 51	1 13	19 38	2 34	5 8	1 40	11 35	0 1	23 20	0 53	13 46	1 48	9 3	0 31	14 30	1 12	28 26	5 0	23 31	23 28	7 28		n.a.
T 20	10 17	17 24	2 16	19 57	2 34	4 41	1 41	11 51	0 0	23 19	0 53	13 45	1 48	9 2	0 31	14 30	1 12	28 26	5 0	23 31	23 28	7 30		n.a.
F 21	10 38	13 16	3 10	20 14	2 32	4 13	1 42	12 6	0n 0	23 18	0 53	13 43	1 48	9 1	0 31	14 30	1 12	28 26	4 59	23 31	23 28	7 33		n.a.
S 22	10 59	8 41	3 56	20 28	2 29	3 46	1 43	12 21	0 1	23 17	0 53	13 42	1 48	9 0	0 31	14 30	1 12	28 26	4 59	23 31	23 28	7 36		n.a.
S 23	11 20	3 50	4 30	20 40	2 26	3 18	1 44	12 36	0 2	23 16	0 53	13 40	1 49	9 0	0 31	14 30	1 12	28 26	4 59	23 32	23 29	7 38		n.a.
M24	11 40	1s 7	4 52	20 49	2 21	2 50	1 44	12 51	0 2	23 16	0 53	13 39	1 49	8 59	0 31	14 31	1 12	28 26	4 59	23 32	23 29	7 41		n.a.
T 25	12 1	6 1	5 2	20 56	2 16	2 22	1 45	13 6	0 3	23 15	0 53	13 37	1 49	8 58	0 31	14 31	1 12	28 26	4 59	23 32	23 29	7 44		n.a.
W26	12 21	10 42	4 59	21 1	2 10	1 53	1 45	13 21	0 3	23 14	0 53	13 36	1 49	8 57	0 31	14 31	1 12	28 26	4 59	23 33	23 29	7 46		n.a.
T 27	12 41	15 1	4 42	21 4	2 2	1 25	1 46	13 35	0 4	23 12	0 53	13 34	1 49	8 56	0 31	14 31	1 12	28 26	4 59	23 34	23 29	7 49		n.a.
F 28	13 0	18 45	4 13	21 5	1 54	0 57	1 46	13 50	0 5	23 11	0 53	13 33	1 50	8 55	0 31	14 31	1 12	28 26	4 59	23 34	23 30	7 52		n.a.
S 29	13 20	21 44	3 32	21 3	1 45	0 28	1 46	14 4	0 5	23 10	0 53	13 31	1 50	8 54	0 31	14 31	1 12	28 25	4 59	23 34	23 30	7 55		n.a.
S 30	13n39	23s45	2s41	21n 0	1n35	0n 0	1s47	14n18	0n 6	23n 9	0n53	13s30	1s50	8s53	0n31	14n31	1n12	28n25	4n59	23s35	23s30	7s57		n.a.

Julian Day Number = 1707633.5, Delta T = 03h02m21s
Ecliptic obliquity = 23°42'00, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°35'03, Lahiri = - 4°28'02 Julian Calendar 1 Apr. 38 BCE == Greg. Calendar 30 March 038 BCE

The year -37 astronomical counting style corresponds to year 038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 38 BCE
geocentric

MAY 38 BCE (-37) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 23 31	6♉55'38	16♐ 2	26♉19	5♈15	8♉21	19♋29	29♒32	23°R51	24°R48	8♋ 8	5°R32	7♑13	8♎11	n.a.	M 1
T 2	14 27 27	7°53'01	28°36	26°35	6°27	9° 2	19°37	29°36	23♎48	24♌48	8° 9	5♑30	7° 9	8°18	n.a.	T 2
W 3	14 31 24	8°50'23	11♑23	26°47	7°38	9°43	19°44	29°40	23°46	24°48	8°10	5°D30	7° 6	8°25	n.a.	W 3
T 4	14 35 20	9°47'45	24°26	26°54	8°50	10°24	19°52	29°45	23°43	24°48	8°11	5°31	7° 3	8°32	n.a.	T 4
F 5	14 39 17	10°45'05	7♒49	26°R56	10° 1	11° 6	20° 0	29°49	23°41	24°47	8°12	5°R32	7° 0	8°38	n.a.	F 5
S 6	14 43 13	11°42'26	21°33	26°54	11°13	11°47	20° 8	29°53	23°39	24°47	8°13	5°31	6°57	8°45	n.a.	S 6
S 7	14 47 10	12°39'45	5♓40	26°47	12°25	12°28	20°16	29°56	23°36	24°47	8°14	5°29	6°53	8°52	n.a.	S 7
M 8	14 51 7	13°37'04	20°10	26°36	13°36	13° 9	20°24	0♓ 0	23°34	24°47	8°15	5°25	6°50	8°58	n.a.	M 8
T 9	14 55 3	14°34'22	4♈57	26°21	14°48	13°50	20°33	0° 4	23°32	24°D47	8°17	5°19	6°47	9° 5	n.a.	T 9
W10	14 59 0	15°31'40	19°57	26° 3	16° 0	14°31	20°41	0° 7	23°29	24°47	8°18	5°12	6°44	9°12	n.a.	W10
T 11	15 2 56	16°28'57	4♉59	25°40	17°12	15°12	20°50	0°11	23°27	24°47	8°19	5° 4	6°41	9°19	n.a.	T 11
F 12	15 6 53	17°26'13	19°56	25°15	18°24	15°53	20°59	0°14	23°25	24°47	8°20	4°58	6°38	9°25	n.a.	F 12
S 13	15 10 49	18°23'29	4♊37	24°47	19°36	16°34	21° 7	0°18	23°23	24°47	8°21	4°53	6°34	9°32	n.a.	S 13
S 14	15 14 46	19°20'44	18°57	24°17	20°47	17°15	21°16	0°21	23°21	24°48	8°22	4°50	6°31	9°39	n.a.	S 14
M15	15 18 42	20°17'58	2♋50	23°45	21°59	17°56	21°25	0°24	23°18	24°48	8°24	4°D49	6°28	9°46	n.a.	M15
T 16	15 22 39	21°15'12	16°17	23°12	23°11	18°36	21°35	0°27	23°16	24°48	8°25	4°49	6°25	9°52	n.a.	T 16
W17	15 26 36	22°12'24	29°18	22°38	24°23	19°17	21°44	0°30	23°14	24°48	8°26	4°51	6°22	9°59	n.a.	W17
T 18	15 30 32	23° 9'36	11♌56	22° 4	25°35	19°58	21°53	0°33	23°12	24°48	8°27	4°52	6°18	10° 6	n.a.	T 18
F 19	15 34 29	24° 6'47	24°17	21°31	26°47	20°38	22° 3	0°36	23°10	24°49	8°29	4°R52	6°15	10°12	n.a.	F 19
S 20	15 38 25	25° 3'57	6♍23	20°59	27°59	21°19	22°12	0°38	23° 8	24°49	8°30	4°52	6°12	10°19	n.a.	S 20
S 21	15 42 22	26° 1'06	18°21	20°28	29°11	21°59	22°22	0°41	23° 6	24°49	8°31	4°49	6° 9	10°26	n.a.	S 21
M22	15 46 18	26°58'14	0♎14	19°59	0♉24	22°40	22°32	0°43	23° 4	24°50	8°33	4°45	6° 6	10°33	n.a.	M22
T 23	15 50 15	27°55'22	12° 6	19°34	1°36	23°20	22°41	0°46	23° 2	24°50	8°34	4°40	6° 3	10°39	n.a.	T 23
W24	15 54 11	28°52'30	24° 1	19°11	2°48	24° 1	22°51	0°48	23° 0	24°51	8°36	4°34	5°59	10°46	n.a.	W24
T 25	15 58 8	29°49'37	6♏ 2	18°52	4° 0	24°41	23° 1	0°50	22°58	24°51	8°37	4°28	5°56	10°53	n.a.	T 25
F 26	16 2 5	0♊46'43	18°10	18°36	5°12	25°21	23°11	0°52	22°57	24°52	8°38	4°22	5°53	11° 0	n.a.	F 26
S 27	16 6 1	1°43'50	0♐27	18°25	6°25	26° 2	23°22	0°54	22°55	24°52	8°40	4°17	5°50	11° 6	n.a.	S 27
S 28	16 9 58	2°40'56	12°54	18°18	7°37	26°42	23°32	0°56	22°53	24°53	8°41	4°14	5°47	11°13	n.a.	S 28
M29	16 13 54	3°38'02	25°33	18°D16	8°49	27°22	23°42	0°58	22°51	24°54	8°43	4°12	5°44	11°20	n.a.	M29
T 30	16 17 51	4°35'08	8♑23	18°18	10° 2	28° 2	23°53	1° 0	22°50	24°54	8°44	4°D12	5°40	11°26	n.a.	T 30
W31	16 21 47	5♊32'14	21♑26	18♉25	11♉14	28♉42	24♋ 3	1♓ 1	22♎48	24♌55	8♋46	4♑13	5♑37	11♎33	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	13n58	24s39	1s42	20n54	1n24	0n29	1s47	14n32	0n 6	23n 8	0n53	13s29	1s50	8s52	0n31	14n31	1n12	28n25	4n59	23s35	23s30	8s 0			n.a.
T 2	14 17	24 18	0 37	20 46	1 12	0 57	1 47	14 46	0 7	23 7	0 53	13 27	1 51	8 51	0 31	14 31	1 12	28 25	4 59	23 35	23 30	8 3			n.a.
W 3	14 36	22 41	0n31	20 37	1 0	1 26	1 47	15 0	0 8	23 6	0 53	13 26	1 51	8 51	0 31	14 31	1 12	28 25	4 59	23 35	23 30	8 5			n.a.
T 4	14 54	19 50	1 40	20 25	0 46	1 55	1 46	15 14	0 8	23 5	0 52	13 25	1 51	8 50	0 31	14 31	1 12	28 25	4 59	23 35	23 31	8 8			n.a.
F 5	15 13	15 52	2 44	20 12	0 32	2 23	1 46	15 28	0 9	23 3	0 52	13 24	1 51	8 49	0 31	14 31	1 12	28 25	4 59	23 35	23 31	8 11			n.a.
S 6	15 31	10 59	3 41	19 57	0 17	2 52	1 46	15 41	0 9	23 2	0 52	13 22	1 51	8 48	0 31	14 31	1 12	28 25	4 59	23 35	23 31	8 13			n.a.
S 7	15 48	5 24	4 26	19 40	0 1	3 20	1 46	15 54	0 10	23 1	0 52	13 21	1 52	8 47	0 31	14 31	1 12	28 25	4 59	23 35	23 31	8 16			n.a.
M 8	16 6	0n35	4 56	19 22	0s15	3 49	1 45	16 7	0 11	22 59	0 52	13 20	1 52	8 46	0 31	14 31	1 12	28 24	4 59	23 35	23 31	8 19			n.a.
T 9	16 23	6 40	5 7	19 2	0 31	4 17	1 45	16 21	0 11	22 58	0 52	13 19	1 52	8 45	0 31	14 31	1 12	28 24	4 59	23 36	23 31	8 21			n.a.
W10	16 40	12 27	4 57	18 42	0 48	4 46	1 44	16 33	0 12	22 57	0 52	13 18	1 52	8 45	0 31	14 31	1 12	28 24	4 59	23 36	23 32	8 24			n.a.
T 11	16 57	17 30	4 26	18 20	1 5	5 14	1 43	16 46	0 12	22 55	0 52	13 17	1 53	8 44	0 31	14 31	1 11	28 24	4 59	23 36	23 32	8 27			n.a.
F 12	17 13	21 24	3 38	17 57	1 22	5 42	1 43	16 59	0 13	22 54	0 52	13 16	1 53	8 43	0 31	14 31	1 11	28 24	4 59	23 36	23 32	8 29			n.a.
S 13	17 29	23 50	2 36	17 34	1 39	6 11	1 42	17 11	0 14	22 53	0 52	13 15	1 53	8 42	0 31	14 31	1 11	28 24	4 59	23 37	23 32	8 32			n.a.
S 14	17 45	24 38	1 25	17 10	1 56	6 39	1 41	17 23	0 14	22 51	0 52	13 14	1 53	8 41	0 31	14 31	1 11	28 24	4 58	23 37	23 32	8 34			n.a.
M15	18 1	23 51	0 11	16 47	2 12	7 7	1 40	17 36	0 15	22 50	0 52	13 13	1 54	8 41	0 31	14 31	1 11	28 24	4 58	23 37	23 32	8 37			n.a.
T 16	18 16	21 40	1s 2	16 23	2 28	7 34	1 39	17 48	0 15	22 48	0 52	13 12	1 54	8 40	0 31	14 31	1 11	28 24	4 58	23 37	23 33	8 40			n.a.
W17	18 31	18 25	2 9	16 0	2 43	8 2	1 38	18 0	0 16	22 47	0 52	13 12	1 54	8 39	0 31	14 31	1 11	28 23	4 58	23 37	23 33	8 42			n.a.
T 18	18 46	14 24	3 7	15 38	2 57	8 30	1 37	18 11	0 16	22 45	0 52	13 11	1 54	8 38	0 31	14 31	1 11	28 23	4 58	23 37	23 33	8 45			n.a.
F 19	19 0	9 52	3 56	15 16	3 10	8 57	1 36	18 23	0 17	22 44	0 52	13 10	1 55	8 38	0 31	14 31	1 11	28 23	4 58	23 37	23 33	8 48			n.a.
S 20	19 14	5 3	4 33	14 56	3 23	9 24	1 34	18 34	0 18	22 42	0 52	13 9	1 55	8 37	0 31	14 30	1 11	28 23	4 58	23 37	23 33	8 50			n.a.
S 21	19 28	0 6	4 58	14 38	3 33	9 51	1 33	18 45	0 18	22 40	0 52	13 9	1 55	8 36	0 31	14 30	1 11	28 23	4 58	23 37	23 33	8 53			n.a.
M22	19 42	4s48	5 9	14 21	3 43	10 18	1 32	18 56	0 19	22 39	0 52	13 8	1 55	8 35	0 31	14 30	1 11	28 23	4 58	23 37	23 33	8 55			n.a.
T 23	19 55	9 32	5 8	14 6	3 52	10 45	1 30	19 7	0 19	22 37	0 52	13 7	1 56	8 35	0 31	14 30	1 11	28 23	4 58	23 37	23 34	8 58			n.a.
W24	20 8	13 56	4 53	13 53	3 59	11 11	1 29	19 18	0 20	22 35	0 52	13 7	1 56	8 34	0 31	14 30	1 11	28 23	4 58	23 37	23 34	9 1			n.a.
T 25	20 20	17 50	4 25	13 42	4 4	11 37	1 27	19 29	0 21	22 34	0 52	13 6	1 56	8 33	0 30	14 30	1 11	28 23	4 58	23 37	23 34	9 3			n.a.
F 26	20 32	21 1	3 45	13 34	4 9	12 3	1 26	19 39	0 21	22 32	0 52	13 6	1 56	8 33	0 30	14 29	1 11	28 22	4 58	23 38	23 34	9 6			n.a.
S 27	20 44	23 18	2 54	13 28	4 12	12 29	1 24	19 49	0 22	22 30	0 52	13 5	1 57	8 32	0 30	14 29	1 11	28 22	4 58	23 38	23 34	9 9			n.a.
S 28	20 55	24 28	1 54	13 25	4 13	12 54	1 22	19 59	0 22	22 28	0 51	13 5	1 57	8 31	0 30	14 29	1 11	28 22	4 58	23 38	23 34	9 11			n.a.
M29	21 6	24 25	0 47	13 24	4 14	13 19	1 20	20 9	0 23	22 26	0 51	13 4	1 57	8 31	0 30	14 29	1 11	28 22	4 58	23 38	23 34	9 14			n.a.
T 30	21 17	23 3	0n23	13 25	4 13	13 44	1 19	20 19	0 23	22 24	0 51	13 4	1 57	8 30	0 30	14 28	1 11	28 22	4 58	23 38	23 35	9 16			n.a.
W31	21n28	20s26	1n33	13n29	4s11	14n 9	1s17	20n29	0n24	22n23	0n51	13s 4	1s58	8s30	0n30	14n28	1n11	28n22	4n58	23s38	23s35	9s19			n.a.

Julian Day Number = 1707663.5, Delta T = 03h02m21s
Ecliptic obliquity = 23°42'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°34'59, Lahiri = - 4°27'58 Julian Calendar 1 May 38 BCE == Greg. Calendar 29 Apr. 038 BCE

The year -37 astronomical counting style corresponds to year 038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 38 BCE
geocentric

JUNE 38 BCE (-37) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 25 44	6♊29'20	4♒44	18♉37	12♉26	29♉22	24♋14	1♓ 3	22°R47	24♎56	8♋47	4♑15	5♑34	11♎40	n.a.	T 1
F 2	16 29 40	7°26'27	18°16	18°54	13°39	0♊ 2	24°24	1° 4	22♎45	24°56	8°49	4°16	5°31	11°47	n.a.	F 2
S 3	16 33 37	8°23'33	2♓ 3	19°16	14°51	0°43	24°35	1° 6	22°44	24°57	8°50	4°R17	5°28	11°53	n.a.	S 3
S 4	16 37 34	9°20'40	16° 6	19°42	16° 4	1°22	24°46	1° 7	22°42	24°58	8°52	4°17	5°24	12° 0	n.a.	S 4
M 5	16 41 30	10°17'47	0♈23	20°14	17°16	2° 2	24°57	1° 8	22°41	24°59	8°53	4°16	5°21	12° 7	n.a.	M 5
T 6	16 45 27	11°14'54	14°52	20°50	18°29	2°42	25° 8	1° 9	22°39	25° 0	8°55	4°14	5°18	12°13	n.a.	T 6
W 7	16 49 23	12°12'02	29°28	21°31	19°42	3°22	25°19	1°10	22°38	25° 1	8°56	4°11	5°15	12°20	n.a.	W 7
T 8	16 53 20	13° 9'11	14♉ 7	22°17	20°54	4° 2	25°30	1°11	22°37	25° 1	8°58	4° 8	5°12	12°27	n.a.	T 8
F 9	16 57 16	14° 6'19	28°40	23° 7	22° 7	4°42	25°41	1°12	22°35	25° 2	9° 0	4° 6	5° 9	12°34	n.a.	F 9
S 10	17 1 13	15° 3'28	13♊ 3	24° 2	23°20	5°22	25°53	1°12	22°34	25° 3	9° 1	4° 4	5° 5	12°40	n.a.	S 10
S 11	17 5 10	16° 0'38	27° 9	25° 2	24°32	6° 1	26° 4	1°13	22°33	25° 4	9° 3	4° 3	5° 2	12°47	n.a.	S 11
M12	17 9 6	16°57'47	10♋55	26° 6	25°45	6°41	26°15	1°13	22°32	25° 5	9° 4	4°D 3	4°59	12°54	n.a.	M12
T 13	17 13 3	17°54'57	24°19	27°15	26°58	7°21	26°27	1°14	22°31	25° 7	9° 6	4° 4	4°56	13° 1	n.a.	T 13
W14	17 16 59	18°52'07	7♌20	28°28	28°11	8° 0	26°38	1°14	22°30	25° 8	9° 8	4° 5	4°53	13° 7	n.a.	W14
T 15	17 20 56	19°49'17	20° 0	29°45	29°24	8°40	26°50	1°14	22°29	25° 9	9° 9	4° 6	4°50	13°14	n.a.	T 15
F 16	17 24 52	20°46'27	2♍23	1♊ 7	0♊36	9°19	27° 2	1°R14	22°28	25°10	9°11	4° 7	4°46	13°21	n.a.	F 16
S 17	17 28 49	21°43'37	14°31	2°33	1°49	9°59	27°13	1°14	22°27	25°11	9°13	4° 8	4°43	13°27	n.a.	S 17
S 18	17 32 45	22°40'48	26°30	4° 2	3° 2	10°38	27°25	1°14	22°26	25°12	9°14	4°R 8	4°40	13°34	n.a.	S 18
M19	17 36 42	23°37'58	8♎25	5°36	4°15	11°18	27°37	1°13	22°25	25°14	9°16	4° 7	4°37	13°41	n.a.	M19
T 20	17 40 39	24°35'09	20°18	7°14	5°28	11°57	27°49	1°13	22°25	25°15	9°18	4° 7	4°34	13°48	n.a.	T 20
W21	17 44 35	25°32'21	2♏15	8°55	6°41	12°37	28° 1	1°12	22°24	25°16	9°19	4° 6	4°30	13°54	n.a.	W21
T 22	17 48 32	26°29'32	14°20	10°40	7°54	13°16	28°13	1°12	22°23	25°18	9°21	4° 5	4°27	14° 1	n.a.	T 22
F 23	17 52 28	27°26'45	26°35	12°28	9° 7	13°55	28°25	1°11	22°23	25°19	9°23	4° 4	4°24	14° 8	n.a.	F 23
S 24	17 56 25	28°23'58	9♐ 3	14°19	10°20	14°34	28°37	1°10	22°22	25°20	9°25	4° 3	4°21	14°15	n.a.	S 24
S 25	18 0 21	29°21'11	21°45	16°13	11°34	15°14	28°49	1° 9	22°22	25°22	9°26	4° 3	4°18	14°21	n.a.	S 25
M26	18 4 18	0♋18'25	4♑43	18°10	12°47	15°53	29° 1	1° 8	22°21	25°23	9°28	4°D 2	4°15	14°28	n.a.	M26
T 27	18 8 14	1°15'41	17°56	20° 9	14° 0	16°32	29°13	1° 7	22°21	25°25	9°30	4° 3	4°11	14°35	n.a.	T 27
W28	18 12 11	2°12'56	1♒23	22° 9	15°13	17°11	29°25	1° 6	22°20	25°26	9°31	4° 3	4° 8	14°41	n.a.	W28
T 29	18 16 8	3°10'13	15° 3	24°12	16°27	17°50	29°38	1° 5	22°20	25°28	9°33	4° 3	4° 5	14°48	n.a.	T 29
F 30	18 20 4	4♋ 7'31	28♒54	26♊16	17♊40	18♊29	29♋50	1♓ 3	22♎20	25♌29	9♋35	4°R 3	4♑ 2	14♎55	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n38	16s43	2n40	13n35	4s 7	14n33	1s15	20n38	0n24	22n21	0n51	13s 3	1s58	8s29	0n30	14n28	1n11	28n22	4n58	23s38	23s35	9s21		n.a.
F 2	21 47	12 4	3 38	13 44	4 3	14 57	1 13	20 47	0 25	22 19	0 51	13 3	1 58	8 28	0 30	14 28	1 11	28 22	4 58	23 38	23 35	9 24		n.a.
S 3	21 57	6 43	4 26	13 55	3 58	15 20	1 11	20 56	0 26	22 17	0 51	13 3	1 59	8 28	0 30	14 27	1 11	28 22	4 58	23 38	23 35	9 27		n.a.
S 4	22 6	0 58	4 58	14 8	3 52	15 44	1 9	21 5	0 26	22 15	0 51	13 3	1 59	8 27	0 30	14 27	1 11	28 22	4 58	23 38	23 35	9 29		n.a.
M 5	22 14	4n56	5 13	14 23	3 45	16 6	1 7	21 14	0 27	22 13	0 51	13 2	1 59	8 27	0 30	14 27	1 11	28 21	4 58	23 38	23 35	9 32		n.a.
T 6	22 22	10 39	5 9	14 40	3 37	16 29	1 5	21 22	0 27	22 11	0 51	13 2	1 59	8 26	0 30	14 26	1 11	28 21	4 58	23 38	23 36	9 34		n.a.
W 7	22 30	15 49	4 44	14 59	3 28	16 51	1 3	21 31	0 28	22 9	0 51	13 2	2 0	8 26	0 30	14 26	1 11	28 21	4 58	23 38	23 36	9 37		n.a.
T 8	22 37	20 4	4 1	15 20	3 19	17 12	1 0	21 39	0 28	22 7	0 51	13 2	2 0	8 25	0 30	14 26	1 11	28 21	4 58	23 38	23 36	9 39		n.a.
F 9	22 44	23 3	3 3	15 42	3 9	17 34	0 58	21 47	0 29	22 5	0 51	13 2	2 0	8 25	0 30	14 25	1 11	28 21	4 58	23 38	23 36	9 42		n.a.
S 10	22 51	24 29	1 53	16 6	2 58	17 54	0 56	21 55	0 29	22 2	0 51	13 2	2 0	8 25	0 30	14 25	1 11	28 21	4 58	23 38	23 36	9 45		n.a.
S 11	22 57	24 18	0 38	16 32	2 47	18 15	0 54	22 2	0 30	22 0	0 51	13 2	2 1	8 24	0 30	14 25	1 11	28 21	4 58	23 38	23 36	9 47		n.a.
M12	23 3	22 37	0s38	16 58	2 36	18 34	0 51	22 10	0 31	21 58	0 51	13 2	2 1	8 24	0 30	14 24	1 11	28 21	4 58	23 38	23 36	9 50		n.a.
T 13	23 9	19 41	1 50	17 25	2 24	18 54	0 49	22 17	0 31	21 56	0 51	13 2	2 1	8 23	0 30	14 24	1 11	28 21	4 58	23 38	23 36	9 52		n.a.
W14	23 14	15 51	2 54	17 54	2 12	19 13	0 47	22 24	0 32	21 54	0 51	13 3	2 1	8 23	0 30	14 23	1 11	28 21	4 58	23 38	23 37	9 55		n.a.
T 15	23 18	11 23	3 47	18 23	1 59	19 31	0 44	22 31	0 32	21 51	0 51	13 3	2 2	8 23	0 30	14 23	1 10	28 20	4 58	23 38	23 37	9 57		n.a.
F 16	23 22	6 33	4 29	18 52	1 47	19 49	0 42	22 38	0 33	21 49	0 51	13 3	2 2	8 22	0 30	14 23	1 10	28 20	4 58	23 38	23 37	10 0		n.a.
S 17	23 26	1 35	4 58	19 22	1 34	20 6	0 39	22 44	0 33	21 47	0 51	13 3	2 2	8 22	0 30	14 22	1 10	28 20	4 58	23 38	23 37	10 2		n.a.
S 18	23 30	3s23	5 13	19 52	1 21	20 23	0 37	22 51	0 34	21 44	0 51	13 4	2 3	8 22	0 30	14 22	1 10	28 20	4 58	23 38	23 37	10 5		n.a.
M19	23 33	8 11	5 15	20 22	1 8	20 40	0 35	22 57	0 34	21 42	0 51	13 4	2 3	8 22	0 30	14 21	1 10	28 20	4 59	23 38	23 37	10 8		n.a.
T 20	23 35	12 42	5 4	20 51	0 55	20 55	0 32	23 3	0 35	21 40	0 51	13 4	2 3	8 21	0 30	14 21	1 10	28 20	4 59	23 38	23 37	10 10		n.a.
W21	23 37	16 44	4 39	21 20	0 42	21 11	0 30	23 8	0 35	21 37	0 51	13 5	2 3	8 21	0 30	14 20	1 10	28 20	4 59	23 38	23 37	10 13		n.a.
T 22	23 39	20 9	4 2	21 48	0 29	21 25	0 27	23 14	0 36	21 35	0 51	13 5	2 4	8 21	0 30	14 20	1 10	28 20	4 59	23 38	23 37	10 15		n.a.
F 23	23 40	22 44	3 13	22 16	0 17	21 39	0 25	23 19	0 36	21 32	0 51	13 6	2 4	8 21	0 30	14 19	1 10	28 20	4 59	23 38	23 38	10 18		n.a.
S 24	23 41	24 15	2 14	22 42	0 4	21 53	0 22	23 25	0 37	21 30	0 51	13 6	2 4	8 20	0 30	14 19	1 10	28 20	4 59	23 38	23 38	10 20		n.a.
S 25	23 42	24 34	1 8	23 6	0n 7	22 6	0 20	23 30	0 38	21 27	0 51	13 7	2 4	8 20	0 30	14 18	1 10	28 20	4 59	23 38	23 38	10 23		n.a.
M26	23 42	23 33	0n 4	23 28	0 19	22 18	0 17	23 34	0 38	21 25	0 51	13 8	2 5	8 20	0 30	14 18	1 10	28 19	4 59	23 38	23 38	10 25		n.a.
T 27	23 42	21 13	1 16	23 49	0 29	22 29	0 14	23 39	0 39	21 22	0 51	13 8	2 5	8 20	0 29	14 17	1 10	28 19	4 59	23 38	23 38	10 28		n.a.
W28	23 41	17 42	2 26	24 7	0 40	22 40	0 12	23 43	0 39	21 20	0 51	13 9	2 5	8 20	0 29	14 17	1 10	28 19	4 59	23 38	23 38	10 30		n.a.
T 29	23 40	13 11	3 28	24 24	0 49	22 51	0 9	23 48	0 40	21 17	0 51	13 10	2 5	8 20	0 29	14 16	1 10	28 19	4 59	23 38	23 38	10 33		n.a.
F 30	23n38	7s56	4n19	24n37	0n58	23n 0	0s 7	23n52	0n40	21n14	0n51	13s10	2s 6	8s20	0n29	14n16	1n10	28n19	4n59	23s38	23s38	10s35		n.a.

Julian Day Number = 1707694.5, Delta T = 03h02m20s
Ecliptic obliquity = 23°41'59, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°34'55, Lahiri = - 4°27'54 Julian Calendar 1 June 38 BCE == Greg. Calendar 30 May 038 BCE

The year -37 astronomical counting style corresponds to year 038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 38 BCE
geocentric

JULY 38 BCE (-37) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 24 1	5♋ 4'50	12♓55	28♊20	18♊53	19♊ 8	0♌ 2	1°R 2	22°R20	25♌31	9♋37	4°R 3	3♑59	15♎ 2	n.a.	S 1
S 2	18 27 57	6° 2'10	27° 3	0♋26	20° 7	19°47	0°15	1♓ 0	22♎20	25°32	9°38	4♑ 3	3°56	15° 8	n.a.	S 2
M 3	18 31 54	6°59'31	11♈16	2°31	21°20	20°26	0°27	0°59	22°19	25°34	9°40	4°D 3	3°52	15°15	n.a.	M 3
T 4	18 35 50	7°56'54	25°32	4°37	22°33	21° 5	0°40	0°57	22°D19	25°35	9°42	4° 3	3°49	15°22	n.a.	T 4
W 5	18 39 47	8°54'18	9♉48	6°43	23°47	21°44	0°52	0°55	22°19	25°37	9°44	4° 3	3°46	15°28	n.a.	W 5
T 6	18 43 43	9°51'44	24° 0	8°48	25° 1	22°23	1° 5	0°53	22°20	25°39	9°45	4° 4	3°43	15°35	n.a.	T 6
F 7	18 47 40	10°49'10	8♊ 6	10°52	26°14	23° 2	1°18	0°51	22°20	25°40	9°47	4° 4	3°40	15°42	n.a.	F 7
S 8	18 51 37	11°46'39	22° 3	12°56	27°28	23°41	1°30	0°49	22°20	25°42	9°49	4° 5	3°36	15°49	n.a.	S 8
S 9	18 55 33	12°44'08	5♋46	14°59	28°41	24°20	1°43	0°46	22°20	25°44	9°51	4°R 5	3°33	15°55	n.a.	S 9
M10	18 59 30	13°41'38	19°15	17° 0	29°55	24°58	1°56	0°44	22°20	25°46	9°52	4° 5	3°30	16° 2	n.a.	M10
T 11	19 3 26	14°39'10	2♌26	19° 0	1♋ 9	25°37	2° 8	0°42	22°21	25°47	9°54	4° 4	3°27	16° 9	n.a.	T 11
W12	19 7 23	15°36'43	15°20	21° 0	2°22	26°16	2°21	0°39	22°21	25°49	9°56	4° 2	3°24	16°16	n.a.	W12
T 13	19 11 19	16°34'17	27°57	22°57	3°36	26°54	2°34	0°37	22°21	25°51	9°58	4° 1	3°21	16°22	n.a.	T 13
F 14	19 15 16	17°31'51	10♍19	24°54	4°50	27°33	2°47	0°34	22°22	25°53	9°59	3°59	3°17	16°29	n.a.	F 14
S 15	19 19 13	18°29'27	22°28	26°49	6° 4	28°12	2°59	0°31	22°22	25°55	10° 1	3°57	3°14	16°36	n.a.	S 15
S 16	19 23 9	19°27'04	4♎27	28°42	7°18	28°50	3°12	0°28	22°23	25°56	10° 3	3°56	3°11	16°42	n.a.	S 16
M17	19 27 6	20°24'42	16°21	0♌34	8°31	29°29	3°25	0°25	22°24	25°58	10° 4	3°D55	3° 8	16°49	n.a.	M17
T 18	19 31 2	21°22'22	28°14	2°25	9°45	0♋ 7	3°38	0°22	22°24	26° 0	10° 6	3°55	3° 5	16°56	n.a.	T 18
W19	19 34 59	22°20'02	10♏11	4°14	10°59	0°46	3°51	0°19	22°25	26° 2	10° 8	3°56	3° 2	17° 3	n.a.	W19
T 20	19 38 55	23°17'44	22°17	6° 2	12°13	1°24	4° 4	0°16	22°26	26° 4	10°10	3°58	2°58	17° 9	n.a.	T 20
F 21	19 42 52	24°15'27	4♐36	7°48	13°27	2° 3	4°17	0°13	22°27	26° 6	10°11	3°59	2°55	17°16	n.a.	F 21
S 22	19 46 48	25°13'11	17°11	9°33	14°41	2°41	4°30	0° 9	22°28	26° 8	10°13	4° 0	2°52	17°23	n.a.	S 22
S 23	19 50 45	26°10'57	0♑ 5	11°16	15°55	3°19	4°43	0° 6	22°29	26°10	10°15	4°R 1	2°49	17°29	n.a.	S 23
M24	19 54 42	27° 8'44	13°19	12°58	17° 9	3°58	4°56	0° 3	22°30	26°12	10°16	4° 1	2°46	17°36	n.a.	M24
T 25	19 58 38	28° 6'32	26°54	14°39	18°24	4°36	5° 9	29♒59	22°31	26°14	10°18	4° 0	2°42	17°43	n.a.	T 25
W26	20 2 35	29° 4'22	10♒47	16°18	19°38	5°14	5°22	29°55	22°32	26°16	10°20	3°57	2°39	17°50	n.a.	W26
T 27	20 6 31	0♌ 2'14	24°55	17°56	20°52	5°53	5°35	29°52	22°33	26°18	10°21	3°54	2°36	17°56	n.a.	T 27
F 28	20 10 28	1° 0'07	9♓13	19°33	22° 6	6°31	5°48	29°48	22°34	26°20	10°23	3°50	2°33	18° 3	n.a.	F 28
S 29	20 14 24	1°58'02	23°37	21° 8	23°20	7° 9	6° 1	29°44	22°35	26°22	10°25	3°46	2°30	18°10	n.a.	S 29
S 30	20 18 21	2°55'59	8♈ 1	22°42	24°34	7°47	6°14	29°40	22°37	26°24	10°26	3°43	2°27	18°16	n.a.	S 30
M31	20 22 17	3♌53'58	22♈21	24♌15	25♋49	8♋25	6♌27	29♒36	22♎38	26♌26	10♋28	3♑42	2♑23	18♎23	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n36	2s14	4n56	24n48	1n 7	23n 9	0s 4	23n56	0n41	21n12	0n51	13s11	2s 6	8s20	0n29	14n15	1n10	28n19	4n59	23s38	23s38	10s38		n.a.
S 2	23 34	3n37	5 14	24 56	1 14	23 18	0 2	23 59	0 41	21 9	0 51	13 12	2 6	8 20	0 29	14 15	1 10	28 19	4 59	23 38	23 38	10 40		n.a.
M 3	23 31	9 19	5 14	25 1	1 21	23 25	0n 1	24 3	0 42	21 6	0 51	13 13	2 6	8 20	0 29	14 14	1 10	28 19	4 59	23 38	23 39	10 43		n.a.
T 4	23 27	14 33	4 55	25 4	1 27	23 32	0 3	24 6	0 42	21 4	0 51	13 14	2 7	8 20	0 29	14 14	1 10	28 19	4 59	23 38	23 39	10 45		n.a.
W 5	23 24	18 58	4 17	25 4	1 32	23 39	0 6	24 9	0 43	21 1	0 51	13 14	2 7	8 20	0 29	14 13	1 10	28 19	4 59	23 38	23 39	10 48		n.a.
T 6	23 20	22 16	3 24	25 0	1 36	23 44	0 8	24 12	0 43	20 58	0 51	13 15	2 7	8 20	0 29	14 12	1 10	28 19	4 59	23 38	23 39	10 50		n.a.
F 7	23 15	24 11	2 19	24 55	1 40	23 49	0 11	24 15	0 44	20 55	0 51	13 16	2 7	8 20	0 29	14 12	1 10	28 19	4 59	23 38	23 39	10 52		n.a.
S 8	23 10	24 34	1 6	24 46	1 43	23 54	0 13	24 17	0 44	20 53	0 51	13 17	2 8	8 20	0 29	14 11	1 10	28 19	5 0	23 38	23 39	10 55		n.a.
S 9	23 5	23 25	0s 9	24 36	1 45	23 57	0 15	24 19	0 45	20 50	0 51	13 18	2 8	8 20	0 29	14 11	1 10	28 19	5 0	23 38	23 39	10 57		n.a.
M10	22 59	20 56	1 23	24 22	1 47	24 0	0 18	24 21	0 45	20 47	0 52	13 19	2 8	8 20	0 29	14 10	1 10	28 18	5 0	23 38	23 39	11 0		n.a.
T 11	22 53	17 23	2 31	24 7	1 48	24 2	0 20	24 23	0 46	20 44	0 52	13 21	2 8	8 20	0 29	14 9	1 10	28 18	5 0	23 38	23 39	11 2		n.a.
W12	22 46	13 5	3 29	23 49	1 48	24 3	0 23	24 25	0 46	20 41	0 52	13 22	2 9	8 21	0 29	14 9	1 10	28 18	5 0	23 38	23 39	11 5		n.a.
T 13	22 40	8 19	4 16	23 29	1 48	24 4	0 25	24 27	0 47	20 38	0 52	13 23	2 9	8 21	0 29	14 8	1 10	28 18	5 0	23 38	23 39	11 7		n.a.
F 14	22 32	3 19	4 49	23 8	1 47	24 4	0 27	24 28	0 47	20 35	0 52	13 24	2 9	8 21	0 29	14 7	1 10	28 18	5 0	23 38	23 39	11 10		n.a.
S 15	22 24	1s42	5 9	22 44	1 45	24 3	0 30	24 29	0 48	20 32	0 52	13 25	2 9	8 21	0 29	14 7	1 10	28 18	5 0	23 38	23 40	11 12		n.a.
S 16	22 16	6 36	5 16	22 19	1 43	24 2	0 32	24 30	0 48	20 29	0 52	13 26	2 10	8 22	0 29	14 6	1 10	28 18	5 0	23 38	23 40	11 15		n.a.
M17	22 8	11 14	5 8	21 53	1 40	23 59	0 34	24 31	0 49	20 26	0 52	13 28	2 10	8 22	0 29	14 6	1 10	28 18	5 0	23 38	23 40	11 17		n.a.
T 18	21 59	15 26	4 48	21 25	1 37	23 56	0 36	24 31	0 49	20 23	0 52	13 29	2 10	8 22	0 29	14 5	1 10	28 18	5 0	23 38	23 40	11 19		n.a.
W19	21 50	19 3	4 15	20 55	1 34	23 53	0 38	24 32	0 50	20 20	0 52	13 30	2 10	8 22	0 29	14 4	1 10	28 18	5 0	23 38	23 40	11 22		n.a.
T 20	21 40	21 55	3 30	20 25	1 30	23 48	0 41	24 32	0 50	20 17	0 52	13 32	2 10	8 23	0 29	14 4	1 10	28 18	5 1	23 38	23 40	11 24		n.a.
F 21	21 30	23 50	2 35	19 53	1 25	23 43	0 43	24 32	0 51	20 14	0 52	13 33	2 11	8 23	0 29	14 3	1 10	28 18	5 1	23 38	23 40	11 27		n.a.
S 22	21 19	24 35	1 31	19 21	1 20	23 37	0 45	24 32	0 51	20 11	0 52	13 34	2 11	8 23	0 29	14 2	1 10	28 18	5 1	23 38	23 40	11 29		n.a.
S 23	21 9	24 4	0 22	18 47	1 15	23 31	0 47	24 31	0 52	20 8	0 52	13 36	2 11	8 24	0 29	14 1	1 10	28 18	5 1	23 38	23 40	11 32		n.a.
M24	20 57	22 11	0n51	18 13	1 10	23 23	0 49	24 31	0 52	20 5	0 52	13 37	2 11	8 24	0 29	14 1	1 10	28 18	5 1	23 38	23 40	11 34		n.a.
T 25	20 46	19 0	2 2	17 38	1 4	23 15	0 51	24 30	0 53	20 2	0 52	13 39	2 11	8 25	0 29	14 0	1 10	28 18	5 1	23 38	23 40	11 36		n.a.
W26	20 34	14 42	3 8	17 2	0 58	23 7	0 53	24 29	0 53	19 59	0 52	13 40	2 12	8 25	0 29	13 59	1 10	28 18	5 1	23 38	23 40	11 39		n.a.
T 27	20 22	9 32	4 4	16 26	0 52	22 57	0 54	24 28	0 54	19 55	0 52	13 42	2 12	8 26	0 28	13 59	1 10	28 18	5 1	23 38	23 40	11 41		n.a.
F 28	20 9	3 49	4 45	15 50	0 45	22 47	0 56	24 26	0 54	19 52	0 52	13 43	2 12	8 26	0 28	13 58	1 10	28 18	5 1	23 39	23 40	11 44		n.a.
S 29	19 56	2n 8	5 8	15 12	0 38	22 37	0 58	24 25	0 55	19 49	0 52	13 45	2 12	8 27	0 28	13 57	1 10	28 18	5 2	23 39	23 41	11 46		n.a.
S 30	19 43	7 58	5 12	14 35	0 31	22 25	1 0	24 23	0 55	19 46	0 52	13 46	2 12	8 27	0 28	13 57	1 10	28 18	5 2	23 39	23 41	11 48		n.a.
M31	19n29	13n22	4n56	13n57	0n24	22n13	1n 1	24n21	0n56	19n43	0n52	13s48	2s12	8s28	0n28	13n56	1n10	28n18	5n 2	23s39	23s41	11s51		n.a.

Julian Day Number = 1707724.5, Delta T = 03h02m19s
Ecliptic obliquity = 23°41'59, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°34'50, Lahiri = - 4°27'50 Julian Calendar 1 July 38 BCE == Greg. Calendar 29 June 038 BCE

The year -37 astronomical counting style corresponds to year 038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 38 BCE
geocentric

AUGUST 38 BCE (-37) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 26 14	4♌51'59	6♉33	25♌46	27♋ 3	9♋ 3	6♌40	29°R32	22♎39	26♌28	10♋30	3°D41	2♑20	18♎30	n.a.	T 1
W 2	20 30 10	5°50'03	20°37	27°16	28°17	9°42	6°53	29♒28	22°41	26°30	10°31	3♑42	2°17	18°37	n.a.	W 2
T 3	20 34 7	6°48'08	4♊29	28°44	29°32	10°20	7° 6	29°24	22°42	26°33	10°33	3°43	2°14	18°43	n.a.	T 3
F 4	20 38 4	7°46'15	18°11	0♍12	0♌46	10°58	7°19	29°20	22°44	26°35	10°34	3°45	2°11	18°50	n.a.	F 4
S 5	20 42 0	8°44'25	1♋41	1°38	2° 1	11°36	7°32	29°16	22°46	26°37	10°36	3°R45	2° 8	18°57	n.a.	S 5
S 6	20 45 57	9°42'36	15° 0	3° 2	3°15	12°14	7°45	29°12	22°47	26°39	10°38	3°45	2° 4	19° 4	n.a.	S 6
M 7	20 49 53	10°40'50	28° 6	4°25	4°30	12°52	7°59	29° 7	22°49	26°41	10°39	3°43	2° 1	19°10	n.a.	M 7
T 8	20 53 50	11°39'05	11♌ 0	5°47	5°44	13°30	8°12	29° 3	22°51	26°43	10°41	3°38	1°58	19°17	n.a.	T 8
W 9	20 57 46	12°37'22	23°41	7° 7	6°59	14° 7	8°25	28°59	22°52	26°46	10°42	3°33	1°55	19°24	n.a.	W 9
T 10	21 1 43	13°35'41	6♍ 9	8°25	8°13	14°45	8°38	28°54	22°54	26°48	10°44	3°26	1°52	19°30	n.a.	T 10
F 11	21 5 39	14°34'01	18°25	9°42	9°28	15°23	8°51	28°50	22°56	26°50	10°45	3°18	1°48	19°37	n.a.	F 11
S 12	21 9 36	15°32'24	0♎30	10°58	10°43	16° 1	9° 4	28°45	22°58	26°52	10°47	3°11	1°45	19°44	n.a.	S 12
S 13	21 13 33	16°30'48	12°27	12°11	11°57	16°39	9°17	28°41	23° 0	26°54	10°48	3° 5	1°42	19°51	n.a.	S 13
M14	21 17 29	17°29'14	24°20	13°23	13°12	17°17	9°30	28°36	23° 2	26°57	10°50	3° 0	1°39	19°57	n.a.	M14
T 15	21 21 26	18°27'41	6♏11	14°33	14°27	17°54	9°43	28°32	23° 4	26°59	10°51	2°57	1°36	20° 4	n.a.	T 15
W16	21 25 22	19°26'11	18° 6	15°41	15°41	18°32	9°56	28°27	23° 6	27° 1	10°52	2°D56	1°33	20°11	n.a.	W16
T 17	21 29 19	20°24'42	0♐ 9	16°47	16°56	19°10	10° 9	28°22	23° 8	27° 3	10°54	2°57	1°29	20°17	n.a.	T 17
F 18	21 33 15	21°23'15	12°26	17°51	18°11	19°47	10°22	28°18	23°11	27° 5	10°55	2°58	1°26	20°24	n.a.	F 18
S 19	21 37 12	22°21'49	25° 2	18°52	19°25	20°25	10°35	28°13	23°13	27° 8	10°57	2°59	1°23	20°31	n.a.	S 19
S 20	21 41 8	23°20'26	8♑ 0	19°51	20°40	21° 3	10°48	28° 8	23°15	27°10	10°58	2°R59	1°20	20°38	n.a.	S 20
M21	21 45 5	24°19'04	21°23	20°47	21°55	21°40	11° 0	28° 4	23°17	27°12	10°59	2°58	1°17	20°44	n.a.	M21
T 22	21 49 2	25°17'44	5♒12	21°40	23°10	22°18	11°13	27°59	23°20	27°14	11° 1	2°54	1°14	20°51	n.a.	T 22
W23	21 52 58	26°16'26	19°26	22°31	24°25	22°55	11°26	27°54	23°22	27°17	11° 2	2°48	1°10	20°58	n.a.	W23
T 24	21 56 55	27°15'10	3♓59	23°17	25°40	23°33	11°39	27°50	23°25	27°19	11° 3	2°40	1° 7	21° 4	n.a.	T 24
F 25	22 0 51	28°13'56	18°45	24° 1	26°54	24°10	11°52	27°45	23°27	27°21	11° 5	2°32	1° 4	21°11	n.a.	F 25
S 26	22 4 48	29°12'45	3♈36	24°40	28° 9	24°48	12° 5	27°40	23°30	27°23	11° 6	2°23	1° 1	21°18	n.a.	S 26
S 27	22 8 44	0♍11'35	18°23	25°15	29°24	25°25	12°17	27°36	23°32	27°25	11° 7	2°16	0°58	21°25	n.a.	S 27
M28	22 12 41	1°10'28	2♉59	25°45	0♍39	26° 2	12°30	27°31	23°35	27°28	11° 8	2°11	0°54	21°31	n.a.	M28
T 29	22 16 37	2° 9'24	17°20	26°11	1°54	26°40	12°43	27°26	23°37	27°30	11°10	2° 8	0°51	21°38	n.a.	T 29
W30	22 20 34	3° 8'22	1♊23	26°31	3° 9	27°17	12°55	27°22	23°40	27°32	11°11	2°D 7	0°48	21°45	n.a.	W30
T 31	22 24 31	4♍ 7'22	15♊ 7	26♍46	4♍24	27♋54	13♌ 8	27♒17	23♎43	27♌34	11♋12	2♑ 7	0♑45	21♎51	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	19n15	17n59	4n23	13n19	0n16	22n 0	1n 3	24n19	0n56	19n39	0n53	13s49	2s13	8s28	0n28	13n55	1n10	28n18	5n 2	23s39	23s41	11s53			n.a.
W 2	19 1	21 32	3 34	12 41	0 8	21 47	1 4	24 17	0 57	19 36	0 53	13 51	2 13	8 29	0 28	13 54	1 10	28 18	5 2	23 39	23 41	11 56			n.a.
T 3	18 46	23 46	2 33	12 3	0 0	21 33	1 6	24 15	0 57	19 33	0 53	13 53	2 13	8 29	0 28	13 54	1 10	28 18	5 2	23 39	23 41	11 58			n.a.
F 4	18 32	24 34	1 24	11 24	0s 8	21 18	1 7	24 12	0 58	19 29	0 53	13 54	2 13	8 30	0 28	13 53	1 10	28 18	5 2	23 39	23 41	12 0			n.a.
S 5	18 16	23 53	0 11	10 46	0 16	21 3	1 9	24 9	0 58	19 26	0 53	13 56	2 13	8 31	0 28	13 52	1 10	28 18	5 2	23 39	23 41	12 3			n.a.
S 6	18 1	21 50	1s 1	10 8	0 24	20 47	1 10	24 6	0 59	19 23	0 53	13 58	2 13	8 31	0 28	13 51	1 10	28 18	5 3	23 39	23 41	12 5			n.a.
M 7	17 45	18 40	2 9	9 29	0 33	20 30	1 11	24 3	0 59	19 19	0 53	13 59	2 14	8 32	0 28	13 51	1 10	28 18	5 3	23 39	23 41	12 7			n.a.
T 8	17 29	14 38	3 8	8 51	0 41	20 13	1 13	24 0	1 0	19 16	0 53	14 1	2 14	8 33	0 28	13 50	1 10	28 18	5 3	23 39	23 41	12 10			n.a.
W 9	17 12	10 2	3 58	8 14	0 50	19 55	1 14	23 56	1 0	19 13	0 53	14 3	2 14	8 33	0 28	13 49	1 10	28 18	5 3	23 39	23 41	12 12			n.a.
T 10	16 55	5 6	4 35	7 36	0 58	19 37	1 15	23 52	1 0	19 9	0 53	14 4	2 14	8 34	0 28	13 48	1 10	28 18	5 3	23 39	23 41	12 14			n.a.
F 11	16 38	0 4	4 58	6 59	1 7	19 18	1 16	23 49	1 1	19 6	0 53	14 6	2 14	8 35	0 28	13 48	1 10	28 18	5 3	23 39	23 41	12 17			n.a.
S 12	16 21	4s54	5 8	6 22	1 16	18 58	1 17	23 45	1 1	19 3	0 53	14 8	2 14	8 35	0 28	13 47	1 10	28 18	5 3	23 40	23 41	12 19			n.a.
S 13	16 3	9 38	5 5	5 46	1 24	18 38	1 18	23 40	1 2	18 59	0 53	14 9	2 14	8 36	0 28	13 46	1 10	28 18	5 4	23 40	23 41	12 21			n.a.
M14	15 46	13 59	4 48	5 10	1 33	18 18	1 19	23 36	1 2	18 56	0 54	14 11	2 14	8 37	0 28	13 45	1 10	28 18	5 4	23 40	23 41	12 24			n.a.
T 15	15 27	17 47	4 19	4 35	1 42	17 57	1 20	23 31	1 3	18 52	0 54	14 13	2 15	8 38	0 28	13 45	1 10	28 18	5 4	23 40	23 41	12 26			n.a.
W16	15 9	20 54	3 38	4 0	1 51	17 35	1 20	23 27	1 3	18 49	0 54	14 14	2 15	8 39	0 28	13 44	1 10	28 18	5 4	23 40	23 41	12 28			n.a.
T 17	14 50	23 8	2 48	3 27	1 59	17 13	1 21	23 22	1 4	18 45	0 54	14 16	2 15	8 39	0 28	13 43	1 10	28 18	5 4	23 40	23 41	12 31			n.a.
F 18	14 32	24 20	1 48	2 54	2 8	16 50	1 22	23 17	1 4	18 42	0 54	14 18	2 15	8 40	0 28	13 42	1 10	28 18	5 4	23 40	23 42	12 33			n.a.
S 19	14 12	24 19	0 43	2 22	2 16	16 27	1 22	23 12	1 5	18 38	0 54	14 20	2 15	8 41	0 28	13 42	1 10	28 18	5 5	23 40	23 42	12 35			n.a.
S 20	13 53	23 0	0n27	1 51	2 25	16 4	1 23	23 6	1 5	18 35	0 54	14 21	2 15	8 42	0 28	13 41	1 10	28 18	5 5	23 40	23 42	12 38			n.a.
M21	13 34	20 23	1 37	1 21	2 33	15 40	1 23	23 1	1 6	18 31	0 54	14 23	2 15	8 43	0 28	13 40	1 10	28 18	5 5	23 40	23 42	12 40			n.a.
T 22	13 14	16 31	2 44	0 53	2 41	15 16	1 24	22 55	1 6	18 28	0 54	14 25	2 15	8 44	0 28	13 39	1 10	28 18	5 5	23 40	23 42	12 42			n.a.
W23	12 54	11 38	3 42	0 26	2 49	14 51	1 24	22 49	1 7	18 24	0 54	14 27	2 15	8 45	0 28	13 38	1 10	28 18	5 5	23 40	23 42	12 45			n.a.
T 24	12 33	6 0	4 28	0 0	2 56	14 25	1 24	22 43	1 7	18 21	0 54	14 28	2 15	8 46	0 28	13 38	1 10	28 18	5 5	23 40	23 42	12 47			n.a.
F 25	12 13	0n 2	4 56	0s24	3 3	14 0	1 24	22 37	1 7	18 17	0 55	14 30	2 15	8 47	0 28	13 37	1 10	28 18	5 6	23 41	23 42	12 49			n.a.
S 26	11 52	6 6	5 5	0 46	3 10	13 34	1 25	22 31	1 8	18 14	0 55	14 32	2 15	8 48	0 28	13 36	1 10	28 18	5 6	23 41	23 42	12 51			n.a.
S 27	11 32	11 47	4 53	1 6	3 16	13 7	1 25	22 24	1 8	18 10	0 55	14 33	2 15	8 49	0 28	13 35	1 10	28 18	5 6	23 41	23 42	12 54			n.a.
M28	11 10	16 44	4 22	1 23	3 22	12 41	1 25	22 18	1 9	18 7	0 55	14 35	2 16	8 50	0 28	13 35	1 10	28 18	5 6	23 41	23 42	12 56			n.a.
T 29	10 49	20 38	3 35	1 38	3 28	12 14	1 25	22 11	1 9	18 3	0 55	14 37	2 16	8 51	0 27	13 34	1 10	28 19	5 6	23 41	23 42	12 58			n.a.
W30	10 28	23 13	2 36	1 51	3 32	11 46	1 24	22 4	1 10	18 0	0 55	14 38	2 16	8 52	0 27	13 33	1 10	28 19	5 6	23 41	23 42	13 1			n.a.
T 31	10n 6	24n20	1n29	2s 0	3s36	11n18	1n24	21n57	1n10	17n56	0n55	14s40	2s16	8s53	0n27	13n32	1n10	28n19	5n 7	23s41	23s42	13s 3			n.a.

Julian Day Number = 1707755.5, Delta T = 03h02m18s
Ecliptic obliquity = 23°41'59, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°34'46, Lahiri = - 4°27'46 Julian Calendar 1 Aug. 38 BCE == Greg. Calendar 30 July 038 BCE

The year -37 astronomical counting style corresponds to year 038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 38 BCE
geocentric

SEPTEMBER 38 BCE (-37) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 28 27	5♍ 6'25	28♊34	26♍54	5♍39	28♋32	13♌21	27°R12	23♎45	27♌37	11♋13	2°R 7	0♑42	21♎58	n.a.	F 1
S 2	22 32 24	6° 5'30	11♋45	26°R56	6°54	29° 9	13°33	27♒ 8	23°48	27°39	11°14	2♑ 7	0°39	22° 5	n.a.	S 2
S 3	22 36 20	7° 4'37	24°43	26°51	8° 9	29°46	13°46	27° 3	23°51	27°41	11°15	2° 5	0°35	22°12	n.a.	S 3
M 4	22 40 17	8° 3'47	7♌29	26°39	9°24	0♌23	13°58	26°59	23°54	27°43	11°16	2° 0	0°32	22°18	n.a.	M 4
T 5	22 44 13	9° 2'59	20° 4	26°18	10°39	1° 0	14°11	26°54	23°57	27°45	11°17	1°52	0°29	22°25	n.a.	T 5
W 6	22 48 10	10° 2'13	2♍29	25°50	11°54	1°38	14°23	26°50	24° 0	27°48	11°18	1°42	0°26	22°32	n.a.	W 6
T 7	22 52 6	11° 1'30	14°45	25°15	13° 9	2°15	14°35	26°45	24° 3	27°50	11°19	1°29	0°23	22°38	n.a.	T 7
F 8	22 56 3	12° 0'48	26°52	24°31	14°24	2°52	14°48	26°41	24° 6	27°52	11°20	1°16	0°19	22°45	n.a.	F 8
S 9	22 59 59	13° 0'09	8♎52	23°40	15°40	3°29	15° 0	26°36	24° 9	27°54	11°21	1° 3	0°16	22°52	n.a.	S 9
S 10	23 3 56	13°59'31	20°46	22°43	16°55	4° 6	15°12	26°32	24°12	27°56	11°22	0°52	0°13	22°59	n.a.	S 10
M11	23 7 53	14°58'56	2♏37	21°39	18°10	4°43	15°24	26°27	24°15	27°59	11°23	0°42	0°10	23° 5	n.a.	M11
T 12	23 11 49	15°58'22	14°26	20°31	19°25	5°20	15°37	26°23	24°18	28° 1	11°24	0°35	0° 7	23°12	n.a.	T 12
W13	23 15 46	16°57'51	26°18	19°20	20°40	5°57	15°49	26°19	24°21	28° 3	11°25	0°31	0° 4	23°19	n.a.	W13
T 14	23 19 42	17°57'21	8♐18	18° 8	21°55	6°34	16° 1	26°15	24°24	28° 5	11°26	0°29	0° 0	23°25	n.a.	T 14
F 15	23 23 39	18°56'54	20°31	16°56	23°10	7°10	16°13	26°11	24°27	28° 7	11°27	0°D29	29♐57	23°32	n.a.	F 15
S 16	23 27 35	19°56'28	3♑ 2	15°48	24°26	7°47	16°25	26° 6	24°31	28° 9	11°28	0°R29	29°54	23°39	n.a.	S 16
S 17	23 31 32	20°56'04	15°57	14°44	25°41	8°24	16°36	26° 2	24°34	28°11	11°28	0°28	29°51	23°46	n.a.	S 17
M18	23 35 28	21°55'42	29°18	13°47	26°56	9° 1	16°48	25°58	24°37	28°13	11°29	0°26	29°48	23°52	n.a.	M18
T 19	23 39 25	22°55'21	13♒ 9	12°58	28°11	9°38	17° 0	25°55	24°40	28°15	11°30	0°21	29°45	23°59	n.a.	T 19
W20	23 43 22	23°55'03	27°30	12°20	29°26	10°14	17°12	25°51	24°44	28°18	11°31	0°13	29°41	24° 6	n.a.	W20
T 21	23 47 18	24°54'46	12♓16	11°51	0♎41	10°51	17°23	25°47	24°47	28°20	11°31	0° 3	29°38	24°12	n.a.	T 21
F 22	23 51 15	25°54'31	27°20	11°34	1°57	11°28	17°35	25°43	24°50	28°22	11°32	29♐51	29°35	24°19	n.a.	F 22
S 23	23 55 11	26°54'19	12♈33	11°D28	3°12	12° 4	17°46	25°39	24°54	28°24	11°33	29°40	29°32	24°26	n.a.	S 23
S 24	23 59 8	27°54'08	27°43	11°33	4°27	12°41	17°58	25°36	24°57	28°26	11°33	29°30	29°29	24°33	n.a.	S 24
M25	0 3 4	28°54'00	12♉41	11°49	5°42	13°17	18° 9	25°32	25° 1	28°28	11°34	29°22	29°25	24°39	n.a.	M25
T 26	0 7 1	29°53'54	27°18	12°15	6°57	13°54	18°20	25°29	25° 4	28°30	11°34	29°17	29°22	24°46	n.a.	T 26
W27	0 10 57	0♎53'51	11♊31	12°51	8°12	14°30	18°32	25°26	25° 8	28°32	11°35	29°15	29°19	24°53	n.a.	W27
T 28	0 14 54	1°53'50	25°19	13°35	9°28	15° 7	18°43	25°22	25°11	28°34	11°35	29°14	29°16	24°59	n.a.	T 28
F 29	0 18 51	2°53'51	8♋44	14°28	10°43	15°43	18°54	25°19	25°15	28°35	11°36	29°14	29°13	25° 6	n.a.	F 29
S 30	0 22 47	3♎53'54	21♋47	15♍27	11♎58	16♌20	19♌ 5	25♒16	25♎18	28♌37	11♋36	29♐13	29♐10	25♎13	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9n44	24n 0	0n19	2s 6	3s39	10n50	1n24	21n50	1n11	17n53	0n55	14s42	2s16	8s54	0n27	13n32	1n10	28n19	5n 7	23s41	23s42	13s 5		n.a.
S 2	9 23	22 19	0s51	2 9	3 41	10 22	1 24	21 43	1 11	17 49	0 55	14 43	2 16	8 55	0 27	13 31	1 10	28 19	5 7	23 41	23 42	13 7		n.a.
S 3	9 0	19 30	1 57	2 8	3 42	9 53	1 23	21 35	1 12	17 46	0 56	14 45	2 16	8 56	0 27	13 30	1 10	28 19	5 7	23 41	23 42	13 10		n.a.
M 4	8 38	15 46	2 56	2 3	3 42	9 24	1 23	21 28	1 12	17 42	0 56	14 46	2 16	8 57	0 27	13 29	1 10	28 19	5 7	23 41	23 42	13 12		n.a.
T 5	8 16	11 23	3 46	1 53	3 41	8 55	1 22	21 20	1 12	17 39	0 56	14 48	2 16	8 58	0 27	13 29	1 10	28 19	5 7	23 41	23 42	13 14		n.a.
W 6	7 53	6 36	4 23	1 39	3 37	8 26	1 22	21 12	1 13	17 35	0 56	14 50	2 16	8 59	0 27	13 28	1 10	28 19	5 8	23 41	23 42	13 16		n.a.
T 7	7 31	1 38	4 49	1 20	3 33	7 56	1 21	21 4	1 13	17 32	0 56	14 51	2 16	9 0	0 27	13 27	1 10	28 19	5 8	23 41	23 42	13 19		n.a.
F 8	7 8	3s20	5 0	0 57	3 26	7 26	1 20	20 56	1 14	17 28	0 56	14 53	2 16	9 1	0 27	13 26	1 10	28 19	5 8	23 42	23 42	13 21		n.a.
S 9	6 45	8 7	4 58	0 28	3 17	6 56	1 19	20 47	1 14	17 24	0 56	14 54	2 16	9 3	0 27	13 26	1 10	28 20	5 8	23 42	23 42	13 23		n.a.
S 10	6 22	12 34	4 43	0n 4	3 7	6 26	1 19	20 39	1 15	17 21	0 56	14 56	2 16	9 4	0 27	13 25	1 10	28 20	5 8	23 42	23 42	13 25		n.a.
M11	5 59	16 31	4 16	0 41	2 54	5 55	1 18	20 31	1 15	17 17	0 57	14 57	2 16	9 5	0 27	13 24	1 10	28 20	5 9	23 42	23 42	13 28		n.a.
T 12	5 35	19 49	3 38	1 21	2 40	5 25	1 17	20 22	1 16	17 14	0 57	14 59	2 16	9 6	0 27	13 23	1 10	28 20	5 9	23 42	23 42	13 30		n.a.
W13	5 12	22 18	2 50	2 4	2 24	4 54	1 16	20 13	1 16	17 10	0 57	15 0	2 16	9 7	0 27	13 23	1 10	28 20	5 9	23 42	23 42	13 32		n.a.
T 14	4 49	23 49	1 55	2 49	2 6	4 23	1 15	20 4	1 17	17 7	0 57	15 2	2 16	9 8	0 27	13 22	1 10	28 20	5 9	23 42	23 42	13 34		n.a.
F 15	4 25	24 14	0 53	3 34	1 47	3 52	1 14	19 55	1 17	17 3	0 57	15 3	2 15	9 10	0 27	13 21	1 10	28 20	5 9	23 42	23 42	13 36		n.a.
S 16	4 2	23 26	0n14	4 19	1 27	3 21	1 12	19 46	1 17	17 0	0 57	15 4	2 15	9 11	0 27	13 20	1 10	28 20	5 10	23 42	23 42	13 39		n.a.
S 17	3 38	21 24	1 21	5 3	1 7	2 49	1 11	19 37	1 18	16 57	0 57	15 6	2 15	9 12	0 27	13 20	1 10	28 20	5 10	23 42	23 42	13 41		n.a.
M18	3 14	18 8	2 26	5 44	0 46	2 18	1 10	19 27	1 18	16 53	0 58	15 7	2 15	9 13	0 27	13 19	1 10	28 21	5 10	23 42	23 42	13 43		n.a.
T 19	2 50	13 47	3 25	6 21	0 26	1 47	1 8	19 18	1 19	16 50	0 58	15 8	2 15	9 14	0 27	13 18	1 10	28 21	5 10	23 42	23 42	13 45		n.a.
W20	2 26	8 31	4 13	6 55	0 7	1 15	1 7	19 8	1 19	16 46	0 58	15 10	2 15	9 16	0 27	13 18	1 10	28 21	5 10	23 42	23 42	13 47		n.a.
T 21	2 3	2 38	4 46	7 23	0n12	0 43	1 6	18 59	1 20	16 43	0 58	15 11	2 15	9 17	0 27	13 17	1 10	28 21	5 11	23 42	23 42	13 50		n.a.
F 22	1 39	3n30	5 0	7 46	0 30	0 12	1 4	18 49	1 20	16 39	0 58	15 12	2 15	9 18	0 27	13 16	1 10	28 21	5 11	23 42	23 42	13 52		n.a.
S 23	1 15	9 29	4 53	8 3	0 46	0s20	1 3	18 39	1 21	16 36	0 58	15 13	2 15	9 20	0 27	13 16	1 10	28 21	5 11	23 42	23 42	13 54		n.a.
S 24	0 51	14 53	4 25	8 14	1 1	0 51	1 1	18 29	1 21	16 32	0 59	15 14	2 15	9 21	0 27	13 15	1 10	28 21	5 11	23 42	23 42	13 56		n.a.
M25	0 27	19 17	3 39	8 20	1 14	1 23	0 59	18 19	1 21	16 29	0 59	15 15	2 15	9 22	0 27	13 14	1 10	28 22	5 11	23 42	23 42	13 58		n.a.
T 26	0 2	22 22	2 40	8 21	1 25	1 55	0 58	18 9	1 22	16 26	0 59	15 17	2 15	9 23	0 27	13 13	1 10	28 22	5 12	23 42	23 42	14 0		n.a.
W27	0s22	23 56	1 32	8 16	1 35	2 26	0 56	17 58	1 22	16 22	0 59	15 18	2 15	9 25	0 27	13 13	1 10	28 22	5 12	23 42	23 42	14 3		n.a.
T 28	0 46	23 58	0 21	8 7	1 44	2 58	0 54	17 48	1 23	16 19	0 59	15 19	2 15	9 26	0 27	13 12	1 11	28 22	5 12	23 42	23 42	14 5		n.a.
F 29	1 10	22 35	0s50	7 53	1 51	3 29	0 52	17 37	1 23	16 16	0 59	15 20	2 14	9 27	0 27	13 12	1 11	28 22	5 12	23 42	23 42	14 7		n.a.
S 30	1s34	20n 0	1s56	7n35	1n57	4s 1	0n50	17n27	1n24	16n12	1n 0	15s21	2s14	9s29	0n27	13n11	1n11	28n22	5n13	23s42	23s42	14s 9		n.a.

Julian Day Number = 1707786.5, Delta T = 03h02m17s
Ecliptic obliquity = 23°41'59, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°34'42, Lahiri = - 4°27'42 Julian Calendar 1 Sept. 38 BCE == Greg. Calendar 30 Aug. 038 BCE

The year -37 astronomical counting style corresponds to year 038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 38 BCE
geocentric

OCTOBER 38 BCE (-37) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 26 44	4♎54'00	4♌33	16♍32	13♎13	16♌56	19♌16	25°R13	25♎22	28♌39	11♋37	29°R11	29♐ 6	25♎19	n.a.	S 1
M 2	0 30 40	5°54'08	17° 5	17°43	14°29	17°32	19°27	25♒10	25°25	28°41	11°37	29♐ 5	29° 3	25°26	n.a.	M 2
T 3	0 34 37	6°54'17	29°25	18°58	15°44	18° 8	19°37	25° 7	25°29	28°43	11°37	28°57	29° 0	25°33	n.a.	T 3
W 4	0 38 33	7°54'29	11♍37	20°18	16°59	18°45	19°48	25° 4	25°32	28°45	11°38	28°45	28°57	25°40	n.a.	W 4
T 5	0 42 30	8°54'43	23°42	21°40	18°14	19°21	19°58	25° 1	25°36	28°47	11°38	28°32	28°54	25°46	n.a.	T 5
F 6	0 46 26	9°54'59	5♎41	23° 6	19°29	19°57	20° 9	24°59	25°40	28°48	11°38	28°17	28°50	25°53	n.a.	F 6
S 7	0 50 23	10°55'17	17°36	24°34	20°45	20°33	20°19	24°56	25°43	28°50	11°39	28° 3	28°47	26° 0	n.a.	S 7
S 8	0 54 19	11°55'37	29°27	26° 4	22° 0	21° 9	20°30	24°54	25°47	28°52	11°39	27°50	28°44	26° 6	n.a.	S 8
M 9	0 58 16	12°55'58	11♏17	27°35	23°15	21°45	20°40	24°51	25°51	28°54	11°39	27°39	28°41	26°13	n.a.	M 9
T 10	1 2 13	13°56'21	23° 7	29° 8	24°30	22°21	20°50	24°49	25°54	28°55	11°39	27°31	28°38	26°20	n.a.	T 10
W11	1 6 9	14°56'46	5♐ 0	0♎42	25°46	22°57	21° 0	24°47	25°58	28°57	11°39	27°26	28°35	26°27	n.a.	W11
T 12	1 10 6	15°57'12	17° 0	2°16	27° 1	23°33	21°10	24°45	26° 2	28°59	11°40	27°24	28°31	26°33	n.a.	T 12
F 13	1 14 2	16°57'40	29°11	3°51	28°16	24° 9	21°20	24°43	26° 5	29° 0	11°40	27°D23	28°28	26°40	n.a.	F 13
S 14	1 17 59	17°58'09	11♑38	5°27	29°31	24°45	21°30	24°41	26° 9	29° 2	11°40	27°R24	28°25	26°47	n.a.	S 14
S 15	1 21 55	18°58'40	24°27	7° 3	0♏47	25°21	21°39	24°39	26°13	29° 4	11°40	27°24	28°22	26°53	n.a.	S 15
M16	1 25 52	19°59'12	7♒40	8°39	2° 2	25°56	21°49	24°38	26°16	29° 5	11°R40	27°22	28°19	27° 0	n.a.	M16
T 17	1 29 48	20°59'46	21°23	10°15	3°17	26°32	21°58	24°36	26°20	29° 7	11°40	27°19	28°16	27° 7	n.a.	T 17
W18	1 33 45	22° 0'20	5♓36	11°52	4°32	27° 8	22° 7	24°35	26°24	29° 8	11°40	27°13	28°12	27°13	n.a.	W18
T 19	1 37 42	23° 0'56	20°18	13°28	5°47	27°43	22°17	24°33	26°28	29°10	11°40	27° 4	28° 9	27°20	n.a.	T 19
F 20	1 41 38	24° 1'34	5♈22	15° 4	7° 3	28°19	22°26	24°32	26°31	29°11	11°40	26°55	28° 6	27°27	n.a.	F 20
S 21	1 45 35	25° 2'13	20°40	16°40	8°18	28°54	22°35	24°31	26°35	29°13	11°39	26°45	28° 3	27°34	n.a.	S 21
S 22	1 49 31	26° 2'53	6♉ 2	18°16	9°33	29°30	22°44	24°30	26°39	29°14	11°39	26°36	28° 0	27°40	n.a.	S 22
M23	1 53 28	27° 3'35	21°14	19°52	10°48	0♍ 5	22°52	24°29	26°43	29°16	11°39	26°29	27°56	27°47	n.a.	M23
T 24	1 57 24	28° 4'19	6♊ 7	21°28	12° 3	0°41	23° 1	24°28	26°46	29°17	11°39	26°25	27°53	27°54	n.a.	T 24
W25	2 1 21	29° 5'04	20°36	23° 4	13°18	1°16	23° 9	24°27	26°50	29°18	11°39	26°D24	27°50	28° 0	n.a.	W25
T 26	2 5 17	0♏ 5'51	4♋36	24°39	14°34	1°51	23°18	24°27	26°54	29°20	11°38	26°24	27°47	28° 7	n.a.	T 26
F 27	2 9 14	1° 6'40	18° 9	26°15	15°49	2°26	23°26	24°26	26°58	29°21	11°38	26°25	27°44	28°14	n.a.	F 27
S 28	2 13 11	2° 7'30	1♌16	27°50	17° 4	3° 2	23°34	24°26	27° 1	29°22	11°38	26°R25	27°41	28°21	n.a.	S 28
S 29	2 17 7	3° 8'22	14° 1	29°25	18°19	3°37	23°42	24°25	27° 5	29°23	11°38	26°25	27°37	28°27	n.a.	S 29
M30	2 21 4	4° 9'15	26°28	1♏ 0	19°34	4°12	23°50	24°25	27° 9	29°24	11°37	26°22	27°34	28°34	n.a.	M30
T 31	2 25 0	5♏10'10	8♍42	2♏35	20♏49	4♍47	23♌58	24°D25	27♎12	29♌26	11♋37	26♐17	27♐31	28♎41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1s58	16n30	2s55	7n13	2n 1	4s32	0n48	17n16	1n24	16n 9	1n 0	15s22	2s14	9s30	0n27	13n10	1n11	28n23	5n13	23s42	23s42	14s11		n.a.
M 2	2 22	12 20	3 44	6 48	2 4	5 3	0 46	17 5	1 25	16 6	1 0	15 23	2 14	9 31	0 27	13 10	1 11	28 23	5 13	23 42	23 42	14 13		n.a.
T 3	2 46	7 43	4 22	6 20	2 6	5 34	0 44	16 54	1 25	16 3	1 0	15 23	2 14	9 33	0 27	13 9	1 11	28 23	5 13	23 42	23 42	14 16		n.a.
W 4	3 10	2 52	4 47	5 50	2 7	6 6	0 42	16 43	1 25	15 59	1 0	15 24	2 14	9 34	0 27	13 8	1 11	28 23	5 13	23 42	23 42	14 18		n.a.
T 5	3 34	2s 2	4 59	5 17	2 7	6 36	0 40	16 32	1 26	15 56	1 0	15 25	2 14	9 35	0 27	13 8	1 11	28 23	5 14	23 41	23 42	14 20		n.a.
F 6	3 58	6 49	4 57	4 42	2 7	7 7	0 38	16 21	1 26	15 53	1 1	15 26	2 14	9 37	0 27	13 7	1 11	28 24	5 14	23 41	23 42	14 22		n.a.
S 7	4 22	11 19	4 43	4 6	2 5	7 38	0 36	16 10	1 27	15 50	1 1	15 27	2 14	9 38	0 27	13 7	1 11	28 24	5 14	23 41	23 42	14 24		n.a.
S 8	4 46	15 23	4 16	3 28	2 3	8 8	0 34	15 59	1 27	15 47	1 1	15 27	2 13	9 39	0 27	13 6	1 11	28 24	5 14	23 41	23 42	14 26		n.a.
M 9	5 10	18 50	3 38	2 49	2 1	8 39	0 32	15 47	1 28	15 44	1 1	15 28	2 13	9 41	0 27	13 5	1 11	28 24	5 14	23 41	23 42	14 28		n.a.
T 10	5 33	21 30	2 51	2 8	1 57	9 9	0 29	15 36	1 28	15 40	1 1	15 29	2 13	9 42	0 27	13 5	1 11	28 24	5 15	23 41	23 42	14 30		n.a.
W11	5 57	23 16	1 56	1 27	1 54	9 38	0 27	15 24	1 29	15 37	1 2	15 29	2 13	9 43	0 27	13 4	1 11	28 25	5 15	23 40	23 42	14 32		n.a.
T 12	6 21	23 58	0 55	0 46	1 50	10 8	0 25	15 13	1 29	15 34	1 2	15 30	2 13	9 45	0 27	13 4	1 11	28 25	5 15	23 40	23 41	14 35		n.a.
F 13	6 44	23 32	0n10	0 3	1 45	10 37	0 22	15 1	1 29	15 31	1 2	15 30	2 13	9 46	0 27	13 3	1 11	28 25	5 15	23 40	23 41	14 37		n.a.
S 14	7 7	21 56	1 15	0s39	1 40	11 7	0 20	14 49	1 30	15 28	1 2	15 31	2 13	9 47	0 27	13 3	1 11	28 25	5 16	23 40	23 41	14 39		n.a.
S 15	7 31	19 11	2 19	1 23	1 35	11 36	0 18	14 38	1 30	15 25	1 2	15 31	2 12	9 49	0 27	13 2	1 11	28 25	5 16	23 40	23 41	14 41		n.a.
M16	7 54	15 23	3 17	2 6	1 30	12 4	0 15	14 26	1 31	15 23	1 3	15 32	2 12	9 50	0 27	13 2	1 11	28 26	5 16	23 40	23 41	14 43		n.a.
T 17	8 17	10 38	4 6	2 49	1 24	12 32	0 13	14 14	1 31	15 20	1 3	15 32	2 12	9 52	0 27	13 1	1 11	28 26	5 16	23 40	23 41	14 45		n.a.
W18	8 40	5 11	4 42	3 33	1 18	13 0	0 11	14 2	1 32	15 17	1 3	15 32	2 12	9 53	0 27	13 1	1 11	28 26	5 16	23 40	23 41	14 47		n.a.
T 19	9 2	0n44	5 1	4 16	1 12	13 28	0 8	13 50	1 32	15 14	1 3	15 33	2 12	9 54	0 27	13 0	1 11	28 26	5 17	23 40	23 41	14 49		n.a.
F 20	9 25	6 44	5 0	4 59	1 6	13 55	0 6	13 38	1 33	15 11	1 4	15 33	2 12	9 56	0 27	13 0	1 11	28 26	5 17	23 40	23 41	14 51		n.a.
S 21	9 48	12 26	4 38	5 42	0 59	14 22	0 3	13 26	1 33	15 8	1 4	15 33	2 11	9 57	0 27	12 59	1 11	28 27	5 17	23 40	23 41	14 53		n.a.
S 22	10 10	17 22	3 55	6 25	0 53	14 49	0 1	13 14	1 33	15 6	1 4	15 34	2 11	9 58	0 27	12 59	1 11	28 27	5 17	23 39	23 41	14 55		n.a.
M23	10 32	21 6	2 56	7 8	0 47	15 15	0s 2	13 1	1 34	15 3	1 4	15 34	2 11	10 0	0 27	12 58	1 11	28 27	5 17	23 39	23 41	14 57		n.a.
T 24	10 54	23 18	1 46	7 51	0 40	15 41	0 4	12 49	1 34	15 0	1 4	15 34	2 11	10 1	0 27	12 58	1 12	28 27	5 18	23 39	23 41	14 59		n.a.
W25	11 16	23 53	0 31	8 33	0 33	16 7	0 7	12 37	1 35	14 58	1 5	15 34	2 11	10 2	0 27	12 57	1 12	28 28	5 18	23 39	23 41	15 2		n.a.
T 26	11 38	22 53	0s44	9 14	0 27	16 32	0 9	12 25	1 35	14 55	1 5	15 34	2 11	10 4	0 27	12 57	1 12	28 28	5 18	23 39	23 41	15 4		n.a.
F 27	11 59	20 34	1 54	9 56	0 20	16 56	0 12	12 12	1 36	14 53	1 5	15 34	2 10	10 5	0 27	12 57	1 12	28 28	5 18	23 39	23 41	15 6		n.a.
S 28	12 20	17 14	2 56	10 36	0 13	17 20	0 14	12 0	1 36	14 50	1 5	15 34	2 10	10 7	0 27	12 56	1 12	28 28	5 19	23 39	23 41	15 8		n.a.
S 29	12 42	13 11	3 47	11 17	0 7	17 44	0 17	11 47	1 37	14 48	1 6	15 34	2 10	10 8	0 27	12 56	1 12	28 29	5 19	23 39	23 41	15 10		n.a.
M30	13 3	8 39	4 26	11 57	0 0	18 7	0 19	11 35	1 37	14 45	1 6	15 34	2 10	10 9	0 27	12 55	1 12	28 29	5 19	23 39	23 41	15 12		n.a.
T 31	13s23	3n53	4s52	12s36	0s 6	18s30	0s22	11n22	1n37	14n43	1n 6	15s34	2s10	10s11	0n27	12n55	1n12	28n29	5n19	23s39	23s41	15s14		n.a.

Julian Day Number = 1707816.5, Delta T = 03h02m16s
Ecliptic obliquity = 23°41'59, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°34'38, Lahiri = - 4°27'37 Julian Calendar 1 Oct. 38 BCE == Greg. Calendar 29 Sept. 038 BCE

The year -37 astronomical counting style corresponds to year 038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 38 BCE
geocentric

NOVEMBER 38 BCE (-37) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 28 57	6♏11'06	20♍45	4♏ 9	22♏ 4	5♍22	24♌ 5	24♒25	27♎16	29♌27	11°R36	26°R10	27♐28	28♎47	n.a.	W 1
T 2	2 32 53	7°12'04	2♎43	5°44	23°20	5°57	24°13	24°25	27°20	29°28	11♋36	26♐ 1	27°25	28°54	n.a.	T 2
F 3	2 36 50	8°13'03	14°36	7°18	24°35	6°32	24°20	24°26	27°23	29°29	11°35	25°51	27°22	29° 1	n.a.	F 3
S 4	2 40 46	9°14'03	26°27	8°53	25°50	7° 6	24°27	24°26	27°27	29°30	11°35	25°41	27°18	29° 7	n.a.	S 4
S 5	2 44 43	10°15'04	8♏17	10°27	27° 5	7°41	24°34	24°26	27°31	29°31	11°34	25°32	27°15	29°14	n.a.	S 5
M 6	2 48 40	11°16'06	20°10	12° 2	28°20	8°16	24°41	24°27	27°35	29°32	11°34	25°25	27°12	29°21	n.a.	M 6
T 7	2 52 36	12°17'10	2♐ 5	13°36	29°35	8°50	24°48	24°28	27°38	29°33	11°33	25°20	27° 9	29°28	n.a.	T 7
W 8	2 56 33	13°18'14	14° 5	15°10	0♐50	9°25	24°55	24°29	27°42	29°34	11°33	25°17	27° 6	29°34	n.a.	W 8
T 9	3 0 29	14°19'19	26°12	16°44	2° 5	9°59	25° 1	24°29	27°45	29°35	11°32	25°D17	27° 2	29°41	n.a.	T 9
F 10	3 4 26	15°20'25	8♑29	18°19	3°20	10°34	25° 8	24°30	27°49	29°36	11°31	25°17	26°59	29°48	n.a.	F 10
S 11	3 8 22	16°21'32	21° 0	19°53	4°36	11° 8	25°14	24°32	27°53	29°36	11°31	25°19	26°56	29°54	n.a.	S 11
S 12	3 12 19	17°22'39	3♒48	21°28	5°51	11°42	25°20	24°33	27°56	29°37	11°30	25°20	26°53	0♏ 1	n.a.	S 12
M13	3 16 15	18°23'46	16°57	23° 2	7° 6	12°17	25°26	24°34	28° 0	29°38	11°29	25°R21	26°50	0° 8	n.a.	M13
T 14	3 20 12	19°24'54	0♓30	24°36	8°21	12°51	25°31	24°36	28° 3	29°39	11°29	25°21	26°47	0°14	n.a.	T 14
W15	3 24 9	20°26'03	14°29	26°11	9°36	13°25	25°37	24°37	28° 7	29°39	11°28	25°18	26°43	0°21	n.a.	W15
T 16	3 28 5	21°27'11	28°54	27°46	10°51	13°59	25°42	24°39	28°10	29°40	11°27	25°15	26°40	0°28	n.a.	T 16
F 17	3 32 2	22°28'20	13♈41	29°21	12° 6	14°33	25°47	24°41	28°14	29°41	11°26	25°10	26°37	0°35	n.a.	F 17
S 18	3 35 58	23°29'30	28°45	0♐55	13°21	15° 7	25°53	24°42	28°17	29°41	11°25	25° 5	26°34	0°41	n.a.	S 18
S 19	3 39 55	24°30'40	13♉57	2°30	14°36	15°40	25°57	24°44	28°21	29°42	11°25	25° 1	26°31	0°48	n.a.	S 19
M20	3 43 51	25°31'51	29° 6	4° 5	15°51	16°14	26° 2	24°47	28°24	29°42	11°24	24°58	26°28	0°55	n.a.	M20
T 21	3 47 48	26°33'02	14♊ 3	5°40	17° 6	16°48	26° 7	24°49	28°28	29°43	11°23	24°56	26°24	1° 1	n.a.	T 21
W22	3 51 44	27°34'13	28°40	7°16	18°21	17°21	26°11	24°51	28°31	29°43	11°22	24°D55	26°21	1° 8	n.a.	W22
T 23	3 55 41	28°35'26	12♋51	8°51	19°35	17°55	26°15	24°53	28°34	29°44	11°21	24°56	26°18	1°15	n.a.	T 23
F 24	3 59 38	29°36'38	26°35	10°26	20°50	18°28	26°19	24°56	28°38	29°44	11°20	24°58	26°15	1°21	n.a.	F 24
S 25	4 3 34	0♐37'52	9♌52	12° 1	22° 5	19° 1	26°23	24°58	28°41	29°44	11°19	24°59	26°12	1°28	n.a.	S 25
S 26	4 7 31	1°39'06	22°44	13°37	23°20	19°35	26°27	25° 1	28°44	29°45	11°18	25° 0	26° 8	1°35	n.a.	S 26
M27	4 11 27	2°40'20	5♍15	15°12	24°35	20° 8	26°30	25° 4	28°48	29°45	11°17	25°R 1	26° 5	1°42	n.a.	M27
T 28	4 15 24	3°41'35	17°29	16°47	25°50	20°41	26°34	25° 7	28°51	29°45	11°16	25° 0	26° 2	1°48	n.a.	T 28
W29	4 19 20	4°42'50	29°31	18°21	27° 5	21°14	26°37	25°10	28°54	29°45	11°15	24°58	25°59	1°55	n.a.	W29
T 30	4 23 17	5♐44'06	11♎25	19♐55	28♐20	21♍47	26♌40	25♒13	28♎57	29♌46	11♋14	24♐56	25♐56	2♏ 2	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13s44	0s58	5s 5	13s15	0s13	18s52	0s24	11n10	1n38	14n41	1n 6	15s33	2s10	10s12	0n27	12n55	1n12	28n29	5n19	23s39	23s40	15s16		n.a.
T 2	14 4	5 44	5 5	13 53	0 20	19 14	0 26	10 57	1 38	14 38	1 7	15 33	2 9	10 13	0 27	12 54	1 12	28 29	5 20	23 38	23 40	15 18		n.a.
F 3	14 24	10 16	4 51	14 30	0 26	19 35	0 29	10 44	1 39	14 36	1 7	15 33	2 9	10 15	0 26	12 54	1 12	28 30	5 20	23 38	23 40	15 20		n.a.
S 4	14 44	14 24	4 24	15 7	0 32	19 56	0 31	10 32	1 39	14 34	1 7	15 33	2 9	10 16	0 26	12 54	1 12	28 30	5 20	23 38	23 40	15 22		n.a.
S 5	15 3	17 59	3 46	15 44	0 39	20 16	0 34	10 19	1 40	14 32	1 7	15 32	2 9	10 17	0 26	12 53	1 12	28 30	5 20	23 37	23 40	15 24		n.a.
M 6	15 22	20 50	2 58	16 19	0 45	20 35	0 36	10 6	1 40	14 30	1 8	15 32	2 9	10 19	0 26	12 53	1 12	28 30	5 20	23 37	23 40	15 26		n.a.
T 7	15 41	22 48	2 2	16 54	0 51	20 54	0 39	9 54	1 41	14 28	1 8	15 32	2 9	10 20	0 26	12 53	1 12	28 31	5 21	23 37	23 40	15 28		n.a.
W 8	16 0	23 44	1 0	17 28	0 57	21 13	0 41	9 41	1 41	14 26	1 8	15 31	2 8	10 21	0 26	12 52	1 12	28 31	5 21	23 37	23 40	15 30		n.a.
T 9	16 19	23 34	0n 5	18 1	1 3	21 31	0 43	9 28	1 41	14 24	1 8	15 31	2 8	10 23	0 26	12 52	1 12	28 31	5 21	23 37	23 40	15 32		n.a.
F 10	16 37	22 14	1 11	18 33	1 8	21 48	0 46	9 15	1 42	14 22	1 9	15 30	2 8	10 24	0 26	12 52	1 12	28 31	5 21	23 37	23 40	15 34		n.a.
S 11	16 55	19 49	2 15	19 5	1 14	22 4	0 48	9 2	1 42	14 20	1 9	15 30	2 8	10 25	0 26	12 52	1 12	28 32	5 21	23 37	23 40	15 36		n.a.
S 12	17 12	16 22	3 14	19 36	1 19	22 20	0 50	8 50	1 43	14 18	1 9	15 29	2 8	10 27	0 26	12 51	1 12	28 32	5 22	23 37	23 40	15 38		n.a.
M13	17 29	12 2	4 5	20 5	1 24	22 35	0 52	8 37	1 43	14 16	1 9	15 28	2 8	10 28	0 26	12 51	1 12	28 32	5 22	23 37	23 40	15 40		n.a.
T 14	17 46	7 0	4 43	20 34	1 29	22 50	0 54	8 24	1 44	14 15	1 10	15 28	2 7	10 29	0 26	12 51	1 13	28 33	5 22	23 37	23 40	15 41		n.a.
W15	18 3	1 28	5 7	21 2	1 34	23 4	0 57	8 11	1 44	14 13	1 10	15 27	2 7	10 30	0 26	12 51	1 13	28 33	5 22	23 37	23 39	15 43		n.a.
T 16	18 19	4n18	5 11	21 28	1 39	23 17	0 59	7 58	1 45	14 11	1 10	15 26	2 7	10 32	0 26	12 51	1 13	28 33	5 22	23 37	23 39	15 45		n.a.
F 17	18 35	9 59	4 56	21 54	1 43	23 30	1 1	7 46	1 45	14 10	1 11	15 26	2 7	10 33	0 26	12 50	1 13	28 33	5 23	23 37	23 39	15 47		n.a.
S 18	18 51	15 11	4 20	22 19	1 47	23 41	1 3	7 33	1 45	14 8	1 11	15 25	2 7	10 34	0 26	12 50	1 13	28 34	5 23	23 36	23 39	15 49		n.a.
S 19	19 6	19 28	3 26	22 42	1 51	23 52	1 5	7 20	1 46	14 7	1 11	15 24	2 6	10 35	0 26	12 50	1 13	28 34	5 23	23 36	23 39	15 51		n.a.
M20	19 21	22 24	2 17	23 4	1 54	24 3	1 7	7 7	1 46	14 6	1 11	15 23	2 6	10 37	0 27	12 50	1 13	28 34	5 23	23 36	23 39	15 53		n.a.
T 21	19 36	23 43	0 59	23 25	1 58	24 13	1 9	6 54	1 47	14 4	1 12	15 22	2 6	10 38	0 27	12 50	1 13	28 34	5 23	23 36	23 39	15 55		n.a.
W22	19 50	23 21	0s21	23 44	2 1	24 21	1 11	6 41	1 47	14 3	1 12	15 21	2 6	10 39	0 27	12 50	1 13	28 35	5 23	23 36	23 39	15 57		n.a.
T 23	20 4	21 28	1 37	24 3	2 3	24 30	1 13	6 29	1 48	14 2	1 12	15 20	2 6	10 40	0 27	12 50	1 13	28 35	5 24	23 36	23 39	15 59		n.a.
F 24	20 17	18 22	2 45	24 19	2 6	24 37	1 15	6 16	1 48	14 1	1 12	15 19	2 6	10 41	0 27	12 50	1 13	28 35	5 24	23 36	23 39	16 1		n.a.
S 25	20 30	14 24	3 43	24 35	2 7	24 44	1 16	6 3	1 49	14 0	1 13	15 18	2 5	10 43	0 27	12 49	1 13	28 35	5 24	23 36	23 39	16 3		n.a.
S 26	20 43	9 53	4 27	24 49	2 9	24 50	1 18	5 50	1 49	13 59	1 13	15 17	2 5	10 44	0 27	12 49	1 13	28 36	5 24	23 36	23 39	16 5		n.a.
M27	20 55	5 5	4 57	25 1	2 10	24 55	1 20	5 37	1 49	13 58	1 13	15 16	2 5	10 45	0 27	12 49	1 13	28 36	5 24	23 36	23 38	16 7		n.a.
T 28	21 7	0 13	5 12	25 12	2 11	24 59	1 21	5 25	1 50	13 57	1 14	15 15	2 5	10 46	0 27	12 49	1 13	28 36	5 24	23 36	23 38	16 8		n.a.
W29	21 19	4s36	5 14	25 21	2 11	25 3	1 23	5 12	1 50	13 56	1 14	15 14	2 5	10 47	0 27	12 49	1 13	28 36	5 25	23 36	23 38	16 10		n.a.
T 30	21s30	9s11	5s 2	25s29	2s10	25s 6	1s24	4n59	1n51	13n55	1n14	15s12	2s 5	10s48	0n27	12n49	1n13	28n37	5n25	23s36	23s38	16s12		n.a.

Julian Day Number = 1707847.5, Delta T = 03h02m15s
Ecliptic obliquity = 23°41'58, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°34'34, Lahiri = - 4°27'33 Julian Calendar 1 Nov. 38 BCE == Greg. Calendar 30 Oct. 038 BCE

The year -37 astronomical counting style corresponds to year 038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 38 BCE
geocentric

DECEMBER 38 BCE (-37) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 27 14	6♐45'22	23♎16	21♐29	29♐34	22♍19	26♌43	25♒16	29♎ 1	29♌46	11°R13	24°R53	25♐53	2♏ 8	n.a.	F 1
S 2	4 31 10	7°46'38	5♏ 6	23° 2	0♑49	22°52	26°45	25°19	29° 4	29°46	11♋12	24♐50	25°49	2°15	n.a.	S 2
S 3	4 35 7	8°47'55	16°58	24°34	2° 4	23°25	26°48	25°23	29° 7	29°46	11°11	24°47	25°46	2°22	n.a.	S 3
M 4	4 39 3	9°49'11	28°55	26° 6	3°19	23°57	26°50	25°26	29°10	29°46	11°10	24°45	25°43	2°28	n.a.	M 4
T 5	4 43 0	10°50'28	10♐59	27°36	4°34	24°29	26°52	25°30	29°13	29°R46	11° 8	24°44	25°40	2°35	n.a.	T 5
W 6	4 46 56	11°51'44	23°11	29° 4	5°48	25° 2	26°54	25°34	29°16	29°46	11° 7	24°D43	25°37	2°42	n.a.	W 6
T 7	4 50 53	12°53'01	5♑32	0♑30	7° 3	25°34	26°56	25°37	29°19	29°46	11° 6	24°43	25°33	2°49	n.a.	T 7
F 8	4 54 49	13°54'17	18° 5	1°55	8°18	26° 6	26°57	25°41	29°22	29°46	11° 5	24°44	25°30	2°55	n.a.	F 8
S 9	4 58 46	14°55'32	0♒50	3°16	9°32	26°38	26°58	25°45	29°25	29°46	11° 4	24°45	25°27	3° 2	n.a.	S 9
S 10	5 2 43	15°56'47	13°49	4°34	10°47	27°10	27° 0	25°49	29°28	29°45	11° 2	24°46	25°24	3° 9	n.a.	S 10
M11	5 6 39	16°58'02	27° 4	5°49	12° 2	27°41	27° 0	25°53	29°30	29°45	11° 1	24°47	25°21	3°15	n.a.	M11
T 12	5 10 36	17°59'16	10♓37	6°59	13°16	28°13	27° 1	25°58	29°33	29°45	11° 0	24°47	25°18	3°22	n.a.	T 12
W13	5 14 32	19° 0'29	24°27	8° 4	14°31	28°44	27° 2	26° 2	29°36	29°45	10°59	24°R47	25°14	3°29	n.a.	W13
T 14	5 18 29	20° 1'41	8♈36	9° 2	15°45	29°16	27° 2	26° 6	29°39	29°44	10°57	24°47	25°11	3°35	n.a.	T 14
F 15	5 22 25	21° 2'53	23° 1	9°54	17° 0	29°47	27°R 2	26°11	29°41	29°44	10°56	24°46	25° 8	3°42	n.a.	F 15
S 16	5 26 22	22° 4'04	7♉40	10°39	18°14	0♎18	27° 2	26°15	29°44	29°44	10°55	24°46	25° 5	3°49	n.a.	S 16
S 17	5 30 18	23° 5'14	22°26	11°14	19°29	0°49	27° 2	26°20	29°47	29°43	10°54	24°46	25° 2	3°55	n.a.	S 17
M18	5 34 15	24° 6'24	7♊14	11°41	20°43	1°20	27° 1	26°25	29°49	29°43	10°52	24°46	24°59	4° 2	n.a.	M18
T 19	5 38 12	25° 7'33	21°55	11°57	21°58	1°50	27° 1	26°29	29°52	29°42	10°51	24°46	24°55	4° 9	n.a.	T 19
W20	5 42 8	26° 8'41	6♋24	12°R 2	23°12	2°21	27° 0	26°34	29°54	29°42	10°50	24°46	24°52	4°16	n.a.	W20
T 21	5 46 5	27° 9'48	20°34	11°56	24°27	2°51	26°59	26°39	29°57	29°41	10°48	24°46	24°49	4°22	n.a.	T 21
F 22	5 50 1	28°10'55	4♌22	11°38	25°41	3°22	26°58	26°44	29°59	29°41	10°47	24°45	24°46	4°29	n.a.	F 22
S 23	5 53 58	29°12'01	17°45	11° 8	26°55	3°52	26°56	26°49	0♏ 1	29°40	10°46	24°45	24°43	4°36	n.a.	S 23
S 24	5 57 54	0♑13'07	0♍44	10°27	28° 9	4°22	26°55	26°55	0° 4	29°39	10°44	24°44	24°39	4°42	n.a.	S 24
M25	6 1 51	1°14'12	13°21	9°36	29°24	4°52	26°53	27° 0	0° 6	29°39	10°43	24°44	24°36	4°49	n.a.	M25
T 26	6 5 48	2°15'16	25°40	8°37	0♒38	5°21	26°51	27° 5	0° 8	29°38	10°41	24°43	24°33	4°56	n.a.	T 26
W27	6 9 44	3°16'20	7♎44	7°30	1°52	5°51	26°49	27°11	0°10	29°37	10°40	24°D43	24°30	5° 2	n.a.	W27
T 28	6 13 41	4°17'23	19°39	6°17	3° 6	6°20	26°47	27°16	0°13	29°37	10°39	24°44	24°27	5° 9	n.a.	T 28
F 29	6 17 37	5°18'25	1♏30	5° 2	4°20	6°49	26°44	27°22	0°15	29°36	10°37	24°44	24°24	5°16	n.a.	F 29
S 30	6 21 34	6°19'27	13°20	3°47	5°34	7°18	26°41	27°27	0°17	29°35	10°36	24°46	24°20	5°22	n.a.	S 30
S 31	6 25 30	7♑20'28	25♏14	2♑32	6♒48	7♎47	26♌38	27♒33	0♏19	29♌34	10♋35	24♐47	24♐17	5♏29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21 s40	13 s25	4 s38	25 s34	2 s 9	25 s 8	1 s26	4n47	1n51	13n55	1n15	15 s11	2 s 4	10 s50	0n27	12n49	1n13	28n37	5n25	23 s36	23 s38	16 s14		n.a.
S 2	21 51	17 8	4 1	25 39	2 8	25 9	1 27	4 34	1 52	13 54	1 15	15 10	2 4	10 51	0 27	12 49	1 13	28 37	5 25	23 36	23 38	16 16		n.a.
S 3	22 0	20 11	3 14	25 41	2 6	25 10	1 29	4 21	1 52	13 53	1 15	15 9	2 4	10 52	0 27	12 49	1 13	28 37	5 25	23 36	23 38	16 18		n.a.
M 4	22 10	22 23	2 18	25 41	2 3	25 9	1 30	4 9	1 53	13 53	1 15	15 7	2 4	10 53	0 27	12 49	1 14	28 38	5 25	23 36	23 38	16 20		n.a.
T 5	22 19	23 35	1 15	25 40	1 59	25 8	1 31	3 56	1 53	13 52	1 16	15 6	2 4	10 54	0 27	12 49	1 14	28 38	5 26	23 36	23 38	16 22		n.a.
W 6	22 27	23 40	0 9	25 37	1 55	25 6	1 32	3 44	1 53	13 52	1 16	15 4	2 4	10 55	0 27	12 49	1 14	28 38	5 26	23 36	23 38	16 23		n.a.
T 7	22 35	22 35	1n 0	25 32	1 50	25 4	1 33	3 31	1 54	13 52	1 16	15 3	2 3	10 56	0 27	12 50	1 14	28 38	5 26	23 36	23 37	16 25		n.a.
F 8	22 43	20 23	2 6	25 25	1 44	25 0	1 34	3 19	1 54	13 52	1 17	15 2	2 3	10 57	0 27	12 50	1 14	28 39	5 26	23 36	23 37	16 27		n.a.
S 9	22 50	17 9	3 7	25 17	1 37	24 56	1 35	3 6	1 55	13 51	1 17	15 0	2 3	10 58	0 27	12 50	1 14	28 39	5 26	23 36	23 37	16 29		n.a.
S 10	22 57	13 2	4 0	25 6	1 29	24 51	1 36	2 54	1 55	13 51	1 17	14 59	2 3	10 59	0 27	12 50	1 14	28 39	5 26	23 36	23 37	16 31		n.a.
M11	23 3	8 13	4 41	24 55	1 21	24 46	1 37	2 42	1 56	13 51	1 18	14 57	2 3	11 0	0 27	12 50	1 14	28 39	5 26	23 36	23 37	16 33		n.a.
T 12	23 9	2 55	5 8	24 41	1 11	24 39	1 38	2 29	1 56	13 51	1 18	14 55	2 3	11 1	0 27	12 50	1 14	28 40	5 27	23 36	23 37	16 34		n.a.
W13	23 14	2n37	5 17	24 27	1 0	24 32	1 39	2 17	1 56	13 51	1 18	14 54	2 3	11 2	0 27	12 50	1 14	28 40	5 27	23 36	23 37	16 36		n.a.
T 14	23 19	8 9	5 8	24 11	0 48	24 24	1 39	2 5	1 57	13 52	1 18	14 52	2 2	11 3	0 27	12 50	1 14	28 40	5 27	23 36	23 37	16 38		n.a.
F 15	23 24	13 22	4 40	23 54	0 35	24 15	1 40	1 53	1 57	13 52	1 19	14 50	2 2	11 4	0 27	12 51	1 14	28 40	5 27	23 36	23 37	16 40		n.a.
S 16	23 28	17 53	3 53	23 36	0 20	24 6	1 40	1 41	1 58	13 52	1 19	14 49	2 2	11 5	0 27	12 51	1 14	28 41	5 27	23 36	23 36	16 42		n.a.
S 17	23 31	21 19	2 50	23 18	0 5	23 56	1 41	1 29	1 58	13 52	1 19	14 47	2 2	11 6	0 27	12 51	1 14	28 41	5 27	23 36	23 36	16 44		n.a.
M18	23 34	23 20	1 36	22 59	0n11	23 45	1 41	1 17	1 59	13 53	1 20	14 45	2 2	11 7	0 27	12 51	1 14	28 41	5 27	23 36	23 36	16 45		n.a.
T 19	23 36	23 43	0 16	22 41	0 29	23 33	1 41	1 5	1 59	13 53	1 20	14 43	2 2	11 8	0 27	12 51	1 14	28 41	5 27	23 36	23 36	16 47		n.a.
W20	23 39	22 28	1 s 4	22 22	0 47	23 21	1 41	0 53	2 0	13 54	1 20	14 42	2 2	11 9	0 27	12 52	1 14	28 42	5 28	23 36	23 36	16 49		n.a.
T 21	23 40	19 49	2 19	22 4	1 5	23 8	1 42	0 41	2 0	13 55	1 21	14 40	2 1	11 9	0 27	12 52	1 14	28 42	5 28	23 36	23 36	16 51		n.a.
F 22	23 41	16 6	3 23	21 47	1 24	22 54	1 42	0 29	2 0	13 55	1 21	14 38	2 1	11 10	0 27	12 52	1 14	28 42	5 28	23 36	23 36	16 52		n.a.
S 23	23 42	11 39	4 14	21 31	1 43	22 40	1 42	0 18	2 1	13 56	1 21	14 36	2 1	11 11	0 27	12 52	1 14	28 42	5 28	23 36	23 36	16 54		n.a.
S 24	23 42	6 49	4 50	21 15	2 2	22 25	1 42	0 6	2 1	13 57	1 21	14 34	2 1	11 12	0 27	12 53	1 15	28 42	5 28	23 36	23 35	16 56		n.a.
M25	23 42	1 50	5 11	21 1	2 20	22 9	1 41	0 s 6	2 2	13 58	1 22	14 32	2 1	11 13	0 27	12 53	1 15	28 43	5 28	23 36	23 35	16 58		n.a.
T 26	23 41	3 s 6	5 17	20 49	2 37	21 53	1 41	0 17	2 2	13 59	1 22	14 30	2 1	11 13	0 27	12 53	1 15	28 43	5 28	23 36	23 35	17 0		n.a.
W27	23 39	7 50	5 9	20 38	2 52	21 36	1 41	0 28	2 3	14 0	1 22	14 28	2 1	11 14	0 27	12 53	1 15	28 43	5 28	23 36	23 35	17 1		n.a.
T 28	23 38	12 12	4 48	20 28	3 5	21 18	1 40	0 40	2 3	14 1	1 23	14 26	2 1	11 15	0 27	12 54	1 15	28 43	5 28	23 36	23 35	17 3		n.a.
F 29	23 35	16 5	4 14	20 20	3 16	21 0	1 40	0 51	2 3	14 2	1 23	14 24	2 0	11 16	0 27	12 54	1 15	28 43	5 28	23 36	23 35	17 5		n.a.
S 30	23 33	19 21	3 30	20 13	3 25	20 41	1 39	1 2	2 4	14 3	1 23	14 22	2 0	11 16	0 27	12 54	1 15	28 44	5 29	23 36	23 35	17 7		n.a.
S 31	23 s30	21 s49	2 s37	20 s 9	3n32	20 s22	1 s39	1 s13	2n 4	14n 4	1n23	14 s20	2 s 0	11 s17	0n27	12n55	1n15	28n44	5n29	23 s36	23 s34	17 s 8		n.a.

Julian Day Number = 1707877.5, Delta T = 03h02m14s
Ecliptic obliquity = 23°41'57, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°34'30, Lahiri = - 4°27'29 Julian Calendar 1 Dec. 38 BCE == Greg. Calendar 29 Nov. 038 BCE

The year -37 astronomical counting style corresponds to year 038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 37 BCE
geocentric

JANUARY 37 BCE (-36) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 29 27	8♉21'28	7♐16	1°R22	8♒ 2	8♎16	26°R35	27♒39	0♏21	29°R33	10°R33	24♐48	24♐14	5♏36	n.a.	M 1
T 2	6 33 23	9°22'27	19°29	0♉16	9°16	8°44	26♑32	27°44	0°23	29♑32	10♋32	24°R49	24°11	5°43	n.a.	T 2
W 3	6 37 20	10°23'25	1♉54	29♐17	10°30	9°13	26°29	27°50	0°24	29°31	10°30	24°49	24° 8	5°49	n.a.	W 3
T 4	6 41 17	11°24'21	14°34	28°26	11°44	9°41	26°25	27°56	0°26	29°31	10°29	24°48	24° 5	5°56	n.a.	T 4
F 5	6 45 13	12°25'17	27°28	27°43	12°58	10° 9	26°21	28° 2	0°28	29°30	10°28	24°46	24° 1	6° 3	n.a.	F 5
S 6	6 49 10	13°26'11	10♒36	27° 8	14°12	10°36	26°17	28° 8	0°30	29°29	10°26	24°43	23°58	6° 9	n.a.	S 6
S 7	6 53 6	14°27'04	23°58	26°41	15°25	11° 4	26°13	28°14	0°31	29°28	10°25	24°40	23°55	6°16	n.a.	S 7
M 8	6 57 3	15°27'55	7♓33	26°23	16°39	11°31	26° 9	28°21	0°33	29°26	10°23	24°37	23°52	6°23	n.a.	M 8
T 9	7 0 59	16°28'44	21°18	26°14	17°53	11°58	26° 4	28°27	0°35	29°25	10°22	24°35	23°49	6°29	n.a.	T 9
W10	7 4 56	17°29'32	5♈14	26°D11	19° 6	12°25	26° 0	28°33	0°36	29°24	10°21	24°33	23°45	6°36	n.a.	W10
T 11	7 8 52	18°30'18	19°17	26°17	20°20	12°52	25°55	28°40	0°38	29°23	10°19	24°D33	23°42	6°43	n.a.	T 11
F 12	7 12 49	19°31'03	3♉28	26°29	21°33	13°18	25°50	28°46	0°39	29°22	10°18	24°33	23°39	6°49	n.a.	F 12
S 13	7 16 46	20°31'45	17°44	26°47	22°47	13°44	25°45	28°52	0°40	29°21	10°17	24°35	23°36	6°56	n.a.	S 13
S 14	7 20 42	21°32'26	2♊ 3	27°11	24° 0	14°10	25°39	28°59	0°42	29°20	10°15	24°36	23°33	7° 3	n.a.	S 14
M15	7 24 39	22°33'06	16°21	27°41	25°13	14°36	25°34	29° 5	0°43	29°18	10°14	24°37	23°30	7°10	n.a.	M15
T 16	7 28 35	23°33'43	0♋35	28°15	26°26	15° 2	25°28	29°12	0°44	29°17	10°13	24°R37	23°26	7°16	n.a.	T 16
W17	7 32 32	24°34'19	14°41	28°55	27°40	15°27	25°23	29°19	0°45	29°16	10°11	24°36	23°23	7°23	n.a.	W17
T 18	7 36 28	25°34'53	28°34	29°38	28°53	15°52	25°17	29°25	0°46	29°14	10°10	24°33	23°20	7°30	n.a.	T 18
F 19	7 40 25	26°35'25	12♌11	0♉25	0♓ 6	16°17	25°11	29°32	0°47	29°13	10° 9	24°29	23°17	7°36	n.a.	F 19
S 20	7 44 21	27°35'56	25°30	1°16	1°19	16°41	25° 5	29°39	0°48	29°12	10° 7	24°23	23°14	7°43	n.a.	S 20
S 21	7 48 18	28°36'25	8♍28	2°10	2°32	17° 5	24°59	29°46	0°49	29°10	10° 6	24°17	23°11	7°50	n.a.	S 21
M22	7 52 15	29°36'53	21° 7	3° 7	3°44	17°29	24°52	29°52	0°50	29° 9	10° 5	24°12	23° 7	7°56	n.a.	M22
T 23	7 56 11	0♒37'19	3♎28	4° 7	4°57	17°53	24°46	29°59	0°51	29° 8	10° 3	24° 7	23° 4	8° 3	n.a.	T 23
W24	8 0 8	1°37'44	15°35	5° 9	6°10	18°16	24°39	0♓ 6	0°52	29° 6	10° 2	24° 4	23° 1	8°10	n.a.	W24
T 25	8 4 4	2°38'07	27°31	6°14	7°22	18°39	24°32	0°13	0°52	29° 5	10° 1	24°D 2	22°58	8°16	n.a.	T 25
F 26	8 8 1	3°38'29	9♏22	7°21	8°35	19° 2	24°26	0°20	0°53	29° 3	10° 0	24° 2	22°55	8°23	n.a.	F 26
S 27	8 11 57	4°38'49	21°12	8°31	9°48	19°24	24°19	0°27	0°54	29° 2	9°58	24° 3	22°51	8°30	n.a.	S 27
S 28	8 15 54	5°39'07	3♐ 7	9°42	11° 0	19°47	24°12	0°34	0°54	29° 0	9°57	24° 5	22°48	8°36	n.a.	S 28
M29	8 19 50	6°39'24	15°12	10°55	12°12	20° 8	24° 5	0°42	0°55	28°59	9°56	24° 6	22°45	8°43	n.a.	M29
T 30	8 23 47	7°39'40	27°30	12°10	13°25	20°30	23°57	0°49	0°55	28°57	9°55	24°R 7	22°42	8°50	n.a.	T 30
W31	8 27 44	8♒39'53	10♉ 6	13♉26	14♓37	20♎51	23♑50	0♓56	0♏56	28♑56	9♋53	24♐ 5	22♐39	8♏56	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23 s26	23 s20	1 s36	20 s 6	3n36	20 s 2	1 s38	1 s24	2n 5	14n 6	1n24	14 s18	2 s 0	11 s18	0n27	12n55	1n15	28n44	5n29	23 s36	23 s34	17 s10			n.a.
T 2	23 22	23 46	0 29	20 4	3 37	19 41	1 37	1 35	2 5	14 7	1 24	14 16	2 0	11 18	0 27	12 55	1 15	28 44	5 29	23 36	23 34	17 12			n.a.
W 3	23 17	23 2	0n39	20 5	3 37	19 20	1 36	1 46	2 5	14 9	1 24	14 14	2 0	11 19	0 27	12 56	1 15	28 44	5 29	23 36	23 34	17 14			n.a.
T 4	23 12	21 7	1 47	20 7	3 34	18 59	1 35	1 57	2 6	14 10	1 25	14 11	2 0	11 20	0 27	12 56	1 15	28 45	5 29	23 36	23 34	17 15			n.a.
F 5	23 7	18 6	2 51	20 11	3 30	18 37	1 34	2 8	2 6	14 12	1 25	14 9	2 0	11 20	0 27	12 57	1 15	28 45	5 29	23 36	23 34	17 17			n.a.
S 6	23 1	14 8	3 47	20 16	3 24	18 14	1 33	2 18	2 7	14 13	1 25	14 7	2 0	11 21	0 27	12 57	1 15	28 45	5 29	23 36	23 34	17 19			n.a.
S 7	22 54	9 25	4 31	20 23	3 17	17 51	1 32	2 29	2 7	14 15	1 25	14 5	2 0	11 21	0 27	12 57	1 15	28 45	5 29	23 35	23 33	17 20			n.a.
M 8	22 47	4 11	5 1	20 30	3 9	17 27	1 31	2 39	2 7	14 17	1 26	14 2	1 59	11 22	0 27	12 58	1 15	28 45	5 29	23 35	23 33	17 22			n.a.
T 9	22 40	1n19	5 14	20 39	3 0	17 3	1 29	2 49	2 8	14 19	1 26	14 0	1 59	11 23	0 27	12 58	1 15	28 46	5 29	23 35	23 33	17 24			n.a.
W10	22 32	6 49	5 9	20 49	2 50	16 39	1 28	3 0	2 8	14 20	1 26	13 58	1 59	11 23	0 27	12 59	1 15	28 46	5 29	23 35	23 33	17 25			n.a.
T 11	22 24	12 2	4 46	20 59	2 39	16 14	1 26	3 10	2 9	14 22	1 26	13 56	1 59	11 24	0 27	12 59	1 15	28 46	5 29	23 35	23 33	17 27			n.a.
F 12	22 16	16 38	4 5	21 10	2 29	15 48	1 25	3 20	2 9	14 24	1 27	13 53	1 59	11 24	0 27	13 0	1 15	28 46	5 29	23 35	23 33	17 29			n.a.
S 13	22 7	20 19	3 9	21 22	2 18	15 23	1 23	3 30	2 9	14 26	1 27	13 51	1 59	11 25	0 27	13 0	1 15	28 46	5 30	23 35	23 33	17 31			n.a.
S 14	21 57	22 46	2 1	21 33	2 7	14 57	1 21	3 39	2 10	14 28	1 27	13 49	1 59	11 25	0 27	13 0	1 15	28 46	5 30	23 35	23 32	17 32			n.a.
M15	21 47	23 44	0 45	21 45	1 56	14 30	1 20	3 49	2 10	14 30	1 27	13 46	1 59	11 25	0 27	13 1	1 15	28 47	5 30	23 35	23 32	17 34			n.a.
T 16	21 37	23 9	0s33	21 57	1 44	14 3	1 18	3 59	2 11	14 33	1 28	13 44	1 59	11 26	0 27	13 1	1 16	28 47	5 30	23 35	23 32	17 36			n.a.
W17	21 26	21 6	1 48	22 9	1 33	13 36	1 16	4 8	2 11	14 35	1 28	13 41	1 59	11 26	0 27	13 2	1 16	28 47	5 30	23 35	23 32	17 37			n.a.
T 18	21 15	17 49	2 55	22 20	1 22	13 8	1 14	4 18	2 11	14 37	1 28	13 39	1 59	11 27	0 27	13 2	1 16	28 47	5 30	23 35	23 32	17 39			n.a.
F 19	21 4	13 38	3 51	22 31	1 11	12 40	1 12	4 27	2 12	14 39	1 28	13 36	1 59	11 27	0 27	13 3	1 16	28 47	5 30	23 35	23 32	17 41			n.a.
S 20	20 52	8 53	4 33	22 41	1 0	12 12	1 9	4 36	2 12	14 41	1 29	13 34	1 59	11 27	0 27	13 3	1 16	28 47	5 30	23 35	23 31	17 42			n.a.
S 21	20 40	3 51	5 0	22 51	0 50	11 44	1 7	4 45	2 12	14 44	1 29	13 31	1 58	11 28	0 27	13 4	1 16	28 47	5 30	23 34	23 31	17 44			n.a.
M22	20 27	1 s12	5 11	23 1	0 39	11 15	1 5	4 54	2 13	14 46	1 29	13 29	1 58	11 28	0 27	13 4	1 16	28 48	5 30	23 34	23 31	17 45			n.a.
T 23	20 14	6 5	5 7	23 9	0 29	10 46	1 2	5 3	2 13	14 49	1 29	13 26	1 58	11 28	0 27	13 5	1 16	28 48	5 30	23 34	23 31	17 47			n.a.
W24	20 1	10 39	4 50	23 17	0 19	10 16	1 0	5 11	2 13	14 51	1 29	13 24	1 58	11 28	0 27	13 6	1 16	28 48	5 30	23 34	23 31	17 49			n.a.
T 25	19 47	14 44	4 20	23 24	0 9	9 47	0 57	5 20	2 14	14 53	1 30	13 21	1 58	11 29	0 27	13 6	1 16	28 48	5 30	23 34	23 31	17 50			n.a.
F 26	19 33	18 14	3 39	23 30	0s 0	9 17	0 55	5 28	2 14	14 56	1 30	13 19	1 58	11 29	0 27	13 7	1 16	28 48	5 30	23 34	23 30	17 52			n.a.
S 27	19 19	20 59	2 49	23 35	0 9	8 47	0 52	5 36	2 14	14 58	1 30	13 16	1 58	11 29	0 27	13 7	1 16	28 48	5 30	23 34	23 30	17 54			n.a.
S 28	19 4	22 50	1 52	23 39	0 18	8 17	0 49	5 45	2 15	15 1	1 30	13 14	1 58	11 29	0 27	13 8	1 16	28 48	5 30	23 34	23 30	17 55			n.a.
M29	18 49	23 40	0 48	23 41	0 27	7 46	0 47	5 53	2 15	15 3	1 30	13 11	1 58	11 29	0 27	13 8	1 16	28 48	5 30	23 34	23 30	17 57			n.a.
T 30	18 33	23 22	0n18	23 43	0 35	7 16	0 44	6 0	2 15	15 6	1 30	13 8	1 58	11 30	0 27	13 9	1 16	28 48	5 30	23 34	23 30	17 58			n.a.
W31	18 s17	21 s53	1n26	23 s44	0s43	6 s45	0 s41	6 s 8	2n15	15n 9	1n31	13 s 6	1 s58	11 s30	0n27	13n 9	1n16	28n49	5n30	23 s34	23 s30	18 s 0			n.a.

Julian Day Number = 1707908.5, Delta T = 03h02m14s
Ecliptic obliquity = 23°41'57, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°34'25, Lahiri = - 4°27'25 Julian Calendar 1 Jan. 37 BCE == Greg. Calendar 30 Dec. 038 BCE

The year -36 astronomical counting style corresponds to year 037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 37 BCE
geocentric

FEBRUARY 37 BCE (-36) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 31 40	9♒40'05	23♉ 1	14♉45	15♓49	21♎12	23°R43	1♓ 3	0♏56	28°R54	9°R52	24°R 2	22♐36	9♏ 3	n.a.	T 1
F 2	8 35 37	10°40'15	6♒16	16° 4	17° 1	21°32	23♌35	1°10	0°56	28♌53	9♋51	23♐56	22°32	9°10	n.a.	F 2
S 3	8 39 33	11°40'23	19°49	17°25	18°13	21°52	23°28	1°18	0°56	28°51	9°50	23°49	22°29	9°17	n.a.	S 3
S 4	8 43 30	12°40'29	3♓39	18°48	19°25	22°12	23°20	1°25	0°57	28°50	9°49	23°41	22°26	9°23	n.a.	S 4
M 5	8 47 26	13°40'33	17°41	20°12	20°36	22°31	23°13	1°32	0°57	28°48	9°48	23°32	22°23	9°30	n.a.	M 5
T 6	8 51 23	14°40'35	1♈51	21°37	21°48	22°50	23° 5	1°40	0°57	28°47	9°47	23°25	22°20	9°37	n.a.	T 6
W 7	8 55 19	15°40'34	16° 5	23° 4	23° 0	23° 8	22°58	1°47	0°R57	28°45	9°45	23°19	22°17	9°43	n.a.	W 7
T 8	8 59 16	16°40'31	0♉18	24°32	24°11	23°26	22°50	1°54	0°57	28°43	9°44	23°16	22°13	9°50	n.a.	T 8
F 9	9 3 13	17°40'26	14°29	26° 1	25°22	23°44	22°42	2° 2	0°57	28°42	9°43	23°D15	22°10	9°57	n.a.	F 9
S 10	9 7 9	18°40'19	28°34	27°31	26°34	24° 1	22°34	2° 9	0°56	28°40	9°42	23°15	22° 7	10° 3	n.a.	S 10
S 11	9 11 6	19°40'09	12♊34	29° 3	27°45	24°18	22°27	2°17	0°56	28°38	9°41	23°16	22° 4	10°10	n.a.	S 11
M12	9 15 2	20°39'57	26°28	0♒35	28°56	24°34	22°19	2°24	0°56	28°37	9°40	23°R16	22° 1	10°17	n.a.	M12
T 13	9 18 59	21°39'43	10♋15	2° 9	0♈ 7	24°50	22°11	2°31	0°56	28°35	9°39	23°15	21°57	10°23	n.a.	T 13
W14	9 22 55	22°39'26	23°54	3°45	1°18	25° 5	22° 3	2°39	0°55	28°34	9°38	23°11	21°54	10°30	n.a.	W14
T 15	9 26 52	23°39'07	7♌22	5°21	2°28	25°20	21°55	2°46	0°55	28°32	9°37	23° 5	21°51	10°37	n.a.	T 15
F 16	9 30 48	24°38'46	20°39	6°59	3°39	25°34	21°48	2°54	0°54	28°30	9°36	22°56	21°48	10°43	n.a.	F 16
S 17	9 34 45	25°38'22	3♍42	8°37	4°49	25°48	21°40	3° 1	0°54	28°29	9°36	22°45	21°45	10°50	n.a.	S 17
S 18	9 38 42	26°37'57	16°30	10°18	6° 0	26° 2	21°32	3° 9	0°53	28°27	9°35	22°33	21°42	10°57	n.a.	S 18
M19	9 42 38	27°37'29	29° 2	11°59	7°10	26°15	21°24	3°16	0°53	28°25	9°34	22°22	21°38	11° 3	n.a.	M19
T 20	9 46 35	28°37'00	11♎20	13°41	8°20	26°27	21°17	3°24	0°52	28°24	9°33	22°12	21°35	11°10	n.a.	T 20
W21	9 50 31	29°36'29	23°26	15°25	9°30	26°39	21° 9	3°32	0°51	28°22	9°32	22° 4	21°32	11°17	n.a.	W21
T 22	9 54 28	0♓35'55	5♏21	17°10	10°40	26°50	21° 1	3°39	0°51	28°20	9°31	21°58	21°29	11°23	n.a.	T 22
F 23	9 58 24	1°35'20	17°12	18°57	11°50	27° 1	20°54	3°47	0°50	28°19	9°31	21°55	21°26	11°30	n.a.	F 23
S 24	10 2 21	2°34'43	29° 1	20°45	12°59	27°11	20°46	3°54	0°49	28°17	9°30	21°D54	21°23	11°37	n.a.	S 24
S 25	10 6 17	3°34'04	10♐55	22°34	14° 9	27°20	20°39	4° 2	0°48	28°15	9°29	21°54	21°19	11°43	n.a.	S 25
M26	10 10 14	4°33'23	23° 0	24°24	15°18	27°29	20°31	4° 9	0°47	28°14	9°28	21°R54	21°16	11°50	n.a.	M26
T 27	10 14 10	5°32'41	5♑19	26°16	16°27	27°38	20°24	4°17	0°46	28°12	9°28	21°54	21°13	11°57	n.a.	T 27
W28	10 18 7	6°31'56	17°59	28° 9	17°36	27°45	20°17	4°24	0°45	28°10	9°27	21°51	21°10	12° 4	n.a.	W28
T 29	10 22 4	7♓31'10	1♒ 2	0♓ 3	18♈45	27♎52	20♌ 9	4♓32	0♏44	28♌ 9	9♋26	21♐46	21♐ 7	12♏10	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s 1	19s15	2n30	23s43	0s51	6s14	0s38	6s16	2n16	15n11	1n31	13s 3	1s58	11s30	0n27	13n10	1n16	28n49	5n30	23s34	23s29	18s 2		n.a.
F 2	17 45	15 34	3 28	23 41	0 58	5 43	0 35	6 23	2 16	15 14	1 31	13 1	1 58	11 30	0 27	13 10	1 16	28 49	5 30	23 34	23 29	18 3		n.a.
S 3	17 28	11 0	4 15	23 38	1 5	5 12	0 32	6 30	2 16	15 16	1 31	12 58	1 58	11 30	0 27	13 11	1 16	28 49	5 30	23 33	23 29	18 5		n.a.
S 4	17 11	5 48	4 48	23 33	1 12	4 40	0 29	6 38	2 16	15 19	1 31	12 55	1 58	11 30	0 27	13 12	1 16	28 49	5 30	23 33	23 29	18 6		n.a.
M 5	16 54	0 14	5 5	23 27	1 19	4 9	0 25	6 45	2 17	15 22	1 31	12 53	1 58	11 30	0 27	13 12	1 16	28 49	5 30	23 32	23 29	18 8		n.a.
T 6	16 36	5n23	5 3	23 20	1 25	3 37	0 22	6 51	2 17	15 24	1 31	12 50	1 58	11 30	0 27	13 13	1 16	28 49	5 30	23 32	23 28	18 9		n.a.
W 7	16 19	10 44	4 43	23 11	1 30	3 6	0 19	6 58	2 17	15 27	1 32	12 47	1 58	11 30	0 28	13 13	1 16	28 49	5 30	23 32	23 28	18 11		n.a.
T 8	16 1	15 31	4 5	23 1	1 36	2 34	0 15	7 5	2 17	15 30	1 32	12 45	1 58	11 30	0 28	13 14	1 16	28 49	5 30	23 32	23 28	18 12		n.a.
F 9	15 42	19 25	3 13	22 49	1 41	2 2	0 12	7 11	2 17	15 32	1 32	12 42	1 58	11 30	0 28	13 15	1 16	28 49	5 30	23 31	23 28	18 14		n.a.
S 10	15 24	22 9	2 9	22 36	1 45	1 31	0 9	7 17	2 17	15 35	1 32	12 39	1 58	11 30	0 28	13 15	1 16	28 49	5 30	23 31	23 28	18 16		n.a.
S 11	15 5	23 30	0 57	22 22	1 50	0 59	0 5	7 23	2 18	15 38	1 32	12 36	1 58	11 30	0 28	13 16	1 16	28 49	5 30	23 32	23 28	18 17		n.a.
M12	14 46	23 22	0s17	22 5	1 54	0 27	0 2	7 29	2 18	15 40	1 32	12 34	1 58	11 30	0 28	13 16	1 16	28 49	5 30	23 32	23 27	18 19		n.a.
T 13	14 26	21 49	1 30	21 48	1 57	0n 5	0n 2	7 35	2 18	15 43	1 32	12 31	1 58	11 29	0 28	13 17	1 16	28 49	5 30	23 31	23 27	18 20		n.a.
W14	14 7	19 0	2 36	21 28	2 0	0 36	0 6	7 40	2 18	15 46	1 32	12 28	1 58	11 29	0 28	13 18	1 16	28 50	5 30	23 31	23 27	18 22		n.a.
T 15	13 47	15 12	3 33	21 7	2 3	1 8	0 9	7 46	2 18	15 48	1 32	12 26	1 58	11 29	0 28	13 18	1 16	28 50	5 30	23 31	23 27	18 23		n.a.
F 16	13 27	10 42	4 17	20 45	2 5	1 40	0 13	7 51	2 18	15 51	1 32	12 23	1 58	11 29	0 28	13 19	1 16	28 50	5 30	23 30	23 27	18 25		n.a.
S 17	13 7	5 49	4 47	20 21	2 7	2 12	0 17	7 56	2 18	15 54	1 32	12 20	1 58	11 29	0 28	13 19	1 16	28 50	5 30	23 30	23 26	18 26		n.a.
S 18	12 46	0 46	5 1	19 55	2 8	2 43	0 21	8 1	2 18	15 56	1 32	12 17	1 58	11 29	0 28	13 20	1 16	28 50	5 30	23 29	23 26	18 28		n.a.
M19	12 26	4s12	5 1	19 27	2 9	3 15	0 24	8 6	2 18	15 59	1 32	12 15	1 58	11 28	0 28	13 21	1 16	28 50	5 30	23 29	23 26	18 29		n.a.
T 20	12 5	8 55	4 47	18 58	2 10	3 46	0 28	8 10	2 18	16 1	1 32	12 12	1 58	11 28	0 28	13 21	1 16	28 50	5 30	23 28	23 26	18 31		n.a.
W21	11 44	13 12	4 19	18 27	2 10	4 18	0 32	8 15	2 18	16 4	1 33	12 9	1 58	11 28	0 28	13 22	1 16	28 50	5 30	23 28	23 26	18 32		n.a.
T 22	11 23	16 55	3 41	17 55	2 10	4 49	0 36	8 19	2 18	16 6	1 33	12 6	1 58	11 28	0 28	13 22	1 16	28 50	5 29	23 27	23 25	18 34		n.a.
F 23	11 2	19 55	2 54	17 21	2 9	5 20	0 40	8 23	2 18	16 9	1 33	12 4	1 58	11 27	0 28	13 23	1 16	28 50	5 29	23 27	23 25	18 35		n.a.
S 24	10 40	22 5	1 59	16 45	2 8	5 51	0 44	8 26	2 18	16 11	1 33	12 1	1 58	11 27	0 28	13 23	1 16	28 50	5 29	23 27	23 25	18 37		n.a.
S 25	10 18	23 17	0 58	16 7	2 6	6 22	0 48	8 30	2 17	16 14	1 33	11 58	1 58	11 27	0 28	13 24	1 16	28 50	5 29	23 27	23 25	18 38		n.a.
M26	9 57	23 25	0n 6	15 28	2 3	6 53	0 52	8 33	2 17	16 16	1 33	11 55	1 58	11 26	0 28	13 25	1 16	28 50	5 29	23 27	23 24	18 40		n.a.
T 27	9 35	22 25	1 11	14 47	2 0	7 23	0 55	8 37	2 17	16 18	1 33	11 53	1 58	11 26	0 28	13 25	1 16	28 50	5 29	23 27	23 24	18 41		n.a.
W28	9 13	20 16	2 14	14 4	1 57	7 54	0 59	8 40	2 17	16 21	1 33	11 50	1 58	11 25	0 28	13 26	1 16	28 50	5 29	23 27	23 24	18 42		n.a.
T 29	8s50	17s 2	3n12	13s20	1s53	8n24	1n 3	8s42	2n17	16n23	1n32	11s47	1s58	11s25	0n28	13n26	1n16	28n50	5n29	23s26	23s24	18s44		n.a.

Julian Day Number = 1707939.5, Delta T = 03h02m13s
Ecliptic obliquity = 23°41'57, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°34'21, Lahiri = - 4°27'21 Julian Calendar 1 Feb. 37 BCE == Greg. Calendar 30 Jan. 037 BCE

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ASTRODIENST EPHEMERIS for the year 37 BCE
geocentric

MARCH 37 BCE (-36) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 26 0	8♓30'21	14♒30	1♓59	19♈54	27♎59	20°R 2	4♓40	0°R43	28°R 7	9°R26	21°R38	21♐ 3	12♏17	n.a.	F 1
S 2	10 29 57	9°29'31	28°22	3°56	21° 3	28° 4	19♑55	4°47	0♏41	28♑ 5	9♋25	21♐28	21° 0	12°24	n.a.	S 2
S 3	10 33 53	10°28'38	12♓35	5°54	22°11	28° 9	19°48	4°55	0°40	28° 4	9°25	21°16	20°57	12°30	n.a.	S 3
M 4	10 37 50	11°27'43	27° 5	7°53	23°19	28°14	19°41	5° 2	0°39	28° 2	9°24	21° 5	20°54	12°37	n.a.	M 4
T 5	10 41 46	12°26'46	11♈42	9°54	24°27	28°17	19°35	5°10	0°37	28° 1	9°24	20°54	20°51	12°44	n.a.	T 5
W 6	10 45 43	13°25'47	26°21	11°55	25°35	28°20	19°28	5°17	0°36	27°59	9°23	20°46	20°48	12°50	n.a.	W 6
T 7	10 49 39	14°24'45	10♉54	13°58	26°43	28°23	19°22	5°25	0°35	27°57	9°23	20°40	20°44	12°57	n.a.	T 7
F 8	10 53 36	15°23'41	25°17	16° 2	27°51	28°24	19°15	5°32	0°33	27°56	9°22	20°37	20°41	13° 4	n.a.	F 8
S 9	10 57 33	16°22'35	9♊27	18° 6	28°58	28°25	19° 9	5°40	0°32	27°54	9°22	20°36	20°38	13°10	n.a.	S 9
S 10	11 1 29	17°21'26	23°22	20°11	0♉ 5	28°R25	19° 3	5°47	0°30	27°53	9°21	20°36	20°35	13°17	n.a.	S 10
M11	11 5 26	18°20'15	7♋ 4	22°16	1°13	28°24	18°57	5°55	0°28	27°51	9°21	20°36	20°32	13°24	n.a.	M11
T 12	11 9 22	19°19'02	20°33	24°22	2°19	28°23	18°51	6° 2	0°27	27°50	9°21	20°33	20°28	13°30	n.a.	T 12
W13	11 13 19	20°17'46	3♌50	26°27	3°26	28°21	18°45	6°10	0°25	27°48	9°20	20°29	20°25	13°37	n.a.	W13
T 14	11 17 15	21°16'28	16°56	28°32	4°32	28°18	18°39	6°17	0°23	27°47	9°20	20°21	20°22	13°44	n.a.	T 14
F 15	11 21 12	22°15'07	29°50	0♈36	5°39	28°14	18°34	6°24	0°22	27°45	9°20	20°11	20°19	13°50	n.a.	F 15
S 16	11 25 8	23°13'44	12♍34	2°40	6°45	28°10	18°28	6°32	0°20	27°44	9°20	19°58	20°16	13°57	n.a.	S 16
S 17	11 29 5	24°12'20	25° 6	4°42	7°50	28° 5	18°23	6°39	0°18	27°42	9°19	19°44	20°13	14° 4	n.a.	S 17
M18	11 33 1	25°10'53	7♎26	6°42	8°56	27°59	18°18	6°46	0°16	27°41	9°19	19°31	20° 9	14°10	n.a.	M18
T 19	11 36 58	26° 9'24	19°36	8°41	10° 1	27°52	18°13	6°54	0°14	27°39	9°19	19°19	20° 6	14°17	n.a.	T 19
W20	11 40 55	27° 7'54	1♏36	10°37	11° 6	27°45	18° 8	7° 1	0°12	27°38	9°19	19° 9	20° 3	14°24	n.a.	W20
T 21	11 44 51	28° 6'21	13°29	12°31	12°11	27°37	18° 4	7° 8	0°10	27°37	9°19	19° 2	20° 0	14°30	n.a.	T 21
F 22	11 48 48	29° 4'47	25°18	14°21	13°16	27°28	17°59	7°15	0° 8	27°35	9°19	18°57	19°57	14°37	n.a.	F 22
S 23	11 52 44	0♈ 3'11	7♐ 6	16° 9	14°20	27°18	17°55	7°23	0° 6	27°34	9°19	18°55	19°54	14°44	n.a.	S 23
S 24	11 56 41	1° 1'33	18°59	17°53	15°24	27° 8	17°51	7°30	0° 4	27°33	9°D19	18°D55	19°50	14°50	n.a.	S 24
M25	12 0 37	1°59'54	1♑ 2	19°33	16°28	26°57	17°47	7°37	0° 2	27°31	9°19	18°R55	19°47	14°57	n.a.	M25
T 26	12 4 34	2°58'13	13°20	21° 9	17°32	26°45	17°43	7°44	0° 0	27°30	9°19	18°54	19°44	15° 4	n.a.	T 26
W27	12 8 30	3°56'31	25°58	22°42	18°35	26°32	17°40	7°51	29♎58	27°29	9°19	18°53	19°41	15°10	n.a.	W27
T 28	12 12 27	4°54'47	9♒ 2	24°10	19°38	26°19	17°36	7°58	29°56	27°27	9°19	18°48	19°38	15°17	n.a.	T 28
F 29	12 16 24	5°53'01	22°33	25°34	20°41	26° 5	17°33	8° 5	29°54	27°26	9°19	18°42	19°34	15°24	n.a.	F 29
S 30	12 20 20	6°51'13	6♓32	26°53	21°43	25°50	17°30	8°12	29°51	27°25	9°19	18°33	19°31	15°30	n.a.	S 30
S 31	12 24 17	7♈49'24	20♓57	28♈ 8	22♉45	25♎35	17♑27	8♓19	29♎49	27♑24	9♋19	18♐23	19♐28	15♏37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8s28	12s49	4n 1	12s34	1s49	8n54	1n 7	8s45	2n16	16n25	1n32	11s44	1s58	11s25	0n28	13n27	1n16	28n50	5n29	23s26	23s24	18s45		n.a.
S 2	8 6	7 50	4 37	11 47	1 44	9 24	1 11	8 47	2 16	16 27	1 32	11 42	1 58	11 24	0 28	13 28	1 16	28 50	5 29	23 25	23 23	18 47		n.a.
S 3	7 43	2 20	4 57	10 58	1 38	9 54	1 15	8 49	2 16	16 30	1 32	11 39	1 58	11 24	0 28	13 28	1 16	28 50	5 29	23 25	23 23	18 48		n.a.
M 4	7 21	3n23	4 59	10 7	1 32	10 23	1 19	8 51	2 15	16 32	1 32	11 36	1 59	11 23	0 28	13 29	1 16	28 50	5 29	23 24	23 23	18 50		n.a.
T 5	6 58	8 59	4 41	9 15	1 25	10 52	1 23	8 53	2 15	16 34	1 32	11 33	1 59	11 23	0 28	13 29	1 16	28 50	5 29	23 23	23 23	18 51		n.a.
W 6	6 35	14 5	4 5	8 22	1 18	11 21	1 27	8 55	2 14	16 36	1 32	11 31	1 59	11 22	0 28	13 30	1 16	28 50	5 29	23 22	23 23	18 52		n.a.
T 7	6 12	18 19	3 13	7 27	1 10	11 50	1 31	8 56	2 14	16 38	1 32	11 28	1 59	11 22	0 28	13 30	1 16	28 50	5 29	23 22	23 22	18 54		n.a.
F 8	5 49	21 23	2 10	6 31	1 2	12 18	1 35	8 57	2 13	16 40	1 32	11 25	1 59	11 21	0 28	13 31	1 16	28 50	5 29	23 22	23 22	18 55		n.a.
S 9	5 26	23 4	0 59	5 34	0 53	12 46	1 39	8 58	2 13	16 42	1 32	11 22	1 59	11 21	0 28	13 31	1 16	28 50	5 29	23 22	23 22	18 57		n.a.
S 10	5 3	23 17	0s15	4 36	0 44	13 14	1 43	8 59	2 12	16 44	1 32	11 20	1 59	11 20	0 28	13 32	1 16	28 50	5 29	23 22	23 22	18 58		n.a.
M11	4 40	22 5	1 26	3 38	0 34	13 41	1 47	8 59	2 11	16 46	1 32	11 17	1 59	11 20	0 28	13 33	1 16	28 50	5 28	23 22	23 21	18 59		n.a.
T 12	4 16	19 37	2 31	2 38	0 24	14 9	1 51	8 59	2 10	16 47	1 32	11 14	1 59	11 19	0 28	13 33	1 16	28 49	5 28	23 22	23 21	19 1		n.a.
W13	3 53	16 9	3 27	1 38	0 14	14 35	1 55	8 59	2 10	16 49	1 32	11 12	1 59	11 18	0 28	13 34	1 16	28 49	5 28	23 21	23 21	19 2		n.a.
T 14	3 30	11 57	4 11	0 38	0 3	15 2	1 59	8 59	2 9	16 51	1 31	11 9	1 59	11 18	0 28	13 34	1 16	28 49	5 28	23 21	23 21	19 4		n.a.
F 15	3 6	7 16	4 42	0n22	0n 8	15 28	2 2	8 59	2 8	16 52	1 31	11 6	1 59	11 17	0 28	13 35	1 16	28 49	5 28	23 20	23 20	19 5		n.a.
S 16	2 43	2 21	4 57	1 22	0 19	15 54	2 6	8 58	2 7	16 54	1 31	11 3	1 59	11 16	0 28	13 35	1 16	28 49	5 28	23 19	23 20	19 6		n.a.
S 17	2 20	2s35	4 59	2 21	0 30	16 19	2 10	8 57	2 6	16 55	1 31	11 1	2 0	11 16	0 28	13 36	1 16	28 49	5 28	23 18	23 20	19 8		n.a.
M18	1 56	7 21	4 46	3 20	0 42	16 44	2 14	8 56	2 5	16 57	1 31	10 58	2 0	11 15	0 28	13 36	1 16	28 49	5 28	23 17	23 20	19 9		n.a.
T 19	1 33	11 45	4 20	4 17	0 53	17 9	2 17	8 55	2 4	16 58	1 31	10 55	2 0	11 15	0 28	13 37	1 16	28 49	5 28	23 16	23 20	19 10		n.a.
W20	1 9	15 38	3 43	5 14	1 4	17 33	2 21	8 53	2 3	17 0	1 31	10 53	2 0	11 14	0 28	13 37	1 16	28 49	5 28	23 15	23 19	19 12		n.a.
T 21	0 46	18 51	2 56	6 9	1 15	17 57	2 25	8 51	2 1	17 1	1 31	10 50	2 0	11 13	0 28	13 38	1 16	28 49	5 28	23 14	23 19	19 13		n.a.
F 22	0 22	21 16	2 2	7 2	1 26	18 20	2 28	8 49	2 0	17 2	1 30	10 48	2 0	11 12	0 28	13 38	1 16	28 49	5 28	23 14	23 19	19 14		n.a.
S 23	0n 1	22 45	1 2	7 54	1 36	18 43	2 32	8 47	1 59	17 3	1 30	10 45	2 0	11 12	0 28	13 38	1 16	28 49	5 28	23 14	23 19	19 16		n.a.
S 24	0 25	23 14	0n 0	8 43	1 46	19 6	2 35	8 44	1 57	17 5	1 30	10 42	2 0	11 11	0 28	13 39	1 16	28 49	5 28	23 14	23 18	19 17		n.a.
M25	0 48	22 38	1 4	9 31	1 56	19 28	2 38	8 42	1 56	17 6	1 30	10 40	2 0	11 10	0 28	13 39	1 16	28 49	5 27	23 14	23 18	19 18		n.a.
T 26	1 12	20 56	2 6	10 16	2 5	19 50	2 42	8 39	1 54	17 7	1 30	10 37	2 1	11 9	0 28	13 40	1 16	28 49	5 27	23 14	23 18	19 20		n.a.
W27	1 35	18 11	3 3	10 58	2 13	20 11	2 45	8 36	1 53	17 8	1 30	10 35	2 1	11 9	0 28	13 40	1 16	28 49	5 27	23 14	23 18	19 21		n.a.
T 28	1 58	14 27	3 53	11 38	2 20	20 31	2 48	8 33	1 51	17 9	1 30	10 32	2 1	11 8	0 28	13 41	1 16	28 48	5 27	23 13	23 17	19 22		n.a.
F 29	2 22	9 52	4 32	12 16	2 27	20 52	2 51	8 29	1 49	17 10	1 29	10 30	2 1	11 7	0 28	13 41	1 16	28 48	5 27	23 13	23 17	19 24		n.a.
S 30	2 45	4 38	4 56	12 51	2 33	21 11	2 54	8 25	1 47	17 10	1 29	10 27	2 1	11 6	0 28	13 41	1 16	28 48	5 27	23 12	23 17	19 25		n.a.
S 31	3n 8	1n 0	5n 2	13n23	2n38	21n31	2n57	8s22	1n45	17n11	1n29	10s24	2s 1	11s 6	0n28	13n42	1n16	28n48	5n27	23s11	23s17	19s26		n.a.

Julian Day Number = 1707968.5, Delta T = 03h02m12s
Ecliptic obliquity = 23°41'57, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°34'17, Lahiri = - 4°27'17 Julian Calendar 1 March 37 BCE == Greg. Calendar 28 Feb. 037 BCE

The year -36 astronomical counting style corresponds to year 037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 37 BCE
geocentric

APRIL 37 BCE (-36) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 28 13	8♈47'33	5♈43	29♈19	23♉47	25°R19	17°R24	8♓26	29°R47	27°R23	9♋19	18°R12	19♐25	15♏44	n.a.	M 1
T 2	12 32 10	9°45'40	20°41	0♉24	24°48	25♎ 2	17♌21	8°33	29♎45	27♌22	9°20	18♐ 3	19°22	15°50	n.a.	T 2
W 3	12 36 6	10°43'46	5♉42	1°25	25°49	24°45	17°19	8°40	29°42	27°20	9°20	17°55	19°19	15°57	n.a.	W 3
T 4	12 40 3	11°41'49	20°38	2°21	26°50	24°27	17°17	8°47	29°40	27°19	9°20	17°50	19°15	16° 4	n.a.	T 4
F 5	12 43 59	12°39'51	5♊19	3°12	27°51	24° 9	17°15	8°53	29°38	27°18	9°20	17°48	19°12	16°10	n.a.	F 5
S 6	12 47 56	13°37'51	19°43	3°58	28°51	23°50	17°13	9° 0	29°35	27°17	9°21	17°D47	19° 9	16°17	n.a.	S 6
S 7	12 51 53	14°35'49	3♋46	4°39	29°50	23°31	17°11	9° 7	29°33	27°16	9°21	17°48	19° 6	16°24	n.a.	S 7
M 8	12 55 49	15°33'45	17°28	5°15	0♊49	23°12	17°10	9°13	29°31	27°15	9°21	17°R48	19° 3	16°30	n.a.	M 8
T 9	12 59 46	16°31'38	0♌51	5°46	1°48	22°52	17° 8	9°20	29°28	27°14	9°22	17°47	19° 0	16°37	n.a.	T 9
W10	13 3 42	17°29'30	13°57	6°12	2°47	22°32	17° 7	9°26	29°26	27°13	9°22	17°44	18°56	16°44	n.a.	W10
T 11	13 7 39	18°27'20	26°48	6°32	3°45	22°11	17° 6	9°33	29°23	27°12	9°23	17°38	18°53	16°50	n.a.	T 11
F 12	13 11 35	19°25'08	9♍26	6°47	4°42	21°51	17° 6	9°39	29°21	27°12	9°23	17°31	18°50	16°57	n.a.	F 12
S 13	13 15 32	20°22'55	21°52	6°58	5°39	21°30	17° 5	9°46	29°18	27°11	9°24	17°21	18°47	17° 4	n.a.	S 13
S 14	13 19 28	21°20'40	4♎ 9	7° 3	6°36	21° 9	17° 5	9°52	29°16	27°10	9°24	17°11	18°44	17°10	n.a.	S 14
M15	13 23 25	22°18'23	16°17	7°R 3	7°32	20°48	17° 4	9°58	29°13	27° 9	9°25	17° 1	18°40	17°17	n.a.	M15
T 16	13 27 21	23°16'04	28°17	6°59	8°27	20°26	17°D 4	10° 5	29°11	27° 8	9°25	16°52	18°37	17°24	n.a.	T 16
W17	13 31 18	24°13'45	10♏11	6°49	9°22	20° 5	17° 4	10°11	29° 8	27° 8	9°26	16°44	18°34	17°30	n.a.	W17
T 18	13 35 15	25°11'24	22° 0	6°36	10°17	19°44	17° 5	10°17	29° 6	27° 7	9°27	16°39	18°31	17°37	n.a.	T 18
F 19	13 39 11	26° 9'01	3♐48	6°18	11°10	19°23	17° 5	10°23	29° 4	27° 6	9°27	16°36	18°28	17°44	n.a.	F 19
S 20	13 43 8	27° 6'38	15°37	5°57	12° 4	19° 2	17° 6	10°29	29° 1	27° 5	9°28	16°D35	18°25	17°50	n.a.	S 20
S 21	13 47 4	28° 4'13	27°31	5°32	12°56	18°41	17° 7	10°35	28°59	27° 5	9°29	16°35	18°21	17°57	n.a.	S 21
M22	13 51 1	29° 1'47	9♑35	5° 4	13°48	18°20	17° 8	10°41	28°56	27° 4	9°29	16°37	18°18	18° 4	n.a.	M22
T 23	13 54 57	29°59'21	21°52	4°34	14°40	18° 0	17° 9	10°47	28°53	27° 4	9°30	16°38	18°15	18°10	n.a.	T 23
W24	13 58 54	0♉56'53	4♒29	4° 3	15°30	17°39	17°10	10°52	28°51	27° 3	9°31	16°R38	18°12	18°17	n.a.	W24
T 25	14 2 50	1°54'24	17°29	3°29	16°20	17°20	17°12	10°58	28°48	27° 3	9°32	16°37	18° 9	18°24	n.a.	T 25
F 26	14 6 47	2°51'54	0♓55	2°55	17°10	17° 0	17°14	11° 4	28°46	27° 2	9°32	16°34	18° 5	18°30	n.a.	F 26
S 27	14 10 44	3°49'23	14°51	2°21	17°58	16°41	17°16	11° 9	28°43	27° 2	9°33	16°29	18° 2	18°37	n.a.	S 27
S 28	14 14 40	4°46'52	29°15	1°47	18°46	16°22	17°18	11°15	28°41	27° 1	9°34	16°24	17°59	18°44	n.a.	S 28
M29	14 18 37	5°44'19	14♈ 2	1°15	19°33	16° 4	17°20	11°20	28°39	27° 1	9°35	16°17	17°56	18°50	n.a.	M29
T 30	14 22 33	6♉41'46	29♈ 7	0♉44	20♊19	15♎47	17♌23	11♓26	28♎36	27♌ 1	9♋36	16♐12	17♐53	18♏57	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3n31	6n42	4n49	13n53	2n43	21n49	3n 0	8s18	1n43	17n12	1n29	10s22	2s 1	11s 5	0n28	13n42	1n16	28n48	5n27	23s10	23s16	19s27		n.a.
T 2	3 54	12 6	4 15	14 19	2 46	22 8	3 3	8 13	1 41	17 12	1 29	10 20	2 1	11 4	0 28	13 43	1 16	28 48	5 27	23 9	23 16	19 29		n.a.
W 3	4 17	16 46	3 24	14 43	2 49	22 25	3 5	8 9	1 39	17 13	1 29	10 17	2 2	11 3	0 28	13 43	1 16	28 48	5 27	23 9	23 16	19 30		n.a.
T 4	4 40	20 20	2 19	15 4	2 50	22 42	3 8	8 4	1 37	17 13	1 28	10 15	2 2	11 2	0 28	13 43	1 16	28 48	5 27	23 8	23 16	19 31		n.a.
F 5	5 3	22 30	1 6	15 23	2 51	22 59	3 10	8 0	1 35	17 14	1 28	10 12	2 2	11 1	0 28	13 44	1 16	28 48	5 27	23 8	23 15	19 33		n.a.
S 6	5 26	23 7	0s10	15 38	2 50	23 15	3 13	7 55	1 33	17 14	1 28	10 10	2 2	11 1	0 28	13 44	1 16	28 48	5 27	23 8	23 15	19 34		n.a.
S 7	5 49	22 14	1 24	15 51	2 48	23 31	3 15	7 50	1 30	17 15	1 28	10 7	2 2	11 0	0 28	13 44	1 16	28 48	5 26	23 8	23 15	19 35		n.a.
M 8	6 11	20 2	2 32	16 1	2 46	23 46	3 17	7 45	1 28	17 15	1 28	10 5	2 2	10 59	0 28	13 45	1 16	28 47	5 26	23 8	23 14	19 36		n.a.
T 9	6 34	16 47	3 29	16 8	2 42	24 0	3 20	7 40	1 25	17 15	1 27	10 3	2 2	10 58	0 28	13 45	1 16	28 47	5 26	23 8	23 14	19 38		n.a.
W10	6 56	12 46	4 14	16 12	2 37	24 14	3 22	7 35	1 23	17 15	1 27	10 0	2 3	10 57	0 28	13 45	1 16	28 47	5 26	23 8	23 14	19 39		n.a.
T 11	7 19	8 15	4 45	16 13	2 31	24 27	3 23	7 30	1 20	17 15	1 27	9 58	2 3	10 56	0 28	13 46	1 16	28 47	5 26	23 7	23 14	19 40		n.a.
F 12	7 41	3 28	5 2	16 11	2 24	24 40	3 25	7 24	1 17	17 16	1 27	9 56	2 3	10 55	0 28	13 46	1 16	28 47	5 26	23 6	23 13	19 41		n.a.
S 13	8 3	1s23	5 4	16 7	2 16	24 52	3 27	7 19	1 15	17 16	1 27	9 53	2 3	10 55	0 28	13 46	1 16	28 47	5 26	23 5	23 13	19 42		n.a.
S 14	8 25	6 7	4 52	16 0	2 6	25 4	3 28	7 14	1 12	17 15	1 26	9 51	2 3	10 54	0 28	13 46	1 16	28 47	5 26	23 4	23 13	19 44		n.a.
M15	8 47	10 33	4 27	15 50	1 56	25 15	3 30	7 8	1 9	17 15	1 26	9 49	2 4	10 53	0 28	13 47	1 16	28 47	5 26	23 3	23 13	19 45		n.a.
T 16	9 8	14 33	3 50	15 38	1 44	25 25	3 31	7 3	1 6	17 15	1 26	9 47	2 4	10 52	0 28	13 47	1 16	28 47	5 26	23 3	23 12	19 46		n.a.
W17	9 30	17 55	3 3	15 23	1 32	25 35	3 32	6 57	1 3	17 15	1 26	9 44	2 4	10 51	0 28	13 47	1 16	28 46	5 26	23 2	23 12	19 47		n.a.
T 18	9 51	20 32	2 8	15 5	1 18	25 45	3 33	6 52	1 1	17 15	1 26	9 42	2 4	10 50	0 28	13 47	1 16	28 46	5 26	23 1	23 12	19 48		n.a.
F 19	10 12	22 16	1 8	14 46	1 4	25 53	3 34	6 47	0 58	17 14	1 25	9 40	2 4	10 49	0 28	13 48	1 16	28 46	5 26	23 1	23 12	19 50		n.a.
S 20	10 33	23 0	0 5	14 24	0 48	26 1	3 34	6 41	0 55	17 14	1 25	9 38	2 4	10 48	0 28	13 48	1 16	28 46	5 26	23 1	23 11	19 51		n.a.
S 21	10 54	22 42	0n59	14 1	0 33	26 9	3 35	6 36	0 52	17 13	1 25	9 36	2 5	10 48	0 28	13 48	1 16	28 46	5 25	23 1	23 11	19 52		n.a.
M22	11 15	21 20	2 1	13 36	0 16	26 16	3 35	6 31	0 49	17 13	1 25	9 34	2 5	10 47	0 28	13 48	1 16	28 46	5 25	23 1	23 11	19 53		n.a.
T 23	11 35	18 57	2 59	13 10	0s 1	26 22	3 35	6 26	0 45	17 12	1 25	9 32	2 5	10 46	0 28	13 48	1 16	28 46	5 25	23 1	23 10	19 54		n.a.
W24	11 56	15 38	3 50	12 43	0 18	26 28	3 35	6 21	0 42	17 12	1 24	9 30	2 5	10 45	0 28	13 49	1 16	28 46	5 25	23 1	23 10	19 56		n.a.
T 25	12 16	11 28	4 31	12 16	0 35	26 34	3 35	6 16	0 39	17 11	1 24	9 28	2 5	10 44	0 28	13 49	1 16	28 45	5 25	23 1	23 10	19 57		n.a.
F 26	12 36	6 37	4 58	11 48	0 52	26 38	3 35	6 12	0 36	17 10	1 24	9 26	2 6	10 43	0 28	13 49	1 16	28 45	5 25	23 1	23 10	19 58		n.a.
S 27	12 56	1 16	5 10	11 20	1 9	26 42	3 34	6 7	0 33	17 9	1 24	9 24	2 6	10 42	0 28	13 49	1 15	28 45	5 25	23 0	23 9	19 59		n.a.
S 28	13 15	4n18	5 2	10 53	1 26	26 46	3 34	6 3	0 30	17 9	1 24	9 22	2 6	10 41	0 28	13 49	1 15	28 45	5 25	23 0	23 9	20 0		n.a.
M29	13 35	9 48	4 35	10 26	1 42	26 49	3 33	5 59	0 27	17 8	1 23	9 20	2 6	10 40	0 28	13 49	1 15	28 45	5 25	22 59	23 9	20 1		n.a.
T 30	13n54	14n49	3n48	10n 1	1s58	26n51	3n32	5s55	0n24	17n 7	1n23	9s18	2s 6	10s40	0n28	13n49	1n15	28n45	5n25	22s58	23s 8	20s 2		n.a.

Julian Day Number = 1707999.5, Delta T = 03h02m11s
Ecliptic obliquity = 23°41'57, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°34'13, Lahiri = - 4°27'12 Julian Calendar 1 Apr. 37 BCE == Greg. Calendar 30 March 037 BCE

The year -36 astronomical counting style corresponds to year 037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 37 BCE
geocentric

MAY 37 BCE (-36) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 26 30	7♉39'11	14♉19	0°R15	21♊ 4	15°R30	17♌25	11♓31	28°R34	27°R 0	9♋37	16°R 7	17♐50	19♏ 4	n.a.	W 1
T 2	14 30 26	8°36'36	29°29	29♈48	21°49	15♎13	17°28	11°36	28♎31	27♌ 0	9°38	16♐ 5	17°46	19°10	n.a.	T 2
F 3	14 34 23	9°33'59	14♊27	29°25	22°32	14°57	17°31	11°41	28°29	27° 0	9°39	16°D 4	17°43	19°17	n.a.	F 3
S 4	14 38 19	10°31'21	29° 6	29° 5	23°15	14°42	17°34	11°47	28°26	26°59	9°40	16° 4	17°40	19°24	n.a.	S 4
S 5	14 42 16	11°28'42	13♋21	28°48	23°56	14°28	17°38	11°52	28°24	26°59	9°41	16° 6	17°37	19°30	n.a.	S 5
M 6	14 46 13	12°26'02	27°12	28°35	24°36	14°14	17°41	11°57	28°21	26°59	9°42	16° 7	17°34	19°37	n.a.	M 6
T 7	14 50 9	13°23'21	10♌39	28°27	25°16	14° 1	17°45	12° 2	28°19	26°59	9°43	16°R 8	17°31	19°44	n.a.	T 7
W 8	14 54 6	14°20'38	23°44	28°D23	25°54	13°49	17°48	12° 6	28°17	26°59	9°44	16° 7	17°27	19°50	n.a.	W 8
T 9	14 58 2	15°17'54	6♍29	28°23	26°31	13°37	17°52	12°11	28°14	26°59	9°45	16° 6	17°24	19°57	n.a.	T 9
F 10	15 1 59	16°15'09	18°58	28°28	27° 7	13°27	17°57	12°16	28°12	26°59	9°46	16° 3	17°21	20° 4	n.a.	F 10
S 11	15 5 55	17°12'24	1♎14	28°37	27°41	13°17	18° 1	12°20	28°10	26°D59	9°47	15°58	17°18	20°10	n.a.	S 11
S 12	15 9 52	18° 9'37	13°19	28°51	28°14	13° 8	18° 5	12°25	28° 7	26°59	9°49	15°54	17°15	20°17	n.a.	S 12
M13	15 13 48	19° 6'49	25°17	29° 9	28°46	12°59	18°10	12°29	28° 5	26°59	9°50	15°49	17°11	20°24	n.a.	M13
T 14	15 17 45	20° 4'01	7♏10	29°32	29°16	12°52	18°15	12°34	28° 3	26°59	9°51	15°45	17° 8	20°30	n.a.	T 14
W15	15 21 42	21° 1'12	19° 0	29°59	29°45	12°45	18°20	12°38	28° 1	26°59	9°52	15°42	17° 5	20°37	n.a.	W15
T 16	15 25 38	21°58'22	0♐48	0♉30	0♋12	12°39	18°25	12°42	27°58	26°59	9°53	15°40	17° 2	20°44	n.a.	T 16
F 17	15 29 35	22°55'32	12°38	1° 6	0°38	12°34	18°30	12°46	27°56	26°59	9°55	15°D39	16°59	20°50	n.a.	F 17
S 18	15 33 31	23°52'42	24°31	1°46	1° 2	12°30	18°35	12°50	27°54	27° 0	9°56	15°39	16°56	20°57	n.a.	S 18
S 19	15 37 28	24°49'51	6♑30	2°30	1°25	12°27	18°41	12°54	27°52	27° 0	9°57	15°40	16°52	21° 4	n.a.	S 19
M20	15 41 24	25°47'00	18°39	3°19	1°45	12°24	18°46	12°58	27°50	27° 0	9°59	15°42	16°49	21°10	n.a.	M20
T 21	15 45 21	26°44'09	1♒ 1	4°11	2° 4	12°22	18°52	13° 2	27°48	27° 1	10° 0	15°43	16°46	21°17	n.a.	T 21
W22	15 49 18	27°41'17	13°39	5° 7	2°21	12°21	18°58	13° 6	27°46	27° 1	10° 1	15°44	16°43	21°24	n.a.	W22
T 23	15 53 14	28°38'25	26°38	6° 7	2°36	12°D21	19° 4	13° 9	27°43	27° 1	10° 3	15°R45	16°40	21°30	n.a.	T 23
F 24	15 57 11	29°35'34	10♓ 0	7°11	2°49	12°22	19°10	13°13	27°41	27° 2	10° 4	15°45	16°37	21°37	n.a.	F 24
S 25	16 1 7	0♊32'42	23°48	8°18	3° 0	12°23	19°17	13°16	27°39	27° 2	10° 5	15°44	16°33	21°44	n.a.	S 25
S 26	16 5 4	1°29'50	8♈ 1	9°30	3° 9	12°26	19°23	13°20	27°38	27° 3	10° 7	15°42	16°30	21°50	n.a.	S 26
M27	16 9 0	2°26'58	22°38	10°45	3°15	12°29	19°30	13°23	27°36	27° 3	10° 8	15°41	16°27	21°57	n.a.	M27
T 28	16 12 57	3°24'07	7♉34	12° 3	3°20	12°33	19°37	13°26	27°34	27° 4	10°10	15°39	16°24	22° 4	n.a.	T 28
W29	16 16 53	4°21'15	22°41	13°25	3°R22	12°38	19°44	13°29	27°32	27° 4	10°11	15°38	16°21	22°10	n.a.	W29
T 30	16 20 50	5°18'23	7♊51	14°51	3°22	12°43	19°51	13°32	27°30	27° 5	10°13	15°38	16°17	22°17	n.a.	T 30
F 31	16 24 47	6♊15'32	22♊54	16♉20	3♋20	12♎49	19♌58	13♓35	27♎28	27♌ 5	10♋14	15°D38	16♐14	22♏24	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	14n13	18n55	2n44	9n37	2s13	26n53	3n30	5s51	0n21	17n 6	1n23	9s16	2s 7	10s39	0n28	13n49	1n15	28n45	5n25	22s58	23s 8	20s 4			n.a.
T 2	14 32	21 42	1 29	9 14	2 27	26 55	3 29	5 47	0 17	17 5	1 23	9 14	2 7	10 38	0 28	13 49	1 15	28 45	5 25	22 58	23 8	20 5			n.a.
F 3	14 50	22 56	0 9	8 54	2 39	26 56	3 27	5 44	0 14	17 4	1 23	9 12	2 7	10 37	0 28	13 49	1 15	28 44	5 25	22 58	23 7	20 6			n.a.
S 4	15 8	22 31	1s11	8 36	2 51	26 56	3 25	5 41	0 11	17 2	1 22	9 11	2 7	10 36	0 28	13 50	1 15	28 44	5 25	22 58	23 7	20 7			n.a.
S 5	15 26	20 38	2 24	8 20	3 2	26 56	3 23	5 38	0 8	17 1	1 22	9 9	2 8	10 35	0 28	13 50	1 15	28 44	5 25	22 58	23 7	20 8			n.a.
M 6	15 44	17 35	3 26	8 6	3 12	26 55	3 20	5 36	0 5	17 0	1 22	9 7	2 8	10 34	0 28	13 50	1 15	28 44	5 25	22 58	23 7	20 9			n.a.
T 7	16 2	13 40	4 15	7 55	3 21	26 54	3 17	5 33	0 2	16 59	1 22	9 6	2 8	10 34	0 28	13 50	1 15	28 44	5 25	22 58	23 6	20 10			n.a.
W 8	16 19	9 12	4 49	7 47	3 28	26 52	3 14	5 31	0s 1	16 57	1 22	9 4	2 8	10 33	0 28	13 50	1 15	28 44	5 24	22 58	23 6	20 11			n.a.
T 9	16 36	4 27	5 9	7 41	3 34	26 50	3 11	5 29	0 4	16 56	1 21	9 2	2 8	10 32	0 28	13 50	1 15	28 44	5 24	22 58	23 6	20 12			n.a.
F 10	16 53	0s22	5 13	7 38	3 39	26 47	3 7	5 28	0 7	16 54	1 21	9 1	2 9	10 31	0 28	13 50	1 15	28 44	5 24	22 58	23 5	20 13			n.a.
S 11	17 9	5 6	5 2	7 37	3 43	26 44	3 4	5 27	0 10	16 53	1 21	8 59	2 9	10 30	0 28	13 50	1 15	28 43	5 24	22 57	23 5	20 14			n.a.
S 12	17 25	9 34	4 38	7 40	3 46	26 41	2 59	5 26	0 12	16 51	1 21	8 58	2 9	10 29	0 28	13 49	1 15	28 43	5 24	22 57	23 5	20 16			n.a.
M13	17 41	13 38	4 2	7 44	3 48	26 37	2 55	5 25	0 15	16 50	1 21	8 56	2 9	10 29	0 28	13 49	1 15	28 43	5 24	22 56	23 4	20 17			n.a.
T 14	17 57	17 8	3 16	7 52	3 49	26 32	2 50	5 25	0 18	16 48	1 20	8 55	2 10	10 28	0 28	13 49	1 15	28 43	5 24	22 56	23 4	20 18			n.a.
W15	18 12	19 55	2 22	8 2	3 48	26 27	2 45	5 24	0 21	16 46	1 20	8 53	2 10	10 27	0 28	13 49	1 15	28 43	5 24	22 55	23 4	20 19			n.a.
T 16	18 27	21 52	1 21	8 14	3 47	26 22	2 40	5 25	0 23	16 44	1 20	8 52	2 10	10 26	0 28	13 49	1 15	28 43	5 24	22 55	23 4	20 20			n.a.
F 17	18 42	22 50	0 17	8 28	3 45	26 16	2 34	5 25	0 26	16 43	1 20	8 50	2 10	10 25	0 28	13 49	1 15	28 43	5 24	22 55	23 3	20 21			n.a.
S 18	18 57	22 46	0n49	8 45	3 42	26 10	2 28	5 26	0 29	16 41	1 20	8 49	2 11	10 25	0 28	13 49	1 15	28 42	5 24	22 55	23 3	20 22			n.a.
S 19	19 11	21 40	1 53	9 4	3 38	26 3	2 22	5 27	0 31	16 39	1 19	8 48	2 11	10 24	0 28	13 49	1 15	28 42	5 24	22 55	23 3	20 23			n.a.
M20	19 25	19 32	2 52	9 25	3 33	25 56	2 15	5 28	0 34	16 37	1 19	8 46	2 11	10 23	0 28	13 49	1 15	28 42	5 24	22 55	23 2	20 24			n.a.
T 21	19 38	16 29	3 45	9 47	3 28	25 49	2 8	5 30	0 36	16 35	1 19	8 45	2 11	10 22	0 28	13 49	1 15	28 42	5 24	22 55	23 2	20 25			n.a.
W22	19 51	12 37	4 28	10 12	3 22	25 41	2 0	5 32	0 39	16 33	1 19	8 44	2 12	10 22	0 28	13 48	1 15	28 42	5 24	22 56	23 2	20 26			n.a.
T 23	20 4	8 5	4 59	10 38	3 15	25 33	1 52	5 34	0 41	16 31	1 19	8 43	2 12	10 21	0 28	13 48	1 15	28 42	5 24	22 56	23 1	20 27			n.a.
F 24	20 17	3 3	5 15	11 6	3 7	25 24	1 44	5 36	0 44	16 29	1 19	8 42	2 12	10 20	0 28	13 48	1 15	28 42	5 24	22 56	23 1	20 28			n.a.
S 25	20 29	2n18	5 13	11 36	2 59	25 15	1 35	5 39	0 46	16 26	1 18	8 41	2 12	10 20	0 27	13 48	1 15	28 42	5 24	22 56	23 1	20 29			n.a.
S 26	20 41	7 41	4 53	12 7	2 51	25 6	1 26	5 42	0 48	16 24	1 18	8 40	2 13	10 19	0 27	13 48	1 15	28 41	5 24	22 55	23 0	20 30			n.a.
M27	20 53	12 48	4 13	12 39	2 41	24 56	1 17	5 46	0 51	16 22	1 18	8 38	2 13	10 18	0 27	13 48	1 15	28 41	5 24	22 55	23 0	20 31			n.a.
T 28	21 4	17 16	3 16	13 13	2 32	24 46	1 7	5 49	0 53	16 20	1 18	8 37	2 13	10 18	0 27	13 47	1 15	28 41	5 24	22 55	23 0	20 32			n.a.
W29	21 15	20 38	2 4	13 47	2 22	24 36	0 57	5 53	0 55	16 17	1 18	8 37	2 13	10 17	0 27	13 47	1 14	28 41	5 24	22 55	22 59	20 33			n.a.
T 30	21 25	22 34	0 43	14 23	2 11	24 26	0 46	5 57	0 57	16 15	1 18	8 36	2 14	10 16	0 27	13 47	1 14	28 41	5 24	22 55	22 59	20 34			n.a.
F 31	21n35	22n50	0s40	14n59	2s 0	24n15	0n35	6s 2	0s59	16n12	1n17	8s35	2s14	10s16	0n27	13n47	1n14	28n41	5n24	22s55	22s59	20s35			n.a.

Julian Day Number = 1708029.5, Delta T = 03h02m10s
Ecliptic obliquity = 23°41'56, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°34'09, Lahiri = - 4°27'08 Julian Calendar 1 May 37 BCE == Greg. Calendar 29 Apr. 037 BCE

The year -36 astronomical counting style corresponds to year 037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 37 BCE
geocentric

JUNE 37 BCE (-36) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 28 43	7♊12'40	7♋42	17♉52	3°R15	12♎56	20♌ 5	13♓38	27°R27	27♌ 6	10♋16	15♐38	16♐11	22♏30	n.a.	S 1
S 2	16 32 40	8° 9'48	22° 8	19°28	3♋ 8	13° 4	20°13	13°41	27♎25	27° 7	10°17	15°39	16° 8	22°37	n.a.	S 2
M 3	16 36 36	9° 6'55	6♌ 9	21° 7	2°59	13°13	20°20	13°43	27°23	27° 8	10°19	15°39	16° 5	22°44	n.a.	M 3
T 4	16 40 33	10° 4'02	19°43	22°49	2°47	13°22	20°28	13°46	27°22	27° 8	10°20	15°40	16° 2	22°50	n.a.	T 4
W 5	16 44 29	11° 1'10	2♍52	24°35	2°32	13°32	20°36	13°48	27°20	27° 9	10°22	15°40	15°58	22°57	n.a.	W 5
T 6	16 48 26	11°58'16	15°38	26°23	2°16	13°43	20°44	13°51	27°19	27°10	10°23	15°R40	15°55	23° 3	n.a.	T 6
F 7	16 52 22	12°55'23	28° 5	28°15	1°57	13°54	20°52	13°53	27°17	27°11	10°25	15°40	15°52	23°10	n.a.	F 7
S 8	16 56 19	13°52'30	10♎17	0♊ 9	1°36	14° 6	21° 0	13°55	27°16	27°12	10°27	15°40	15°49	23°17	n.a.	S 8
S 9	17 0 16	14°49'36	22°17	2° 6	1°12	14°19	21° 8	13°57	27°14	27°13	10°28	15°40	15°46	23°23	n.a.	S 9
M10	17 4 12	15°46'43	4♏10	4° 5	0°47	14°33	21°16	13°59	27°13	27°14	10°30	15°D40	15°43	23°30	n.a.	M10
T 11	17 8 9	16°43'50	15°59	6° 6	0°19	14°47	21°25	14° 1	27°11	27°15	10°31	15°40	15°39	23°37	n.a.	T 11
W12	17 12 5	17°40'57	27°47	8°10	29♊50	15° 1	21°34	14° 3	27°10	27°16	10°33	15°40	15°36	23°43	n.a.	W12
T 13	17 16 2	18°38'04	9♐38	10°14	29°19	15°17	21°42	14° 4	27° 9	27°17	10°35	15°40	15°33	23°50	n.a.	T 13
F 14	17 19 58	19°35'12	21°33	12°21	28°47	15°33	21°51	14° 6	27° 8	27°18	10°36	15°R40	15°30	23°57	n.a.	F 14
S 15	17 23 55	20°32'20	3♑34	14°28	28°13	15°49	22° 0	14° 7	27° 7	27°19	10°38	15°40	15°27	24° 3	n.a.	S 15
S 16	17 27 51	21°29'28	15°44	16°36	27°38	16° 6	22° 9	14° 9	27° 5	27°20	10°40	15°39	15°23	24°10	n.a.	S 16
M17	17 31 48	22°26'38	28° 5	18°44	27° 2	16°24	22°18	14°10	27° 4	27°21	10°41	15°39	15°20	24°17	n.a.	M17
T 18	17 35 45	23°23'47	10♒38	20°53	26°25	16°42	22°27	14°11	27° 3	27°22	10°43	15°38	15°17	24°23	n.a.	T 18
W19	17 39 41	24°20'58	23°26	23° 1	25°48	17° 1	22°37	14°12	27° 2	27°23	10°45	15°37	15°14	24°30	n.a.	W19
T 20	17 43 38	25°18'09	6♓30	25° 9	25°11	17°20	22°46	14°13	27° 1	27°25	10°46	15°36	15°11	24°37	n.a.	T 20
F 21	17 47 34	26°15'21	19°52	27°16	24°33	17°40	22°56	14°14	27° 1	27°26	10°48	15°35	15° 8	24°43	n.a.	F 21
S 22	17 51 31	27°12'34	3♈34	29°23	23°56	18° 1	23° 5	14°14	27° 0	27°27	10°50	15°D35	15° 4	24°50	n.a.	S 22
S 23	17 55 27	28° 9'48	17°36	1♋29	23°20	18°22	23°15	14°15	26°59	27°28	10°52	15°36	15° 1	24°57	n.a.	S 23
M24	17 59 24	29° 7'03	1♉58	3°33	22°44	18°43	23°25	14°16	26°58	27°30	10°53	15°37	14°58	25° 3	n.a.	M24
T 25	18 3 21	0♋ 4'19	16°35	5°36	22° 9	19° 5	23°35	14°16	26°57	27°31	10°55	15°38	14°55	25°10	n.a.	T 25
W26	18 7 17	1° 1'36	1♊25	7°38	21°35	19°28	23°45	14°16	26°57	27°33	10°57	15°39	14°52	25°17	n.a.	W26
T 27	18 11 14	1°58'54	16°20	9°38	21° 3	19°50	23°55	14°17	26°56	27°34	10°58	15°R39	14°48	25°23	n.a.	T 27
F 28	18 15 10	2°56'14	1♋14	11°37	20°32	20°14	24° 5	14°17	26°56	27°35	11° 0	15°38	14°45	25°30	n.a.	F 28
S 29	18 19 7	3°53'33	15°57	13°34	20° 3	20°38	24°15	14°R17	26°55	27°37	11° 2	15°37	14°42	25°37	n.a.	S 29
S 30	18 23 3	4♋50'54	0♌24	15♋30	19♊35	21♎ 2	24♌26	14♓17	26♎55	27♌38	11♋ 4	15♐35	14♐39	25♏43	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n45	21n29	2s 0	15n36	1s49	24n 3	0n24	6s 6	1s 1	16n10	1n17	8s34	2s14	10s15	0n27	13n46	1n14	28n41	5n24	22s55	22s58	20s36		n.a.
S 2	21 54	18 45	3 9	16 13	1 38	23 52	0 12	6 11	1 3	16 7	1 17	8 33	2 15	10 14	0 27	13 46	1 14	28 40	5 24	22 55	22 58	20 37		n.a.
M 3	22 3	14 59	4 5	16 51	1 26	23 40	0s 0	6 16	1 5	16 5	1 17	8 32	2 15	10 14	0 27	13 46	1 14	28 40	5 24	22 55	22 58	20 38		n.a.
T 4	22 12	10 32	4 46	17 29	1 14	23 28	0 13	6 22	1 7	16 2	1 17	8 32	2 15	10 13	0 27	13 45	1 14	28 40	5 24	22 55	22 57	20 39		n.a.
W 5	22 20	5 45	5 10	18 7	1 2	23 15	0 25	6 27	1 9	15 59	1 17	8 31	2 15	10 13	0 27	13 45	1 14	28 40	5 24	22 55	22 57	20 40		n.a.
T 6	22 28	0 51	5 18	18 45	0 50	23 2	0 38	6 33	1 11	15 57	1 16	8 30	2 16	10 12	0 27	13 45	1 14	28 40	5 24	22 55	22 57	20 40		n.a.
F 7	22 36	3s58	5 10	19 22	0 38	22 49	0 52	6 39	1 13	15 54	1 16	8 30	2 16	10 12	0 27	13 45	1 14	28 40	5 24	22 55	22 56	20 41		n.a.
S 8	22 43	8 32	4 49	19 59	0 26	22 36	1 5	6 46	1 14	15 51	1 16	8 29	2 16	10 11	0 27	13 44	1 14	28 40	5 24	22 55	22 56	20 42		n.a.
S 9	22 49	12 42	4 15	20 34	0 14	22 22	1 19	6 52	1 16	15 48	1 16	8 29	2 17	10 11	0 27	13 44	1 14	28 40	5 24	22 55	22 56	20 43		n.a.
M10	22 56	16 21	3 31	21 9	0 3	22 9	1 33	6 59	1 18	15 45	1 16	8 28	2 17	10 10	0 27	13 43	1 14	28 39	5 24	22 55	22 55	20 44		n.a.
T 11	23 2	19 19	2 38	21 42	0n 8	21 55	1 47	7 6	1 20	15 42	1 16	8 28	2 17	10 10	0 27	13 43	1 14	28 39	5 24	22 55	22 55	20 45		n.a.
W12	23 7	21 28	1 38	22 13	0 19	21 41	2 1	7 13	1 21	15 40	1 15	8 27	2 17	10 9	0 27	13 43	1 14	28 39	5 24	22 55	22 55	20 46		n.a.
T 13	23 12	22 41	0 33	22 43	0 30	21 26	2 16	7 21	1 23	15 37	1 15	8 27	2 18	10 9	0 27	13 42	1 14	28 39	5 24	22 55	22 54	20 47		n.a.
F 14	23 17	22 53	0n33	23 11	0 40	21 12	2 30	7 29	1 24	15 34	1 15	8 26	2 18	10 8	0 27	13 42	1 14	28 39	5 24	22 55	22 54	20 48		n.a.
S 15	23 21	22 1	1 38	23 36	0 49	20 57	2 44	7 36	1 26	15 30	1 15	8 26	2 18	10 8	0 27	13 42	1 14	28 39	5 24	22 55	22 54	20 49		n.a.
S 16	23 25	20 7	2 39	23 59	0 58	20 43	2 58	7 44	1 27	15 27	1 15	8 26	2 19	10 8	0 27	13 41	1 14	28 39	5 24	22 55	22 53	20 49		n.a.
M17	23 29	17 16	3 34	24 19	1 6	20 28	3 11	7 53	1 29	15 24	1 15	8 26	2 19	10 7	0 27	13 41	1 14	28 39	5 24	22 55	22 53	20 50		n.a.
T 18	23 32	13 35	4 20	24 37	1 14	20 14	3 25	8 1	1 30	15 21	1 15	8 25	2 19	10 7	0 27	13 40	1 14	28 38	5 24	22 55	22 53	20 51		n.a.
W19	23 35	9 14	4 54	24 51	1 21	20 0	3 38	8 10	1 31	15 18	1 14	8 25	2 19	10 7	0 27	13 40	1 14	28 38	5 24	22 55	22 52	20 52		n.a.
T 20	23 37	4 23	5 13	25 3	1 27	19 46	3 51	8 18	1 33	15 15	1 14	8 25	2 20	10 6	0 27	13 39	1 14	28 38	5 24	22 55	22 52	20 53		n.a.
F 21	23 39	0n47	5 16	25 13	1 32	19 32	4 3	8 27	1 34	15 11	1 14	8 25	2 20	10 6	0 27	13 39	1 14	28 38	5 24	22 55	22 52	20 54		n.a.
S 22	23 40	6 2	5 2	25 19	1 37	19 19	4 15	8 36	1 35	15 8	1 14	8 25	2 20	10 6	0 27	13 38	1 14	28 38	5 24	22 55	22 51	20 55		n.a.
S 23	23 41	11 7	4 29	25 22	1 41	19 6	4 27	8 46	1 37	15 5	1 14	8 25	2 21	10 6	0 27	13 38	1 14	28 38	5 24	22 55	22 51	20 55		n.a.
M24	23 42	15 42	3 39	25 23	1 44	18 53	4 37	8 55	1 38	15 1	1 14	8 25	2 21	10 5	0 27	13 37	1 14	28 38	5 24	22 55	22 50	20 56		n.a.
T 25	23 42	19 26	2 34	25 21	1 47	18 41	4 48	9 5	1 39	14 58	1 14	8 25	2 21	10 5	0 27	13 37	1 14	28 38	5 24	22 55	22 50	20 57		n.a.
W26	23 42	21 56	1 18	25 17	1 48	18 29	4 57	9 14	1 40	14 54	1 14	8 25	2 21	10 5	0 27	13 36	1 14	28 38	5 24	22 55	22 50	20 58		n.a.
T 27	23 41	22 56	0s 4	25 10	1 50	18 18	5 6	9 24	1 41	14 51	1 13	8 26	2 22	10 5	0 27	13 36	1 14	28 37	5 24	22 55	22 49	20 59		n.a.
F 28	23 40	22 16	1 25	25 1	1 50	18 7	5 15	9 34	1 42	14 47	1 13	8 26	2 22	10 5	0 27	13 35	1 14	28 37	5 24	22 55	22 49	21 0		n.a.
S 29	23 38	20 5	2 40	24 49	1 50	17 58	5 23	9 44	1 44	14 44	1 13	8 26	2 22	10 4	0 27	13 35	1 14	28 37	5 24	22 55	22 49	21 0		n.a.
S 30	23n37	16n40	3s43	24n36	1n49	17n48	5s30	9s54	1s45	14n40	1n13	8s26	2s23	10s 4	0n26	13n34	1n14	28n37	5n24	22s55	22s48	21s 1		n.a.

Julian Day Number = 1708060.5, Delta T = 03h02m09s
Ecliptic obliquity = 23°41'55, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°34'05, Lahiri = - 4°27'04 Julian Calendar 1 June 37 BCE == Greg. Calendar 30 May 037 BCE

The year -36 astronomical counting style corresponds to year 037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 37 BCE
geocentric

JULY 37 BCE (-36) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 27 0	5♋48'16	14♌28	17♋24	19°R10	21♎27	24♌36	14°R16	26°R54	27♌40	11♋ 5	15°R32	14♐36	25♏50	n.a.	M 1
T 2	18 30 56	6°45'38	28° 8	19°17	18♊46	21°52	24°47	14♓16	26♎54	27°41	11° 7	15♐30	14°33	25°57	n.a.	T 2
W 3	18 34 53	7°43'01	11♍21	21° 8	18°25	22°18	24°57	14°16	26°54	27°43	11° 9	15°27	14°29	26° 3	n.a.	W 3
T 4	18 38 50	8°40'24	24°11	22°57	18° 6	22°44	25° 8	14°15	26°53	27°45	11°11	15°25	14°26	26°10	n.a.	T 4
F 5	18 42 46	9°37'49	6♎39	24°44	17°49	23°10	25°19	14°15	26°53	27°46	11°12	15°D25	14°23	26°16	n.a.	F 5
S 6	18 46 43	10°35'14	18°51	26°30	17°34	23°37	25°29	14°14	26°53	27°48	11°14	15°25	14°20	26°23	n.a.	S 6
S 7	18 50 39	11°32'40	0♏49	28°15	17°22	24° 4	25°40	14°13	26°53	27°49	11°16	15°26	14°17	26°30	n.a.	S 7
M 8	18 54 36	12°30'07	12°41	29°58	17°12	24°32	25°51	14°12	26°D53	27°51	11°18	15°28	14°14	26°36	n.a.	M 8
T 9	18 58 32	13°27'35	24°29	1♌39	17° 5	25° 0	26° 2	14°11	26°53	27°53	11°19	15°29	14°10	26°43	n.a.	T 9
W10	19 2 29	14°25'04	6♐19	3°18	17° 0	25°29	26°13	14°10	26°53	27°55	11°21	15°31	14° 7	26°50	n.a.	W10
T 11	19 6 25	15°22'34	18°13	4°56	16°57	25°57	26°25	14° 9	26°53	27°56	11°23	15°R31	14° 4	26°56	n.a.	T 11
F 12	19 10 22	16°20'05	0♉16	6°33	16°D57	26°26	26°36	14° 7	26°53	27°58	11°25	15°30	14° 1	27° 3	n.a.	F 12
S 13	19 14 19	17°17'37	12°29	8° 8	16°59	26°56	26°47	14° 6	26°54	28° 0	11°26	15°27	13°58	27°10	n.a.	S 13
S 14	19 18 15	18°15'11	24°54	9°41	17° 3	27°26	26°59	14° 4	26°54	28° 2	11°28	15°23	13°54	27°16	n.a.	S 14
M15	19 22 12	19°12'46	7♒33	11°13	17°10	27°56	27°10	14° 3	26°54	28° 3	11°30	15°18	13°51	27°23	n.a.	M15
T 16	19 26 8	20°10'22	20°24	12°43	17°19	28°26	27°22	14° 1	26°55	28° 5	11°32	15°13	13°48	27°30	n.a.	T 16
W17	19 30 5	21° 8'00	3♓30	14°12	17°30	28°57	27°33	13°59	26°55	28° 7	11°33	15° 7	13°45	27°36	n.a.	W17
T 18	19 34 1	22° 5'39	16°48	15°39	17°42	29°28	27°45	13°57	26°56	28° 9	11°35	15° 2	13°42	27°43	n.a.	T 18
F 19	19 37 58	23° 3'21	0♈20	17° 4	17°57	29°59	27°56	13°55	26°56	28°11	11°37	14°58	13°39	27°50	n.a.	F 19
S 20	19 41 54	24° 1'03	14° 4	18°28	18°14	0♏31	28° 8	13°53	26°57	28°13	11°39	14°56	13°35	27°56	n.a.	S 20
S 21	19 45 51	24°58'48	28° 1	19°50	18°33	1° 3	28°20	13°51	26°57	28°15	11°40	14°D56	13°32	28° 3	n.a.	S 21
M22	19 49 48	25°56'34	12♉ 9	21°10	18°54	1°35	28°32	13°49	26°58	28°17	11°42	14°57	13°29	28°10	n.a.	M22
T 23	19 53 44	26°54'23	26°28	22°29	19°16	2° 8	28°44	13°46	26°59	28°19	11°44	14°58	13°26	28°16	n.a.	T 23
W24	19 57 41	27°52'13	10♊55	23°46	19°40	2°41	28°56	13°44	27° 0	28°21	11°45	14°R59	13°23	28°23	n.a.	W24
T 25	20 1 37	28°50'05	25°27	25° 1	20° 6	3°14	29° 8	13°41	27° 0	28°23	11°47	14°59	13°20	28°30	n.a.	T 25
F 26	20 5 34	29°47'59	9♋59	26°14	20°34	3°47	29°20	13°39	27° 1	28°25	11°49	14°56	13°16	28°36	n.a.	F 26
S 27	20 9 30	0♌45'55	24°25	27°25	21° 2	4°21	29°32	13°36	27° 2	28°27	11°51	14°52	13°13	28°43	n.a.	S 27
S 28	20 13 27	1°43'52	8♌40	28°34	21°33	4°55	29°44	13°33	27° 3	28°29	11°52	14°46	13°10	28°49	n.a.	S 28
M29	20 17 23	2°41'51	22°37	29°41	22° 5	5°29	29°56	13°30	27° 4	28°31	11°54	14°38	13° 7	28°56	n.a.	M29
T 30	20 21 20	3°39'51	6♍13	0♍45	22°38	6° 4	0♍ 9	13°27	27° 5	28°33	11°56	14°30	13° 4	29° 3	n.a.	T 30
W31	20 25 17	4♌37'53	19♍26	1♍47	23♊12	6♏39	0♍21	13♓24	27♎ 7	28♌35	11♋57	14♐22	13♐ 0	29♏ 9	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n34	12n21	4s30	24n20	1n48	17n40	5s36	10s 5	1s46	14n36	1n13	8s27	2s23	10s 4	0n26	13n34	1n14	28n37	5n25	22s54	22s48	21s 2			n.a.
T 2	23 31	7 33	5 1	24 2	1 46	17 32	5 42	10 15	1 47	14 33	1 13	8 27	2 23	10 4	0 26	13 33	1 14	28 37	5 25	22 54	22 48	21 3			n.a.
W 3	23 28	2 32	5 14	23 43	1 43	17 26	5 47	10 26	1 48	14 29	1 13	8 28	2 23	10 4	0 26	13 33	1 14	28 37	5 25	22 54	22 47	21 4			n.a.
T 4	23 25	2s25	5 12	23 22	1 40	17 19	5 52	10 37	1 48	14 25	1 13	8 28	2 24	10 4	0 26	13 32	1 13	28 37	5 25	22 53	22 47	21 4			n.a.
F 5	23 21	7 9	4 54	23 0	1 37	17 14	5 55	10 47	1 49	14 22	1 13	8 29	2 24	10 4	0 26	13 32	1 13	28 37	5 25	22 53	22 46	21 5			n.a.
S 6	23 16	11 30	4 23	22 36	1 33	17 9	5 59	10 58	1 50	14 18	1 12	8 29	2 24	10 4	0 26	13 31	1 13	28 37	5 25	22 53	22 46	21 6			n.a.
S 7	23 11	15 20	3 42	22 11	1 28	17 6	6 1	11 9	1 51	14 14	1 12	8 30	2 25	10 4	0 26	13 30	1 13	28 37	5 25	22 54	22 46	21 7			n.a.
M 8	23 6	18 31	2 51	21 44	1 24	17 3	6 4	11 20	1 52	14 10	1 12	8 30	2 25	10 4	0 26	13 30	1 13	28 36	5 25	22 54	22 45	21 7			n.a.
T 9	23 1	20 55	1 53	21 17	1 18	17 0	6 5	11 32	1 53	14 6	1 12	8 31	2 25	10 4	0 26	13 29	1 13	28 36	5 25	22 54	22 45	21 8			n.a.
W10	22 55	22 25	0 50	20 48	1 13	16 59	6 6	11 43	1 54	14 2	1 12	8 32	2 25	10 4	0 26	13 29	1 13	28 36	5 25	22 54	22 45	21 9			n.a.
T 11	22 48	22 55	0n15	20 19	1 7	16 58	6 7	11 54	1 54	13 58	1 12	8 32	2 26	10 4	0 26	13 28	1 13	28 36	5 25	22 54	22 44	21 10			n.a.
F 12	22 41	22 22	1 20	19 49	1 0	16 58	6 7	12 6	1 55	13 54	1 12	8 33	2 26	10 4	0 26	13 27	1 13	28 36	5 25	22 54	22 44	21 10			n.a.
S 13	22 34	20 45	2 22	19 18	0 54	16 58	6 7	12 17	1 56	13 50	1 12	8 34	2 26	10 4	0 26	13 27	1 13	28 36	5 25	22 54	22 43	21 11			n.a.
S 14	22 26	18 7	3 19	18 46	0 47	16 59	6 6	12 29	1 56	13 46	1 12	8 35	2 26	10 4	0 26	13 26	1 13	28 36	5 25	22 53	22 43	21 12			n.a.
M15	22 18	14 37	4 7	18 14	0 40	17 1	6 5	12 40	1 57	13 42	1 12	8 36	2 27	10 4	0 26	13 25	1 13	28 36	5 26	22 53	22 43	21 13			n.a.
T 16	22 10	10 23	4 43	17 41	0 32	17 3	6 3	12 52	1 58	13 38	1 12	8 37	2 27	10 5	0 26	13 25	1 13	28 36	5 26	22 52	22 42	21 13			n.a.
W17	22 1	5 36	5 5	17 8	0 24	17 6	6 2	13 4	1 58	13 34	1 11	8 38	2 27	10 5	0 26	13 24	1 13	28 36	5 26	22 51	22 42	21 14			n.a.
T 18	21 52	0 30	5 11	16 35	0 16	17 9	6 0	13 15	1 59	13 30	1 11	8 39	2 28	10 5	0 26	13 23	1 13	28 36	5 26	22 51	22 41	21 15			n.a.
F 19	21 42	4n43	5 0	16 1	0 8	17 13	5 57	13 27	2 0	13 26	1 11	8 40	2 28	10 5	0 26	13 23	1 13	28 36	5 26	22 50	22 41	21 15			n.a.
S 20	21 32	9 46	4 32	15 27	0s 1	17 17	5 54	13 39	2 0	13 22	1 11	8 41	2 28	10 6	0 26	13 22	1 13	28 36	5 26	22 50	22 41	21 16			n.a.
S 21	21 22	14 25	3 48	14 53	0 9	17 22	5 51	13 51	2 1	13 18	1 11	8 42	2 28	10 6	0 26	13 21	1 13	28 36	5 26	22 50	22 40	21 17			n.a.
M22	21 11	18 19	2 49	14 19	0 18	17 27	5 48	14 3	2 1	13 13	1 11	8 43	2 29	10 6	0 26	13 21	1 13	28 35	5 26	22 50	22 40	21 18			n.a.
T 23	21 0	21 11	1 39	13 44	0 27	17 32	5 45	14 15	2 2	13 9	1 11	8 44	2 29	10 6	0 26	13 20	1 13	28 35	5 26	22 50	22 40	21 18			n.a.
W24	20 49	22 41	0 22	13 10	0 37	17 37	5 41	14 27	2 2	13 5	1 11	8 45	2 29	10 7	0 26	13 19	1 13	28 35	5 26	22 51	22 39	21 19			n.a.
T 25	20 37	22 41	0s56	12 36	0 46	17 43	5 37	14 39	2 3	13 0	1 11	8 46	2 29	10 7	0 26	13 18	1 13	28 35	5 27	22 51	22 39	21 20			n.a.
F 26	20 25	21 8	2 11	12 3	0 55	17 49	5 33	14 51	2 3	12 56	1 11	8 48	2 30	10 7	0 26	13 18	1 13	28 35	5 27	22 50	22 38	21 20			n.a.
S 27	20 12	18 14	3 17	11 29	1 5	17 55	5 29	15 3	2 4	12 52	1 11	8 49	2 30	10 8	0 26	13 17	1 13	28 35	5 27	22 50	22 38	21 21			n.a.
S 28	19 59	14 17	4 9	10 56	1 15	18 2	5 24	15 15	2 4	12 47	1 11	8 50	2 30	10 8	0 26	13 16	1 13	28 35	5 27	22 49	22 38	21 22			n.a.
M29	19 46	9 38	4 45	10 24	1 24	18 8	5 20	15 27	2 4	12 43	1 11	8 52	2 30	10 9	0 26	13 16	1 13	28 35	5 27	22 48	22 37	21 22			n.a.
T 30	19 33	4 37	5 4	9 52	1 34	18 15	5 15	15 39	2 5	12 39	1 11	8 53	2 31	10 9	0 26	13 15	1 13	28 35	5 27	22 47	22 37	21 23			n.a.
W31	19n19	0s28	5s 6	9n20	1s44	18n22	5s10	15s51	2s 5	12n34	1n11	8s54	2s31	10s 9	0n26	13n14	1n13	28n35	5n27	22s46	22s36	21s23			n.a.

Julian Day Number = 1708090.5, Delta T = 03h02m08s
Ecliptic obliquity = 23°41'55, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°34'01, Lahiri = - 4°27'00 Julian Calendar 1 July 37 BCE == Greg. Calendar 29 June 037 BCE

The year -36 astronomical counting style corresponds to year 037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 37 BCE
geocentric

AUGUST 37 BCE (-36) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 29 13	5♌35'57	2♎16	2♍47	23♊48	7♏14	0♍33	13°R21	27♎ 8	28♌37	11♋59	14°R16	12♐57	29♏16	n.a.	T 1
F 2	20 33 10	6°34'02	14°46	3°44	24°25	7°49	0°46	13♓18	27° 9	28°39	12° 1	14♐12	12°54	29°23	n.a.	F 2
S 3	20 37 6	7°32'08	26°57	4°38	25° 4	8°24	0°58	13°14	27°10	28°41	12° 2	14° 9	12°51	29°29	n.a.	S 3
S 4	20 41 3	8°30'16	8♏56	5°29	25°43	9° 0	1°10	13°11	27°12	28°43	12° 4	14°D 8	12°48	29°36	n.a.	S 4
M 5	20 44 59	9°28'26	20°47	6°17	26°23	9°36	1°23	13° 7	27°13	28°45	12° 5	14° 9	12°45	29°43	n.a.	M 5
T 6	20 48 56	10°26'37	2♐36	7° 2	27° 5	10°12	1°35	13° 4	27°14	28°47	12° 7	14°10	12°41	29°49	n.a.	T 6
W 7	20 52 52	11°24'50	14°27	7°43	27°47	10°48	1°48	13° 0	27°16	28°50	12° 8	14°R10	12°38	29°56	n.a.	W 7
T 8	20 56 49	12°23'05	26°26	8°20	28°31	11°25	2° 1	12°57	27°18	28°52	12°10	14°10	12°35	0♑ 3	n.a.	T 8
F 9	21 0 46	13°21'21	8♑36	8°53	29°16	12° 2	2°13	12°53	27°19	28°54	12°12	14° 7	12°32	0° 9	n.a.	F 9
S 10	21 4 42	14°19'39	21° 0	9°21	0♋ 1	12°39	2°26	12°49	27°21	28°56	12°13	14° 1	12°29	0°16	n.a.	S 10
S 11	21 8 39	15°17'59	3♒41	9°45	0°47	13°16	2°39	12°45	27°22	28°58	12°15	13°54	12°26	0°23	n.a.	S 11
M12	21 12 35	16°16'20	16°39	10° 3	1°35	13°53	2°51	12°41	27°24	29° 0	12°16	13°44	12°22	0°29	n.a.	M12
T 13	21 16 32	17°14'44	29°54	10°17	2°23	14°31	3° 4	12°37	27°26	29° 3	12°18	13°34	12°19	0°36	n.a.	T 13
W14	21 20 28	18°13'10	13♓23	10°24	3°11	15° 8	3°17	12°33	27°28	29° 5	12°19	13°23	12°16	0°43	n.a.	W14
T 15	21 24 25	19°11'37	27° 5	10°R26	4° 1	15°46	3°30	12°29	27°30	29° 7	12°21	13°13	12°13	0°49	n.a.	T 15
F 16	21 28 21	20°10'07	10♈55	10°21	4°51	16°25	3°42	12°25	27°32	29° 9	12°22	13° 6	12°10	0°56	n.a.	F 16
S 17	21 32 18	21° 8'39	24°53	10°10	5°42	17° 3	3°55	12°21	27°34	29°11	12°24	13° 1	12° 6	1° 2	n.a.	S 17
S 18	21 36 15	22° 7'13	8♉54	9°51	6°34	17°41	4° 8	12°16	27°36	29°14	12°25	12°58	12° 3	1° 9	n.a.	S 18
M19	21 40 11	23° 5'50	23° 0	9°26	7°27	18°20	4°21	12°12	27°38	29°16	12°26	12°D57	12° 0	1°16	n.a.	M19
T 20	21 44 8	24° 4'29	7♊ 7	8°54	8°20	18°59	4°34	12° 8	27°40	29°18	12°28	12°R58	11°57	1°22	n.a.	T 20
W21	21 48 4	25° 3'11	21°16	8°15	9°14	19°38	4°47	12° 3	27°42	29°20	12°29	12°57	11°54	1°29	n.a.	W21
T 22	21 52 1	26° 1'55	5♋24	7°30	10° 8	20°17	5° 0	11°59	27°44	29°23	12°31	12°56	11°51	1°36	n.a.	T 22
F 23	21 55 57	27° 0'41	19°31	6°39	11° 3	20°56	5°13	11°54	27°46	29°25	12°32	12°52	11°47	1°42	n.a.	F 23
S 24	21 59 54	27°59'30	3♌32	5°42	11°58	21°36	5°26	11°50	27°49	29°27	12°33	12°44	11°44	1°49	n.a.	S 24
S 25	22 3 50	28°58'20	17°24	4°41	12°54	22°15	5°39	11°45	27°51	29°29	12°34	12°35	11°41	1°56	n.a.	S 25
M26	22 7 47	29°57'13	1♍ 3	3°36	13°51	22°55	5°52	11°41	27°53	29°32	12°36	12°23	11°38	2° 2	n.a.	M26
T 27	22 11 43	0♍56'08	14°25	2°30	14°48	23°35	6° 5	11°36	27°56	29°34	12°37	12°10	11°35	2° 9	n.a.	T 27
W28	22 15 40	1°55'05	27°30	1°24	15°46	24°15	6°18	11°31	27°58	29°36	12°38	11°58	11°32	2°16	n.a.	W28
T 29	22 19 37	2°54'04	10♎14	0°19	16°44	24°55	6°31	11°27	28° 1	29°38	12°40	11°48	11°28	2°22	n.a.	T 29
F 30	22 23 33	3°53'04	22°41	29♌18	17°42	25°36	6°44	11°22	28° 3	29°40	12°41	11°39	11°25	2°29	n.a.	F 30
S 31	22 27 30	4♍52'07	4♏51	28♌21	18♋41	26♏16	6♍57	11♓17	28♎ 6	29♌43	12♋42	11♐34	11♐22	2♐36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	19n 5	5s23	4s53	8n49	1s54	18n28	5s 5	16s 3	2s 6	12n30	1n11	8s56	2s31	10s10	0n25	13n13	1n13	28n35	5n27	22s46	22s36	21s24		n.a.	T 1
F 2	18 50	9 57	4 25	8 20	2 4	18 35	5 0	16 15	2 6	12 25	1 10	8 57	2 31	10 10	0 25	13 13	1 13	28 35	5 28	22 45	22 36	21 25		n.a.	F 2
S 3	18 35	14 0	3 46	7 51	2 14	18 42	4 55	16 27	2 6	12 21	1 10	8 59	2 31	10 11	0 25	13 12	1 13	28 35	5 28	22 45	22 35	21 25		n.a.	S 3
S 4	18 20	17 26	2 58	7 23	2 23	18 48	4 50	16 39	2 6	12 16	1 10	9 0	2 32	10 11	0 25	13 11	1 13	28 35	5 28	22 45	22 35	21 26		n.a.	S 4
M 5	18 4	20 7	2 2	6 56	2 33	18 55	4 44	16 51	2 7	12 12	1 10	9 2	2 32	10 12	0 25	13 10	1 13	28 35	5 28	22 45	22 34	21 27		n.a.	M 5
T 6	17 49	21 55	1 2	6 31	2 42	19 1	4 39	17 2	2 7	12 7	1 10	9 4	2 32	10 12	0 25	13 10	1 13	28 35	5 28	22 45	22 34	21 27		n.a.	T 6
W 7	17 33	22 45	0n 1	6 7	2 52	19 8	4 33	17 14	2 7	12 2	1 10	9 5	2 32	10 13	0 25	13 9	1 13	28 35	5 28	22 45	22 33	21 28		n.a.	W 7
T 8	17 16	22 34	1 5	5 45	3 1	19 14	4 28	17 26	2 7	11 58	1 10	9 7	2 32	10 14	0 25	13 8	1 13	28 35	5 28	22 45	22 33	21 28		n.a.	T 8
F 9	17 0	21 18	2 7	5 24	3 10	19 20	4 22	17 38	2 8	11 53	1 10	9 8	2 33	10 14	0 25	13 7	1 13	28 35	5 28	22 44	22 33	21 29		n.a.	F 9
S 10	16 43	19 1	3 4	5 6	3 18	19 26	4 16	17 50	2 8	11 49	1 10	9 10	2 33	10 15	0 25	13 7	1 13	28 35	5 29	22 44	22 32	21 30		n.a.	S 10
S 11	16 25	15 46	3 53	4 49	3 26	19 31	4 10	18 1	2 8	11 44	1 10	9 12	2 33	10 16	0 25	13 6	1 13	28 35	5 29	22 43	22 32	21 30		n.a.	S 11
M12	16 8	11 43	4 31	4 35	3 34	19 37	4 4	18 13	2 8	11 39	1 10	9 13	2 33	10 16	0 25	13 5	1 13	28 35	5 29	22 42	22 31	21 31		n.a.	M12
T 13	15 50	7 2	4 55	4 24	3 41	19 42	3 59	18 24	2 8	11 35	1 10	9 15	2 33	10 17	0 25	13 4	1 13	28 35	5 29	22 40	22 31	21 31		n.a.	T 13
W14	15 32	1 56	5 3	4 15	3 47	19 47	3 53	18 36	2 8	11 30	1 10	9 17	2 33	10 18	0 25	13 3	1 13	28 35	5 29	22 39	22 31	21 32		n.a.	W14
T 15	15 14	3n19	4 54	4 9	3 53	19 52	3 47	18 47	2 9	11 25	1 10	9 19	2 34	10 18	0 25	13 3	1 13	28 35	5 29	22 38	22 30	21 32		n.a.	T 15
F 16	14 55	8 29	4 29	4 7	3 57	19 56	3 41	18 58	2 9	11 21	1 10	9 20	2 34	10 19	0 25	13 2	1 13	28 35	5 30	22 37	22 30	21 33		n.a.	F 16
S 17	14 36	13 14	3 47	4 8	4 1	20 0	3 35	19 10	2 9	11 16	1 10	9 22	2 34	10 20	0 25	13 1	1 13	28 35	5 30	22 36	22 29	21 33		n.a.	S 17
S 18	14 17	17 19	2 51	4 12	4 3	20 4	3 29	19 21	2 9	11 11	1 10	9 24	2 34	10 20	0 25	13 0	1 13	28 35	5 30	22 36	22 29	21 34		n.a.	S 18
M19	13 58	20 24	1 44	4 21	4 4	20 7	3 23	19 32	2 9	11 6	1 10	9 26	2 34	10 21	0 25	13 0	1 13	28 35	5 30	22 36	22 28	21 35		n.a.	M19
T 20	13 38	22 15	0 31	4 33	4 4	20 10	3 17	19 43	2 9	11 2	1 10	9 28	2 34	10 22	0 25	12 59	1 13	28 35	5 30	22 36	22 28	21 35		n.a.	T 20
W21	13 19	22 41	0s44	4 50	4 2	20 12	3 11	19 54	2 9	10 57	1 10	9 29	2 35	10 23	0 25	12 58	1 13	28 35	5 30	22 36	22 28	21 36		n.a.	W21
T 22	12 59	21 39	1 56	5 10	3 58	20 15	3 4	20 5	2 9	10 52	1 10	9 31	2 35	10 24	0 25	12 57	1 13	28 35	5 31	22 36	22 27	21 36		n.a.	T 22
F 23	12 38	19 17	3 1	5 34	3 52	20 16	2 58	20 15	2 9	10 47	1 10	9 33	2 35	10 24	0 25	12 56	1 13	28 35	5 31	22 35	22 27	21 37		n.a.	F 23
S 24	12 18	15 47	3 54	6 2	3 45	20 18	2 52	20 26	2 9	10 42	1 10	9 35	2 35	10 25	0 25	12 56	1 13	28 35	5 31	22 34	22 26	21 37		n.a.	S 24
S 25	11 57	11 27	4 33	6 34	3 35	20 18	2 46	20 36	2 9	10 37	1 10	9 37	2 35	10 26	0 25	12 55	1 13	28 35	5 31	22 33	22 26	21 38		n.a.	S 25
M26	11 37	6 37	4 55	7 8	3 24	20 19	2 40	20 47	2 9	10 33	1 10	9 39	2 35	10 27	0 25	12 54	1 13	28 35	5 31	22 31	22 25	21 38		n.a.	M26
T 27	11 16	1 35	5 1	7 44	3 10	20 19	2 34	20 57	2 9	10 28	1 10	9 41	2 35	10 28	0 25	12 53	1 13	28 35	5 31	22 30	22 25	21 39		n.a.	T 27
W28	10 54	3s25	4 50	8 22	2 55	20 18	2 28	21 7	2 9	10 23	1 10	9 42	2 35	10 29	0 25	12 53	1 13	28 36	5 32	22 28	22 25	21 39		n.a.	W28
T 29	10 33	8 9	4 25	9 1	2 38	20 17	2 22	21 17	2 8	10 18	1 10	9 44	2 35	10 30	0 25	12 52	1 13	28 36	5 32	22 27	22 24	21 40		n.a.	T 29
F 30	10 11	12 26	3 48	9 40	2 20	20 16	2 16	21 27	2 8	10 13	1 10	9 46	2 35	10 31	0 25	12 51	1 13	28 36	5 32	22 26	22 24	21 40		n.a.	F 30
S 31	9n50	16s 7	3s 1	10n18	2s 1	20n14	2s10	21s36	2s 8	10n 8	1n10	9s48	2s36	10s32	0n25	12n50	1n13	28n36	5n32	22s25	22s23	21s41		n.a.	S 31

Julian Day Number = 1708121.5, Delta T = 03h02m07s
Ecliptic obliquity = 23°41'55, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°33'56, Lahiri = - 4°26'56 Julian Calendar 1 Aug. 37 BCE == Greg. Calendar 30 July 037 BCE

The year -36 astronomical counting style corresponds to year 037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 37 BCE
geocentric

SEPTEMBER 37 BCE (-36) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 31 26	5♍51'12	16♏49	27°R30	19♋41	26♏57	7♍10	11°R13	28♎ 8	29♌45	12♋43	11°R30	11♐19	2♐42	n.a.	S 1
M 2	22 35 23	6°50'18	28°39	26♌48	20°41	27°38	7°23	11♓ 8	28°11	29°47	12°44	11♐29	11°16	2°49	n.a.	M 2
T 3	22 39 19	7°49'27	10♐27	26°14	21°41	28°19	7°36	11° 3	28°14	29°49	12°45	11°29	11°12	2°55	n.a.	T 3
W 4	22 43 16	8°48'37	22°18	25°49	22°42	29° 0	7°49	10°58	28°16	29°52	12°46	11°29	11° 9	3° 2	n.a.	W 4
T 5	22 47 12	9°47'50	4♑18	25°36	23°43	29°41	8° 2	10°54	28°19	29°54	12°48	11°28	11° 6	3° 9	n.a.	T 5
F 6	22 51 9	10°47'04	16°31	25°D32	24°44	0♐23	8°15	10°49	28°22	29°56	12°49	11°24	11° 3	3°15	n.a.	F 6
S 7	22 55 6	11°46'20	29° 3	25°39	25°46	1° 4	8°28	10°44	28°25	29°58	12°50	11°18	11° 0	3°22	n.a.	S 7
S 8	22 59 2	12°45'38	11♒55	25°57	26°48	1°46	8°41	10°39	28°27	0♍ 0	12°51	11° 9	10°57	3°29	n.a.	S 8
M 9	23 2 59	13°44'58	25° 9	26°25	27°51	2°27	8°54	10°35	28°30	0° 3	12°52	10°58	10°53	3°35	n.a.	M 9
T 10	23 6 55	14°44'20	8♓45	27° 2	28°53	3° 9	9° 7	10°30	28°33	0° 5	12°53	10°46	10°50	3°42	n.a.	T 10
W11	23 10 52	15°43'44	22°39	27°48	29°57	3°51	9°20	10°25	28°36	0° 7	12°54	10°33	10°47	3°49	n.a.	W11
T 12	23 14 48	16°43'10	6♈47	28°42	1♌ 0	4°33	9°33	10°20	28°39	0° 9	12°55	10°22	10°44	3°55	n.a.	T 12
F 13	23 18 45	17°42'38	21° 4	29°43	2° 4	5°15	9°46	10°16	28°42	0°11	12°55	10°13	10°41	4° 2	n.a.	F 13
S 14	23 22 41	18°42'09	5♉24	0♍51	3° 8	5°57	9°59	10°11	28°45	0°13	12°56	10° 7	10°37	4° 9	n.a.	S 14
S 15	23 26 38	19°41'42	19°43	2° 5	4°13	6°40	10°12	10° 6	28°48	0°16	12°57	10° 3	10°34	4°15	n.a.	S 15
M16	23 30 34	20°41'18	3♊58	3°24	5°18	7°22	10°25	10° 2	28°51	0°18	12°58	10° 2	10°31	4°22	n.a.	M16
T 17	23 34 31	21°40'56	18° 6	4°47	6°23	8° 5	10°38	9°57	28°55	0°20	12°59	10° 2	10°28	4°28	n.a.	T 17
W18	23 38 28	22°40'37	2♋ 7	6°14	7°28	8°47	10°51	9°52	28°58	0°22	13° 0	10° 2	10°25	4°35	n.a.	W18
T 19	23 42 24	23°40'20	16° 0	7°44	8°34	9°30	11° 4	9°48	29° 1	0°24	13° 0	10° 0	10°22	4°42	n.a.	T 19
F 20	23 46 21	24°40'05	29°45	9°16	9°39	10°13	11°17	9°43	29° 4	0°26	13° 1	9°56	10°18	4°48	n.a.	F 20
S 21	23 50 17	25°39'53	13♌21	10°51	10°46	10°56	11°30	9°39	29° 7	0°28	13° 2	9°49	10°15	4°55	n.a.	S 21
S 22	23 54 14	26°39'42	26°48	12°27	11°52	11°39	11°43	9°34	29°11	0°30	13° 3	9°40	10°12	5° 2	n.a.	S 22
M23	23 58 10	27°39'34	10♍ 3	14° 5	12°59	12°22	11°55	9°30	29°14	0°32	13° 3	9°28	10° 9	5° 8	n.a.	M23
T 24	0 2 7	28°39'28	23° 5	15°44	14° 5	13° 5	12° 8	9°26	29°17	0°34	13° 4	9°15	10° 6	5°15	n.a.	T 24
W25	0 6 3	29°39'25	5♎53	17°23	15°13	13°48	12°21	9°21	29°21	0°36	13° 4	9° 3	10° 3	5°22	n.a.	W25
T 26	0 10 0	0♎39'23	18°26	19° 3	16°20	14°32	12°34	9°17	29°24	0°38	13° 5	8°52	9°59	5°28	n.a.	T 26
F 27	0 13 57	1°39'23	0♏44	20°44	17°27	15°15	12°46	9°13	29°27	0°40	13° 6	8°44	9°56	5°35	n.a.	F 27
S 28	0 17 53	2°39'25	12°50	22°24	18°35	15°59	12°59	9° 9	29°31	0°42	13° 6	8°38	9°53	5°42	n.a.	S 28
S 29	0 21 50	3°39'29	24°45	24° 5	19°43	16°42	13°12	9° 4	29°34	0°44	13° 7	8°34	9°50	5°48	n.a.	S 29
M30	0 25 46	4♎39'34	6♐33	25♍46	20♌51	17♐26	13♍24	9♓ 0	29♎38	0♍46	13♋ 7	8°D33	9♐47	5♐55	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n28	19s 4	2s 7	10n54	1s41	20n11	2s 4	21s46	2s 8	10n 3	1n10	9s50	2s36	10s33	0n25	12n49	1n13	28n36	5n32	22s24	22s23	21s41		n.a.
M 2	9 6	21 10	1 8	11 27	1 21	20 8	1 58	21 55	2 8	9 59	1 10	9 52	2 36	10 34	0 25	12 49	1 13	28 36	5 33	22 24	22 22	21 41		n.a.
T 3	8 44	22 21	0 5	11 57	1 1	20 5	1 53	22 4	2 8	9 54	1 10	9 54	2 36	10 35	0 25	12 48	1 13	28 36	5 33	22 24	22 22	21 42		n.a.
W 4	8 21	22 31	0n57	12 24	0 41	20 1	1 47	22 14	2 8	9 49	1 10	9 56	2 36	10 36	0 25	12 47	1 13	28 36	5 33	22 24	22 21	21 42		n.a.
T 5	7 59	21 40	1 58	12 47	0 22	19 56	1 41	22 22	2 7	9 44	1 10	9 57	2 36	10 37	0 25	12 46	1 13	28 36	5 33	22 24	22 21	21 43		n.a.
F 6	7 36	19 47	2 54	13 5	0 4	19 51	1 35	22 31	2 7	9 39	1 10	9 59	2 36	10 38	0 25	12 46	1 13	28 36	5 33	22 24	22 21	21 43		n.a.
S 7	7 13	16 56	3 44	13 19	0n13	19 45	1 29	22 40	2 7	9 34	1 10	10 1	2 36	10 39	0 24	12 45	1 13	28 36	5 34	22 23	22 20	21 44		n.a.
S 8	6 50	13 12	4 23	13 28	0 29	19 39	1 24	22 48	2 7	9 29	1 10	10 3	2 36	10 40	0 24	12 44	1 13	28 36	5 34	22 21	22 20	21 44		n.a.
M 9	6 27	8 44	4 49	13 32	0 44	19 33	1 18	22 57	2 7	9 24	1 10	10 5	2 36	10 41	0 24	12 43	1 13	28 36	5 34	22 20	22 19	21 45		n.a.
T 10	6 4	3 44	5 0	13 32	0 57	19 25	1 12	23 5	2 6	9 19	1 10	10 7	2 36	10 42	0 24	12 42	1 13	28 37	5 34	22 18	22 19	21 45		n.a.
W11	5 41	1n33	4 54	13 27	1 9	19 17	1 7	23 13	2 6	9 14	1 10	10 9	2 36	10 43	0 24	12 42	1 13	28 37	5 34	22 16	22 18	21 45		n.a.
T 12	5 18	6 50	4 30	13 18	1 20	19 9	1 1	23 20	2 6	9 9	1 10	10 10	2 36	10 44	0 24	12 41	1 13	28 37	5 35	22 15	22 18	21 46		n.a.
F 13	4 54	11 49	3 48	13 5	1 29	19 0	0 56	23 28	2 5	9 4	1 11	10 12	2 36	10 45	0 24	12 40	1 13	28 37	5 35	22 13	22 17	21 46		n.a.
S 14	4 31	16 10	2 52	12 48	1 37	18 51	0 51	23 35	2 5	9 0	1 11	10 14	2 36	10 46	0 24	12 39	1 13	28 37	5 35	22 12	22 17	21 47		n.a.
S 15	4 7	19 33	1 45	12 27	1 44	18 41	0 45	23 42	2 5	8 55	1 11	10 16	2 36	10 47	0 24	12 39	1 13	28 37	5 35	22 12	22 16	21 47		n.a.
M16	3 44	21 42	0 32	12 4	1 49	18 30	0 40	23 49	2 5	8 50	1 11	10 18	2 36	10 48	0 24	12 38	1 14	28 37	5 35	22 12	22 16	21 47		n.a.
T 17	3 20	22 27	0s43	11 37	1 53	18 19	0 35	23 56	2 4	8 45	1 11	10 19	2 36	10 50	0 24	12 37	1 14	28 37	5 36	22 12	22 16	21 48		n.a.
W18	2 56	21 47	1 54	11 7	1 56	18 7	0 30	24 3	2 4	8 40	1 11	10 21	2 36	10 51	0 24	12 37	1 14	28 38	5 36	22 12	22 15	21 48		n.a.
T 19	2 32	19 47	2 58	10 35	1 59	17 55	0 25	24 9	2 3	8 35	1 11	10 23	2 36	10 52	0 24	12 36	1 14	28 38	5 36	22 11	22 15	21 48		n.a.
F 20	2 8	16 39	3 51	10 1	2 0	17 42	0 20	24 15	2 3	8 30	1 11	10 24	2 36	10 53	0 24	12 35	1 14	28 38	5 36	22 11	22 14	21 49		n.a.
S 21	1 44	12 40	4 31	9 26	2 0	17 29	0 15	24 21	2 3	8 25	1 11	10 26	2 36	10 54	0 24	12 34	1 14	28 38	5 37	22 10	22 14	21 49		n.a.
S 22	1 20	8 6	4 54	8 48	2 0	17 15	0 10	24 27	2 2	8 20	1 11	10 28	2 36	10 55	0 24	12 34	1 14	28 38	5 37	22 8	22 13	21 50		n.a.
M23	0 56	3 14	5 2	8 9	1 59	17 1	0 5	24 32	2 2	8 15	1 11	10 29	2 36	10 57	0 24	12 33	1 14	28 38	5 37	22 7	22 13	21 50		n.a.
T 24	0 32	1s42	4 53	7 29	1 57	16 46	0 1	24 37	2 2	8 11	1 11	10 31	2 36	10 58	0 24	12 32	1 14	28 38	5 37	22 5	22 12	21 50		n.a.
W25	0 8	6 29	4 30	6 47	1 55	16 31	0n 4	24 42	2 1	8 6	1 11	10 33	2 36	10 59	0 24	12 32	1 14	28 39	5 37	22 3	22 12	21 51		n.a.
T 26	0s16	10 54	3 54	6 5	1 52	16 15	0 9	24 47	2 1	8 1	1 11	10 34	2 36	11 0	0 24	12 31	1 14	28 39	5 38	22 1	22 11	21 51		n.a.
F 27	0 40	14 46	3 7	5 22	1 48	15 59	0 13	24 52	2 0	7 56	1 11	10 36	2 35	11 1	0 24	12 30	1 14	28 39	5 38	22 0	22 11	21 51		n.a.
S 28	1 4	17 58	2 13	4 39	1 45	15 42	0 17	24 56	2 0	7 51	1 11	10 37	2 35	11 3	0 24	12 29	1 14	28 39	5 38	21 59	22 10	21 52		n.a.
S 29	1 28	20 21	1 13	3 55	1 41	15 24	0 22	25 0	1 59	7 46	1 12	10 39	2 35	11 4	0 24	12 29	1 14	28 39	5 38	21 58	22 10	21 52		n.a.
M30	1s52	21s49	0s11	3n10	1n36	15n 6	0n26	25s 4	1s59	7n41	1n12	10s40	2s35	11s 5	0n24	12n28	1n14	28n39	5n38	21s58	22s 9	21s52		n.a.

Julian Day Number = 1708152.5, Delta T = 03h02m06s
Ecliptic obliquity = 23°41'55, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°33'52, Lahiri = - 4°26'52 Julian Calendar 1 Sept. 37 BCE == Greg. Calendar 30 Aug. 037 BCE

The year -36 astronomical counting style corresponds to year 037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 37 BCE
geocentric

OCTOBER 37 BCE (-36) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 29 43	5♎39'42	18♐20	27♍26	22♌ 0	18♐10	13♍37	8°R56	29♎41	0♍48	13♋ 8	8♐34	9♐43	6♐ 2	n.a.	T 1
W 2	0 33 39	6°39'51	0♑ 9	29° 7	23° 8	18°54	13°50	8♓52	29°45	0°50	13° 8	8°34	9°40	6° 8	n.a.	W 2
T 3	0 37 36	7°40'02	12° 8	0♎47	24°17	19°37	14° 2	8°49	29°48	0°52	13° 8	8°R34	9°37	6°15	n.a.	T 3
F 4	0 41 32	8°40'14	24°20	2°27	25°26	20°21	14°15	8°45	29°52	0°54	13° 9	8°33	9°34	6°21	n.a.	F 4
S 5	0 45 29	9°40'28	6♒51	4° 6	26°35	21° 5	14°27	8°41	29°55	0°56	13° 9	8°29	9°31	6°28	n.a.	S 5
S 6	0 49 26	10°40'44	19°46	5°45	27°44	21°50	14°39	8°37	29°59	0°57	13° 9	8°24	9°28	6°35	n.a.	S 6
M 7	0 53 22	11°41'01	3♓ 6	7°24	28°53	22°34	14°52	8°34	0♏ 2	0°59	13°10	8°16	9°24	6°41	n.a.	M 7
T 8	0 57 19	12°41'20	16°52	9° 3	0♍ 3	23°18	15° 4	8°30	0° 6	1° 1	13°10	8° 7	9°21	6°48	n.a.	T 8
W 9	1 1 15	13°41'40	1♈ 3	10°41	1°13	24° 2	15°16	8°27	0° 9	1° 3	13°10	7°57	9°18	6°55	n.a.	W 9
T 10	1 5 12	14°42'02	15°32	12°18	2°23	24°46	15°28	8°23	0°13	1° 4	13°10	7°49	9°15	7° 1	n.a.	T 10
F 11	1 9 8	15°42'26	0♉14	13°56	3°33	25°31	15°41	8°20	0°17	1° 6	13°11	7°42	9°12	7° 8	n.a.	F 11
S 12	1 13 5	16°42'52	15° 1	15°33	4°43	26°15	15°53	8°17	0°20	1° 8	13°11	7°38	9° 8	7°15	n.a.	S 12
S 13	1 17 1	17°43'20	29°45	17° 9	5°53	27° 0	16° 5	8°14	0°24	1°10	13°11	7°35	9° 5	7°21	n.a.	S 13
M14	1 20 58	18°43'50	14♊21	18°46	7° 4	27°44	16°17	8°11	0°28	1°11	13°11	7°D35	9° 2	7°28	n.a.	M14
T 15	1 24 54	19°44'21	28°43	20°22	8°15	28°29	16°29	8° 8	0°31	1°13	13°11	7°36	8°59	7°35	n.a.	T 15
W16	1 28 51	20°44'55	12♋50	21°57	9°25	29°13	16°41	8° 5	0°35	1°14	13°11	7°37	8°56	7°41	n.a.	W16
T 17	1 32 48	21°45'31	26°41	23°33	10°36	29°58	16°52	8° 2	0°39	1°16	13°R11	7°R38	8°53	7°48	n.a.	T 17
F 18	1 36 44	22°46'08	10♌17	25° 8	11°47	0♑43	17° 4	8° 0	0°42	1°18	13°11	7°36	8°49	7°54	n.a.	F 18
S 19	1 40 41	23°46'47	23°37	26°43	12°59	1°28	17°16	7°57	0°46	1°19	13°11	7°33	8°46	8° 1	n.a.	S 19
S 20	1 44 37	24°47'28	6♍43	28°17	14°10	2°12	17°28	7°55	0°50	1°21	13°11	7°27	8°43	8° 8	n.a.	S 20
M21	1 48 34	25°48'11	19°36	29°52	15°21	2°57	17°39	7°52	0°53	1°22	13°11	7°20	8°40	8°14	n.a.	M21
T 22	1 52 30	26°48'56	2♎17	1♏26	16°33	3°42	17°51	7°50	0°57	1°24	13°11	7°12	8°37	8°21	n.a.	T 22
W23	1 56 27	27°49'42	14°46	3° 0	17°45	4°27	18° 2	7°48	1° 1	1°25	13°11	7° 5	8°34	8°28	n.a.	W23
T 24	2 0 23	28°50'29	27° 3	4°33	18°57	5°12	18°14	7°45	1° 5	1°26	13°10	6°58	8°30	8°34	n.a.	T 24
F 25	2 4 20	29°51'18	9♏10	6° 7	20° 8	5°57	18°25	7°43	1° 8	1°28	13°10	6°53	8°27	8°41	n.a.	F 25
S 26	2 8 17	0♏52'08	21° 8	7°40	21°20	6°42	18°36	7°42	1°12	1°29	13°10	6°50	8°24	8°48	n.a.	S 26
S 27	2 12 13	1°53'00	2♐59	9°14	22°33	7°27	18°47	7°40	1°16	1°30	13°10	6°D48	8°21	8°54	n.a.	S 27
M28	2 16 10	2°53'53	14°46	10°47	23°45	8°12	18°58	7°38	1°20	1°32	13° 9	6°49	8°18	9° 1	n.a.	M28
T 29	2 20 6	3°54'47	26°32	12°20	24°57	8°57	19° 9	7°36	1°23	1°33	13° 9	6°50	8°14	9° 8	n.a.	T 29
W30	2 24 3	4°55'42	8♑21	13°52	26° 9	9°43	19°20	7°35	1°27	1°34	13° 9	6°52	8°11	9°14	n.a.	W30
T 31	2 27 59	5♏56'38	20♑18	15♏25	27♍22	10♑28	19♍31	7♓34	1♏31	1♍35	13♋ 8	6♐54	8♐ 8	9♐21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	2s16	22s19	0n52	2n25	1n31	14n48	0n30	25s 8	1s58	7n37	1n12	10s42	2s35	11s 6	0n24	12n27	1n14	28n40	5n39	21s58	22s 9	21s52			n.a.
W 2	2 40	21 49	1 53	1 40	1 26	14 29	0 34	25 11	1 58	7 32	1 12	10 43	2 35	11 8	0 24	12 27	1 14	28 40	5 39	21 58	22 8	21 53			n.a.
T 3	3 4	20 19	2 50	0 55	1 21	14 10	0 38	25 14	1 57	7 27	1 12	10 44	2 35	11 9	0 24	12 26	1 14	28 40	5 39	21 58	22 8	21 53			n.a.
F 4	3 28	17 52	3 40	0 10	1 15	13 50	0 42	25 17	1 57	7 22	1 12	10 46	2 35	11 10	0 24	12 26	1 14	28 40	5 39	21 58	22 8	21 53			n.a.
S 5	3 52	14 33	4 21	0s35	1 9	13 30	0 46	25 20	1 56	7 18	1 12	10 47	2 35	11 11	0 24	12 25	1 14	28 40	5 40	21 57	22 7	21 54			n.a.
S 6	4 16	10 28	4 50	1 20	1 4	13 10	0 49	25 22	1 56	7 13	1 12	10 48	2 35	11 13	0 24	12 24	1 14	28 41	5 40	21 57	22 7	21 54			n.a.
M 7	4 40	5 45	5 5	2 5	0 57	12 49	0 53	25 24	1 55	7 8	1 12	10 50	2 34	11 14	0 24	12 24	1 14	28 41	5 40	21 55	22 6	21 54			n.a.
T 8	5 4	0 36	5 2	2 50	0 51	12 27	0 57	25 26	1 55	7 3	1 12	10 51	2 34	11 15	0 24	12 23	1 14	28 41	5 40	21 54	22 6	21 54			n.a.
W 9	5 28	4n43	4 42	3 35	0 45	12 6	1 0	25 28	1 54	6 59	1 12	10 52	2 34	11 17	0 24	12 22	1 14	28 41	5 41	21 52	22 5	21 55			n.a.
T 10	5 51	9 54	4 3	4 19	0 39	11 43	1 3	25 29	1 54	6 54	1 13	10 53	2 34	11 18	0 24	12 22	1 14	28 41	5 41	21 51	22 5	21 55			n.a.
F 11	6 15	14 36	3 7	5 4	0 32	11 21	1 6	25 30	1 53	6 49	1 13	10 54	2 34	11 19	0 24	12 21	1 14	28 42	5 41	21 50	22 4	21 55			n.a.
S 12	6 38	18 24	1 59	5 47	0 26	10 58	1 10	25 31	1 53	6 45	1 13	10 55	2 34	11 20	0 24	12 21	1 14	28 42	5 41	21 49	22 4	21 55			n.a.
S 13	7 2	21 0	0 42	6 31	0 19	10 34	1 13	25 32	1 52	6 40	1 13	10 56	2 34	11 22	0 24	12 20	1 14	28 42	5 41	21 49	22 3	21 56			n.a.
M14	7 25	22 10	0s36	7 14	0 13	10 11	1 16	25 32	1 51	6 35	1 13	10 57	2 33	11 23	0 24	12 20	1 14	28 42	5 42	21 49	22 3	21 56			n.a.
T 15	7 48	21 50	1 52	7 57	0 6	9 47	1 18	25 32	1 51	6 31	1 13	10 58	2 33	11 24	0 24	12 19	1 14	28 42	5 42	21 49	22 2	21 56			n.a.
W16	8 11	20 6	2 59	8 39	0s 1	9 22	1 21	25 32	1 50	6 26	1 13	10 59	2 33	11 26	0 24	12 18	1 14	28 43	5 42	21 49	22 2	21 56			n.a.
T 17	8 34	17 13	3 54	9 21	0 7	8 58	1 24	25 31	1 50	6 22	1 13	11 0	2 33	11 27	0 24	12 18	1 15	28 43	5 42	21 49	22 1	21 57			n.a.
F 18	8 57	13 26	4 35	10 3	0 14	8 33	1 26	25 31	1 49	6 17	1 14	11 1	2 33	11 28	0 24	12 17	1 15	28 43	5 43	21 49	22 1	21 57			n.a.
S 19	9 20	9 4	5 0	10 43	0 20	8 7	1 29	25 30	1 48	6 13	1 14	11 2	2 33	11 30	0 24	12 17	1 15	28 43	5 43	21 48	22 0	21 57			n.a.
S 20	9 42	4 21	5 9	11 24	0 27	7 42	1 31	25 28	1 48	6 8	1 14	11 3	2 32	11 31	0 24	12 16	1 15	28 44	5 43	21 47	22 0	21 57			n.a.
M21	10 5	0s28	5 2	12 4	0 33	7 16	1 33	25 27	1 47	6 4	1 14	11 3	2 32	11 32	0 24	12 16	1 15	28 44	5 43	21 46	21 59	21 57			n.a.
T 22	10 27	5 12	4 41	12 43	0 40	6 50	1 35	25 25	1 46	5 59	1 14	11 4	2 32	11 34	0 24	12 15	1 15	28 44	5 44	21 45	21 59	21 58			n.a.
W23	10 49	9 39	4 6	13 22	0 46	6 23	1 37	25 23	1 46	5 55	1 14	11 5	2 32	11 35	0 24	12 15	1 15	28 44	5 44	21 44	21 58	21 58			n.a.
T 24	11 11	13 38	3 20	14 0	0 52	5 57	1 39	25 21	1 45	5 51	1 14	11 5	2 32	11 36	0 24	12 14	1 15	28 44	5 44	21 43	21 58	21 58			n.a.
F 25	11 33	17 0	2 25	14 37	0 58	5 30	1 41	25 18	1 44	5 46	1 15	11 6	2 31	11 38	0 24	12 14	1 15	28 45	5 44	21 42	21 57	21 58			n.a.
S 26	11 54	19 36	1 25	15 14	1 4	5 3	1 43	25 15	1 44	5 42	1 15	11 7	2 31	11 39	0 24	12 14	1 15	28 45	5 44	21 41	21 57	21 58			n.a.
S 27	12 15	21 19	0 21	15 50	1 10	4 35	1 45	25 12	1 43	5 38	1 15	11 7	2 31	11 40	0 24	12 13	1 15	28 45	5 45	21 41	21 56	21 58			n.a.
M28	12 37	22 6	0n44	16 25	1 16	4 8	1 46	25 9	1 42	5 33	1 15	11 8	2 31	11 41	0 24	12 13	1 15	28 45	5 45	21 41	21 56	21 59			n.a.
T 29	12 58	21 53	1 46	16 59	1 21	3 40	1 48	25 5	1 42	5 29	1 15	11 8	2 31	11 43	0 24	12 12	1 15	28 46	5 45	21 41	21 55	21 59			n.a.
W30	13 18	20 42	2 45	17 33	1 26	3 12	1 49	25 1	1 41	5 25	1 15	11 8	2 30	11 44	0 24	12 12	1 15	28 46	5 45	21 41	21 55	21 59			n.a.
T 31	13s39	18s35	3n36	18s 6	1s32	2n45	1n50	24s57	1s40	5n21	1n15	11s 9	2s30	11s45	0n24	12n12	1n15	28n46	5n46	21s42	21s54	21s59			n.a.

Julian Day Number = 1708182.5, Delta T = 03h02m06s
Ecliptic obliquity = 23°41'55, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°33'48, Lahiri = - 4°26'48 Julian Calendar 1 Oct. 37 BCE == Greg. Calendar 29 Sept. 037 BCE

The year -36 astronomical counting style corresponds to year 037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 37 BCE
geocentric

NOVEMBER 37 BCE (-36) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 31 56	6♏57'35	2♒27	16♏58	28♍34	11♑13	19♍42	7°R32	1♏34	1♍37	13°R 8	6°R55	8♐ 5	9♐28	n.a.	F 1
S 2	2 35 52	7°58'32	14°54	18°30	29°47	11°58	19°53	7♓31	1°38	1°38	13♋ 8	6♐55	8° 2	9°34	n.a.	S 2
S 3	2 39 49	8°59'31	27°44	20° 3	1♎ 0	12°43	20° 3	7°30	1°42	1°39	13° 7	6°53	7°59	9°41	n.a.	S 3
M 4	2 43 46	10° 0'30	10♓59	21°35	2°13	13°29	20°14	7°29	1°46	1°40	13° 7	6°50	7°55	9°47	n.a.	M 4
T 5	2 47 42	11° 1'30	24°42	23° 7	3°25	14°14	20°24	7°28	1°49	1°41	13° 6	6°47	7°52	9°54	n.a.	T 5
W 6	2 51 39	12° 2'31	8♈54	24°39	4°38	14°59	20°34	7°28	1°53	1°42	13° 6	6°43	7°49	10° 1	n.a.	W 6
T 7	2 55 35	13° 3'33	23°30	26°11	5°51	15°45	20°45	7°27	1°57	1°43	13° 5	6°40	7°46	10° 7	n.a.	T 7
F 8	2 59 32	14° 4'35	8♉24	27°42	7° 4	16°30	20°55	7°26	2° 0	1°44	13° 4	6°37	7°43	10°14	n.a.	F 8
S 9	3 3 28	15° 5'39	23°30	29°13	8°18	17°15	21° 5	7°26	2° 4	1°45	13° 4	6°35	7°40	10°21	n.a.	S 9
S 10	3 7 25	16° 6'43	8♊37	0♐44	9°31	18° 1	21°15	7°26	2° 8	1°46	13° 3	6°D35	7°36	10°27	n.a.	S 10
M11	3 11 21	17° 7'49	23°37	2°15	10°44	18°46	21°25	7°26	2°11	1°47	13° 3	6°35	7°33	10°34	n.a.	M11
T 12	3 15 18	18° 8'55	8♋22	3°45	11°58	19°31	21°34	7°D25	2°15	1°48	13° 2	6°37	7°30	10°41	n.a.	T 12
W13	3 19 15	19°10'03	22°46	5°14	13°11	20°17	21°44	7°25	2°18	1°48	13° 1	6°38	7°27	10°47	n.a.	W13
T 14	3 23 11	20°11'11	6♌48	6°43	14°24	21° 2	21°54	7°26	2°22	1°49	13° 0	6°39	7°24	10°54	n.a.	T 14
F 15	3 27 8	21°12'21	20°27	8°11	15°38	21°48	22° 3	7°26	2°26	1°50	13° 0	6°R39	7°20	11° 1	n.a.	F 15
S 16	3 31 4	22°13'31	3♍43	9°38	16°52	22°33	22°12	7°26	2°29	1°51	12°59	6°39	7°17	11° 7	n.a.	S 16
S 17	3 35 1	23°14'42	16°40	11° 4	18° 5	23°18	22°22	7°27	2°33	1°51	12°58	6°38	7°14	11°14	n.a.	S 17
M18	3 38 57	24°15'54	29°19	12°29	19°19	24° 4	22°31	7°27	2°36	1°52	12°57	6°37	7°11	11°20	n.a.	M18
T 19	3 42 54	25°17'07	11♎44	13°52	20°33	24°49	22°40	7°28	2°40	1°52	12°56	6°35	7° 8	11°27	n.a.	T 19
W20	3 46 50	26°18'21	23°56	15°13	21°47	25°35	22°49	7°29	2°43	1°53	12°56	6°33	7° 5	11°34	n.a.	W20
T 21	3 50 47	27°19'35	6♏ 0	16°32	23° 0	26°20	22°57	7°30	2°47	1°54	12°55	6°32	7° 1	11°40	n.a.	T 21
F 22	3 54 44	28°20'49	17°56	17°48	24°14	27° 6	23° 6	7°31	2°50	1°54	12°54	6°31	6°58	11°47	n.a.	F 22
S 23	3 58 40	29°22'05	29°47	19° 2	25°28	27°51	23°15	7°32	2°54	1°55	12°53	6°30	6°55	11°54	n.a.	S 23
S 24	4 2 37	0♐23'20	11♐35	20°11	26°42	28°36	23°23	7°33	2°57	1°55	12°52	6°D30	6°52	12° 0	n.a.	S 24
M25	4 6 33	1°24'36	23°22	21°17	27°56	29°22	23°31	7°35	3° 1	1°55	12°51	6°31	6°49	12° 7	n.a.	M25
T 26	4 10 30	2°25'52	5♑10	22°17	29°10	0♒ 7	23°39	7°36	3° 4	1°56	12°50	6°31	6°46	12°14	n.a.	T 26
W27	4 14 26	3°27'08	17° 3	23°12	0♏24	0°53	23°47	7°38	3° 7	1°56	12°49	6°32	6°42	12°20	n.a.	W27
T 28	4 18 23	4°28'24	29° 2	24° 1	1°39	1°38	23°55	7°39	3°11	1°56	12°48	6°32	6°39	12°27	n.a.	T 28
F 29	4 22 20	5°29'40	11♒13	24°43	2°53	2°24	24° 3	7°41	3°14	1°57	12°47	6°32	6°36	12°34	n.a.	F 29
S 30	4 26 16	6♐30'55	23♒38	25♐16	4♏ 7	3♒ 9	24♍11	7♓43	3♏17	1♍57	12♋46	6°R32	6♐33	12♐40	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13 s59	15 s37	4n20	18 s38	1 s37	2n16	1n51	24 s52	1 s39	5n17	1n16	11 s 9	2 s30	11 s47	0n24	12n11	1n15	28n47	5n46	21 s42	21 s54	21 s59		n.a.
S 2	14 19	11 53	4 52	19 9	1 41	1 48	1 52	24 47	1 39	5 13	1 16	11 9	2 30	11 48	0 24	12 11	1 15	28 47	5 46	21 42	21 53	21 59		n.a.
S 3	14 39	7 32	5 11	19 39	1 46	1 20	1 53	24 42	1 38	5 9	1 16	11 9	2 30	11 49	0 24	12 10	1 15	28 47	5 46	21 42	21 53	21 59		n.a.
M 4	14 58	2 41	5 14	20 8	1 50	0 51	1 54	24 37	1 37	5 5	1 16	11 10	2 29	11 51	0 24	12 10	1 15	28 47	5 46	21 41	21 52	22 0		n.a.
T 5	15 18	2n27	4 59	20 36	1 55	0 23	1 55	24 32	1 37	5 1	1 16	11 10	2 29	11 52	0 24	12 10	1 15	28 48	5 47	21 41	21 52	22 0		n.a.
W 6	15 37	7 38	4 27	21 3	1 58	0s 6	1 56	24 26	1 36	4 57	1 16	11 10	2 29	11 53	0 24	12 9	1 15	28 48	5 47	21 40	21 51	22 0		n.a.
T 7	15 56	12 33	3 36	21 29	2 2	0 35	1 56	24 20	1 35	4 53	1 17	11 10	2 29	11 54	0 24	12 9	1 15	28 48	5 47	21 39	21 50	22 0		n.a.
F 8	16 14	16 49	2 29	21 54	2 5	1 3	1 57	24 14	1 34	4 49	1 17	11 10	2 29	11 56	0 24	12 9	1 16	28 48	5 47	21 39	21 50	22 0		n.a.
S 9	16 32	20 0	1 12	22 17	2 8	1 32	1 57	24 7	1 34	4 45	1 17	11 10	2 28	11 57	0 24	12 9	1 16	28 49	5 47	21 39	21 49	22 0		n.a.
S 10	16 50	21 48	0s11	22 39	2 11	2 1	1 57	24 0	1 33	4 41	1 17	11 10	2 28	11 58	0 24	12 8	1 16	28 49	5 48	21 39	21 49	22 0		n.a.
M11	17 8	22 0	1 33	23 0	2 13	2 30	1 57	23 53	1 32	4 37	1 17	11 10	2 28	12 0	0 24	12 8	1 16	28 49	5 48	21 39	21 48	22 0		n.a.
T 12	17 25	20 39	2 47	23 20	2 15	2 59	1 58	23 46	1 31	4 34	1 18	11 9	2 28	12 1	0 24	12 8	1 16	28 49	5 48	21 39	21 48	22 0		n.a.
W13	17 42	17 59	3 49	23 38	2 16	3 27	1 58	23 38	1 30	4 30	1 18	11 9	2 27	12 2	0 24	12 7	1 16	28 50	5 48	21 39	21 47	22 0		n.a.
T 14	17 59	14 20	4 35	23 55	2 17	3 56	1 57	23 31	1 30	4 26	1 18	11 9	2 27	12 3	0 24	12 7	1 16	28 50	5 49	21 39	21 47	22 1		n.a.
F 15	18 15	10 1	5 4	24 10	2 17	4 25	1 57	23 23	1 29	4 23	1 18	11 9	2 27	12 5	0 24	12 7	1 16	28 50	5 49	21 39	21 46	22 1		n.a.
S 16	18 31	5 20	5 17	24 24	2 17	4 54	1 57	23 14	1 28	4 19	1 18	11 8	2 27	12 6	0 24	12 7	1 16	28 51	5 49	21 39	21 46	22 1		n.a.
S 17	18 47	0 32	5 12	24 36	2 16	5 22	1 57	23 6	1 27	4 16	1 19	11 8	2 27	12 7	0 24	12 7	1 16	28 51	5 49	21 39	21 45	22 1		n.a.
M18	19 2	4s11	4 53	24 46	2 15	5 51	1 56	22 57	1 27	4 12	1 19	11 7	2 26	12 8	0 24	12 6	1 16	28 51	5 49	21 39	21 45	22 1		n.a.
T 19	19 18	8 39	4 20	24 55	2 13	6 19	1 56	22 48	1 26	4 9	1 19	11 7	2 26	12 10	0 24	12 6	1 16	28 51	5 50	21 39	21 44	22 1		n.a.
W20	19 32	12 43	3 35	25 2	2 10	6 48	1 55	22 39	1 25	4 6	1 19	11 6	2 26	12 11	0 24	12 6	1 16	28 52	5 50	21 38	21 44	22 1		n.a.
T 21	19 46	16 12	2 42	25 7	2 7	7 16	1 54	22 29	1 24	4 2	1 19	11 6	2 26	12 12	0 24	12 6	1 16	28 52	5 50	21 38	21 43	22 1		n.a.
F 22	20 0	18 59	1 41	25 10	2 2	7 44	1 54	22 20	1 23	3 59	1 20	11 5	2 25	12 13	0 24	12 6	1 16	28 52	5 50	21 38	21 43	22 1		n.a.
S 23	20 14	20 56	0 37	25 11	1 57	8 12	1 53	22 10	1 23	3 56	1 20	11 5	2 25	12 14	0 24	12 6	1 16	28 53	5 50	21 38	21 42	22 1		n.a.
S 24	20 27	21 57	0n28	25 10	1 51	8 40	1 52	22 0	1 22	3 53	1 20	11 4	2 25	12 16	0 24	12 6	1 16	28 53	5 50	21 38	21 41	22 1		n.a.
M25	20 40	21 59	1 32	25 8	1 44	9 8	1 51	21 49	1 21	3 49	1 20	11 3	2 25	12 17	0 24	12 6	1 16	28 53	5 51	21 38	21 41	22 1		n.a.
T 26	20 52	21 3	2 33	25 3	1 35	9 35	1 50	21 39	1 20	3 46	1 20	11 2	2 24	12 18	0 24	12 5	1 16	28 53	5 51	21 38	21 40	22 1		n.a.
W27	21 4	19 10	3 27	24 57	1 26	10 3	1 49	21 28	1 19	3 43	1 21	11 2	2 24	12 19	0 24	12 5	1 17	28 54	5 51	21 38	21 40	22 1		n.a.
T 28	21 16	16 27	4 13	24 49	1 15	10 30	1 47	21 17	1 18	3 40	1 21	11 1	2 24	12 20	0 24	12 5	1 17	28 54	5 51	21 38	21 39	22 1		n.a.
F 29	21 27	12 59	4 48	24 39	1 3	10 57	1 46	21 6	1 18	3 38	1 21	11 0	2 24	12 21	0 24	12 5	1 17	28 54	5 51	21 38	21 39	22 1		n.a.
S 30	21 s38	8 s54	5n10	24 s27	0 s50	11 s23	1n45	20 s55	1 s17	3n35	1n21	10 s59	2 s24	12 s22	0n24	12n 5	1n17	28n55	5n52	21 s38	21 s38	22 s 1		n.a.

Julian Day Number = 1708213.5, Delta T = 03h02m05s
Ecliptic obliquity = 23°41'54, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°33'44, Lahiri = - 4°26'43 Julian Calendar 1 Nov. 37 BCE == Greg. Calendar 30 Oct. 037 BCE

The year -36 astronomical counting style corresponds to year 037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 37 BCE
geocentric

DECEMBER 37 BCE (-36) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 30 13	7♐32'11	6♓22	25♐41	5♏21	3♒54	24♍18	7♓45	3♏20	1♍57	12°R45	6°D32	6♐30	12♐47	n.a.	S 1
M 2	4 34 9	8°33'26	19°28	25°55	6°35	4°40	24°26	7°47	3°24	1°57	12♋44	6♐32	6°26	12°54	n.a.	M 2
T 3	4 38 6	9°34'41	3♈ 0	25°R59	7°50	5°25	24°33	7°49	3°27	1°57	12°43	6°32	6°23	13° 0	n.a.	T 3
W 4	4 42 2	10°35'55	16°59	25°52	9° 4	6°11	24°40	7°52	3°30	1°57	12°41	6°33	6°20	13° 7	n.a.	W 4
T 5	4 45 59	11°37'09	1♉24	25°32	10°18	6°56	24°47	7°54	3°33	1°57	12°40	6°33	6°17	13°13	n.a.	T 5
F 6	4 49 55	12°38'23	16°13	25° 1	11°32	7°41	24°54	7°57	3°36	1°R57	12°39	6°34	6°14	13°20	n.a.	F 6
S 7	4 53 52	13°39'37	1♊19	24°18	12°47	8°27	25° 0	7°59	3°39	1°57	12°38	6°R34	6°11	13°27	n.a.	S 7
S 8	4 57 49	14°40'50	16°34	23°25	14° 1	9°12	25° 7	8° 2	3°42	1°57	12°37	6°34	6° 7	13°33	n.a.	S 8
M 9	5 1 45	15°42'03	1♋47	22°22	15°15	9°57	25°13	8° 5	3°45	1°57	12°36	6°33	6° 4	13°40	n.a.	M 9
T 10	5 5 42	16°43'16	16°50	21°11	16°30	10°42	25°19	8° 8	3°48	1°57	12°34	6°32	6° 1	13°47	n.a.	T 10
W11	5 9 38	17°44'29	1♌34	19°55	17°44	11°28	25°25	8°11	3°51	1°57	12°33	6°31	5°58	13°53	n.a.	W11
T 12	5 13 35	18°45'41	15°52	18°36	18°59	12°13	25°31	8°14	3°54	1°57	12°32	6°30	5°55	14° 0	n.a.	T 12
F 13	5 17 31	19°46'53	29°44	17°16	20°13	12°58	25°37	8°17	3°57	1°57	12°31	6°28	5°52	14° 7	n.a.	F 13
S 14	5 21 28	20°48'05	13♍ 7	15°58	21°28	13°43	25°42	8°21	4° 0	1°56	12°29	6°27	5°48	14°13	n.a.	S 14
S 15	5 25 24	21°49'17	26° 5	14°45	22°42	14°29	25°48	8°24	4° 3	1°56	12°28	6°D27	5°45	14°20	n.a.	S 15
M16	5 29 21	22°50'29	8♎41	13°37	23°57	15°14	25°53	8°28	4° 6	1°56	12°27	6°28	5°42	14°27	n.a.	M16
T 17	5 33 18	23°51'40	20°59	12°37	25°11	15°59	25°58	8°31	4° 8	1°55	12°25	6°29	5°39	14°33	n.a.	T 17
W18	5 37 14	24°52'51	3♏ 3	11°46	26°26	16°44	26° 3	8°35	4°11	1°55	12°24	6°31	5°36	14°40	n.a.	W18
T 19	5 41 11	25°54'02	14°58	11° 5	27°40	17°29	26° 8	8°39	4°14	1°54	12°23	6°32	5°32	14°47	n.a.	T 19
F 20	5 45 7	26°55'12	26°47	10°32	28°55	18°14	26°13	8°43	4°16	1°54	12°22	6°34	5°29	14°53	n.a.	F 20
S 21	5 49 4	27°56'21	8♐34	10°10	0♐10	18°59	26°17	8°47	4°19	1°54	12°20	6°R34	5°26	15° 0	n.a.	S 21
S 22	5 53 0	28°57'30	20°21	9°56	1°24	19°44	26°21	8°51	4°22	1°53	12°19	6°33	5°23	15° 6	n.a.	S 22
M23	5 56 57	29°58'38	2♑10	9°D51	2°39	20°29	26°25	8°55	4°24	1°52	12°17	6°31	5°20	15°13	n.a.	M23
T 24	6 0 54	0♑59'45	14° 5	9°54	3°53	21°14	26°29	8°59	4°26	1°52	12°16	6°28	5°17	15°20	n.a.	T 24
W25	6 4 50	2° 0'52	26° 5	10° 5	5° 8	21°59	26°33	9° 4	4°29	1°51	12°15	6°24	5°13	15°26	n.a.	W25
T 26	6 8 47	3° 1'57	8♒14	10°23	6°22	22°44	26°36	9° 8	4°31	1°51	12°13	6°19	5°10	15°33	n.a.	T 26
F 27	6 12 43	4° 3'01	20°33	10°48	7°37	23°29	26°40	9°13	4°34	1°50	12°12	6°14	5° 7	15°40	n.a.	F 27
S 28	6 16 40	5° 4'04	3♓ 5	11°18	8°52	24°14	26°43	9°17	4°36	1°49	12°11	6°10	5° 4	15°46	n.a.	S 28
S 29	6 20 36	6° 5'05	15°51	11°54	10° 6	24°59	26°46	9°22	4°38	1°48	12° 9	6° 7	5° 1	15°53	n.a.	S 29
M30	6 24 33	7° 6'06	28°54	12°34	11°21	25°44	26°49	9°27	4°40	1°48	12° 8	6° 5	4°57	16° 0	n.a.	M30
T 31	6 28 29	8♑ 7'04	12♈17	13♐19	12♐35	26♒28	26♍52	9♓32	4♏43	1♍47	12♋ 6	6°D 5	4♐54	16♐ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	21s48	4s21	5n18	24s13	0s36	11s50	1n43	20s43	1s16	3n32	1n22	10s58	2s23	12s24	0n24	12n 5	1n17	28n55	5n52	21s38	21s38	22s 1			n.a.
M 2	21 58	0n32	5 10	23 58	0 20	12 16	1 42	20 31	1 15	3 29	1 22	10 57	2 23	12 25	0 24	12 5	1 17	28 55	5 52	21 38	21 37	22 1			n.a.
T 3	22 8	5 33	4 45	23 41	0 3	12 41	1 40	20 19	1 14	3 27	1 22	10 56	2 23	12 26	0 24	12 5	1 17	28 55	5 52	21 38	21 37	22 1			n.a.
W 4	22 17	10 28	4 3	23 23	0n15	13 7	1 39	20 7	1 14	3 24	1 22	10 55	2 23	12 27	0 24	12 5	1 17	28 56	5 52	21 38	21 36	22 1			n.a.
T 5	22 25	14 57	3 4	23 4	0 33	13 32	1 37	19 55	1 13	3 21	1 23	10 54	2 22	12 28	0 24	12 5	1 17	28 56	5 52	21 38	21 35	22 1			n.a.
F 6	22 33	18 38	1 51	22 43	0 53	13 57	1 35	19 42	1 12	3 19	1 23	10 52	2 22	12 29	0 24	12 5	1 17	28 56	5 53	21 38	21 35	22 1			n.a.
S 7	22 41	21 7	0 29	22 22	1 13	14 22	1 33	19 29	1 11	3 16	1 23	10 51	2 22	12 30	0 24	12 5	1 17	28 56	5 53	21 38	21 34	22 1			n.a.
S 8	22 48	22 6	0s55	22 0	1 32	14 46	1 31	19 17	1 10	3 14	1 23	10 50	2 22	12 31	0 24	12 5	1 17	28 57	5 53	21 38	21 34	22 1			n.a.
M 9	22 55	21 25	2 16	21 37	1 52	15 10	1 29	19 3	1 9	3 12	1 24	10 49	2 22	12 32	0 24	12 6	1 17	28 57	5 53	21 38	21 33	22 1			n.a.
T 10	23 2	19 13	3 26	21 15	2 10	15 33	1 27	18 50	1 9	3 9	1 24	10 47	2 21	12 33	0 24	12 6	1 17	28 57	5 53	21 38	21 33	22 1			n.a.
W11	23 8	15 48	4 20	20 52	2 27	15 56	1 25	18 37	1 8	3 7	1 24	10 46	2 21	12 34	0 24	12 6	1 17	28 58	5 53	21 38	21 32	22 0			n.a.
T 12	23 13	11 31	4 57	20 31	2 42	16 19	1 23	18 23	1 7	3 5	1 24	10 45	2 21	12 35	0 24	12 6	1 17	28 58	5 53	21 38	21 32	22 0			n.a.
F 13	23 18	6 46	5 15	20 11	2 55	16 41	1 21	18 9	1 6	3 3	1 25	10 43	2 21	12 36	0 24	12 6	1 17	28 58	5 54	21 37	21 31	22 0			n.a.
S 14	23 23	1 51	5 15	19 53	3 5	17 3	1 19	17 56	1 5	3 1	1 25	10 42	2 20	12 37	0 24	12 6	1 17	28 58	5 54	21 37	21 30	22 0			n.a.
S 15	23 27	3s 0	4 59	19 37	3 13	17 25	1 17	17 41	1 4	2 59	1 25	10 40	2 20	12 38	0 24	12 6	1 17	28 59	5 54	21 37	21 30	22 0			n.a.
M16	23 30	7 35	4 29	19 23	3 19	17 46	1 15	17 27	1 4	2 57	1 25	10 39	2 20	12 39	0 24	12 6	1 18	28 59	5 54	21 37	21 29	22 0			n.a.
T 17	23 33	11 46	3 47	19 12	3 23	18 6	1 12	17 13	1 3	2 56	1 26	10 37	2 20	12 40	0 24	12 7	1 18	28 59	5 54	21 38	21 29	22 0			n.a.
W18	23 36	15 24	2 55	19 5	3 24	18 26	1 10	16 58	1 2	2 54	1 26	10 36	2 20	12 41	0 24	12 7	1 18	28 59	5 54	21 38	21 28	22 0			n.a.
T 19	23 38	18 21	1 57	19 0	3 23	18 46	1 8	16 44	1 1	2 52	1 26	10 34	2 19	12 42	0 24	12 7	1 18	29 0	5 54	21 38	21 28	22 0			n.a.
F 20	23 40	20 31	0 54	18 58	3 20	19 4	1 5	16 29	1 0	2 51	1 26	10 32	2 19	12 43	0 24	12 7	1 18	29 0	5 54	21 38	21 27	22 0			n.a.
S 21	23 41	21 47	0n11	18 59	3 16	19 23	1 3	16 14	0 59	2 49	1 27	10 31	2 19	12 43	0 24	12 7	1 18	29 0	5 55	21 38	21 26	22 0			n.a.
S 22	23 42	22 5	1 15	19 2	3 11	19 41	1 0	15 59	0 58	2 48	1 27	10 29	2 19	12 44	0 24	12 8	1 18	29 0	5 55	21 38	21 26	21 59			n.a.
M23	23 42	21 24	2 17	19 8	3 4	19 58	0 58	15 44	0 58	2 46	1 27	10 27	2 19	12 45	0 24	12 8	1 18	29 1	5 55	21 38	21 25	21 59			n.a.
T 24	23 42	19 46	3 12	19 15	2 57	20 15	0 55	15 28	0 57	2 45	1 27	10 25	2 18	12 46	0 24	12 8	1 18	29 1	5 55	21 37	21 25	21 59			n.a.
W25	23 41	17 14	4 0	19 25	2 49	20 31	0 53	15 13	0 56	2 44	1 28	10 23	2 18	12 47	0 24	12 8	1 18	29 1	5 55	21 37	21 24	21 59			n.a.
T 26	23 40	13 57	4 37	19 36	2 40	20 47	0 50	14 57	0 55	2 42	1 28	10 21	2 18	12 48	0 24	12 9	1 18	29 1	5 55	21 36	21 24	21 59			n.a.
F 27	23 38	10 1	5 2	19 49	2 31	21 2	0 47	14 41	0 54	2 41	1 28	10 20	2 18	12 48	0 24	12 9	1 18	29 2	5 55	21 35	21 23	21 59			n.a.
S 28	23 36	5 37	5 13	20 2	2 22	21 17	0 45	14 26	0 53	2 40	1 29	10 18	2 18	12 49	0 24	12 9	1 18	29 2	5 55	21 34	21 22	21 59			n.a.
S 29	23 33	0 54	5 9	20 17	2 12	21 31	0 42	14 10	0 53	2 39	1 29	10 16	2 17	12 50	0 24	12 10	1 18	29 2	5 55	21 34	21 22	21 58			n.a.
M30	23 30	3n58	4 49	20 32	2 2	21 44	0 40	13 54	0 52	2 38	1 29	10 14	2 17	12 51	0 24	12 10	1 18	29 2	5 56	21 33	21 21	21 58			n.a.
T 31	23s27	8n47	4n13	20s47	1n52	21s57	0n37	13s37	0s51	2n38	1n29	10s12	2s17	12s51	0n24	12n10	1n18	29n 2	5n56	21s33	21s21	21s58			n.a.

Julian Day Number = 1708243.5, Delta T = 03h02m04s
Ecliptic obliquity = 23°41'54, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°33'40, Lahiri = - 4°26'39 Julian Calendar 1 Dec. 37 BCE == Greg. Calendar 29 Nov. 037 BCE

The year -36 astronomical counting style corresponds to year 037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 36 BCE
geocentric

JANUARY 36 BCE (-35) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 32 26	9♉ 8'02	26♈ 2	14♐ 8	13♐50	27♒13	26♍54	9♓36	4♏45	1°R46	12°R 5	6♐ 6	4♐51	16♐13	n.a.	W 1
T 2	6 36 23	10° 8'58	10♉ 9	15° 1	15° 5	27°58	26°56	9°41	4°47	1♍45	12♋ 4	6° 7	4°48	16°20	n.a.	T 2
F 3	6 40 19	11° 9'53	24°39	15°57	16°19	28°43	26°58	9°47	4°49	1°44	12° 2	6° 9	4°45	16°26	n.a.	F 3
S 4	6 44 16	12°10'46	9♊28	16°56	17°34	29°27	27° 0	9°52	4°51	1°43	12° 1	6°R 9	4°42	16°33	n.a.	S 4
S 5	6 48 12	13°11'38	24°30	17°58	18°49	0♓12	27° 2	9°57	4°53	1°42	12° 0	6° 8	4°38	16°40	n.a.	S 5
M 6	6 52 9	14°12'28	9♋38	19° 2	20° 3	0°56	27° 4	10° 2	4°55	1°41	11°58	6° 5	4°35	16°46	n.a.	M 6
T 7	6 56 5	15°13'17	24°42	20° 9	21°18	1°41	27° 5	10° 8	4°56	1°40	11°57	6° 0	4°32	16°53	n.a.	T 7
W 8	7 0 2	16°14'05	9♌32	21°17	22°32	2°25	27° 6	10°13	4°58	1°39	11°55	5°54	4°29	17° 0	n.a.	W 8
T 9	7 3 58	17°14'51	24° 1	22°28	23°47	3°10	27° 7	10°19	5° 0	1°38	11°54	5°47	4°26	17° 6	n.a.	T 9
F 10	7 7 55	18°15'37	8♍ 3	23°41	25° 2	3°54	27° 8	10°24	5° 2	1°37	11°53	5°41	4°23	17°13	n.a.	F 10
S 11	7 11 52	19°16'20	21°37	24°55	26°16	4°39	27° 9	10°30	5° 3	1°36	11°51	5°36	4°19	17°19	n.a.	S 11
S 12	7 15 48	20°17'03	4♎42	26°11	27°31	5°23	27° 9	10°36	5° 5	1°35	11°50	5°32	4°16	17°26	n.a.	S 12
M13	7 19 45	21°17'45	17°22	27°28	28°45	6° 7	27° 9	10°42	5° 6	1°34	11°48	5°D31	4°13	17°33	n.a.	M13
T 14	7 23 41	22°18'25	29°41	28°47	29°59	6°52	27°R 9	10°47	5° 8	1°33	11°47	5°31	4°10	17°39	n.a.	T 14
W15	7 27 38	23°19'04	11♏44	0♑ 7	1♑15	7°36	27° 9	10°53	5° 9	1°32	11°46	5°32	4° 7	17°46	n.a.	W15
T 16	7 31 34	24°19'42	23°36	1°29	2°29	8°20	27° 9	10°59	5°11	1°30	11°44	5°34	4° 3	17°53	n.a.	T 16
F 17	7 35 31	25°20'18	5♐23	2°51	3°44	9° 4	27° 8	11° 5	5°12	1°29	11°43	5°R34	4° 0	17°59	n.a.	F 17
S 18	7 39 27	26°20'53	17° 9	4°15	4°58	9°49	27° 8	11°12	5°13	1°28	11°42	5°33	3°57	18° 6	n.a.	S 18
S 19	7 43 24	27°21'27	28°57	5°40	6°13	10°33	27° 7	11°18	5°15	1°27	11°40	5°30	3°54	18°13	n.a.	S 19
M20	7 47 21	28°21'59	10♑52	7° 6	7°28	11°17	27° 6	11°24	5°16	1°25	11°39	5°25	3°51	18°19	n.a.	M20
T 21	7 51 17	29°22'29	22°55	8°34	8°42	12° 1	27° 4	11°30	5°17	1°24	11°38	5°17	3°48	18°26	n.a.	T 21
W22	7 55 14	0♒22'58	5♒ 8	10° 2	9°57	12°45	27° 3	11°37	5°18	1°23	11°36	5° 7	3°44	18°33	n.a.	W22
T 23	7 59 10	1°23'24	17°32	11°31	11°11	13°29	27° 1	11°43	5°19	1°21	11°35	4°56	3°41	18°39	n.a.	T 23
F 24	8 3 7	2°23'49	0♓ 7	13° 1	12°26	14°13	26°59	11°50	5°20	1°20	11°34	4°46	3°38	18°46	n.a.	F 24
S 25	8 7 3	3°24'12	12°54	14°33	13°40	14°57	26°57	11°56	5°21	1°18	11°32	4°36	3°35	18°53	n.a.	S 25
S 26	8 11 0	4°24'33	25°52	16° 5	14°55	15°41	26°55	12° 3	5°22	1°17	11°31	4°27	3°32	18°59	n.a.	S 26
M27	8 14 56	5°24'52	9♈ 4	17°38	16°10	16°24	26°53	12° 9	5°23	1°16	11°30	4°22	3°29	19° 6	n.a.	M27
T 28	8 18 53	6°25'09	22°29	19°13	17°24	17° 8	26°50	12°16	5°23	1°14	11°29	4°19	3°25	19°12	n.a.	T 28
W29	8 22 50	7°25'24	6♉ 8	20°48	18°39	17°52	26°47	12°23	5°24	1°13	11°27	4°D18	3°22	19°19	n.a.	W29
T 30	8 26 46	8°25'36	20° 4	22°25	19°53	18°36	26°44	12°29	5°25	1°11	11°26	4°18	3°19	19°26	n.a.	T 30
F 31	8 30 43	9♒25'47	4♊15	24♑ 2	21♑ 8	19♓19	26♍41	12♓36	5♏25	1♍10	11♋25	4°R19	3♐16	19♐32	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23 s23	13n17	3n22	21 s 3	1n42	22 s 9	0n34	13 s21	0 s50	2n37	1n30	10 s10	2 s17	12 s52	0n24	12n11	1n18	29n 3	5n56	21 s33	21 s20	21 s58			n.a.
T 2	23 18	17 11	2 17	21 19	1 32	22 20	0 31	13 5	0 49	2 36	1 30	10 8	2 17	12 53	0 24	12 11	1 18	29 3	5 56	21 34	21 20	21 58			n.a.
F 3	23 13	20 9	1 3	21 35	1 23	22 31	0 29	12 48	0 48	2 36	1 30	10 5	2 17	12 53	0 24	12 11	1 18	29 3	5 56	21 34	21 19	21 58			n.a.
S 4	23 8	21 49	0 s18	21 51	1 13	22 41	0 26	12 32	0 48	2 35	1 31	10 3	2 16	12 54	0 24	12 12	1 18	29 3	5 56	21 34	21 18	21 57			n.a.
S 5	23 2	21 57	1 39	22 6	1 3	22 50	0 23	12 15	0 47	2 35	1 31	10 1	2 16	12 55	0 24	12 12	1 19	29 4	5 56	21 34	21 18	21 57			n.a.
M 6	22 56	20 29	2 52	22 21	0 53	22 59	0 21	11 58	0 46	2 34	1 31	9 59	2 16	12 55	0 24	12 13	1 19	29 4	5 56	21 33	21 17	21 57			n.a.
T 7	22 49	17 35	3 54	22 36	0 44	23 7	0 18	11 42	0 45	2 34	1 31	9 57	2 16	12 56	0 24	12 13	1 19	29 4	5 56	21 32	21 17	21 57			n.a.
W 8	22 42	13 35	4 38	22 50	0 34	23 14	0 15	11 25	0 44	2 34	1 32	9 54	2 16	12 57	0 24	12 13	1 19	29 4	5 56	21 31	21 16	21 57			n.a.
T 9	22 34	8 53	5 4	23 4	0 25	23 20	0 13	11 8	0 43	2 34	1 32	9 52	2 16	12 57	0 24	12 14	1 19	29 4	5 56	21 30	21 15	21 56			n.a.
F 10	22 26	3 51	5 10	23 17	0 16	23 26	0 10	10 51	0 43	2 34	1 32	9 50	2 15	12 58	0 24	12 14	1 19	29 4	5 56	21 29	21 15	21 56			n.a.
S 11	22 18	1 s12	4 58	23 29	0 7	23 32	0 7	10 33	0 42	2 34	1 33	9 48	2 15	12 58	0 24	12 15	1 19	29 5	5 56	21 28	21 14	21 56			n.a.
S 12	22 9	6 2	4 31	23 40	0 s 1	23 36	0 5	10 16	0 41	2 34	1 33	9 45	2 15	12 59	0 24	12 15	1 19	29 5	5 56	21 28	21 14	21 56			n.a.
M13	22 0	10 27	3 51	23 50	0 10	23 40	0 2	9 59	0 40	2 34	1 33	9 43	2 15	12 59	0 24	12 16	1 19	29 5	5 57	21 27	21 13	21 55			n.a.
T 14	21 50	14 19	3 2	23 59	0 18	23 43	0 s 1	9 42	0 39	2 34	1 33	9 40	2 15	13 0	0 24	12 16	1 19	29 5	5 57	21 27	21 12	21 55			n.a.
W15	21 40	17 30	2 5	24 8	0 26	23 45	0 3	9 24	0 39	2 34	1 34	9 38	2 15	13 0	0 24	12 16	1 19	29 5	5 57	21 28	21 12	21 55			n.a.
T 16	21 29	19 55	1 4	24 15	0 33	23 47	0 6	9 7	0 38	2 35	1 34	9 36	2 15	13 1	0 24	12 17	1 19	29 6	5 57	21 28	21 11	21 55			n.a.
F 17	21 18	21 27	0 1	24 21	0 41	23 47	0 9	8 49	0 37	2 35	1 34	9 33	2 14	13 1	0 24	12 17	1 19	29 6	5 57	21 28	21 11	21 54			n.a.
S 18	21 7	22 2	1n 2	24 26	0 48	23 47	0 11	8 32	0 36	2 36	1 35	9 31	2 14	13 2	0 24	12 18	1 19	29 6	5 57	21 28	21 10	21 54			n.a.
S 19	20 55	21 39	2 3	24 29	0 55	23 47	0 14	8 14	0 35	2 36	1 35	9 28	2 14	13 2	0 24	12 18	1 19	29 6	5 57	21 27	21 9	21 54			n.a.
M20	20 43	20 17	2 58	24 32	1 2	23 45	0 16	7 57	0 35	2 37	1 35	9 26	2 14	13 2	0 24	12 19	1 19	29 6	5 57	21 26	21 9	21 54			n.a.
T 21	20 30	18 0	3 46	24 33	1 8	23 43	0 19	7 39	0 34	2 38	1 35	9 23	2 14	13 3	0 24	12 19	1 19	29 6	5 57	21 25	21 8	21 53			n.a.
W22	20 17	14 55	4 25	24 33	1 14	23 41	0 21	7 21	0 33	2 39	1 36	9 21	2 14	13 3	0 24	12 20	1 19	29 6	5 57	21 23	21 8	21 53			n.a.
T 23	20 4	11 8	4 51	24 31	1 20	23 37	0 24	7 3	0 32	2 40	1 36	9 18	2 14	13 3	0 24	12 20	1 19	29 7	5 57	21 21	21 7	21 53			n.a.
F 24	19 50	6 49	5 4	24 28	1 25	23 33	0 26	6 45	0 31	2 41	1 36	9 15	2 14	13 4	0 24	12 21	1 19	29 7	5 57	21 19	21 6	21 53			n.a.
S 25	19 36	2 9	5 2	24 24	1 30	23 28	0 29	6 28	0 31	2 42	1 36	9 13	2 13	13 4	0 24	12 22	1 19	29 7	5 57	21 17	21 6	21 52			n.a.
S 26	19 22	2n41	4 44	24 18	1 35	23 22	0 31	6 10	0 30	2 43	1 37	9 10	2 13	13 4	0 24	12 22	1 19	29 7	5 57	21 16	21 5	21 52			n.a.
M27	19 7	7 28	4 11	24 10	1 40	23 16	0 33	5 52	0 29	2 44	1 37	9 7	2 13	13 5	0 24	12 23	1 19	29 7	5 57	21 15	21 5	21 52			n.a.
T 28	18 52	11 59	3 24	24 1	1 44	23 8	0 36	5 34	0 28	2 45	1 37	9 5	2 13	13 5	0 24	12 23	1 19	29 7	5 57	21 14	21 4	21 51			n.a.
W29	18 37	15 59	2 24	23 51	1 48	23 1	0 38	5 16	0 27	2 47	1 37	9 2	2 13	13 5	0 24	12 24	1 19	29 7	5 57	21 14	21 3	21 51			n.a.
T 30	18 21	19 9	1 15	23 39	1 51	22 52	0 40	4 58	0 27	2 48	1 38	8 59	2 13	13 5	0 24	12 24	1 19	29 8	5 57	21 14	21 3	21 51			n.a.
F 31	18 s 5	21n14	0n 0	23 s25	1 s55	22 s43	0 s42	4 s40	0 s26	2n50	1n38	8 s57	2 s13	13 s 5	0n24	12n25	1n19	29n 8	5n57	21 s14	21 s 2	21 s50			n.a.

Julian Day Number = 1708274.5, Delta T = 03h02m03s
Ecliptic obliquity = 23°41'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°33'35, Lahiri = - 4°26'35 Julian Calendar 1 Jan. 36 BCE == Greg. Calendar 30 Dec. 037 BCE

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ASTRODIENST EPHEMERIS for the year 36 BCE
geocentric

FEBRUARY 36 BCE (-35) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 34 39	10♒25'55	18♊42	25♉41	22♉22	20♓ 3	26°R38	12♓43	5♏26	1°R 8	11°R24	4°R18	3♐13	19♐39	n.a.	S 1
S 2	8 38 36	11°26'01	3♋21	27°20	23°37	20°46	26♍34	12°50	5°26	1♍ 7	11♋23	4♐15	3° 9	19°46	n.a.	S 2
M 3	8 42 32	12°26'05	18° 7	29° 1	24°51	21°30	26°31	12°57	5°27	1° 5	11°21	4° 9	3° 6	19°52	n.a.	M 3
T 4	8 46 29	13°26'06	2♌53	0♒42	26° 6	22°13	26°27	13° 4	5°27	1° 3	11°20	4° 1	3° 3	19°59	n.a.	T 4
W 5	8 50 25	14°26'06	17°32	2°25	27°20	22°57	26°23	13°11	5°27	1° 2	11°19	3°50	3° 0	20° 6	n.a.	W 5
T 6	8 54 22	15°26'03	1♍55	4° 9	28°34	23°40	26°19	13°18	5°28	1° 0	11°18	3°39	2°57	20°12	n.a.	T 6
F 7	8 58 19	16°25'59	15°56	5°54	29°49	24°23	26°14	13°25	5°28	0°59	11°17	3°28	2°54	20°19	n.a.	F 7
S 8	9 2 15	17°25'53	29°32	7°40	1♒ 3	25° 7	26°10	13°32	5°28	0°57	11°16	3°18	2°50	20°26	n.a.	S 8
S 9	9 6 12	18°25'44	12♎41	9°27	2°18	25°50	26° 5	13°39	5°28	0°56	11°15	3°11	2°47	20°32	n.a.	S 9
M10	9 10 8	19°25'34	25°25	11°16	3°32	26°33	26° 0	13°47	5°R28	0°54	11°14	3° 7	2°44	20°39	n.a.	M10
T 11	9 14 5	20°25'23	7♏47	13° 5	4°47	27°16	25°55	13°54	5°28	0°52	11°13	3° 4	2°41	20°46	n.a.	T 11
W12	9 18 1	21°25'09	19°53	14°56	6° 1	28° 0	25°50	14° 1	5°28	0°51	11°12	3°D 4	2°38	20°52	n.a.	W12
T 13	9 21 58	22°24'54	1♐47	16°48	7°15	28°43	25°45	14° 8	5°28	0°49	11°11	3°R 4	2°35	20°59	n.a.	T 13
F 14	9 25 54	23°24'37	13°35	18°41	8°30	29°26	25°40	14°16	5°28	0°47	11°10	3° 3	2°31	21° 6	n.a.	F 14
S 15	9 29 51	24°24'18	25°22	20°35	9°44	0♈ 9	25°34	14°23	5°28	0°46	11° 9	3° 1	2°28	21°12	n.a.	S 15
S 16	9 33 48	25°23'57	7♉14	22°30	10°59	0°52	25°28	14°30	5°27	0°44	11° 8	2°57	2°25	21°19	n.a.	S 16
M17	9 37 44	26°23'34	19°14	24°26	12°13	1°35	25°23	14°38	5°27	0°43	11° 7	2°50	2°22	21°26	n.a.	M17
T 18	9 41 41	27°23'10	1♒25	26°24	13°27	2°17	25°17	14°45	5°27	0°41	11° 6	2°41	2°19	21°32	n.a.	T 18
W19	9 45 37	28°22'43	13°51	28°22	14°42	3° 0	25°11	14°53	5°26	0°39	11° 5	2°28	2°15	21°39	n.a.	W19
T 20	9 49 34	29°22'14	26°31	0♓21	15°56	3°43	25° 4	15° 0	5°26	0°38	11° 4	2°15	2°12	21°46	n.a.	T 20
F 21	9 53 30	0♓21'43	9♓26	2°21	17°10	4°26	24°58	15° 8	5°25	0°36	11° 3	2° 1	2° 9	21°52	n.a.	F 21
S 22	9 57 27	1°21'10	22°34	4°22	18°25	5° 9	24°52	15°15	5°25	0°34	11° 2	1°49	2° 6	21°59	n.a.	S 22
S 23	10 1 23	2°20'34	5♈54	6°23	19°39	5°51	24°45	15°23	5°24	0°33	11° 2	1°38	2° 3	22° 5	n.a.	S 23
M24	10 5 20	3°19'57	19°25	8°25	20°53	6°34	24°39	15°30	5°23	0°31	11° 1	1°31	2° 0	22°12	n.a.	M24
T 25	10 9 16	4°19'16	3♉ 4	10°27	22° 8	7°16	24°32	15°38	5°23	0°29	11° 0	1°26	1°56	22°19	n.a.	T 25
W26	10 13 13	5°18'34	16°52	12°29	23°22	7°59	24°25	15°45	5°22	0°28	10°59	1°24	1°53	22°25	n.a.	W26
T 27	10 17 10	6°17'49	0♊48	14°30	24°36	8°41	24°18	15°53	5°21	0°26	10°59	1°24	1°50	22°32	n.a.	T 27
F 28	10 21 6	7♓17'02	14♊52	16♓31	25♒51	9♈24	24♍11	16♓ 0	5♏20	0♍24	10♋58	1♐24	1♐47	22♐39	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s49	21n57	1s16	23s10	1s57	22s33	0s44	4s22	0s25	2n51	1n38	8s54	2s13	13s 6	0n24	12n25	1n19	29n 8	5n57	21s14	21s 2	21s50		n.a.
S 2	17 32	21 11	2 28	22 53	2 0	22 22	0 47	4 4	0 24	2 53	1 38	8 51	2 13	13 6	0 24	12 26	1 20	29 8	5 57	21 13	21 1	21 50		n.a.
M 3	17 15	18 59	3 31	22 34	2 2	22 11	0 49	3 46	0 23	2 55	1 39	8 48	2 13	13 6	0 24	12 27	1 20	29 8	5 57	21 12	21 0	21 49		n.a.
T 4	16 58	15 31	4 19	22 13	2 3	21 59	0 51	3 28	0 23	2 56	1 39	8 46	2 12	13 6	0 24	12 27	1 20	29 8	5 57	21 11	21 0	21 49		n.a.
W 5	16 41	11 8	4 50	21 51	2 5	21 47	0 53	3 10	0 22	2 58	1 39	8 43	2 12	13 6	0 24	12 28	1 20	29 8	5 57	21 9	20 59	21 49		n.a.
T 6	16 23	6 13	5 2	21 27	2 5	21 34	0 55	2 52	0 21	3 0	1 39	8 40	2 12	13 6	0 24	12 28	1 20	29 8	5 57	21 7	20 58	21 48		n.a.
F 7	16 5	1 5	4 55	21 2	2 6	21 20	0 56	2 34	0 20	3 2	1 40	8 37	2 12	13 6	0 24	12 29	1 20	29 8	5 57	21 4	20 58	21 48		n.a.
S 8	15 47	3s57	4 32	20 34	2 6	21 5	0 58	2 16	0 20	3 4	1 40	8 34	2 12	13 6	0 24	12 30	1 20	29 8	5 57	21 3	20 57	21 48		n.a.
S 9	15 28	8 39	3 54	20 5	2 5	20 50	1 0	1 58	0 19	3 6	1 40	8 31	2 12	13 6	0 24	12 30	1 20	29 8	5 57	21 1	20 57	21 47		n.a.
M10	15 9	12 49	3 6	19 34	2 4	20 34	1 2	1 40	0 18	3 8	1 40	8 29	2 12	13 6	0 24	12 31	1 20	29 8	5 57	21 0	20 56	21 47		n.a.
T 11	14 50	16 18	2 10	19 1	2 2	20 18	1 3	1 22	0 17	3 10	1 41	8 26	2 12	13 6	0 24	12 31	1 20	29 9	5 57	21 0	20 55	21 47		n.a.
W12	14 31	19 1	1 9	18 27	2 0	20 1	1 5	1 4	0 17	3 13	1 41	8 23	2 12	13 6	0 24	12 32	1 20	29 9	5 57	21 0	20 55	21 46		n.a.
T 13	14 11	20 51	0 7	17 50	1 58	19 44	1 7	0 46	0 16	3 15	1 41	8 20	2 12	13 6	0 24	12 33	1 20	29 9	5 57	21 0	20 54	21 46		n.a.
F 14	13 52	21 45	0n56	17 12	1 55	19 26	1 8	0 28	0 15	3 17	1 41	8 17	2 12	13 6	0 24	12 33	1 20	29 9	5 57	21 0	20 53	21 45		n.a.
S 15	13 32	21 42	1 55	16 32	1 51	19 7	1 10	0 10	0 14	3 20	1 41	8 14	2 12	13 6	0 24	12 34	1 20	29 9	5 57	20 59	20 53	21 45		n.a.
S 16	13 12	20 40	2 50	15 51	1 47	18 48	1 11	0n 8	0 14	3 22	1 42	8 11	2 12	13 6	0 24	12 34	1 20	29 9	5 57	20 59	20 52	21 45		n.a.
M17	12 51	18 42	3 39	15 7	1 42	18 28	1 12	0 26	0 13	3 25	1 42	8 8	2 12	13 6	0 24	12 35	1 20	29 9	5 57	20 57	20 52	21 44		n.a.
T 18	12 31	15 52	4 17	14 22	1 37	18 8	1 14	0 44	0 12	3 27	1 42	8 5	2 12	13 6	0 24	12 36	1 20	29 9	5 56	20 55	20 51	21 44		n.a.
W19	12 10	12 18	4 45	13 35	1 31	17 48	1 15	1 2	0 11	3 30	1 42	8 2	2 12	13 5	0 25	12 36	1 20	29 9	5 56	20 53	20 50	21 43		n.a.
T 20	11 49	8 8	4 59	12 47	1 25	17 26	1 16	1 20	0 11	3 32	1 42	7 59	2 12	13 5	0 25	12 37	1 20	29 9	5 56	20 50	20 50	21 43		n.a.
F 21	11 28	3 32	4 58	11 57	1 17	17 5	1 17	1 38	0 10	3 35	1 42	7 56	2 12	13 5	0 25	12 37	1 20	29 9	5 56	20 47	20 49	21 43		n.a.
S 22	11 7	1n19	4 41	11 6	1 10	16 43	1 18	1 55	0 9	3 38	1 43	7 53	2 12	13 5	0 25	12 38	1 20	29 9	5 56	20 45	20 48	21 42		n.a.
S 23	10 45	6 10	4 9	10 13	1 2	16 20	1 19	2 13	0 9	3 40	1 43	7 50	2 11	13 5	0 25	12 39	1 20	29 9	5 56	20 43	20 48	21 42		n.a.
M24	10 24	10 47	3 22	9 19	0 53	15 57	1 20	2 31	0 8	3 43	1 43	7 47	2 11	13 4	0 25	12 39	1 20	29 9	5 56	20 41	20 47	21 41		n.a.
T 25	10 2	14 55	2 24	8 24	0 44	15 34	1 21	2 48	0 7	3 46	1 43	7 44	2 11	13 4	0 25	12 40	1 20	29 9	5 56	20 40	20 46	21 41		n.a.
W26	9 40	18 16	1 16	7 28	0 34	15 10	1 22	3 6	0 6	3 49	1 43	7 41	2 11	13 4	0 25	12 40	1 20	29 9	5 56	20 40	20 46	21 40		n.a.
T 27	9 18	20 35	0 3	6 32	0 24	14 45	1 23	3 24	0 6	3 52	1 43	7 38	2 11	13 4	0 25	12 41	1 20	29 9	5 56	20 40	20 45	21 40		n.a.
F 28	8s56	21n40	1s11	5s35	0s13	14s21	1s23	3n41	0s 5	3n55	1n43	7s36	2s11	13s 3	0n25	12n42	1n20	29n 9	5n56	20s40	20s44	21s39		n.a.

Julian Day Number = 1708305.5, Delta T = 03h02m02s
Ecliptic obliquity = 23°41'53, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°33'31, Lahiri = - 4°26'31 Julian Calendar 1 Feb. 36 BCE == Greg. Calendar 30 Jan. 036 BCE

The year -35 astronomical counting style corresponds to year 036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 36 BCE
geocentric

MARCH 36 BCE (-35) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 25 3	8♓16'12	29♊ 3	18♓31	27♒ 5	10♈ 6	24°R 4	16♓ 8	5°R19	0°R23	10°R57	1°R23	1♐44	22♐45	n.a.	S 1
S 2	10 28 59	9°15'20	13♋21	20°29	28°19	10°49	23♍57	16°16	5♏18	0♍21	10♋57	1♐20	1°41	22°52	n.a.	S 2
M 3	10 32 56	10°14'26	27°41	22°26	29°33	11°31	23°50	16°23	5°17	0°19	10°56	1°14	1°37	22°59	n.a.	M 3
T 4	10 36 52	11°13'29	12♌ 1	24°21	0♓48	12°13	23°42	16°31	5°16	0°18	10°56	1° 5	1°34	23° 5	n.a.	T 4
W 5	10 40 49	12°12'29	26°15	26°13	2° 2	12°55	23°35	16°38	5°15	0°16	10°55	0°54	1°31	23°12	n.a.	W 5
T 6	10 44 45	13°11'28	10♍17	28° 3	3°16	13°38	23°27	16°46	5°14	0°15	10°54	0°42	1°28	23°19	n.a.	T 6
F 7	10 48 42	14°10'24	24° 2	29°49	4°30	14°20	23°20	16°54	5°13	0°13	10°54	0°31	1°25	23°25	n.a.	F 7
S 8	10 52 39	15° 9'18	7♎28	1♈32	5°44	15° 2	23°12	17° 1	5°11	0°11	10°53	0°20	1°21	23°32	n.a.	S 8
S 9	10 56 35	16° 8'11	20°31	3°11	6°58	15°44	23° 5	17° 9	5°10	0°10	10°53	0°12	1°18	23°39	n.a.	S 9
M10	11 0 32	17° 7'01	3♏14	4°45	8°13	16°26	22°57	17°17	5° 9	0° 8	10°53	0° 7	1°15	23°45	n.a.	M10
T 11	11 4 28	18° 5'49	15°36	6°15	9°27	17° 8	22°50	17°24	5° 7	0° 7	10°52	0° 4	1°12	23°52	n.a.	T 11
W12	11 8 25	19° 4'36	27°43	7°40	10°41	17°50	22°42	17°32	5° 6	0° 5	10°52	0°D 3	1° 9	23°59	n.a.	W12
T 13	11 12 21	20° 3'21	9♐39	9° 1	11°55	18°32	22°34	17°40	5° 4	0° 3	10°51	0° 3	1° 6	24° 5	n.a.	T 13
F 14	11 16 18	21° 2'04	21°28	10°16	13° 9	19°13	22°27	17°47	5° 3	0° 2	10°51	0°R 3	1° 2	24°12	n.a.	F 14
S 15	11 20 14	22° 0'45	3♑18	11°25	14°23	19°55	22°19	17°55	5° 1	0° 0	10°51	0° 3	0°59	24°19	n.a.	S 15
S 16	11 24 11	22°59'25	15°12	12°29	15°37	20°37	22°11	18° 3	5° 0	29♌59	10°50	0° 0	0°56	24°25	n.a.	S 16
M17	11 28 7	23°58'02	27°15	13°28	16°51	21°19	22° 4	18°10	4°58	29°57	10°50	29♏55	0°53	24°32	n.a.	M17
T 18	11 32 4	24°56'38	9♒33	14°20	18° 6	22° 0	21°56	18°18	4°56	29°56	10°50	29°48	0°50	24°39	n.a.	T 18
W19	11 36 1	25°55'12	22° 7	15° 7	19°20	22°42	21°48	18°25	4°55	29°55	10°50	29°39	0°46	24°45	n.a.	W19
T 20	11 39 57	26°53'44	5♓ 0	15°47	20°34	23°24	21°41	18°33	4°53	29°53	10°50	29°29	0°43	24°52	n.a.	T 20
F 21	11 43 54	27°52'14	18°12	16°22	21°48	24° 5	21°33	18°41	4°51	29°52	10°49	29°18	0°40	24°59	n.a.	F 21
S 22	11 47 50	28°50'42	1♈42	16°51	23° 2	24°47	21°25	18°48	4°49	29°50	10°49	29° 8	0°37	25° 5	n.a.	S 22
S 23	11 51 47	29°49'09	15°26	17°13	24°16	25°28	21°18	18°56	4°47	29°49	10°49	28°59	0°34	25°12	n.a.	S 23
M24	11 55 43	0♈47'33	29°21	17°30	25°30	26° 9	21°10	19° 3	4°46	29°47	10°49	28°54	0°31	25°18	n.a.	M24
T 25	11 59 40	1°45'55	13♉25	17°41	26°44	26°51	21° 3	19°11	4°44	29°46	10°49	28°50	0°27	25°25	n.a.	T 25
W26	12 3 36	2°44'15	27°32	17°R45	27°58	27°32	20°55	19°18	4°42	29°45	10°D49	28°D49	0°24	25°32	n.a.	W26
T 27	12 7 33	3°42'33	11♊42	17°44	29°12	28°14	20°48	19°26	4°40	29°43	10°49	28°50	0°21	25°38	n.a.	T 27
F 28	12 11 30	4°40'49	25°52	17°38	0♈26	28°55	20°41	19°34	4°38	29°42	10°49	28°51	0°18	25°45	n.a.	F 28
S 29	12 15 26	5°39'03	10♋ 1	17°26	1°40	29°36	20°33	19°41	4°36	29°41	10°49	28°R51	0°15	25°52	n.a.	S 29
S 30	12 19 23	6°37'14	24° 6	17°10	2°54	0♉17	20°26	19°48	4°34	29°40	10°49	28°49	0°12	25°58	n.a.	S 30
M31	12 23 19	7♈35'23	8♌ 8	16♈48	4♈ 8	0♉58	20♍19	19♓56	4♏31	29♌38	10♋49	28♏46	0♐ 8	26♐ 5	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8s33	21n21	2s21	4s37	0s 2	13s56	1s24	3n59	0s 4	3n58	1n43	7s33	2s11	13s 3	0n25	12n42	1n20	29n 9	5n56	20s40	20s44	21s39		n.a.
S 2	8 11	19 40	3 22	3 40	0n10	13 30	1 24	4 16	0 4	4 1	1 44	7 30	2 11	13 3	0 25	12 43	1 20	29 9	5 56	20 39	20 43	21 39		n.a.
M 3	7 49	16 44	4 12	2 42	0 21	13 4	1 25	4 33	0 3	4 4	1 44	7 27	2 11	13 2	0 25	12 43	1 20	29 9	5 56	20 38	20 43	21 38		n.a.
T 4	7 26	12 49	4 45	1 46	0 33	12 38	1 25	4 51	0 2	4 7	1 44	7 24	2 11	13 2	0 25	12 44	1 20	29 9	5 56	20 36	20 42	21 38		n.a.
W 5	7 3	8 12	5 0	0 50	0 45	12 12	1 26	5 8	0 2	4 10	1 44	7 20	2 11	13 2	0 25	12 45	1 20	29 9	5 56	20 34	20 41	21 37		n.a.
T 6	6 40	3 13	4 57	0n 5	0 57	11 45	1 26	5 25	0 1	4 13	1 44	7 17	2 11	13 1	0 25	12 45	1 20	29 9	5 56	20 31	20 41	21 37		n.a.
F 7	6 18	1s50	4 36	0 59	1 9	11 18	1 26	5 42	0 0	4 16	1 44	7 14	2 11	13 1	0 25	12 46	1 20	29 9	5 55	20 29	20 40	21 36		n.a.
S 8	5 55	6 40	4 1	1 51	1 21	10 50	1 26	5 59	0n 0	4 19	1 44	7 11	2 11	13 0	0 25	12 46	1 20	29 9	5 55	20 26	20 39	21 36		n.a.
S 9	5 32	11 5	3 13	2 42	1 33	10 23	1 26	6 16	0 1	4 22	1 44	7 8	2 11	13 0	0 25	12 47	1 20	29 9	5 55	20 25	20 39	21 35		n.a.
M10	5 8	14 52	2 17	3 30	1 44	9 55	1 26	6 33	0 2	4 25	1 44	7 5	2 11	12 59	0 25	12 47	1 20	29 9	5 55	20 24	20 38	21 35		n.a.
T 11	4 45	17 54	1 16	4 16	1 55	9 27	1 26	6 50	0 2	4 28	1 44	7 2	2 11	12 59	0 25	12 48	1 20	29 9	5 55	20 23	20 37	21 34		n.a.
W12	4 22	20 4	0 12	5 0	2 6	8 58	1 26	7 7	0 3	4 31	1 44	6 59	2 12	12 58	0 25	12 48	1 20	29 9	5 55	20 23	20 37	21 34		n.a.
T 13	3 59	21 18	0n51	5 41	2 16	8 30	1 26	7 24	0 4	4 34	1 44	6 56	2 12	12 58	0 25	12 49	1 20	29 9	5 55	20 23	20 36	21 33		n.a.
F 14	3 35	21 34	1 52	6 19	2 25	8 1	1 26	7 40	0 4	4 37	1 44	6 53	2 12	12 57	0 25	12 50	1 20	29 9	5 55	20 23	20 35	21 33		n.a.
S 15	3 12	20 52	2 47	6 55	2 33	7 31	1 26	7 57	0 5	4 40	1 44	6 51	2 12	12 57	0 25	12 50	1 20	29 9	5 55	20 23	20 35	21 32		n.a.
S 16	2 49	19 14	3 36	7 27	2 41	7 2	1 25	8 13	0 6	4 43	1 44	6 48	2 12	12 56	0 25	12 51	1 20	29 9	5 55	20 22	20 34	21 32		n.a.
M17	2 25	16 45	4 16	7 57	2 48	6 33	1 25	8 30	0 6	4 46	1 44	6 45	2 12	12 56	0 25	12 51	1 20	29 8	5 55	20 21	20 33	21 31		n.a.
T 18	2 2	13 28	4 45	8 23	2 54	6 3	1 24	8 46	0 7	4 50	1 44	6 42	2 12	12 55	0 25	12 52	1 20	29 8	5 55	20 20	20 33	21 30		n.a.
W19	1 38	9 32	5 1	8 46	2 59	5 33	1 24	9 2	0 8	4 53	1 44	6 39	2 12	12 55	0 25	12 52	1 20	29 8	5 55	20 18	20 32	21 30		n.a.
T 20	1 15	5 5	5 2	9 6	3 3	5 3	1 23	9 19	0 8	4 56	1 44	6 36	2 12	12 54	0 25	12 53	1 20	29 8	5 54	20 15	20 31	21 29		n.a.
F 21	0 51	0 18	4 48	9 22	3 6	4 33	1 23	9 35	0 9	4 59	1 44	6 33	2 12	12 53	0 25	12 53	1 20	29 8	5 54	20 13	20 31	21 29		n.a.
S 22	0 28	4n36	4 17	9 35	3 8	4 3	1 22	9 51	0 9	5 2	1 44	6 30	2 12	12 53	0 25	12 54	1 20	29 8	5 54	20 11	20 30	21 28		n.a.
S 23	0 4	9 22	3 30	9 44	3 9	3 33	1 21	10 7	0 10	5 5	1 44	6 27	2 12	12 52	0 25	12 54	1 20	29 8	5 54	20 9	20 29	21 28		n.a.
M24	0n19	13 43	2 31	9 50	3 8	3 2	1 20	10 22	0 11	5 8	1 44	6 24	2 12	12 51	0 25	12 55	1 20	29 8	5 54	20 8	20 29	21 27		n.a.
T 25	0 43	17 20	1 22	9 52	3 6	2 32	1 19	10 38	0 11	5 10	1 44	6 21	2 12	12 51	0 25	12 55	1 20	29 8	5 54	20 7	20 28	21 27		n.a.
W26	1 6	19 56	0 7	9 51	3 3	2 1	1 19	10 54	0 12	5 13	1 44	6 18	2 12	12 50	0 25	12 56	1 20	29 8	5 54	20 7	20 27	21 26		n.a.
T 27	1 29	21 18	1s 9	9 47	2 58	1 30	1 18	11 9	0 13	5 16	1 44	6 15	2 12	12 49	0 25	12 56	1 20	29 8	5 54	20 7	20 27	21 25		n.a.
F 28	1 53	21 18	2 20	9 39	2 53	1 0	1 16	11 25	0 13	5 19	1 44	6 12	2 12	12 49	0 25	12 56	1 20	29 8	5 54	20 7	20 26	21 25		n.a.
S 29	2 16	19 57	3 23	9 27	2 45	0 29	1 15	11 40	0 14	5 22	1 44	6 9	2 12	12 48	0 25	12 57	1 20	29 8	5 54	20 7	20 25	21 24		n.a.
S 30	2 39	17 22	4 13	9 13	2 37	0n 2	1 14	11 55	0 14	5 25	1 43	6 6	2 13	12 47	0 25	12 57	1 20	29 7	5 54	20 7	20 25	21 24		n.a.
M31	3n 3	13n48	4s48	8n56	2n27	0n33	1s13	12n10	0n15	5n27	1n43	6s 3	2s13	12s47	0n25	12n58	1n20	29n 7	5n53	20s 6	20s24	21s23		n.a.

Julian Day Number = 1708333.5, Delta T = 03h02m01s
Ecliptic obliquity = 23°41'54, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°33'27, Lahiri = - 4°26'27 Julian Calendar 1 March 36 BCE == Greg. Calendar 27 Feb. 036 BCE

The year -35 astronomical counting style corresponds to year 036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 36 BCE
geocentric

APRIL 36 BCE (-35) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 27 16	8♈33'30	22♌ 3	16°R23	5♈22	1♉39	20°R12	20♓ 3	4°R29	29°R37	10♋50	28°R40	0♐ 5	26♐12	n.a.	T 1
W 2	12 31 12	9°31'36	5♍50	15♈54	6°36	2°20	20♍ 5	20°11	4♏27	29♌36	10°50	28♏33	0° 2	26°18	n.a.	W 2
T 3	12 35 9	10°29'39	19°25	15°22	7°50	3° 1	19°58	20°18	4°25	29°35	10°50	28°25	29♏59	26°25	n.a.	T 3
F 4	12 39 5	11°27'40	2♎47	14°48	9° 3	3°42	19°52	20°25	4°23	29°34	10°50	28°17	29°56	26°32	n.a.	F 4
S 5	12 43 2	12°25'39	15°53	14°12	10°17	4°23	19°45	20°33	4°20	29°33	10°50	28°10	29°52	26°38	n.a.	S 5
S 6	12 46 58	13°23'37	28°42	13°34	11°31	5° 4	19°38	20°40	4°18	29°31	10°51	28° 5	29°49	26°45	n.a.	S 6
M 7	12 50 55	14°21'33	11♏14	12°56	12°45	5°45	19°32	20°47	4°16	29°30	10°51	28° 2	29°46	26°52	n.a.	M 7
T 8	12 54 52	15°19'28	23°31	12°19	13°59	6°26	19°26	20°54	4°14	29°29	10°51	28°D 0	29°43	26°58	n.a.	T 8
W 9	12 58 48	16°17'21	5♐36	11°42	15°13	7° 7	19°19	21° 2	4°11	29°28	10°52	28° 0	29°40	27° 5	n.a.	W 9
T 10	13 2 45	17°15'13	17°31	11° 7	16°27	7°47	19°13	21° 9	4° 9	29°27	10°52	28° 2	29°37	27°12	n.a.	T 10
F 11	13 6 41	18°13'04	29°21	10°34	17°40	8°28	19° 7	21°16	4° 7	29°26	10°52	28° 3	29°33	27°18	n.a.	F 11
S 12	13 10 38	19°10'53	11♑11	10° 3	18°54	9° 9	19° 1	21°23	4° 4	29°25	10°53	28° 4	29°30	27°25	n.a.	S 12
S 13	13 14 34	20° 8'41	23° 6	9°35	20° 8	9°49	18°56	21°30	4° 2	29°24	10°53	28°R 5	29°27	27°32	n.a.	S 13
M14	13 18 31	21° 6'27	5♒11	9°11	21°22	10°30	18°50	21°37	4° 0	29°24	10°54	28° 4	29°24	27°38	n.a.	M14
T 15	13 22 27	22° 4'12	17°30	8°51	22°36	11°11	18°45	21°44	3°57	29°23	10°54	28° 1	29°21	27°45	n.a.	T 15
W16	13 26 24	23° 1'56	0♓ 8	8°35	23°50	11°51	18°39	21°51	3°55	29°22	10°55	27°57	29°17	27°52	n.a.	W16
T 17	13 30 21	23°59'39	13° 7	8°23	25° 3	12°32	18°34	21°58	3°52	29°21	10°55	27°52	29°14	27°58	n.a.	T 17
F 18	13 34 17	24°57'20	26°29	8°15	26°17	13°12	18°29	22° 5	3°50	29°20	10°56	27°47	29°11	28° 5	n.a.	F 18
S 19	13 38 14	25°55'01	10♈12	8°D12	27°31	13°52	18°24	22°12	3°47	29°19	10°57	27°42	29° 8	28°12	n.a.	S 19
S 20	13 42 10	26°52'40	24°16	8°13	28°45	14°33	18°19	22°18	3°45	29°19	10°57	27°38	29° 5	28°18	n.a.	S 20
M21	13 46 7	27°50'17	8♉35	8°20	29°59	15°13	18°15	22°25	3°42	29°18	10°58	27°35	29° 2	28°25	n.a.	M21
T 22	13 50 3	28°47'53	23° 4	8°30	1♉12	15°53	18°10	22°32	3°40	29°17	10°59	27°D34	28°58	28°32	n.a.	T 22
W23	13 54 0	29°45'28	7♊37	8°45	2°26	16°34	18° 6	22°39	3°37	29°17	10°59	27°34	28°55	28°38	n.a.	W23
T 24	13 57 56	0♉43'02	22° 9	9° 5	3°40	17°14	18° 2	22°45	3°35	29°16	11° 0	27°35	28°52	28°45	n.a.	T 24
F 25	14 1 53	1°40'34	6♋36	9°29	4°54	17°54	17°58	22°52	3°32	29°15	11° 1	27°37	28°49	28°52	n.a.	F 25
S 26	14 5 50	2°38'04	20°54	9°57	6° 7	18°34	17°54	22°58	3°30	29°15	11° 2	27°38	28°46	28°58	n.a.	S 26
S 27	14 9 46	3°35'33	5♌ 0	10°29	7°21	19°15	17°51	23° 5	3°27	29°14	11° 2	27°R38	28°43	29° 5	n.a.	S 27
M28	14 13 43	4°33'00	18°53	11° 5	8°35	19°55	17°47	23°11	3°25	29°14	11° 3	27°38	28°39	29°12	n.a.	M28
T 29	14 17 39	5°30'26	2♍33	11°45	9°48	20°35	17°44	23°18	3°22	29°13	11° 4	27°36	28°36	29°18	n.a.	T 29
W30	14 21 36	6♉27'51	15♍59	12♈29	11♉ 2	21♉15	17♍41	23♓24	3♏20	29♌13	11♋ 5	27♏34	28♏33	29♐25	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3n26	9n30	5s 5	8n36	2n16	1n 4	1s12	12n25	0n16	5n30	1n43	6s 1	2s13	12s46	0n25	12n58	1n20	29n 7	5n53	20s 5	20s23	21s22		n.a.
W 2	3 49	4 45	5 5	8 13	2 3	1 34	1 10	12 40	0 16	5 33	1 43	5 58	2 13	12 45	0 25	12 59	1 20	29 7	5 53	20 3	20 23	21 22		n.a.
T 3	4 12	0s10	4 47	7 48	1 50	2 5	1 9	12 55	0 17	5 35	1 43	5 55	2 13	12 44	0 25	12 59	1 20	29 7	5 53	20 1	20 22	21 21		n.a.
F 4	4 35	5 0	4 14	7 21	1 35	2 36	1 7	13 10	0 17	5 38	1 43	5 52	2 13	12 44	0 25	12 59	1 20	29 7	5 53	20 0	20 21	21 21		n.a.
S 5	4 58	9 30	3 28	6 53	1 20	3 6	1 6	13 24	0 18	5 40	1 43	5 49	2 13	12 43	0 25	13 0	1 20	29 7	5 53	19 58	20 21	21 20		n.a.
S 6	5 21	13 29	2 32	6 24	1 4	3 37	1 4	13 39	0 19	5 43	1 43	5 46	2 13	12 42	0 25	13 0	1 20	29 7	5 53	19 57	20 20	21 19		n.a.
M 7	5 43	16 47	1 30	5 54	0 48	4 8	1 3	13 53	0 19	5 45	1 42	5 44	2 13	12 41	0 25	13 0	1 20	29 7	5 53	19 56	20 19	21 19		n.a.
T 8	6 6	19 15	0 24	5 24	0 31	4 38	1 1	14 7	0 20	5 48	1 42	5 41	2 13	12 41	0 25	13 1	1 20	29 6	5 53	19 56	20 18	21 18		n.a.
W 9	6 28	20 48	0n41	4 53	0 14	5 8	1 0	14 21	0 20	5 50	1 42	5 38	2 14	12 40	0 25	13 1	1 20	29 6	5 53	19 56	20 18	21 17		n.a.
T 10	6 51	21 23	1 44	4 24	0s 3	5 39	0 58	14 35	0 21	5 52	1 42	5 35	2 14	12 39	0 25	13 2	1 19	29 6	5 53	19 56	20 17	21 17		n.a.
F 11	7 13	21 0	2 42	3 55	0 20	6 9	0 56	14 49	0 21	5 54	1 42	5 33	2 14	12 38	0 25	13 2	1 19	29 6	5 53	19 56	20 16	21 16		n.a.
S 12	7 35	19 41	3 33	3 28	0 37	6 39	0 54	15 3	0 22	5 57	1 42	5 30	2 14	12 37	0 25	13 2	1 19	29 6	5 52	19 57	20 16	21 16		n.a.
S 13	7 57	17 30	4 16	3 2	0 53	7 9	0 52	15 16	0 23	5 59	1 41	5 27	2 14	12 37	0 25	13 2	1 19	29 6	5 52	19 57	20 15	21 15		n.a.
M14	8 19	14 32	4 47	2 38	1 8	7 38	0 51	15 30	0 23	6 1	1 41	5 25	2 14	12 36	0 25	13 3	1 19	29 6	5 52	19 57	20 14	21 14		n.a.
T 15	8 41	10 53	5 7	2 16	1 24	8 8	0 49	15 43	0 24	6 3	1 41	5 22	2 14	12 35	0 25	13 3	1 19	29 6	5 52	19 56	20 14	21 14		n.a.
W16	9 3	6 41	5 12	1 56	1 38	8 37	0 47	15 56	0 24	6 5	1 41	5 19	2 14	12 34	0 25	13 3	1 19	29 5	5 52	19 55	20 13	21 13		n.a.
T 17	9 24	2 5	5 1	1 39	1 51	9 7	0 45	16 9	0 25	6 6	1 41	5 17	2 15	12 33	0 25	13 4	1 19	29 5	5 52	19 54	20 12	21 12		n.a.
F 18	9 46	2n46	4 34	1 25	2 4	9 35	0 43	16 22	0 25	6 8	1 40	5 14	2 15	12 32	0 25	13 4	1 19	29 5	5 52	19 53	20 12	21 12		n.a.
S 19	10 7	7 37	3 51	1 12	2 16	10 4	0 41	16 35	0 26	6 10	1 40	5 11	2 15	12 32	0 25	13 4	1 19	29 5	5 52	19 52	20 11	21 11		n.a.
S 20	10 28	12 10	2 52	1 3	2 27	10 33	0 38	16 48	0 26	6 12	1 40	5 9	2 15	12 31	0 25	13 4	1 19	29 5	5 52	19 51	20 10	21 10		n.a.
M21	10 49	16 8	1 42	0 56	2 37	11 1	0 36	17 0	0 27	6 13	1 40	5 6	2 15	12 30	0 25	13 5	1 19	29 5	5 52	19 50	20 9	21 10		n.a.
T 22	11 10	19 8	0 25	0 52	2 46	11 29	0 34	17 13	0 27	6 15	1 39	5 4	2 15	12 29	0 25	13 5	1 19	29 5	5 52	19 50	20 9	21 9		n.a.
W23	11 30	20 55	0s55	0 51	2 54	11 57	0 32	17 25	0 28	6 16	1 39	5 1	2 15	12 28	0 25	13 5	1 19	29 5	5 52	19 50	20 8	21 8		n.a.
T 24	11 51	21 17	2 11	0 52	3 1	12 24	0 30	17 37	0 28	6 18	1 39	4 59	2 16	12 27	0 25	13 5	1 19	29 4	5 51	19 50	20 7	21 7		n.a.
F 25	12 11	20 14	3 18	0 56	3 7	12 52	0 28	17 49	0 29	6 19	1 39	4 56	2 16	12 27	0 25	13 5	1 19	29 4	5 51	19 50	20 7	21 7		n.a.
S 26	12 31	17 54	4 13	1 3	3 12	13 18	0 25	18 1	0 29	6 20	1 39	4 54	2 16	12 26	0 25	13 5	1 19	29 4	5 51	19 51	20 6	21 6		n.a.
S 27	12 51	14 31	4 51	1 12	3 16	13 45	0 23	18 12	0 30	6 22	1 38	4 51	2 16	12 25	0 25	13 6	1 19	29 4	5 51	19 51	20 5	21 5		n.a.
M28	13 11	10 24	5 11	1 23	3 19	14 11	0 21	18 24	0 30	6 23	1 38	4 49	2 16	12 24	0 25	13 6	1 19	29 4	5 51	19 51	20 5	21 5		n.a.
T 29	13 30	5 48	5 14	1 37	3 22	14 37	0 18	18 35	0 31	6 24	1 38	4 46	2 16	12 23	0 25	13 6	1 19	29 4	5 51	19 50	20 4	21 4		n.a.
W30	13n49	1n 0	4s59	1n53	3s23	15n 3	0s16	18n46	0n31	6n25	1n38	4s44	2s17	12s22	0n25	13n 6	1n19	29n 4	5n51	19s50	20s 3	21s 3		n.a.

Julian Day Number = 1708364.5, Delta T = 03h02m00s
Ecliptic obliquity = 23°41'54, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°33'23, Lahiri = - 4°26'23 Julian Calendar 1 Apr. 36 BCE == Greg. Calendar 30 March 036 BCE

The year -35 astronomical counting style corresponds to year 036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 36 BCE
geocentric

MAY 36 BCE (-35) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 25 32	7♉25'14	29♍10	13♈17	12♉16	21♉55	17°R38	23♓30	3°R17	29°R13	11♋ 6	27°R31	28♏30	29♐32	n.a.	T 1
F 2	14 29 29	8°22'36	12♎ 8	14° 8	13°29	22°35	17♍35	23°36	3♏15	29♌12	11° 7	27♏28	28°27	29°38	n.a.	F 2
S 3	14 33 25	9°19'57	24°52	15° 3	14°43	23°15	17°33	23°42	3°13	29°12	11° 8	27°26	28°23	29°45	n.a.	S 3
S 4	14 37 22	10°17'16	7♏22	16° 2	15°57	23°54	17°30	23°49	3°10	29°12	11° 9	27°24	28°20	29°52	n.a.	S 4
M 5	14 41 19	11°14'35	19°41	17° 3	17°10	24°34	17°28	23°55	3° 8	29°11	11°10	27°23	28°17	29°58	n.a.	M 5
T 6	14 45 15	12°11'53	1♐49	18° 8	18°24	25°14	17°26	24° 1	3° 5	29°11	11°11	27°D23	28°14	0♑ 5	n.a.	T 6
W 7	14 49 12	13° 9'11	13°48	19°16	19°38	25°54	17°24	24° 7	3° 3	29°11	11°12	27°23	28°11	0°12	n.a.	W 7
T 8	14 53 8	14° 6'27	25°40	20°27	20°51	26°34	17°22	24°12	3° 0	29°11	11°13	27°24	28° 8	0°18	n.a.	T 8
F 9	14 57 5	15° 3'43	7♑30	21°42	22° 5	27°13	17°21	24°18	2°58	29°11	11°14	27°26	28° 4	0°25	n.a.	F 9
S 10	15 1 1	16° 0'58	19°20	22°59	23°19	27°53	17°19	24°24	2°55	29°10	11°15	27°27	28° 1	0°32	n.a.	S 10
S 11	15 4 58	16°58'13	1♒15	24°19	24°32	28°33	17°18	24°30	2°53	29°10	11°16	27°27	27°58	0°38	n.a.	S 11
M12	15 8 54	17°55'27	13°19	25°43	25°46	29°13	17°17	24°35	2°51	29°10	11°17	27°R28	27°55	0°45	n.a.	M12
T 13	15 12 51	18°52'41	25°38	27° 9	26°59	29°52	17°16	24°41	2°48	29°D10	11°18	27°28	27°52	0°52	n.a.	T 13
W14	15 16 48	19°49'54	8♓14	28°38	28°13	0♊32	17°16	24°46	2°46	29°10	11°20	27°27	27°49	0°58	n.a.	W14
T 15	15 20 44	20°47'07	21°12	0♉10	29°27	1°11	17°15	24°52	2°44	29°10	11°21	27°27	27°45	1° 5	n.a.	T 15
F 16	15 24 41	21°44'20	4♈34	1°45	0♊40	1°51	17°15	24°57	2°41	29°10	11°22	27°26	27°42	1°12	n.a.	F 16
S 17	15 28 37	22°41'32	18°22	3°23	1°54	2°30	17°D15	25° 2	2°39	29°11	11°23	27°26	27°39	1°18	n.a.	S 17
S 18	15 32 34	23°38'44	2♉35	5° 3	3° 8	3°10	17°15	25° 7	2°37	29°11	11°24	27°25	27°36	1°25	n.a.	S 18
M19	15 36 30	24°35'56	17° 8	6°47	4°21	3°49	17°15	25°13	2°34	29°11	11°26	27°25	27°33	1°32	n.a.	M19
T 20	15 40 27	25°33'07	1♊56	8°33	5°35	4°29	17°16	25°18	2°32	29°11	11°27	27°D25	27°29	1°38	n.a.	T 20
W21	15 44 23	26°30'18	16°52	10°21	6°48	5° 8	17°16	25°23	2°30	29°11	11°28	27°25	27°26	1°45	n.a.	W21
T 22	15 48 20	27°27'28	1♋48	12°13	8° 2	5°48	17°17	25°28	2°28	29°12	11°30	27°R25	27°23	1°52	n.a.	T 22
F 23	15 52 17	28°24'37	16°37	14° 7	9°16	6°27	17°18	25°32	2°26	29°12	11°31	27°25	27°20	1°58	n.a.	F 23
S 24	15 56 13	29°21'46	1♌11	16° 3	10°29	7° 6	17°19	25°37	2°23	29°12	11°32	27°25	27°17	2° 5	n.a.	S 24
S 25	16 0 10	0♊18'55	15°27	18° 2	11°43	7°46	17°21	25°42	2°21	29°13	11°34	27°25	27°14	2°12	n.a.	S 25
M26	16 4 6	1°16'03	29°22	20° 3	12°56	8°25	17°22	25°47	2°19	29°13	11°35	27°D25	27°10	2°18	n.a.	M26
T 27	16 8 3	2°13'10	12♍56	22° 6	14°10	9° 4	17°24	25°51	2°17	29°13	11°37	27°25	27° 7	2°25	n.a.	T 27
W28	16 11 59	3°10'17	26°10	24°10	15°23	9°43	17°26	25°55	2°15	29°14	11°38	27°25	27° 4	2°32	n.a.	W28
T 29	16 15 56	4° 7'23	9♎ 6	26°17	16°37	10°22	17°28	26° 0	2°13	29°14	11°39	27°25	27° 1	2°38	n.a.	T 29
F 30	16 19 52	5° 4'29	21°46	28°24	17°50	11° 2	17°30	26° 4	2°11	29°15	11°41	27°26	26°58	2°45	n.a.	F 30
S 31	16 23 49	6♊ 1'34	4♏11	0♊33	19♊ 4	11♊41	17♍32	26♓ 8	2♏ 9	29♌15	11♋42	27♏27	26♏54	2♑52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	14n 8	3s46	4s28	2n11	3s24	15n28	0s14	18n57	0n32	6n26	1n37	4s42	2s17	12s21	0n25	13n 6	1n19	29n 3	5n51	19s49	20s 2	21s 2			n.a.
F 2	14 27	8 17	3 44	2 31	3 24	15 53	0 11	19 8	0 32	6 27	1 37	4 39	2 17	12 21	0 25	13 6	1 19	29 3	5 51	19 48	20 2	21 2			n.a.
S 3	14 45	12 22	2 50	2 53	3 23	16 17	0 9	19 19	0 33	6 27	1 37	4 37	2 17	12 20	0 25	13 6	1 19	29 3	5 51	19 48	20 1	21 1			n.a.
S 4	15 4	15 50	1 48	3 17	3 21	16 41	0 7	19 30	0 33	6 28	1 36	4 35	2 17	12 19	0 25	13 6	1 19	29 3	5 51	19 47	20 0	21 0			n.a.
M 5	15 22	18 32	0 42	3 43	3 19	17 4	0 4	19 40	0 34	6 29	1 36	4 33	2 17	12 18	0 25	13 6	1 19	29 3	5 51	19 47	20 0	20 59			n.a.
T 6	15 40	20 21	0n25	4 11	3 15	17 28	0 2	19 50	0 34	6 29	1 36	4 30	2 18	12 17	0 25	13 7	1 19	29 3	5 51	19 47	19 59	20 59			n.a.
W 7	15 57	21 13	1 30	4 40	3 12	17 50	0n 0	20 0	0 35	6 30	1 36	4 28	2 18	12 16	0 25	13 7	1 19	29 2	5 51	19 47	19 58	20 58			n.a.
T 8	16 15	21 7	2 30	5 11	3 7	18 12	0 3	20 10	0 35	6 30	1 35	4 26	2 18	12 16	0 25	13 7	1 19	29 2	5 50	19 48	19 57	20 57			n.a.
F 9	16 32	20 5	3 24	5 44	3 2	18 34	0 5	20 20	0 36	6 31	1 35	4 24	2 18	12 15	0 25	13 7	1 19	29 2	5 50	19 48	19 57	20 56			n.a.
S 10	16 49	18 10	4 10	6 18	2 56	18 55	0 8	20 30	0 36	6 31	1 35	4 22	2 18	12 14	0 25	13 7	1 19	29 2	5 50	19 48	19 56	20 56			n.a.
S 11	17 5	15 28	4 45	6 54	2 50	19 16	0 10	20 39	0 37	6 31	1 35	4 20	2 19	12 13	0 25	13 7	1 19	29 2	5 50	19 48	19 55	20 55			n.a.
M12	17 21	12 5	5 8	7 31	2 43	19 36	0 12	20 48	0 37	6 31	1 34	4 18	2 19	12 12	0 25	13 7	1 19	29 2	5 50	19 48	19 55	20 54			n.a.
T 13	17 37	8 8	5 17	8 9	2 35	19 56	0 15	20 57	0 38	6 31	1 34	4 16	2 19	12 12	0 25	13 7	1 18	29 1	5 50	19 48	19 54	20 53			n.a.
W14	17 53	3 45	5 12	8 49	2 27	20 15	0 17	21 6	0 38	6 31	1 34	4 14	2 19	12 11	0 25	13 7	1 18	29 1	5 50	19 48	19 53	20 52			n.a.
T 15	18 9	0n55	4 51	9 29	2 19	20 34	0 20	21 15	0 39	6 31	1 33	4 12	2 20	12 10	0 25	13 7	1 18	29 1	5 50	19 48	19 52	20 52			n.a.
F 16	18 24	5 42	4 13	10 11	2 10	20 52	0 22	21 24	0 39	6 31	1 33	4 10	2 20	12 9	0 25	13 6	1 18	29 1	5 50	19 48	19 52	20 51			n.a.
S 17	18 39	10 21	3 20	10 53	2 1	21 10	0 24	21 32	0 40	6 31	1 33	4 8	2 20	12 8	0 24	13 6	1 18	29 1	5 50	19 48	19 51	20 50			n.a.
S 18	18 53	14 35	2 14	11 36	1 51	21 27	0 27	21 40	0 40	6 31	1 33	4 6	2 20	12 8	0 24	13 6	1 18	29 1	5 50	19 48	19 50	20 49			n.a.
M19	19 7	18 2	0 57	12 20	1 41	21 43	0 29	21 48	0 40	6 30	1 32	4 4	2 20	12 7	0 24	13 6	1 18	29 1	5 50	19 48	19 49	20 48			n.a.
T 20	19 21	20 22	0s25	13 5	1 30	21 59	0 31	21 56	0 41	6 30	1 32	4 2	2 21	12 6	0 24	13 6	1 18	29 0	5 50	19 48	19 49	20 48			n.a.
W21	19 35	21 17	1 46	13 50	1 20	22 14	0 33	22 4	0 41	6 29	1 32	4 0	2 21	12 5	0 24	13 6	1 18	29 0	5 50	19 48	19 48	20 47			n.a.
T 22	19 48	20 41	3 0	14 35	1 9	22 28	0 36	22 11	0 42	6 29	1 32	3 59	2 21	12 5	0 24	13 6	1 18	29 0	5 50	19 48	19 47	20 46			n.a.
F 23	20 1	18 40	4 1	15 20	0 58	22 42	0 38	22 19	0 42	6 28	1 31	3 57	2 21	12 4	0 24	13 6	1 18	29 0	5 50	19 48	19 47	20 45			n.a.
S 24	20 14	15 29	4 45	16 5	0 46	22 55	0 40	22 26	0 43	6 27	1 31	3 55	2 22	12 3	0 24	13 6	1 18	29 0	5 50	19 48	19 46	20 44			n.a.
S 25	20 26	11 26	5 11	16 50	0 35	23 8	0 42	22 33	0 43	6 26	1 31	3 54	2 22	12 2	0 24	13 5	1 18	29 0	5 50	19 48	19 45	20 44			n.a.
M26	20 38	6 52	5 17	17 34	0 24	23 20	0 45	22 40	0 44	6 26	1 30	3 52	2 22	12 2	0 24	13 5	1 18	28 59	5 50	19 48	19 44	20 43			n.a.
T 27	20 50	2 4	5 6	18 17	0 13	23 31	0 47	22 46	0 44	6 25	1 30	3 50	2 22	12 1	0 24	13 5	1 18	28 59	5 50	19 48	19 44	20 42			n.a.
W28	21 1	2s43	4 39	19 0	0 1	23 42	0 49	22 53	0 44	6 24	1 30	3 49	2 23	12 0	0 24	13 5	1 18	28 59	5 50	19 48	19 43	20 41			n.a.
T 29	21 12	7 16	3 57	19 41	0n 9	23 52	0 51	22 59	0 45	6 23	1 30	3 47	2 23	12 0	0 24	13 5	1 18	28 59	5 50	19 48	19 42	20 40			n.a.
F 30	21 23	11 26	3 5	20 21	0 20	24 1	0 53	23 5	0 45	6 21	1 29	3 46	2 23	11 59	0 24	13 4	1 18	28 59	5 50	19 48	19 41	20 39			n.a.
S 31	21n33	15s 1	2s 6	20n59	0n30	24n 9	0n55	23n11	0n46	6n20	1n29	3s44	2s23	11s58	0n24	13n 4	1n18	28n59	5n50	19s48	19s41	20s38			n.a.

Julian Day Number = 1708394.5, Delta T = 03h01m59s
Ecliptic obliquity = 23°41'53, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°33'19, Lahiri = - 4°26'19 Julian Calendar 1 May 36 BCE == Greg. Calendar 29 Apr. 036 BCE

The year -35 astronomical counting style corresponds to year 036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 36 BCE
geocentric

JUNE 36 BCE (-35) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 27 46	6♊58'40	16♏26	2♊43	20♊18	12♊20	17♍35	26♓12	2°R 7	29♌16	11♋44	27♏27	26♏51	2♉58	n.a.	S 1
M 2	16 31 42	7°55'45	28°31	4°53	21°31	12°59	17°38	26°17	2♏ 6	29°17	11°45	27°R28	26°48	3° 5	n.a.	M 2
T 3	16 35 39	8°52'50	10♐29	7° 4	22°45	13°38	17°41	26°20	2° 4	29°17	11°47	27°27	26°45	3°12	n.a.	T 3
W 4	16 39 35	9°49'56	22°22	9°14	23°58	14°17	17°44	26°24	2° 2	29°18	11°48	27°26	26°42	3°18	n.a.	W 4
T 5	16 43 32	10°47'01	4♉13	11°24	25°12	14°56	17°47	26°28	2° 0	29°19	11°50	27°25	26°39	3°25	n.a.	T 5
F 6	16 47 28	11°44'07	16° 2	13°34	26°25	15°35	17°50	26°32	1°58	29°19	11°52	27°23	26°35	3°32	n.a.	F 6
S 7	16 51 25	12°41'13	27°54	15°42	27°39	16°14	17°54	26°35	1°57	29°20	11°53	27°21	26°32	3°38	n.a.	S 7
S 8	16 55 22	13°38'19	9♒50	17°50	28°52	16°53	17°58	26°39	1°55	29°21	11°55	27°19	26°29	3°45	n.a.	S 8
M 9	16 59 18	14°35'26	21°55	19°57	0♋ 6	17°32	18° 2	26°42	1°53	29°22	11°56	27°17	26°26	3°52	n.a.	M 9
T 10	17 3 15	15°32'33	4♓13	22° 2	1°19	18°11	18° 6	26°46	1°52	29°23	11°58	27°16	26°23	3°58	n.a.	T 10
W11	17 7 11	16°29'41	16°46	24° 6	2°33	18°50	18°10	26°49	1°50	29°24	12° 0	27°D15	26°20	4° 5	n.a.	W11
T 12	17 11 8	17°26'49	29°40	26° 9	3°46	19°29	18°14	26°52	1°49	29°25	12° 1	27°16	26°16	4°12	n.a.	T 12
F 13	17 15 4	18°23'58	12♈57	28° 9	5° 0	20° 7	18°19	26°55	1°47	29°26	12° 3	27°17	26°13	4°18	n.a.	F 13
S 14	17 19 1	19°21'07	26°40	0♋ 9	6°13	20°46	18°23	26°58	1°46	29°27	12° 4	27°18	26°10	4°25	n.a.	S 14
S 15	17 22 57	20°18'17	10♉49	2° 6	7°27	21°25	18°28	27° 1	1°45	29°28	12° 6	27°19	26° 7	4°32	n.a.	S 15
M16	17 26 54	21°15'28	25°24	4° 2	8°40	22° 4	18°33	27° 4	1°43	29°29	12° 8	27°R20	26° 4	4°39	n.a.	M16
T 17	17 30 51	22°12'39	10♊19	5°55	9°53	22°43	18°38	27° 7	1°42	29°30	12° 9	27°19	26° 0	4°45	n.a.	T 17
W18	17 34 47	23° 9'52	25°27	7°47	11° 7	23°22	18°44	27° 9	1°41	29°31	12°11	27°18	25°57	4°52	n.a.	W18
T 19	17 38 44	24° 7'04	10♋39	9°38	12°20	24° 0	18°49	27°12	1°40	29°32	12°13	27°15	25°54	4°59	n.a.	T 19
F 20	17 42 40	25° 4'17	25°45	11°26	13°34	24°39	18°55	27°14	1°38	29°33	12°15	27°11	25°51	5° 5	n.a.	F 20
S 21	17 46 37	26° 1'31	10♌37	13°13	14°47	25°18	19° 1	27°16	1°37	29°34	12°16	27° 8	25°48	5°12	n.a.	S 21
S 22	17 50 33	26°58'44	25° 6	14°57	16° 1	25°56	19° 6	27°19	1°36	29°36	12°18	27° 4	25°45	5°19	n.a.	S 22
M23	17 54 30	27°55'59	9♍10	16°40	17°14	26°35	19°13	27°21	1°35	29°37	12°20	27° 2	25°41	5°25	n.a.	M23
T 24	17 58 26	28°53'13	22°47	18°21	18°28	27°14	19°19	27°23	1°34	29°38	12°21	27°D 0	25°38	5°32	n.a.	T 24
W25	18 2 23	29°50'28	5♎59	20° 1	19°41	27°52	19°25	27°25	1°33	29°39	12°23	27° 0	25°35	5°39	n.a.	W25
T 26	18 6 20	0♋47'43	18°47	21°38	20°54	28°31	19°32	27°26	1°32	29°41	12°25	27° 1	25°32	5°45	n.a.	T 26
F 27	18 10 16	1°44'59	1♏17	23°14	22° 8	29° 9	19°38	27°28	1°32	29°42	12°27	27° 3	25°29	5°52	n.a.	F 27
S 28	18 14 13	2°42'16	13°31	24°48	23°21	29°48	19°45	27°30	1°31	29°43	12°28	27° 4	25°26	5°59	n.a.	S 28
S 29	18 18 9	3°39'33	25°35	26°20	24°35	0♋27	19°52	27°31	1°30	29°45	12°30	27°R 5	25°22	6° 5	n.a.	S 29
M30	18 22 6	4♋36'51	7♐31	27♋50	25♋48	1♋ 5	19♍59	27♓33	1♏29	29♌46	12♋32	27♏ 5	25♏19	6♉12	n.a.	M30

Day	☉		☽			☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl		decl		lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n43		17s54		1s 1	21n35	0n40	24n17	0n57	23n17	0n46	6n19	1n29	3s43	2s24	11s58	0n24	13n 4	1n18	28n58	5n50	19s48	19s40	20s38		n.a.
M 2	21 52		19 57		0n 6	22 9	0 50	24 24	0 59	23 22	0 46	6 18	1 28	3 41	2 24	11 57	0 24	13 4	1 18	28 58	5 49	19 48	19 39	20 37		n.a.
T 3	22 1		21 5		1 12	22 41	0 59	24 31	1 1	23 27	0 47	6 16	1 28	3 40	2 24	11 56	0 24	13 3	1 18	28 58	5 49	19 48	19 38	20 36		n.a.
W 4	22 10		21 15		2 14	23 11	1 7	24 36	1 3	23 33	0 47	6 15	1 28	3 39	2 24	11 56	0 24	13 3	1 18	28 58	5 49	19 48	19 38	20 35		n.a.
T 5	22 18		20 28		3 10	23 37	1 15	24 41	1 5	23 38	0 48	6 13	1 28	3 38	2 25	11 55	0 24	13 3	1 18	28 58	5 49	19 48	19 37	20 34		n.a.
F 6	22 26		18 48		3 58	24 1	1 22	24 45	1 6	23 42	0 48	6 12	1 27	3 36	2 25	11 55	0 24	13 3	1 18	28 58	5 49	19 47	19 36	20 33		n.a.
S 7	22 34		16 19		4 35	24 23	1 28	24 49	1 8	23 47	0 48	6 10	1 27	3 35	2 25	11 54	0 24	13 2	1 18	28 58	5 49	19 47	19 35	20 32		n.a.
S 8	22 41		13 8		5 1	24 41	1 34	24 51	1 10	23 51	0 49	6 8	1 27	3 34	2 25	11 54	0 24	13 2	1 18	28 57	5 49	19 46	19 35	20 31		n.a.
M 9	22 48		9 24		5 14	24 57	1 39	24 53	1 11	23 55	0 49	6 6	1 26	3 33	2 26	11 53	0 24	13 2	1 18	28 57	5 49	19 46	19 34	20 31		n.a.
T 10	22 54		5 12		5 13	25 10	1 43	24 54	1 13	23 59	0 50	6 5	1 26	3 32	2 26	11 53	0 24	13 1	1 18	28 57	5 49	19 46	19 33	20 30		n.a.
W11	23 0		0 43		4 58	25 20	1 46	24 55	1 15	24 3	0 50	6 3	1 26	3 31	2 26	11 52	0 24	13 1	1 18	28 57	5 49	19 45	19 32	20 29		n.a.
T 12	23 6		3n56		4 27	25 28	1 49	24 55	1 16	24 7	0 50	6 1	1 26	3 30	2 26	11 51	0 24	13 1	1 17	28 57	5 49	19 46	19 32	20 28		n.a.
F 13	23 11		8 33		3 41	25 32	1 51	24 54	1 17	24 10	0 51	5 59	1 25	3 29	2 27	11 51	0 24	13 0	1 17	28 57	5 49	19 46	19 31	20 27		n.a.
S 14	23 16		12 53		2 41	25 35	1 53	24 52	1 19	24 13	0 51	5 57	1 25	3 28	2 27	11 51	0 24	13 0	1 17	28 56	5 49	19 46	19 30	20 26		n.a.
S 15	23 20		16 39		1 30	25 34	1 53	24 49	1 20	24 16	0 52	5 54	1 25	3 27	2 27	11 50	0 24	12 59	1 17	28 56	5 49	19 46	19 29	20 25		n.a.
M16	23 24		19 29		0 11	25 32	1 54	24 46	1 21	24 19	0 52	5 52	1 25	3 26	2 28	11 50	0 24	12 59	1 17	28 56	5 49	19 46	19 29	20 24		n.a.
T 17	23 28		21 4		1s11	25 27	1 53	24 42	1 23	24 22	0 52	5 50	1 24	3 25	2 28	11 49	0 24	12 59	1 17	28 56	5 50	19 46	19 28	20 23		n.a.
W18	23 31		21 9		2 29	25 20	1 52	24 37	1 24	24 24	0 53	5 48	1 24	3 24	2 28	11 49	0 24	12 58	1 17	28 56	5 50	19 46	19 27	20 22		n.a.
T 19	23 34		19 41		3 36	25 10	1 50	24 32	1 25	24 27	0 53	5 45	1 24	3 24	2 28	11 48	0 24	12 58	1 17	28 56	5 50	19 45	19 26	20 21		n.a.
F 20	23 36		16 50		4 28	24 59	1 48	24 25	1 26	24 29	0 53	5 43	1 24	3 23	2 29	11 48	0 24	12 57	1 17	28 56	5 50	19 45	19 26	20 20		n.a.
S 21	23 38		12 57		5 0	24 46	1 45	24 18	1 27	24 30	0 54	5 40	1 23	3 22	2 29	11 48	0 24	12 57	1 17	28 55	5 50	19 44	19 25	20 20		n.a.
S 22	23 40		8 23		5 13	24 32	1 41	24 11	1 28	24 32	0 54	5 38	1 23	3 22	2 29	11 47	0 24	12 56	1 17	28 55	5 50	19 43	19 24	20 19		n.a.
M23	23 41		3 29		5 6	24 15	1 37	24 2	1 29	24 34	0 54	5 35	1 23	3 21	2 30	11 47	0 24	12 56	1 17	28 55	5 50	19 42	19 23	20 18		n.a.
T 24	23 42		1s25		4 42	23 58	1 33	23 53	1 30	24 35	0 55	5 32	1 23	3 20	2 30	11 47	0 24	12 55	1 17	28 55	5 50	19 42	19 23	20 17		n.a.
W25	23 42		6 7		4 4	23 38	1 28	23 43	1 30	24 36	0 55	5 30	1 22	3 20	2 30	11 46	0 24	12 55	1 17	28 55	5 50	19 42	19 22	20 16		n.a.
T 26	23 42		10 25		3 14	23 18	1 23	23 33	1 31	24 37	0 55	5 27	1 22	3 20	2 30	11 46	0 24	12 54	1 17	28 55	5 50	19 42	19 21	20 15		n.a.
F 27	23 41		14 10		2 16	22 56	1 17	23 22	1 32	24 37	0 56	5 24	1 22	3 19	2 31	11 46	0 24	12 54	1 17	28 55	5 50	19 43	19 20	20 14		n.a.
S 28	23 40		17 14		1 13	22 33	1 11	23 10	1 32	24 38	0 56	5 21	1 22	3 19	2 31	11 46	0 24	12 53	1 17	28 55	5 50	19 43	19 20	20 13		n.a.
S 29	23 39		19 30		0 8	22 10	1 4	22 57	1 33	24 38	0 56	5 18	1 21	3 18	2 31	11 45	0 23	12 53	1 17	28 54	5 50	19 43	19 19	20 12		n.a.
M30	23n37		20s52		0n57	21n45	0n57	22n44	1n33	24n38	0n57	5n15	1n21	3s18	2s32	11s45	0n23	12n52	1n17	28n54	5n50	19s43	19s18	20s11		n.a.

Julian Day Number = 1708425.5, Delta T = 03h01m59s
Ecliptic obliquity = 23°41'52, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°33'15, Lahiri = - 4°26'14 Julian Calendar 1 June 36 BCE == Greg. Calendar 30 May 036 BCE

The year -35 astronomical counting style corresponds to year 036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 36 BCE
geocentric

JULY 36 BCE (-35) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 26 2	5♋34'10	19♐22	29♋18	27♋ 1	1♋44	20♍ 6	27♓34	1°R29	29♏48	12♋34	27°R 2	25♏16	6♑19	n.a.	T 1
W 2	18 29 59	6°31'30	1♑12	0♏45	28°15	2°22	20°13	27°35	1♏28	29°49	12°35	26♏58	25°13	6°25	n.a.	W 2
T 3	18 33 56	7°28'50	13° 2	2°10	29°28	3° 1	20°21	27°36	1°28	29°51	12°37	26°52	25°10	6°32	n.a.	T 3
F 4	18 37 52	8°26'12	24°54	3°32	0♏41	3°39	20°28	27°37	1°27	29°52	12°39	26°45	25° 6	6°39	n.a.	F 4
S 5	18 41 49	9°23'35	6♒50	4°53	1°55	4°18	20°36	27°38	1°27	29°54	12°41	26°37	25° 3	6°45	n.a.	S 5
S 6	18 45 45	10°20'59	18°52	6°12	3° 8	4°56	20°43	27°39	1°26	29°55	12°42	26°30	25° 0	6°52	n.a.	S 6
M 7	18 49 42	11°18'24	1♓ 2	7°29	4°21	5°34	20°51	27°39	1°26	29°57	12°44	26°23	24°57	6°59	n.a.	M 7
T 8	18 53 38	12°15'50	13°23	8°43	5°34	6°13	20°59	27°40	1°26	29°58	12°46	26°17	24°54	7° 5	n.a.	T 8
W 9	18 57 35	13°13'18	25°57	9°56	6°48	6°51	21° 8	27°40	1°25	0♍ 0	12°48	26°14	24°51	7°12	n.a.	W 9
T 10	19 1 31	14°10'47	8♈48	11° 6	8° 1	7°30	21°16	27°41	1°25	0° 2	12°50	26°D12	24°47	7°19	n.a.	T 10
F 11	19 5 28	15° 8'18	21°59	12°14	9°14	8° 8	21°24	27°41	1°25	0° 3	12°51	26°12	24°44	7°26	n.a.	F 11
S 12	19 9 24	16° 5'50	5♉33	13°20	10°27	8°46	21°33	27°41	1°25	0° 5	12°53	26°13	24°41	7°32	n.a.	S 12
S 13	19 13 21	17° 3'24	19°32	14°23	11°41	9°25	21°41	27°R41	1°D25	0° 7	12°55	26°R14	24°38	7°39	n.a.	S 13
M14	19 17 18	18° 1'00	3♊57	15°24	12°54	10° 3	21°50	27°41	1°25	0° 9	12°57	26°14	24°35	7°46	n.a.	M14
T 15	19 21 14	18°58'37	18°44	16°22	14° 7	10°42	21°59	27°41	1°25	0°10	12°58	26°12	24°32	7°52	n.a.	T 15
W16	19 25 11	19°56'16	3♋49	17°17	15°20	11°20	22° 8	27°41	1°25	0°12	13° 0	26° 8	24°28	7°59	n.a.	W16
T 17	19 29 7	20°53'56	19° 3	18° 9	16°33	11°58	22°17	27°40	1°25	0°14	13° 2	26° 2	24°25	8° 6	n.a.	T 17
F 18	19 33 4	21°51'37	4♌15	18°57	17°47	12°36	22°26	27°40	1°26	0°16	13° 4	25°54	24°22	8°12	n.a.	F 18
S 19	19 37 0	22°49'20	19°16	19°43	19° 0	13°15	22°35	27°39	1°26	0°18	13° 5	25°46	24°19	8°19	n.a.	S 19
S 20	19 40 57	23°47'04	3♍55	20°25	20°13	13°53	22°45	27°38	1°26	0°20	13° 7	25°37	24°16	8°26	n.a.	S 20
M21	19 44 54	24°44'50	18° 8	21° 3	21°26	14°31	22°54	27°38	1°27	0°21	13° 9	25°31	24°12	8°32	n.a.	M21
T 22	19 48 50	25°42'36	1♎52	21°37	22°39	15°10	23° 4	27°37	1°27	0°23	13°11	25°26	24° 9	8°39	n.a.	T 22
W23	19 52 47	26°40'24	15° 6	22° 7	23°52	15°48	23°13	27°36	1°27	0°25	13°12	25°24	24° 6	8°46	n.a.	W23
T 24	19 56 43	27°38'13	27°55	22°33	25° 5	16°26	23°23	27°35	1°28	0°27	13°14	25°D23	24° 3	8°52	n.a.	T 24
F 25	20 0 40	28°36'03	10♏22	22°54	26°18	17° 4	23°33	27°33	1°29	0°29	13°16	25°23	24° 0	8°59	n.a.	F 25
S 26	20 4 36	29°33'55	22°32	23°10	27°31	17°42	23°43	27°32	1°29	0°31	13°18	25°R24	23°57	9° 6	n.a.	S 26
S 27	20 8 33	0♌31'48	4♐31	23°21	28°44	18°21	23°53	27°31	1°30	0°33	13°19	25°24	23°53	9°12	n.a.	S 27
M28	20 12 29	1°29'43	16°23	23°R26	29°57	18°59	24° 3	27°29	1°31	0°35	13°21	25°21	23°50	9°19	n.a.	M28
T 29	20 16 26	2°27'39	28°11	23°26	1♍10	19°37	24°13	27°27	1°32	0°37	13°23	25°17	23°47	9°26	n.a.	T 29
W30	20 20 23	3°25'37	10♑ 1	23°20	2°23	20°15	24°23	27°26	1°32	0°39	13°24	25°10	23°44	9°33	n.a.	W30
T 31	20 24 19	4♌23'36	21♑53	23♌ 8	3♍36	20♋53	24♍34	27♓24	1♏33	0♍41	13♋26	25♏ 0	23♏41	9♑39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n35	21s18	1n58	21n19	0n50	22n30	1n33	24n38	0n57	5n12	1n21	3s18	2s32	11s45	0n23	12n52	1n17	28n54	5n50	19s42	19s17	20s10			n.a.
W 2	23 32	20 47	2 55	20 53	0 42	22 16	1 34	24 38	0 57	5 9	1 21	3 18	2 32	11 45	0 23	12 51	1 17	28 54	5 50	19 41	19 16	20 9			n.a.
T 3	23 29	19 21	3 44	20 26	0 34	22 1	1 34	24 38	0 58	5 6	1 20	3 17	2 33	11 45	0 23	12 51	1 17	28 54	5 50	19 40	19 16	20 8			n.a.
F 4	23 26	17 4	4 23	19 59	0 25	21 45	1 34	24 37	0 58	5 2	1 20	3 17	2 33	11 44	0 23	12 50	1 17	28 54	5 50	19 38	19 15	20 7			n.a.
S 5	23 22	14 5	4 51	19 31	0 16	21 28	1 34	24 36	0 58	4 59	1 20	3 17	2 33	11 44	0 23	12 50	1 17	28 54	5 50	19 37	19 14	20 6			n.a.
S 6	23 17	10 29	5 6	19 3	0 7	21 11	1 34	24 35	0 59	4 56	1 20	3 17	2 33	11 44	0 23	12 49	1 17	28 54	5 50	19 35	19 13	20 5			n.a.
M 7	23 13	6 26	5 7	18 34	0s 2	20 54	1 34	24 34	0 59	4 53	1 19	3 17	2 34	11 44	0 23	12 48	1 17	28 53	5 50	19 33	19 13	20 4			n.a.
T 8	23 8	2 4	4 55	18 5	0 11	20 36	1 34	24 32	0 59	4 49	1 19	3 17	2 34	11 44	0 23	12 48	1 17	28 53	5 50	19 32	19 12	20 3			n.a.
W 9	23 2	2n28	4 28	17 36	0 21	20 17	1 33	24 31	1 0	4 46	1 19	3 17	2 34	11 44	0 23	12 47	1 17	28 53	5 50	19 31	19 11	20 2			n.a.
T 10	22 56	7 0	3 48	17 8	0 31	19 57	1 33	24 29	1 0	4 42	1 19	3 18	2 35	11 44	0 23	12 47	1 17	28 53	5 51	19 31	19 10	20 1			n.a.
F 11	22 50	11 20	2 54	16 39	0 42	19 37	1 33	24 27	1 0	4 39	1 19	3 18	2 35	11 44	0 23	12 46	1 17	28 53	5 51	19 31	19 9	20 0			n.a.
S 12	22 43	15 14	1 49	16 10	0 52	19 17	1 32	24 25	1 1	4 35	1 18	3 18	2 35	11 44	0 23	12 45	1 17	28 53	5 51	19 31	19 9	19 59			n.a.
S 13	22 36	18 23	0 36	15 42	1 3	18 56	1 32	24 22	1 1	4 32	1 18	3 18	2 35	11 44	0 23	12 45	1 17	28 53	5 51	19 31	19 8	19 58			n.a.
M14	22 28	20 29	0s41	15 13	1 14	18 35	1 31	24 20	1 1	4 28	1 18	3 18	2 36	11 44	0 23	12 44	1 17	28 53	5 51	19 31	19 7	19 57			n.a.
T 15	22 20	21 15	1 58	14 46	1 24	18 13	1 30	24 17	1 2	4 24	1 18	3 19	2 36	11 44	0 23	12 43	1 17	28 53	5 51	19 31	19 6	19 56			n.a.
W16	22 12	20 31	3 8	14 19	1 35	17 50	1 30	24 14	1 2	4 20	1 18	3 19	2 36	11 44	0 23	12 43	1 17	28 53	5 51	19 30	19 6	19 55			n.a.
T 17	22 3	18 17	4 5	13 52	1 47	17 27	1 29	24 11	1 2	4 17	1 17	3 20	2 37	11 44	0 23	12 42	1 17	28 52	5 51	19 28	19 5	19 54			n.a.
F 18	21 54	14 48	4 44	13 26	1 58	17 4	1 28	24 8	1 2	4 13	1 17	3 20	2 37	11 44	0 23	12 41	1 17	28 52	5 51	19 26	19 4	19 53			n.a.
S 19	21 45	10 24	5 3	13 1	2 9	16 40	1 27	24 4	1 3	4 9	1 17	3 21	2 37	11 44	0 23	12 41	1 17	28 52	5 51	19 24	19 3	19 52			n.a.
S 20	21 35	5 29	5 2	12 37	2 20	16 15	1 26	24 1	1 3	4 5	1 17	3 21	2 38	11 45	0 23	12 40	1 17	28 52	5 51	19 22	19 2	19 51			n.a.
M21	21 24	0 25	4 42	12 15	2 31	15 51	1 25	23 57	1 3	4 1	1 17	3 22	2 38	11 45	0 23	12 39	1 17	28 52	5 52	19 21	19 2	19 50			n.a.
T 22	21 14	4s30	4 6	11 53	2 42	15 26	1 23	23 53	1 4	3 57	1 16	3 22	2 38	11 45	0 23	12 39	1 17	28 52	5 52	19 20	19 1	19 49			n.a.
W23	21 3	9 3	3 18	11 33	2 53	15 0	1 22	23 48	1 4	3 53	1 16	3 23	2 38	11 45	0 23	12 38	1 16	28 52	5 52	19 19	19 0	19 47			n.a.
T 24	20 51	13 3	2 21	11 15	3 4	14 34	1 21	23 44	1 4	3 49	1 16	3 24	2 39	11 45	0 23	12 37	1 16	28 52	5 52	19 19	18 59	19 46			n.a.
F 25	20 40	16 21	1 20	10 58	3 15	14 8	1 19	23 40	1 4	3 45	1 16	3 24	2 39	11 46	0 23	12 37	1 16	28 52	5 52	19 19	18 58	19 45			n.a.
S 26	20 28	18 51	0 15	10 43	3 25	13 41	1 18	23 35	1 5	3 41	1 16	3 25	2 39	11 46	0 23	12 36	1 16	28 52	5 52	19 19	18 58	19 44			n.a.
S 27	20 15	20 29	0n48	10 30	3 34	13 14	1 16	23 30	1 5	3 36	1 15	3 26	2 39	11 46	0 23	12 35	1 16	28 52	5 52	19 19	18 57	19 43			n.a.
M28	20 3	21 11	1 49	10 20	3 44	12 46	1 15	23 25	1 5	3 32	1 15	3 27	2 40	11 46	0 23	12 34	1 16	28 52	5 52	19 19	18 56	19 42			n.a.
T 29	19 49	20 56	2 45	10 12	3 52	12 19	1 13	23 20	1 6	3 28	1 15	3 28	2 40	11 47	0 23	12 34	1 16	28 52	5 52	19 17	18 55	19 41			n.a.
W30	19 36	19 46	3 34	10 6	4 0	11 51	1 11	23 14	1 6	3 24	1 15	3 29	2 40	11 47	0 23	12 33	1 16	28 52	5 53	19 16	18 54	19 40			n.a.
T 31	19n22	17s44	4n13	10n 4	4s 7	11n22	1n 9	23n 9	1n 6	3n19	1n15	3s30	2s41	11s47	0n23	12n32	1n16	28n51	5n53	19s13	18s54	19s39			n.a.

Julian Day Number = 1708455.5, Delta T = 03h01m58s
Ecliptic obliquity = 23°41'52, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°33'11, Lahiri = - 4°26'10 Julian Calendar 1 July 36 BCE == Greg. Calendar 29 June 036 BCE

The year -35 astronomical counting style corresponds to year 036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 36 BCE
geocentric

AUGUST 36 BCE (-35) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 28 16	5♌21'37	3♒51	22°R50	4♍49	21♋32	24♍44	27°R22	1♏34	0♍43	13♋28	24°R48	23♏38	9♉46	n.a.	F 1
S 2	20 32 12	6°19'40	15°56	22♌26	6° 2	22°10	24°55	27♓20	1°35	0°45	13°29	24♏35	23°34	9°53	n.a.	S 2
S 3	20 36 9	7°17'44	28° 8	21°56	7°15	22°48	25° 6	27°18	1°36	0°47	13°31	24°23	23°31	9°59	n.a.	S 3
M 4	20 40 5	8°15'50	10♓28	21°19	8°27	23°26	25°16	27°16	1°37	0°49	13°33	24°11	23°28	10° 6	n.a.	M 4
T 5	20 44 2	9°13'58	22°59	20°38	9°40	24° 4	25°27	27°13	1°39	0°52	13°34	24° 2	23°25	10°13	n.a.	T 5
W 6	20 47 58	10°12'09	5♈41	19°51	10°53	24°42	25°38	27°11	1°40	0°54	13°36	23°55	23°22	10°19	n.a.	W 6
T 7	20 51 55	11°10'21	18°36	18°59	12° 6	25°20	25°49	27° 8	1°41	0°56	13°38	23°51	23°18	10°26	n.a.	T 7
F 8	20 55 51	12° 8'35	1♉47	18° 4	13°18	25°58	26° 0	27° 6	1°42	0°58	13°39	23°49	23°15	10°33	n.a.	F 8
S 9	20 59 48	13° 6'52	15°16	17° 6	14°31	26°36	26°11	27° 3	1°44	1° 0	13°41	23°D48	23°12	10°39	n.a.	S 9
S 10	21 3 45	14° 5'11	29° 5	16° 7	15°44	27°15	26°22	27° 0	1°45	1° 2	13°42	23°R48	23° 9	10°46	n.a.	S 10
M11	21 7 41	15° 3'32	13♊16	15° 7	16°56	27°53	26°34	26°57	1°46	1° 4	13°44	23°48	23° 6	10°53	n.a.	M11
T 12	21 11 38	16° 1'56	27°47	14° 8	18° 9	28°31	26°45	26°55	1°48	1° 7	13°45	23°44	23° 3	10°59	n.a.	T 12
W13	21 15 34	17° 0'21	12♋36	13°11	19°22	29° 9	26°56	26°51	1°50	1° 9	13°47	23°39	22°59	11° 6	n.a.	W13
T 14	21 19 31	17°58'49	27°36	12°19	20°34	29°47	27° 8	26°48	1°51	1°11	13°48	23°30	22°56	11°13	n.a.	T 14
F 15	21 23 27	18°57'19	12♌38	11°31	21°47	0♌25	27°19	26°45	1°53	1°13	13°50	23°20	22°53	11°20	n.a.	F 15
S 16	21 27 24	19°55'51	27°33	10°49	22°59	1° 3	27°31	26°42	1°54	1°15	13°52	23° 8	22°50	11°26	n.a.	S 16
S 17	21 31 20	20°54'25	12♍11	10°15	24°12	1°41	27°43	26°38	1°56	1°17	13°53	22°57	22°47	11°33	n.a.	S 17
M18	21 35 17	21°53'00	26°25	9°49	25°24	2°19	27°54	26°35	1°58	1°20	13°54	22°48	22°44	11°40	n.a.	M18
T 19	21 39 14	22°51'38	10♎12	9°31	26°37	2°57	28° 6	26°32	2° 0	1°22	13°56	22°40	22°40	11°46	n.a.	T 19
W20	21 43 10	23°50'17	23°31	9°D23	27°49	3°35	28°18	26°28	2° 2	1°24	13°57	22°36	22°37	11°53	n.a.	W20
T 21	21 47 7	24°48'58	6♏22	9°25	29° 2	4°13	28°30	26°24	2° 4	1°26	13°59	22°34	22°34	12° 0	n.a.	T 21
F 22	21 51 3	25°47'41	18°51	9°36	0♎14	4°51	28°42	26°21	2° 6	1°29	14° 0	22°33	22°31	12° 6	n.a.	F 22
S 23	21 55 0	26°46'26	1♐ 2	9°57	1°26	5°29	28°54	26°17	2° 8	1°31	14° 2	22°33	22°28	12°13	n.a.	S 23
S 24	21 58 56	27°45'12	13° 1	10°27	2°38	6° 7	29° 6	26°13	2°10	1°33	14° 3	22°33	22°24	12°20	n.a.	S 24
M25	22 2 53	28°44'01	24°52	11° 6	3°51	6°45	29°18	26° 9	2°12	1°35	14° 4	22°30	22°21	12°26	n.a.	M25
T 26	22 6 49	29°42'51	6♑41	11°54	5° 3	7°23	29°30	26° 5	2°14	1°37	14° 6	22°25	22°18	12°33	n.a.	T 26
W27	22 10 46	0♍41'43	18°33	12°49	6°15	8° 1	29°43	26° 1	2°16	1°40	14° 7	22°18	22°15	12°40	n.a.	W27
T 28	22 14 43	1°40'37	0♒30	13°52	7°27	8°39	29°55	25°57	2°18	1°42	14° 8	22° 8	22°12	12°46	n.a.	T 28
F 29	22 18 39	2°39'33	12°35	15° 2	8°39	9°17	0♎ 7	25°53	2°21	1°44	14° 9	21°56	22° 9	12°53	n.a.	F 29
S 30	22 22 36	3°38'31	24°50	16°18	9°51	9°55	0°20	25°48	2°23	1°46	14°11	21°42	22° 5	13° 0	n.a.	S 30
S 31	22 26 32	4♍37'31	7♓15	17♌40	11♎ 3	10♌33	0♎32	25♓44	2♏25	1♍49	14♋12	21♏29	22♏ 2	13♉ 7	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n 8	14s56	4n42	10n 4	4s13	10n54	1n 8	23n 3	1n 6	3n15	1n15	3s31	2s41	11s48	0n23	12n31	1n16	28n51	5n53	19s10	18s53	19s38		n.a.
S 2	18 54	11 30	4 58	10 7	4 18	10 25	1 6	22 57	1 7	3 11	1 14	3 32	2 41	11 48	0 23	12 31	1 16	28 51	5 53	19 7	18 52	19 37		n.a.
S 3	18 39	7 33	5 1	10 14	4 21	9 56	1 4	22 51	1 7	3 6	1 14	3 33	2 41	11 48	0 22	12 30	1 16	28 51	5 53	19 4	18 51	19 36		n.a.
M 4	18 24	3 16	4 49	10 23	4 23	9 26	1 2	22 44	1 7	3 2	1 14	3 34	2 42	11 49	0 22	12 29	1 16	28 51	5 53	19 1	18 50	19 34		n.a.
T 5	18 8	1n13	4 24	10 36	4 24	8 56	0 59	22 38	1 7	2 57	1 14	3 35	2 42	11 49	0 22	12 28	1 16	28 51	5 53	18 59	18 50	19 33		n.a.
W 6	17 53	5 43	3 46	10 52	4 23	8 27	0 57	22 31	1 8	2 53	1 14	3 36	2 42	11 50	0 22	12 28	1 16	28 51	5 53	18 57	18 49	19 32		n.a.
T 7	17 37	10 3	2 55	11 11	4 20	7 56	0 55	22 25	1 8	2 48	1 14	3 38	2 42	11 50	0 22	12 27	1 16	28 51	5 54	18 56	18 48	19 31		n.a.
F 8	17 20	14 0	1 54	11 33	4 15	7 26	0 52	22 18	1 8	2 44	1 13	3 39	2 43	11 51	0 22	12 26	1 16	28 51	5 54	18 56	18 47	19 30		n.a.
S 9	17 4	17 18	0 45	11 57	4 8	6 56	0 50	22 11	1 8	2 39	1 13	3 40	2 43	11 51	0 22	12 25	1 16	28 51	5 54	18 56	18 46	19 29		n.a.
S 10	16 47	19 43	0s28	12 23	3 59	6 25	0 48	22 3	1 9	2 34	1 13	3 42	2 43	11 52	0 22	12 25	1 16	28 51	5 54	18 56	18 46	19 28		n.a.
M11	16 30	20 58	1 41	12 51	3 48	5 54	0 45	21 56	1 9	2 30	1 13	3 43	2 43	11 52	0 22	12 24	1 16	28 51	5 54	18 55	18 45	19 27		n.a.
T 12	16 12	20 51	2 49	13 20	3 35	5 23	0 43	21 48	1 9	2 25	1 13	3 44	2 44	11 53	0 22	12 23	1 16	28 51	5 54	18 55	18 44	19 25		n.a.
W13	15 54	19 19	3 47	13 50	3 21	4 52	0 40	21 41	1 9	2 20	1 13	3 46	2 44	11 53	0 22	12 22	1 16	28 51	5 55	18 53	18 43	19 24		n.a.
T 14	15 36	16 27	4 31	14 20	3 5	4 21	0 37	21 33	1 10	2 16	1 13	3 47	2 44	11 54	0 22	12 21	1 16	28 51	5 55	18 51	18 42	19 23		n.a.
F 15	15 18	12 29	4 55	14 50	2 48	3 49	0 34	21 25	1 10	2 11	1 12	3 49	2 44	11 55	0 22	12 21	1 16	28 51	5 55	18 48	18 42	19 22		n.a.
S 16	15 0	7 46	5 0	15 19	2 29	3 18	0 32	21 17	1 10	2 6	1 12	3 50	2 44	11 55	0 22	12 20	1 16	28 51	5 55	18 45	18 41	19 21		n.a.
S 17	14 41	2 42	4 44	15 46	2 11	2 46	0 29	21 8	1 10	2 1	1 12	3 52	2 45	11 56	0 22	12 19	1 16	28 51	5 55	18 43	18 40	19 20		n.a.
M18	14 22	2s24	4 11	16 12	1 51	2 14	0 26	21 0	1 10	1 56	1 12	3 53	2 45	11 56	0 22	12 18	1 16	28 51	5 55	18 40	18 39	19 19		n.a.
T 19	14 3	7 12	3 24	16 35	1 32	1 43	0 23	20 51	1 11	1 52	1 12	3 55	2 45	11 57	0 22	12 18	1 16	28 51	5 56	18 38	18 38	19 17		n.a.
W20	13 43	11 30	2 27	16 56	1 13	1 11	0 20	20 43	1 11	1 47	1 12	3 57	2 45	11 58	0 22	12 17	1 16	28 51	5 56	18 37	18 37	19 16		n.a.
T 21	13 23	15 7	1 25	17 13	0 54	0 39	0 17	20 34	1 11	1 42	1 12	3 58	2 45	11 58	0 22	12 16	1 16	28 51	5 56	18 37	18 37	19 15		n.a.
F 22	13 3	17 56	0 20	17 28	0 36	0 7	0 14	20 25	1 11	1 37	1 11	4 0	2 46	11 59	0 22	12 15	1 16	28 51	5 56	18 36	18 36	19 14		n.a.
S 23	12 43	19 51	0n45	17 39	0 18	0s25	0 11	20 15	1 12	1 32	1 11	4 2	2 46	12 0	0 22	12 14	1 16	28 51	5 56	18 36	18 35	19 13		n.a.
S 24	12 23	20 51	1 46	17 47	0 2	0 57	0 8	20 6	1 12	1 27	1 11	4 3	2 46	12 1	0 22	12 14	1 16	28 51	5 56	18 36	18 34	19 12		n.a.
M25	12 2	20 54	2 42	17 51	0n14	1 29	0 5	19 57	1 12	1 22	1 11	4 5	2 46	12 1	0 22	12 13	1 16	28 51	5 57	18 36	18 33	19 10		n.a.
T 26	11 42	20 1	3 31	17 52	0 29	2 0	0 1	19 47	1 12	1 17	1 11	4 7	2 46	12 2	0 22	12 12	1 16	28 51	5 57	18 34	18 33	19 9		n.a.
W27	11 21	18 16	4 11	17 49	0 42	2 32	0s 2	19 37	1 12	1 12	1 11	4 9	2 47	12 3	0 22	12 11	1 16	28 51	5 57	18 33	18 32	19 8		n.a.
T 28	11 0	15 43	4 40	17 43	0 54	3 4	0 5	19 28	1 13	1 7	1 11	4 10	2 47	12 4	0 22	12 10	1 16	28 51	5 57	18 30	18 31	19 7		n.a.
F 29	10 38	12 28	4 57	17 32	1 5	3 36	0 9	19 18	1 13	1 2	1 11	4 12	2 47	12 5	0 22	12 10	1 16	28 51	5 57	18 27	18 30	19 6		n.a.
S 30	10 17	8 41	5 0	17 19	1 15	4 8	0 12	19 7	1 13	0 57	1 11	4 14	2 47	12 5	0 22	12 9	1 16	28 51	5 58	18 23	18 29	19 5		n.a.
S 31	9n55	4s28	4n49	17n 2	1n24	4s39	0s15	18n57	1n13	0n52	1n10	4s16	2s47	12s 6	0n22	12n 8	1n16	28n51	5n58	18s20	18s28	19s 3		n.a.

Julian Day Number = 1708486.5, Delta T = 03h01m57s
Ecliptic obliquity = 23°41'52, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°33'06, Lahiri = - 4°26'06 Julian Calendar 1 Aug. 36 BCE == Greg. Calendar 30 July 036 BCE

The year -35 astronomical counting style corresponds to year 036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 36 BCE
geocentric

SEPTEMBER 36 BCE (-35) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 30 29	5♍36'33	19♓52	19♌ 6	12♎15	11♌11	0♎44	25°R40	2♏28	1♍51	14♋13	21°R17	21♏59	13♑13	n.a.	M 1
T 2	22 34 25	6°35'38	2♈39	20°36	13°27	11°49	0°57	25♓35	2°30	1°53	14°14	21♏ 7	21°56	13°20	n.a.	T 2
W 3	22 38 22	7°34'44	15°38	22°10	14°39	12°27	1° 9	25°31	2°33	1°55	14°16	20°59	21°53	13°27	n.a.	W 3
T 4	22 42 18	8°33'54	28°47	23°46	15°51	13° 5	1°22	25°26	2°35	1°58	14°17	20°55	21°49	13°33	n.a.	T 4
F 5	22 46 15	9°33'05	12♉ 8	25°25	17° 3	13°43	1°35	25°22	2°38	2° 0	14°18	20°53	21°46	13°40	n.a.	F 5
S 6	22 50 11	10°32'19	25°42	27° 6	18°15	14°21	1°47	25°17	2°40	2° 2	14°19	20°D53	21°43	13°47	n.a.	S 6
S 7	22 54 8	11°31'35	9♊29	28°49	19°26	14°59	2° 0	25°13	2°43	2° 4	14°20	20°R53	21°40	13°53	n.a.	S 7
M 8	22 58 5	12°30'54	23°31	0♍32	20°38	15°37	2°13	25° 8	2°45	2° 6	14°21	20°53	21°37	14° 0	n.a.	M 8
T 9	23 2 1	13°30'15	7♋46	2°17	21°50	16°14	2°26	25° 3	2°48	2° 9	14°22	20°50	21°34	14° 7	n.a.	T 9
W10	23 5 58	14°29'39	22°14	4° 2	23° 1	16°52	2°38	24°59	2°51	2°11	14°23	20°46	21°30	14°14	n.a.	W10
T 11	23 9 54	15°29'05	6♌50	5°48	24°13	17°30	2°51	24°54	2°54	2°13	14°24	20°39	21°27	14°20	n.a.	T 11
F 12	23 13 51	16°28'34	21°29	7°33	25°24	18° 8	3° 4	24°49	2°57	2°15	14°25	20°29	21°24	14°27	n.a.	F 12
S 13	23 17 47	17°28'04	6♍ 3	9°19	26°36	18°46	3°17	24°45	2°59	2°17	14°26	20°19	21°21	14°34	n.a.	S 13
S 14	23 21 44	18°27'37	20°25	11° 4	27°47	19°24	3°30	24°40	3° 2	2°20	14°27	20° 9	21°18	14°40	n.a.	S 14
M15	23 25 40	19°27'12	4♎29	12°50	28°58	20° 2	3°43	24°35	3° 5	2°22	14°28	20° 1	21°15	14°47	n.a.	M15
T 16	23 29 37	20°26'49	18°10	14°34	0♏10	20°40	3°56	24°30	3° 8	2°24	14°29	19°54	21°11	14°54	n.a.	T 16
W17	23 33 34	21°26'28	1♏26	16°19	1°21	21°18	4° 9	24°25	3°11	2°26	14°30	19°50	21° 8	15° 0	n.a.	W17
T 18	23 37 30	22°26'09	14°19	18° 3	2°32	21°56	4°22	24°21	3°14	2°28	14°31	19°D48	21° 5	15° 7	n.a.	T 18
F 19	23 41 27	23°25'51	26°50	19°46	3°43	22°34	4°35	24°16	3°17	2°30	14°31	19°48	21° 2	15°14	n.a.	F 19
S 20	23 45 23	24°25'36	9♐ 3	21°29	4°54	23°11	4°48	24°11	3°20	2°32	14°32	19°49	20°59	15°20	n.a.	S 20
S 21	23 49 20	25°25'23	21° 3	23°12	6° 5	23°49	5° 1	24° 6	3°23	2°34	14°33	19°R50	20°55	15°27	n.a.	S 21
M22	23 53 16	26°25'11	2♑56	24°53	7°16	24°27	5°14	24° 1	3°26	2°37	14°34	19°50	20°52	15°34	n.a.	M22
T 23	23 57 13	27°25'01	14°47	26°35	8°27	25° 5	5°27	23°56	3°30	2°39	14°34	19°48	20°49	15°41	n.a.	T 23
W24	0 1 9	28°24'53	26°40	28°15	9°38	25°43	5°41	23°52	3°33	2°41	14°35	19°44	20°46	15°47	n.a.	W24
T 25	0 5 6	29°24'47	8♒40	29°55	10°49	26°21	5°54	23°47	3°36	2°43	14°36	19°38	20°43	15°54	n.a.	T 25
F 26	0 9 2	0♎24'42	20°50	1♎35	12° 0	26°59	6° 7	23°42	3°39	2°45	14°36	19°30	20°40	16° 1	n.a.	F 26
S 27	0 12 59	1°24'39	3♓14	3°14	13°10	27°36	6°20	23°37	3°42	2°47	14°37	19°21	20°36	16° 7	n.a.	S 27
S 28	0 16 56	2°24'39	15°53	4°52	14°21	28°14	6°33	23°32	3°46	2°49	14°38	19°13	20°33	16°14	n.a.	S 28
M29	0 20 52	3°24'40	28°46	6°30	15°31	28°52	6°46	23°28	3°49	2°51	14°38	19° 4	20°30	16°21	n.a.	M29
T 30	0 24 49	4♎24'43	11♈55	8♎ 7	16♏41	29♌30	7♎ 0	23♓23	3♏52	2♍53	14♋39	18♏58	20♏27	16♑27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	9n33	0s 0	4n24	16n42	1n31	5s11	0s19	18n47	1n13	0n47	1n10	4s18	2s47	12s 7	0n22	12n 7	1n16	28n52	5n58	18s16	18s28	19s 2		n.a.	M 1
T 2	9 11	4n31	3 46	16 19	1 38	5 42	0 22	18 36	1 14	0 41	1 10	4 20	2 47	12 8	0 22	12 6	1 16	28 52	5 58	18 14	18 27	19 1		n.a.	T 2
W 3	8 49	8 54	2 55	15 54	1 43	6 14	0 25	18 26	1 14	0 36	1 10	4 21	2 47	12 9	0 22	12 6	1 16	28 52	5 58	18 12	18 26	19 0		n.a.	W 3
T 4	8 27	12 56	1 54	15 25	1 47	6 45	0 29	18 15	1 14	0 31	1 10	4 23	2 48	12 10	0 22	12 5	1 16	28 52	5 59	18 11	18 25	18 59		n.a.	T 4
F 5	8 4	16 23	0 46	14 55	1 50	7 16	0 32	18 4	1 14	0 26	1 10	4 25	2 48	12 11	0 22	12 4	1 16	28 52	5 59	18 10	18 24	18 57		n.a.	F 5
S 6	7 42	18 59	0s26	14 22	1 53	7 47	0 36	17 53	1 14	0 21	1 10	4 27	2 48	12 12	0 22	12 3	1 17	28 52	5 59	18 10	18 23	18 56		n.a.	S 6
S 7	7 19	20 31	1 37	13 47	1 54	8 17	0 39	17 42	1 14	0 16	1 10	4 29	2 48	12 12	0 22	12 2	1 17	28 52	5 59	18 10	18 23	18 55		n.a.	S 7
M 8	6 56	20 48	2 44	13 11	1 55	8 48	0 43	17 31	1 15	0 11	1 10	4 31	2 48	12 13	0 22	12 2	1 17	28 52	5 59	18 10	18 22	18 54		n.a.	M 8
T 9	6 33	19 46	3 42	12 33	1 55	9 19	0 46	17 20	1 15	0 5	1 10	4 33	2 48	12 14	0 22	12 1	1 17	28 52	6 0	18 9	18 21	18 52		n.a.	T 9
W10	6 10	17 27	4 27	11 54	1 54	9 49	0 50	17 8	1 15	0 0	1 10	4 35	2 48	12 15	0 22	12 0	1 17	28 52	6 0	18 8	18 20	18 51		n.a.	W10
T 11	5 47	14 1	4 55	11 13	1 52	10 19	0 53	16 57	1 15	0s 5	1 10	4 37	2 48	12 16	0 21	11 59	1 17	28 52	6 0	18 6	18 19	18 50		n.a.	T 11
F 12	5 24	9 43	5 3	10 32	1 50	10 49	0 57	16 45	1 15	0 10	1 9	4 39	2 48	12 17	0 21	11 58	1 17	28 52	6 0	18 4	18 18	18 49		n.a.	F 12
S 13	5 0	4 52	4 52	9 49	1 48	11 18	1 0	16 33	1 15	0 16	1 9	4 41	2 48	12 18	0 21	11 58	1 17	28 53	6 0	18 1	18 18	18 48		n.a.	S 13
S 14	4 37	0s11	4 23	9 6	1 45	11 47	1 4	16 21	1 16	0 21	1 9	4 43	2 48	12 19	0 21	11 57	1 17	28 53	6 1	17 58	18 17	18 46		n.a.	S 14
M15	4 13	5 7	3 37	8 22	1 41	12 16	1 7	16 10	1 16	0 26	1 9	4 45	2 49	12 20	0 21	11 56	1 17	28 53	6 1	17 56	18 16	18 45		n.a.	M15
T 16	3 49	9 40	2 41	7 38	1 37	12 45	1 11	15 57	1 16	0 31	1 9	4 47	2 49	12 21	0 21	11 55	1 17	28 53	6 1	17 54	18 15	18 44		n.a.	T 16
W17	3 26	13 37	1 37	6 53	1 33	13 14	1 14	15 45	1 16	0 37	1 9	4 49	2 49	12 22	0 21	11 55	1 17	28 53	6 1	17 53	18 14	18 43		n.a.	W17
T 18	3 2	16 46	0 29	6 8	1 29	13 42	1 18	15 33	1 16	0 42	1 9	4 51	2 49	12 23	0 21	11 54	1 17	28 53	6 2	17 53	18 13	18 41		n.a.	T 18
F 19	2 38	19 3	0n38	5 23	1 24	14 10	1 21	15 21	1 16	0 47	1 9	4 53	2 49	12 25	0 21	11 53	1 17	28 53	6 2	17 53	18 13	18 40		n.a.	F 19
S 20	2 14	20 22	1 41	4 37	1 19	14 37	1 25	15 8	1 17	0 53	1 9	4 55	2 49	12 26	0 21	11 52	1 17	28 53	6 2	17 53	18 12	18 39		n.a.	S 20
S 21	1 50	20 44	2 40	3 51	1 13	15 5	1 28	14 56	1 17	0 58	1 9	4 57	2 49	12 27	0 21	11 52	1 17	28 54	6 2	17 53	18 11	18 38		n.a.	S 21
M22	1 26	20 9	3 30	3 5	1 8	15 32	1 31	14 43	1 17	1 3	1 9	4 59	2 49	12 28	0 21	11 51	1 17	28 54	6 2	17 53	18 10	18 36		n.a.	M22
T 23	1 2	18 42	4 12	2 19	1 2	15 58	1 35	14 30	1 17	1 8	1 9	5 0	2 49	12 29	0 21	11 50	1 17	28 54	6 3	17 53	18 9	18 35		n.a.	T 23
W24	0 38	16 25	4 43	1 34	0 56	16 24	1 38	14 18	1 17	1 14	1 9	5 2	2 49	12 30	0 21	11 49	1 17	28 54	6 3	17 52	18 8	18 34		n.a.	W24
T 25	0 14	13 26	5 2	0 48	0 50	16 50	1 41	14 5	1 17	1 19	1 9	5 4	2 49	12 31	0 21	11 49	1 17	28 54	6 3	17 50	18 7	18 32		n.a.	T 25
F 26	0s10	9 51	5 7	0 2	0 44	17 15	1 45	13 52	1 17	1 24	1 9	5 6	2 49	12 32	0 21	11 48	1 17	28 54	6 3	17 48	18 7	18 31		n.a.	F 26
S 27	0 34	5 48	4 58	0s43	0 38	17 40	1 48	13 39	1 18	1 30	1 9	5 8	2 49	12 33	0 21	11 47	1 17	28 54	6 4	17 45	18 6	18 30		n.a.	S 27
S 28	0 58	1 25	4 35	1 29	0 31	18 5	1 51	13 26	1 18	1 35	1 9	5 10	2 49	12 35	0 21	11 47	1 17	28 55	6 4	17 43	18 5	18 29		n.a.	S 28
M29	1 22	3n 8	3 57	2 14	0 25	18 29	1 54	13 12	1 18	1 40	1 9	5 12	2 49	12 36	0 21	11 46	1 17	28 55	6 4	17 41	18 4	18 27		n.a.	M29
T 30	1s46	7n37	3n 6	2s58	0n18	18s53	1s57	12n59	1n18	1s46	1n 8	5s14	2s48	12s37	0n21	11n45	1n17	28n55	6n 4	17s39	18s 3	18s26		n.a.	T 30

Julian Day Number = 1708517.5, Delta T = 03h01m56s
Ecliptic obliquity = 23°41'52, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°33'02, Lahiri = - 4°26'02 Julian Calendar 1 Sept. 36 BCE == Greg. Calendar 30 Aug. 036 BCE

The year -35 astronomical counting style corresponds to year 036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 36 BCE
geocentric

OCTOBER 36 BCE (-35) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 28 45	5♎24'48	25♈16	9♎44	17♏52	0♍ 8	7♎13	23°R18	3♏56	2♍55	14♋39	18°R53	20♏24	16♑34	n.a.	W 1
T 2	0 32 42	6°24'55	8♉49	11°20	19° 2	0°46	7°26	23♓14	3°59	2°57	14°40	18♏51	20°20	16°41	n.a.	T 2
F 3	0 36 38	7°25'04	22°31	12°56	20°12	1°23	7°39	23° 9	4° 3	2°59	14°40	18°D50	20°17	16°48	n.a.	F 3
S 4	0 40 35	8°25'15	6♊22	14°31	21°22	2° 1	7°52	23° 5	4° 6	3° 1	14°41	18°51	20°14	16°54	n.a.	S 4
S 5	0 44 31	9°25'29	20°21	16° 6	22°32	2°39	8° 6	23° 0	4° 9	3° 2	14°41	18°53	20°11	17° 1	n.a.	S 5
M 6	0 48 28	10°25'45	4♋25	17°41	23°42	3°17	8°19	22°56	4°13	3° 4	14°41	18°R54	20° 8	17° 8	n.a.	M 6
T 7	0 52 25	11°26'03	18°34	19°15	24°52	3°55	8°32	22°51	4°16	3° 6	14°42	18°54	20° 5	17°14	n.a.	T 7
W 8	0 56 21	12°26'23	2♌46	20°48	26° 1	4°33	8°45	22°47	4°20	3° 8	14°42	18°52	20° 1	17°21	n.a.	W 8
T 9	1 0 18	13°26'45	17° 0	22°22	27°11	5°10	8°58	22°42	4°23	3°10	14°42	18°49	19°58	17°28	n.a.	T 9
F 10	1 4 14	14°27'09	1♍11	23°55	28°21	5°48	9°12	22°38	4°27	3°12	14°43	18°44	19°55	17°34	n.a.	F 10
S 11	1 8 11	15°27'35	15°16	25°27	29°30	6°26	9°25	22°34	4°30	3°13	14°43	18°39	19°52	17°41	n.a.	S 11
S 12	1 12 7	16°28'03	29°11	26°59	0♐39	7° 4	9°38	22°30	4°34	3°15	14°43	18°34	19°49	17°48	n.a.	S 12
M13	1 16 4	17°28'33	12♎52	28°31	1°48	7°41	9°51	22°25	4°38	3°17	14°43	18°29	19°46	17°55	n.a.	M13
T 14	1 20 0	18°29'05	26°16	0♏ 3	2°57	8°19	10° 4	22°21	4°41	3°19	14°43	18°26	19°42	18° 1	n.a.	T 14
W15	1 23 57	19°29'38	9♏21	1°34	4° 6	8°57	10°18	22°17	4°45	3°20	14°43	18°24	19°39	18° 8	n.a.	W15
T 16	1 27 54	20°30'13	22° 8	3° 5	5°15	9°35	10°31	22°13	4°48	3°22	14°43	18°D24	19°36	18°15	n.a.	T 16
F 17	1 31 50	21°30'50	4♐36	4°35	6°24	10°13	10°44	22° 9	4°52	3°24	14°44	18°25	19°33	18°21	n.a.	F 17
S 18	1 35 47	22°31'27	16°49	6° 6	7°33	10°50	10°57	22° 6	4°56	3°25	14°44	18°26	19°30	18°28	n.a.	S 18
S 19	1 39 43	23°32'07	28°51	7°36	8°41	11°28	11°10	22° 2	4°59	3°27	14°R44	18°28	19°26	18°35	n.a.	S 19
M20	1 43 40	24°32'47	10♑44	9° 5	9°49	12° 6	11°23	21°58	5° 3	3°28	14°44	18°29	19°23	18°41	n.a.	M20
T 21	1 47 36	25°33'29	22°36	10°34	10°57	12°44	11°36	21°55	5° 7	3°30	14°44	18°R30	19°20	18°48	n.a.	T 21
W22	1 51 33	26°34'12	4♒29	12° 3	12° 5	13°21	11°49	21°51	5°10	3°31	14°43	18°30	19°17	18°55	n.a.	W22
T 23	1 55 29	27°34'56	16°29	13°31	13°13	13°59	12° 2	21°48	5°14	3°33	14°43	18°29	19°14	19° 2	n.a.	T 23
F 24	1 59 26	28°35'42	28°41	14°59	14°21	14°37	12°15	21°44	5°18	3°34	14°43	18°27	19°11	19° 8	n.a.	F 24
S 25	2 3 22	29°36'28	11♓ 8	16°26	15°28	15°14	12°28	21°41	5°21	3°36	14°43	18°24	19° 7	19°15	n.a.	S 25
S 26	2 7 19	0♏37'16	23°53	17°53	16°36	15°52	12°41	21°38	5°25	3°37	14°43	18°21	19° 4	19°22	n.a.	S 26
M27	2 11 16	1°38'05	6♈58	19°19	17°43	16°30	12°54	21°35	5°29	3°39	14°43	18°18	19° 1	19°28	n.a.	M27
T 28	2 15 12	2°38'55	20°23	20°44	18°50	17° 7	13° 7	21°32	5°33	3°40	14°42	18°16	18°58	19°35	n.a.	T 28
W29	2 19 9	3°39'46	4♉ 7	22° 8	19°57	17°45	13°20	21°29	5°36	3°41	14°42	18°15	18°55	19°42	n.a.	W29
T 30	2 23 5	4°40'39	18° 6	23°31	21° 3	18°23	13°32	21°26	5°40	3°43	14°42	18°D15	18°52	19°49	n.a.	T 30
F 31	2 27 2	5♏41'33	2♊17	24♏54	22♐10	19♍ 0	13♎45	21♓23	5♏44	3♍44	14♋41	18♏15	18♏48	19♑55	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	2s10	11n48	2n 4	3s43	0n12	19s16	2s 0	12n46	1n18	1s51	1n 8	5s15	2s48	12s38	0n21	11n45	1n17	28n55	6n 5	17s38	18s 2	18s25		n.a.	W 1
T 2	2 34	15 27	0 54	4 27	0 5	19 39	2 3	12 32	1 18	1 56	1 8	5 17	2 48	12 39	0 21	11 44	1 17	28 55	6 5	17 37	18 1	18 23		n.a.	T 2
F 3	2 58	18 17	0s20	5 11	0s 2	20 1	2 6	12 19	1 18	2 1	1 8	5 19	2 48	12 40	0 21	11 43	1 17	28 56	6 5	17 37	18 1	18 22		n.a.	F 3
S 4	3 22	20 4	1 34	5 55	0 8	20 22	2 9	12 5	1 18	2 7	1 8	5 21	2 48	12 42	0 21	11 42	1 17	28 56	6 5	17 37	18 0	18 21		n.a.	S 4
S 5	3 46	20 38	2 43	6 38	0 15	20 44	2 12	11 52	1 19	2 12	1 8	5 23	2 48	12 43	0 21	11 42	1 17	28 56	6 6	17 37	17 59	18 19		n.a.	S 5
M 6	4 10	19 55	3 42	7 20	0 21	21 4	2 15	11 38	1 19	2 17	1 8	5 24	2 48	12 44	0 21	11 41	1 17	28 56	6 6	17 38	17 58	18 18		n.a.	M 6
T 7	4 34	17 57	4 29	8 3	0 28	21 25	2 18	11 24	1 19	2 23	1 8	5 26	2 48	12 45	0 21	11 41	1 17	28 56	6 6	17 38	17 57	18 17		n.a.	T 7
W 8	4 58	14 54	4 59	8 44	0 35	21 44	2 20	11 10	1 19	2 28	1 8	5 28	2 48	12 46	0 21	11 40	1 17	28 57	6 6	17 37	17 56	18 16		n.a.	W 8
T 9	5 22	10 58	5 11	9 26	0 41	22 3	2 23	10 56	1 19	2 33	1 8	5 29	2 48	12 48	0 21	11 39	1 17	28 57	6 6	17 36	17 55	18 14		n.a.	T 9
F 10	5 45	6 26	5 4	10 7	0 47	22 22	2 25	10 42	1 19	2 38	1 8	5 31	2 48	12 49	0 21	11 39	1 17	28 57	6 7	17 35	17 55	18 13		n.a.	F 10
S 11	6 9	1 35	4 39	10 47	0 54	22 40	2 28	10 28	1 19	2 44	1 8	5 33	2 48	12 50	0 21	11 38	1 17	28 57	6 7	17 34	17 54	18 12		n.a.	S 11
S 12	6 33	3s17	3 57	11 27	1 0	22 57	2 30	10 14	1 19	2 49	1 8	5 34	2 47	12 51	0 21	11 37	1 18	28 57	6 7	17 32	17 53	18 10		n.a.	S 12
M13	6 56	7 56	3 2	12 6	1 6	23 14	2 32	10 0	1 19	2 54	1 8	5 36	2 47	12 52	0 21	11 37	1 18	28 58	6 7	17 31	17 52	18 9		n.a.	M13
T 14	7 19	12 5	1 58	12 44	1 12	23 30	2 35	9 46	1 20	2 59	1 8	5 37	2 47	12 54	0 21	11 36	1 18	28 58	6 8	17 30	17 51	18 8		n.a.	T 14
W15	7 42	15 33	0 49	13 22	1 18	23 46	2 37	9 32	1 20	3 4	1 8	5 39	2 47	12 55	0 21	11 36	1 18	28 58	6 8	17 29	17 50	18 6		n.a.	W15
T 16	8 6	18 10	0n21	13 59	1 24	24 1	2 39	9 17	1 20	3 10	1 8	5 40	2 47	12 56	0 21	11 35	1 18	28 58	6 8	17 29	17 49	18 5		n.a.	T 16
F 17	8 29	19 51	1 28	14 36	1 30	24 15	2 41	9 3	1 20	3 15	1 8	5 42	2 47	12 57	0 21	11 35	1 18	28 59	6 8	17 30	17 48	18 4		n.a.	F 17
S 18	8 51	20 33	2 30	15 12	1 35	24 29	2 43	8 49	1 20	3 20	1 8	5 43	2 47	12 59	0 21	11 34	1 18	28 59	6 9	17 30	17 48	18 2		n.a.	S 18
S 19	9 14	20 17	3 24	15 47	1 41	24 42	2 44	8 34	1 20	3 25	1 8	5 44	2 46	13 0	0 21	11 33	1 18	28 59	6 9	17 31	17 47	18 1		n.a.	S 19
M20	9 37	19 7	4 9	16 21	1 46	24 54	2 46	8 20	1 20	3 30	1 8	5 46	2 46	13 1	0 21	11 33	1 18	28 59	6 9	17 31	17 46	18 0		n.a.	M20
T 21	9 59	17 7	4 44	16 54	1 51	25 6	2 48	8 5	1 20	3 35	1 8	5 47	2 46	13 2	0 21	11 32	1 18	28 59	6 9	17 31	17 45	17 58		n.a.	T 21
W22	10 21	14 24	5 6	17 27	1 55	25 17	2 49	7 51	1 20	3 41	1 8	5 48	2 46	13 4	0 21	11 32	1 18	29 0	6 10	17 31	17 44	17 57		n.a.	W22
T 23	10 43	11 3	5 15	17 58	2 0	25 27	2 51	7 36	1 20	3 46	1 8	5 49	2 46	13 5	0 21	11 31	1 18	29 0	6 10	17 31	17 43	17 55		n.a.	T 23
F 24	11 5	7 13	5 10	18 29	2 4	25 37	2 52	7 21	1 20	3 51	1 8	5 51	2 46	13 6	0 21	11 31	1 18	29 0	6 10	17 30	17 42	17 54		n.a.	F 24
S 25	11 27	2 59	4 51	18 58	2 8	25 46	2 53	7 7	1 20	3 56	1 8	5 52	2 45	13 7	0 21	11 30	1 18	29 0	6 10	17 29	17 41	17 53		n.a.	S 25
S 26	11 49	1n28	4 17	19 27	2 12	25 54	2 54	6 52	1 20	4 1	1 8	5 53	2 45	13 9	0 21	11 30	1 18	29 1	6 11	17 29	17 41	17 51		n.a.	S 26
M27	12 10	5 59	3 29	19 54	2 15	26 2	2 55	6 37	1 20	4 6	1 8	5 54	2 45	13 10	0 21	11 29	1 18	29 1	6 11	17 28	17 40	17 50		n.a.	M27
T 28	12 31	10 20	2 28	20 20	2 18	26 9	2 56	6 22	1 21	4 11	1 8	5 55	2 45	13 11	0 21	11 29	1 18	29 1	6 11	17 27	17 39	17 49		n.a.	T 28
W29	12 52	14 14	1 17	20 45	2 20	26 15	2 57	6 8	1 21	4 16	1 8	5 56	2 45	13 12	0 21	11 28	1 18	29 2	6 11	17 27	17 38	17 47		n.a.	W29
T 30	13 13	17 25	0 1	21 9	2 23	26 20	2 57	5 53	1 21	4 21	1 8	5 57	2 44	13 14	0 21	11 28	1 18	29 2	6 12	17 27	17 37	17 46		n.a.	T 30
F 31	13s34	19n35	1s17	21s31	2s24	26s25	2s58	5n38	1n21	4s26	1n 8	5s58	2s44	13s15	0n21	11n28	1n18	29n 2	6n12	17s27	17s36	17s44		n.a.	F 31

Julian Day Number = 1708547.5, Delta T = 03h01m55s
Ecliptic obliquity = 23°41'52, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°32'58, Lahiri = - 4°25'58 Julian Calendar 1 Oct. 36 BCE == Greg. Calendar 29 Sept. 036 BCE

The year -35 astronomical counting style corresponds to year 036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 36 BCE
geocentric

NOVEMBER 36 BCE (-35) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 30 58	6♏42'28	16♊36	26♏15	23♐16	19♍38	13♎58	21°R20	5♏47	3♍45	14°R41	18♏16	18♏45	20♑ 2	n.a.	S 1
S 2	2 34 55	7°43'25	0♋58	27°34	24°22	20°16	14°11	21♓18	5°51	3°46	14♋41	18°17	18°42	20° 9	n.a.	S 2
M 3	2 38 52	8°44'23	15°20	28°52	25°28	20°53	14°23	21°15	5°55	3°48	14°40	18°18	18°39	20°15	n.a.	M 3
T 4	2 42 48	9°45'22	29°36	0♐ 8	26°33	21°31	14°36	21°13	5°59	3°49	14°40	18°18	18°36	20°22	n.a.	T 4
W 5	2 46 45	10°46'23	13♌46	1°21	27°38	22° 8	14°48	21°11	6° 2	3°50	14°39	18°R18	18°32	20°29	n.a.	W 5
T 6	2 50 41	11°47'25	27°47	2°32	28°43	22°46	15° 1	21° 9	6° 6	3°51	14°39	18°18	18°29	20°35	n.a.	T 6
F 7	2 54 38	12°48'29	11♍37	3°40	29°48	23°24	15°13	21° 6	6°10	3°52	14°38	18°18	18°26	20°42	n.a.	F 7
S 8	2 58 34	13°49'33	25°16	4°45	0♑53	24° 1	15°26	21° 4	6°13	3°53	14°38	18°17	18°23	20°49	n.a.	S 8
S 9	3 2 31	14°50'39	8♎42	5°45	1°57	24°39	15°38	21° 3	6°17	3°54	14°37	18°17	18°20	20°56	n.a.	S 9
M10	3 6 27	15°51'46	21°56	6°41	3° 1	25°16	15°51	21° 1	6°21	3°55	14°37	18°16	18°17	21° 2	n.a.	M10
T 11	3 10 24	16°52'53	4♏56	7°32	4° 4	25°54	16° 3	20°59	6°24	3°56	14°36	18°16	18°13	21° 9	n.a.	T 11
W12	3 14 20	17°54'02	17°43	8°17	5° 8	26°31	16°15	20°58	6°28	3°57	14°36	18°16	18°10	21°16	n.a.	W12
T 13	3 18 17	18°55'12	0♐16	8°55	6°11	27° 9	16°27	20°56	6°32	3°58	14°35	18°16	18° 7	21°22	n.a.	T 13
F 14	3 22 14	19°56'22	12°36	9°25	7°14	27°46	16°40	20°55	6°35	3°59	14°34	18°16	18° 4	21°29	n.a.	F 14
S 15	3 26 10	20°57'33	24°45	9°47	8°16	28°24	16°52	20°54	6°39	3°59	14°33	18°16	18° 1	21°36	n.a.	S 15
S 16	3 30 7	21°58'44	6♑45	10° 0	9°18	29° 1	17° 4	20°53	6°43	4° 0	14°33	18°15	17°57	21°43	n.a.	S 16
M17	3 34 3	22°59'56	18°38	10°R 3	10°20	29°39	17°16	20°52	6°46	4° 1	14°32	18°15	17°54	21°49	n.a.	M17
T 18	3 38 0	24° 1'08	0♒29	9°54	11°21	0♎16	17°27	20°51	6°50	4° 2	14°31	18°14	17°51	21°56	n.a.	T 18
W19	3 41 56	25° 2'20	12°21	9°35	12°22	0°54	17°39	20°50	6°53	4° 2	14°30	18°13	17°48	22° 3	n.a.	W19
T 20	3 45 53	26° 3'33	24°19	9° 3	13°22	1°31	17°51	20°49	6°57	4° 3	14°30	18°D13	17°45	22° 9	n.a.	T 20
F 21	3 49 50	27° 4'45	6♓28	8°20	14°22	2° 8	18° 3	20°49	7° 1	4° 4	14°29	18°13	17°42	22°16	n.a.	F 21
S 22	3 53 46	28° 5'58	18°51	7°26	15°22	2°46	18°14	20°48	7° 4	4° 4	14°28	18°14	17°38	22°23	n.a.	S 22
S 23	3 57 43	29° 7'11	1♈35	6°22	16°21	3°23	18°26	20°48	7° 8	4° 5	14°27	18°15	17°35	22°30	n.a.	S 23
M24	4 1 39	0♑ 8'24	14°41	5°10	17°20	4° 1	18°37	20°48	7°11	4° 5	14°26	18°16	17°32	22°36	n.a.	M24
T 25	4 5 36	1° 9'38	28°11	3°52	18°18	4°38	18°49	20°47	7°15	4° 6	14°25	18°17	17°29	22°43	n.a.	T 25
W26	4 9 32	2°10'51	12♉ 7	2°31	19°16	5°15	19° 0	20°D47	7°18	4° 6	14°24	18°R18	17°26	22°50	n.a.	W26
T 27	4 13 29	3°12'05	26°25	1° 8	20°13	5°52	19°11	20°48	7°21	4° 7	14°23	18°18	17°23	22°56	n.a.	T 27
F 28	4 17 25	4°13'18	11♊ 2	29♏48	21° 9	6°30	19°23	20°48	7°25	4° 7	14°22	18°17	17°19	23° 3	n.a.	F 28
S 29	4 21 22	5°14'32	25°50	28°32	22° 5	7° 7	19°34	20°48	7°28	4° 7	14°21	18°15	17°16	23°10	n.a.	S 29
S 30	4 25 19	6♑15'46	10♋42	27♏23	23♑ 1	7♎44	19♎45	20♓49	7♏32	4♍ 8	14♋20	18♏13	17♏13	23♑16	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s54	20n31	2s31	21s52	2s25	26s29	2s58	5n23	1n21	4s31	1n 8	5s59	2s44	13s16	0n21	11n27	1n18	29n 2	6n12	17s27	17s35	17s43		n.a.
S 2	14 14	20 6	3 35	22 12	2 26	26 32	2 58	5 8	1 21	4 36	1 9	5 59	2 44	13 17	0 21	11 27	1 18	29 3	6 12	17 27	17 34	17 42		n.a.
M 3	14 34	18 24	4 26	22 30	2 26	26 35	2 58	4 53	1 21	4 41	1 9	6 0	2 44	13 19	0 21	11 26	1 18	29 3	6 12	17 28	17 34	17 40		n.a.
T 4	14 54	15 33	5 1	22 46	2 26	26 37	2 58	4 38	1 21	4 46	1 9	6 1	2 43	13 20	0 21	11 26	1 19	29 3	6 13	17 28	17 33	17 39		n.a.
W 5	15 13	11 50	5 16	23 0	2 24	26 38	2 58	4 23	1 21	4 51	1 9	6 2	2 43	13 21	0 21	11 26	1 19	29 3	6 13	17 28	17 32	17 38		n.a.
T 6	15 32	7 29	5 13	23 13	2 22	26 39	2 57	4 8	1 21	4 55	1 9	6 2	2 43	13 22	0 21	11 25	1 19	29 4	6 13	17 28	17 31	17 36		n.a.
F 7	15 51	2 48	4 51	23 24	2 20	26 39	2 57	3 53	1 21	5 0	1 9	6 3	2 43	13 24	0 21	11 25	1 19	29 4	6 13	17 28	17 30	17 35		n.a.
S 8	16 10	1s58	4 14	23 33	2 16	26 38	2 56	3 38	1 21	5 5	1 9	6 4	2 42	13 25	0 21	11 25	1 19	29 4	6 14	17 27	17 29	17 33		n.a.
S 9	16 28	6 35	3 22	23 39	2 12	26 36	2 55	3 23	1 21	5 10	1 9	6 4	2 42	13 26	0 21	11 24	1 19	29 5	6 14	17 27	17 28	17 32		n.a.
M10	16 46	10 49	2 21	23 44	2 6	26 34	2 55	3 8	1 21	5 15	1 9	6 5	2 42	13 27	0 21	11 24	1 19	29 5	6 14	17 27	17 27	17 31		n.a.
T 11	17 4	14 27	1 13	23 46	1 59	26 31	2 53	2 53	1 21	5 19	1 9	6 5	2 42	13 29	0 21	11 24	1 19	29 5	6 14	17 27	17 26	17 29		n.a.
W12	17 21	17 21	0 3	23 46	1 52	26 28	2 52	2 38	1 21	5 24	1 9	6 5	2 41	13 30	0 21	11 23	1 19	29 5	6 15	17 27	17 26	17 28		n.a.
T 13	17 38	19 21	1n 6	23 43	1 43	26 24	2 51	2 23	1 21	5 29	1 9	6 6	2 41	13 31	0 21	11 23	1 19	29 6	6 15	17 27	17 25	17 26		n.a.
F 14	17 55	20 23	2 11	23 37	1 32	26 19	2 49	2 8	1 21	5 33	1 9	6 6	2 41	13 32	0 21	11 23	1 19	29 6	6 15	17 27	17 24	17 25		n.a.
S 15	18 11	20 27	3 9	23 29	1 21	26 13	2 47	1 53	1 21	5 38	1 9	6 6	2 41	13 33	0 21	11 23	1 19	29 6	6 15	17 27	17 23	17 23		n.a.
S 16	18 27	19 34	3 58	23 18	1 7	26 7	2 45	1 38	1 21	5 42	1 9	6 6	2 40	13 35	0 21	11 22	1 19	29 7	6 15	17 27	17 22	17 22		n.a.
M17	18 43	17 50	4 36	23 4	0 53	26 0	2 43	1 23	1 21	5 47	1 9	6 7	2 40	13 36	0 21	11 22	1 19	29 7	6 16	17 27	17 21	17 21		n.a.
T 18	18 59	15 21	5 2	22 47	0 37	25 53	2 41	1 7	1 21	5 51	1 9	6 7	2 40	13 37	0 21	11 22	1 19	29 7	6 16	17 27	17 20	17 19		n.a.
W19	19 14	12 14	5 16	22 27	0 20	25 45	2 39	0 52	1 21	5 56	1 9	6 7	2 40	13 38	0 21	11 22	1 19	29 8	6 16	17 26	17 19	17 18		n.a.
T 20	19 29	8 36	5 15	22 4	0 1	25 36	2 36	0 37	1 21	6 0	1 10	6 7	2 39	13 39	0 21	11 22	1 19	29 8	6 16	17 26	17 18	17 16		n.a.
F 21	19 43	4 34	5 1	21 38	0n18	25 27	2 33	0 22	1 21	6 5	1 10	6 7	2 39	13 41	0 21	11 21	1 19	29 8	6 16	17 26	17 17	17 15		n.a.
S 22	19 57	0 16	4 33	21 9	0 38	25 17	2 30	0 7	1 21	6 9	1 10	6 7	2 39	13 42	0 21	11 21	1 19	29 8	6 17	17 27	17 17	17 13		n.a.
S 23	20 11	4n10	3 51	20 39	0 58	25 7	2 27	0s 8	1 21	6 14	1 10	6 7	2 39	13 43	0 21	11 21	1 20	29 9	6 17	17 27	17 16	17 12		n.a.
M24	20 24	8 32	2 56	20 6	1 19	24 56	2 23	0 23	1 21	6 18	1 10	6 6	2 38	13 44	0 21	11 21	1 20	29 9	6 17	17 27	17 15	17 10		n.a.
T 25	20 37	12 38	1 49	19 33	1 38	24 44	2 20	0 38	1 21	6 22	1 10	6 6	2 38	13 45	0 21	11 21	1 20	29 9	6 17	17 27	17 14	17 9		n.a.
W26	20 49	16 11	0 34	18 59	1 56	24 32	2 16	0 53	1 21	6 26	1 10	6 6	2 38	13 46	0 21	11 21	1 20	29 10	6 17	17 28	17 13	17 8		n.a.
T 27	21 1	18 50	0s45	18 27	2 13	24 20	2 12	1 8	1 20	6 31	1 10	6 6	2 38	13 47	0 21	11 21	1 20	29 10	6 18	17 28	17 12	17 6		n.a.
F 28	21 13	20 19	2 2	17 55	2 28	24 7	2 8	1 23	1 20	6 35	1 10	6 5	2 37	13 49	0 21	11 20	1 20	29 10	6 18	17 27	17 11	17 5		n.a.
S 29	21 24	20 25	3 13	17 27	2 40	23 54	2 3	1 38	1 20	6 39	1 10	6 5	2 37	13 50	0 21	11 20	1 20	29 11	6 18	17 27	17 10	17 3		n.a.
S 30	21s35	19n 6	4s10	17s 2	2n50	23s40	1s59	1s53	1n20	6s43	1n10	6s 5	2s37	13s51	0n21	11n20	1n20	29n11	6n18	17s26	17s 9	17s 2		n.a.

Julian Day Number = 1708578.5, Delta T = 03h01m54s
Ecliptic obliquity = 23°41'51, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°32'54, Lahiri = - 4°25'53 Julian Calendar 1 Nov. 36 BCE == Greg. Calendar 30 Oct. 036 BCE

The year -35 astronomical counting style corresponds to year 036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 36 BCE
geocentric

DECEMBER 36 BCE (-35) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 29 15	7♐17'01	25♋30	26°R23	23♑55	8♎21	19♎56	20♓49	7♏35	4♍ 8	14°R19	18°R10	17♏10	23♑23	n.a.	M 1
T 2	4 33 12	8°18'15	10♌ 7	25♏31	24°49	8°59	20° 7	20°50	7°38	4° 8	14♋18	18♏ 8	17° 7	23°30	n.a.	T 2
W 3	4 37 8	9°19'30	24°28	24°50	25°43	9°36	20°17	20°51	7°42	4° 8	14°17	18° 6	17° 3	23°37	n.a.	W 3
T 4	4 41 5	10°20'45	8♍30	24°20	26°35	10°13	20°28	20°52	7°45	4° 8	14°16	18°D 5	17° 0	23°43	n.a.	T 4
F 5	4 45 1	11°22'01	22°13	23°59	27°27	10°50	20°39	20°53	7°48	4° 9	14°15	18° 6	16°57	23°50	n.a.	F 5
S 6	4 48 58	12°23'16	5♎37	23°49	28°19	11°27	20°49	20°54	7°52	4° 9	14°14	18° 7	16°54	23°57	n.a.	S 6
S 7	4 52 54	13°24'32	18°43	23°D48	29° 9	12° 4	21° 0	20°55	7°55	4° 9	14°12	18° 9	16°51	24° 3	n.a.	S 7
M 8	4 56 51	14°25'47	1♏34	23°56	29°59	12°42	21°10	20°56	7°58	4°R 9	14°11	18°10	16°48	24°10	n.a.	M 8
T 9	5 0 48	15°27'03	14°12	24°12	0♒48	13°19	21°20	20°58	8° 1	4° 9	14°10	18°R11	16°44	24°17	n.a.	T 9
W10	5 4 44	16°28'18	26°39	24°35	1°35	13°56	21°30	20°59	8° 4	4° 9	14° 9	18°11	16°41	24°24	n.a.	W10
T 11	5 8 41	17°29'33	8♐56	25° 5	2°22	14°33	21°40	21° 1	8° 7	4° 9	14° 8	18° 9	16°38	24°30	n.a.	T 11
F 12	5 12 37	18°30'48	21° 5	25°41	3° 8	15°10	21°50	21° 3	8°10	4° 9	14° 6	18° 6	16°35	24°37	n.a.	F 12
S 13	5 16 34	19°32'03	3♑ 6	26°22	3°53	15°47	22° 0	21° 5	8°13	4° 8	14° 5	18° 1	16°32	24°44	n.a.	S 13
S 14	5 20 30	20°33'17	15° 2	27° 8	4°37	16°24	22°10	21° 7	8°16	4° 8	14° 4	17°55	16°29	24°50	n.a.	S 14
M15	5 24 27	21°34'30	26°55	27°58	5°20	17° 0	22°19	21° 9	8°19	4° 8	14° 3	17°48	16°25	24°57	n.a.	M15
T 16	5 28 24	22°35'43	8♒45	28°53	6° 2	17°37	22°29	21°11	8°22	4° 8	14° 1	17°42	16°22	25° 4	n.a.	T 16
W17	5 32 20	23°36'55	20°37	29°51	6°43	18°14	22°38	21°13	8°25	4° 8	14° 0	17°36	16°19	25°11	n.a.	W17
T 18	5 36 17	24°38'06	2♓34	0♐52	7°22	18°51	22°48	21°16	8°28	4° 7	13°59	17°32	16°16	25°17	n.a.	T 18
F 19	5 40 13	25°39'16	14°39	1°55	8° 0	19°28	22°57	21°18	8°31	4° 7	13°57	17°30	16°13	25°24	n.a.	F 19
S 20	5 44 10	26°40'25	26°58	3° 2	8°37	20° 5	23° 6	21°21	8°34	4° 6	13°56	17°D29	16° 9	25°31	n.a.	S 20
S 21	5 48 6	27°41'33	9♈34	4°10	9°12	20°41	23°15	21°24	8°36	4° 6	13°55	17°30	16° 6	25°37	n.a.	S 21
M22	5 52 3	28°42'40	22°33	5°21	9°46	21°18	23°23	21°26	8°39	4° 6	13°53	17°31	16° 3	25°44	n.a.	M22
T 23	5 55 59	29°43'46	5♉57	6°33	10°19	21°55	23°32	21°29	8°42	4° 5	13°52	17°32	16° 0	25°51	n.a.	T 23
W24	5 59 56	0♑44'51	19°51	7°48	10°49	22°31	23°41	21°32	8°44	4° 5	13°51	17°R33	15°57	25°58	n.a.	W24
T 25	6 3 53	1°45'55	4♊12	9° 4	11°19	23° 8	23°49	21°36	8°47	4° 4	13°49	17°32	15°54	26° 4	n.a.	T 25
F 26	6 7 49	2°46'58	18°58	10°21	11°46	23°44	23°58	21°39	8°50	4° 4	13°48	17°28	15°50	26°11	n.a.	F 26
S 27	6 11 46	3°48'00	4♋ 3	11°40	12°12	24°21	24° 6	21°42	8°52	4° 3	13°47	17°23	15°47	26°18	n.a.	S 27
S 28	6 15 42	4°49'01	19°18	13° 0	12°36	24°57	24°14	21°46	8°55	4° 2	13°45	17°16	15°44	26°24	n.a.	S 28
M29	6 19 39	5°50'01	4♌31	14°21	12°58	25°34	24°22	21°49	8°57	4° 2	13°44	17° 8	15°41	26°31	n.a.	M29
T 30	6 23 35	6°51'00	19°32	15°43	13°18	26°10	24°30	21°53	8°59	4° 1	13°43	17° 1	15°38	26°38	n.a.	T 30
W31	6 27 32	7♑51'59	4♍13	17♐ 6	13♒36	26♎47	24♎37	21♓57	9♏ 2	4♍ 0	13♋41	16♏55	15♏35	26♑45	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	21s46	16n30	4s51	16s40	2n58	23s25	1s54	2s 7	1n20	6s47	1n11	6s 4	2s36	13s52	0n21	11n20	1n20	29n11	6n18	17s26	17s 8	17s 0			n.a.
T 2	21 56	12 53	5 12	16 23	3 3	23 11	1 49	2 22	1 20	6 51	1 11	6 4	2 36	13 53	0 21	11 20	1 20	29 11	6 19	17 25	17 8	16 59			n.a.
W 3	22 5	8 35	5 13	16 10	3 6	22 56	1 44	2 37	1 20	6 55	1 11	6 3	2 36	13 54	0 21	11 20	1 20	29 12	6 19	17 24	17 7	16 57			n.a.
T 4	22 14	3 54	4 56	16 1	3 8	22 40	1 38	2 52	1 20	6 59	1 11	6 2	2 36	13 55	0 21	11 20	1 20	29 12	6 19	17 24	17 6	16 56			n.a.
F 5	22 23	0s52	4 21	15 57	3 7	22 24	1 32	3 7	1 20	7 3	1 11	6 2	2 35	13 56	0 21	11 20	1 20	29 12	6 19	17 24	17 5	16 54			n.a.
S 6	22 31	5 31	3 33	15 56	3 5	22 8	1 27	3 22	1 20	7 7	1 11	6 1	2 35	13 57	0 21	11 20	1 20	29 13	6 19	17 25	17 4	16 53			n.a.
S 7	22 39	9 48	2 35	15 59	3 2	21 51	1 20	3 36	1 20	7 11	1 11	6 0	2 35	13 58	0 21	11 20	1 20	29 13	6 19	17 25	17 3	16 51			n.a.
M 8	22 47	13 33	1 30	16 6	2 57	21 35	1 14	3 51	1 19	7 15	1 11	6 0	2 35	13 59	0 21	11 20	1 20	29 13	6 20	17 26	17 2	16 50			n.a.
T 9	22 54	16 37	0 22	16 15	2 52	21 17	1 7	4 6	1 19	7 18	1 11	5 59	2 34	14 0	0 21	11 20	1 20	29 14	6 20	17 26	17 1	16 48			n.a.
W10	23 0	18 52	0n46	16 26	2 46	21 0	1 0	4 20	1 19	7 22	1 12	5 58	2 34	14 1	0 21	11 20	1 20	29 14	6 20	17 26	17 0	16 47			n.a.
T 11	23 6	20 12	1 51	16 40	2 39	20 42	0 53	4 35	1 19	7 26	1 12	5 57	2 34	14 2	0 21	11 21	1 21	29 14	6 20	17 25	16 59	16 45			n.a.
F 12	23 12	20 34	2 50	16 56	2 31	20 24	0 46	4 49	1 19	7 29	1 12	5 56	2 33	14 3	0 21	11 21	1 21	29 14	6 20	17 24	16 58	16 44			n.a.
S 13	23 17	19 59	3 41	17 13	2 24	20 6	0 38	5 4	1 19	7 33	1 12	5 55	2 33	14 4	0 21	11 21	1 21	29 15	6 20	17 23	16 57	16 42			n.a.
S 14	23 21	18 30	4 22	17 32	2 15	19 48	0 30	5 18	1 19	7 37	1 12	5 54	2 33	14 5	0 21	11 21	1 21	29 15	6 21	17 21	16 57	16 41			n.a.
M15	23 26	16 15	4 51	17 51	2 7	19 29	0 22	5 33	1 18	7 40	1 12	5 53	2 33	14 6	0 21	11 21	1 21	29 15	6 21	17 19	16 56	16 39			n.a.
T 16	23 29	13 19	5 7	18 12	1 58	19 11	0 13	5 47	1 18	7 43	1 12	5 52	2 32	14 7	0 21	11 21	1 21	29 16	6 21	17 18	16 55	16 38			n.a.
W17	23 32	9 52	5 10	18 33	1 50	18 52	0 5	6 1	1 18	7 47	1 12	5 51	2 32	14 8	0 21	11 21	1 21	29 16	6 21	17 16	16 54	16 36			n.a.
T 18	23 35	6 0	5 0	18 54	1 41	18 33	0n 4	6 16	1 18	7 50	1 13	5 49	2 32	14 9	0 21	11 21	1 21	29 16	6 21	17 15	16 53	16 35			n.a.
F 19	23 37	1 51	4 37	19 16	1 32	18 15	0 14	6 30	1 18	7 53	1 13	5 48	2 32	14 10	0 21	11 22	1 21	29 16	6 21	17 14	16 52	16 33			n.a.
S 20	23 39	2n27	4 0	19 38	1 23	17 56	0 23	6 44	1 18	7 57	1 13	5 47	2 31	14 11	0 21	11 22	1 21	29 17	6 21	17 14	16 51	16 32			n.a.
S 21	23 41	6 45	3 11	20 0	1 14	17 37	0 33	6 58	1 17	8 0	1 13	5 45	2 31	14 12	0 21	11 22	1 21	29 17	6 22	17 14	16 50	16 30			n.a.
M22	23 41	10 54	2 12	20 21	1 5	17 18	0 43	7 12	1 17	8 3	1 13	5 44	2 31	14 13	0 21	11 22	1 21	29 17	6 22	17 14	16 49	16 29			n.a.
T 23	23 42	14 38	1 2	20 43	0 56	16 59	0 54	7 26	1 17	8 6	1 13	5 43	2 31	14 14	0 21	11 22	1 21	29 18	6 22	17 15	16 48	16 27			n.a.
W24	23 42	17 41	0s12	21 4	0 48	16 41	1 4	7 40	1 17	8 9	1 13	5 41	2 30	14 14	0 21	11 23	1 21	29 18	6 22	17 15	16 47	16 26			n.a.
T 25	23 41	19 45	1 29	21 24	0 39	16 22	1 15	7 54	1 17	8 12	1 14	5 40	2 30	14 15	0 21	11 23	1 21	29 18	6 22	17 15	16 46	16 24			n.a.
F 26	23 40	20 33	2 42	21 44	0 31	16 4	1 26	8 8	1 16	8 15	1 14	5 38	2 30	14 16	0 21	11 23	1 21	29 18	6 22	17 14	16 45	16 23			n.a.
S 27	23 39	19 54	3 44	22 4	0 22	15 45	1 38	8 22	1 16	8 18	1 14	5 37	2 30	14 17	0 21	11 23	1 21	29 19	6 22	17 12	16 45	16 21			n.a.
S 28	23 37	17 48	4 32	22 22	0 14	15 27	1 50	8 35	1 16	8 21	1 14	5 35	2 29	14 18	0 21	11 24	1 21	29 19	6 22	17 10	16 44	16 20			n.a.
M29	23 34	14 29	5 0	22 40	0 6	15 10	2 2	8 49	1 16	8 24	1 14	5 33	2 29	14 18	0 21	11 24	1 21	29 19	6 22	17 8	16 43	16 18			n.a.
T 30	23 31	10 16	5 7	22 57	0s 2	14 52	2 14	9 3	1 15	8 26	1 14	5 32	2 29	14 19	0 21	11 24	1 22	29 19	6 23	17 6	16 42	16 17			n.a.
W31	23s28	5n31	4s53	23s14	0s10	14s35	2n26	9s16	1n15	8s29	1n14	5s30	2s29	14s20	0n21	11n25	1n22	29n20	6n23	17s 4	16s41	16s15			n.a.

Julian Day Number = 1708608.5, Delta T = 03h01m53s
Ecliptic obliquity = 23°41'51, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°32'50, Lahiri = - 4°25'49 Julian Calendar 1 Dec. 36 BCE == Greg. Calendar 29 Nov. 036 BCE

The year -35 astronomical counting style corresponds to year 036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 35 BCE
geocentric

JANUARY 35 BCE (-34) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 31 28	8♉52'56	18♍28	18♐30	13♒52	27♎23	24♎45	22♓ 0	9♏ 4	3°R59	13°R40	16°R51	15♏31	26♉51	n.a.	T 1
F 2	6 35 25	9°53'52	2♎17	19°56	14° 6	27°59	24°52	22° 4	9° 6	3♍59	13♋38	16♏49	15°28	26°58	n.a.	F 2
S 3	6 39 22	10°54'48	15°39	21°22	14°18	28°36	24°59	22° 8	9° 9	3°58	13°37	16°D48	15°25	27° 5	n.a.	S 3
S 4	6 43 18	11°55'43	28°39	22°49	14°28	29°12	25° 7	22°12	9°11	3°57	13°36	16°49	15°22	27°12	n.a.	S 4
M 5	6 47 15	12°56'36	11♏19	24°17	14°35	29°48	25°14	22°17	9°13	3°56	13°34	16°R50	15°19	27°18	n.a.	M 5
T 6	6 51 11	13°57'29	23°43	25°46	14°40	0♏24	25°20	22°21	9°15	3°55	13°33	16°50	15°15	27°25	n.a.	T 6
W 7	6 55 8	14°58'21	5♐55	27°15	14°42	1° 0	25°27	22°25	9°17	3°54	13°31	16°48	15°12	27°32	n.a.	W 7
T 8	6 59 4	15°59'11	18° 0	28°46	14°R42	1°36	25°34	22°30	9°19	3°53	13°30	16°43	15° 9	27°38	n.a.	T 8
F 9	7 3 1	17° 0'01	29°58	0♑17	14°40	2°12	25°40	22°34	9°21	3°52	13°28	16°36	15° 6	27°45	n.a.	F 9
S 10	7 6 57	18° 0'49	11♑53	1°49	14°35	2°48	25°46	22°39	9°23	3°51	13°27	16°26	15° 3	27°52	n.a.	S 10
S 11	7 10 54	19° 1'35	23°45	3°22	14°27	3°24	25°52	22°44	9°25	3°50	13°26	16°14	15° 0	27°59	n.a.	S 11
M12	7 14 51	20° 2'20	5♒37	4°55	14°17	4° 0	25°58	22°49	9°27	3°49	13°24	16° 1	14°56	28° 5	n.a.	M12
T 13	7 18 47	21° 3'03	17°29	6°30	14° 5	4°36	26° 4	22°53	9°28	3°48	13°23	15°48	14°53	28°12	n.a.	T 13
W14	7 22 44	22° 3'45	29°24	8° 5	13°50	5°12	26°10	22°58	9°30	3°47	13°22	15°36	14°50	28°19	n.a.	W14
T 15	7 26 40	23° 4'25	11♓23	9°41	13°32	5°47	26°15	23° 3	9°32	3°46	13°20	15°27	14°47	28°25	n.a.	T 15
F 16	7 30 37	24° 5'04	23°29	11°18	13°12	6°23	26°20	23° 9	9°33	3°45	13°19	15°20	14°44	28°32	n.a.	F 16
S 17	7 34 33	25° 5'40	5♈46	12°56	12°50	6°59	26°25	23°14	9°35	3°43	13°17	15°16	14°41	28°39	n.a.	S 17
S 18	7 38 30	26° 6'14	18°18	14°35	12°26	7°34	26°30	23°19	9°37	3°42	13°16	15°14	14°37	28°46	n.a.	S 18
M19	7 42 26	27° 6'47	1♉10	16°14	11°59	8°10	26°35	23°24	9°38	3°41	13°15	15°D14	14°34	28°52	n.a.	M19
T 20	7 46 23	28° 7'18	14°25	17°55	11°30	8°45	26°40	23°30	9°39	3°40	13°13	15°R14	14°31	28°59	n.a.	T 20
W21	7 50 20	29° 7'47	28° 7	19°36	11° 0	9°20	26°44	23°35	9°41	3°39	13°12	15°13	14°28	29° 6	n.a.	W21
T 22	7 54 16	0♒ 8'13	12♊18	21°18	10°27	9°56	26°49	23°41	9°42	3°37	13°11	15°11	14°25	29°12	n.a.	T 22
F 23	7 58 13	1° 8'38	26°58	23° 1	9°54	10°31	26°53	23°47	9°43	3°36	13° 9	15° 6	14°21	29°19	n.a.	F 23
S 24	8 2 9	2° 9'01	12♋ 0	24°45	9°19	11° 6	26°57	23°52	9°45	3°35	13° 8	14°58	14°18	29°26	n.a.	S 24
S 25	8 6 6	3° 9'22	27°18	26°31	8°42	11°41	27° 0	23°58	9°46	3°33	13° 7	14°48	14°15	29°33	n.a.	S 25
M26	8 10 2	4° 9'41	12♌41	28°17	8° 5	12°16	27° 4	24° 4	9°47	3°32	13° 5	14°37	14°12	29°39	n.a.	M26
T 27	8 13 59	5° 9'58	27°55	0♒ 4	7°28	12°51	27° 8	24°10	9°48	3°30	13° 4	14°26	14° 9	29°46	n.a.	T 27
W28	8 17 55	6°10'14	12♍52	1°52	6°50	13°26	27°11	24°16	9°49	3°29	13° 3	14°16	14° 6	29°53	n.a.	W28
T 29	8 21 52	7°10'28	27°22	3°41	6°12	14° 1	27°14	24°22	9°50	3°28	13° 1	14° 9	14° 2	29°59	n.a.	T 29
F 30	8 25 49	8°10'40	11♎23	5°31	5°35	14°36	27°17	24°28	9°51	3°26	13° 0	14° 4	13°59	0♒ 6	n.a.	F 30
S 31	8 29 45	9♒10'50	24♎54	7♒22	4♒58	15♏10	27♎19	24♓34	9♏52	3♍25	12♋59	14♏ 2	13♏56	0♒13	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23s24	0n36	4s22	23s29	0s17	14s18	2n39	9s29	1n15	8s32	1n15	5s28	2s28	14s21	0n21	11n25	1n22	29n20	6n23	17s 3	16s40	16s14			n.a.
F 2	23 19	4s13	3 36	23 43	0 25	14 2	2 52	9 43	1 14	8 34	1 15	5 26	2 28	14 21	0 21	11 25	1 22	29 20	6 23	17 2	16 39	16 12			n.a.
S 3	23 15	8 40	2 39	23 57	0 32	13 46	3 5	9 56	1 14	8 37	1 15	5 25	2 28	14 22	0 21	11 26	1 22	29 20	6 23	17 2	16 38	16 10			n.a.
S 4	23 9	12 36	1 36	24 9	0 39	13 30	3 19	10 9	1 14	8 39	1 15	5 23	2 28	14 23	0 21	11 26	1 22	29 21	6 23	17 3	16 37	16 9			n.a.
M 5	23 4	15 51	0 30	24 20	0 46	13 15	3 33	10 23	1 14	8 42	1 15	5 21	2 27	14 24	0 21	11 26	1 22	29 21	6 23	17 3	16 36	16 7			n.a.
T 6	22 57	18 19	0n37	24 30	0 52	13 0	3 46	10 36	1 13	8 44	1 15	5 19	2 27	14 24	0 21	11 27	1 22	29 21	6 23	17 3	16 35	16 6			n.a.
W 7	22 51	19 53	1 40	24 39	0 59	12 46	4 0	10 49	1 13	8 46	1 16	5 17	2 27	14 25	0 21	11 27	1 22	29 21	6 23	17 2	16 34	16 4			n.a.
T 8	22 44	20 31	2 39	24 46	1 5	12 33	4 14	11 2	1 13	8 49	1 16	5 15	2 27	14 26	0 21	11 28	1 22	29 21	6 23	17 1	16 33	16 3			n.a.
F 9	22 36	20 13	3 29	24 52	1 11	12 20	4 28	11 14	1 12	8 51	1 16	5 13	2 26	14 26	0 21	11 28	1 22	29 22	6 23	16 59	16 32	16 1			n.a.
S 10	22 28	19 1	4 10	24 57	1 16	12 8	4 43	11 27	1 12	8 53	1 16	5 11	2 26	14 27	0 21	11 28	1 22	29 22	6 23	16 56	16 31	16 0			n.a.
S 11	22 20	16 59	4 40	25 1	1 22	11 56	4 57	11 40	1 11	8 55	1 16	5 9	2 26	14 27	0 21	11 29	1 22	29 22	6 23	16 52	16 31	15 58			n.a.
M12	22 11	14 16	4 57	25 3	1 27	11 46	5 11	11 52	1 11	8 57	1 16	5 7	2 26	14 28	0 21	11 29	1 22	29 22	6 24	16 49	16 30	15 56			n.a.
T 13	22 2	10 58	5 2	25 3	1 31	11 36	5 25	12 5	1 11	8 59	1 17	5 5	2 26	14 28	0 21	11 30	1 22	29 23	6 24	16 45	16 29	15 55			n.a.
W14	21 52	7 13	4 54	25 3	1 36	11 27	5 39	12 17	1 10	9 1	1 17	5 2	2 25	14 29	0 21	11 30	1 22	29 23	6 24	16 41	16 28	15 53			n.a.
T 15	21 42	3 11	4 32	25 0	1 40	11 18	5 53	12 30	1 10	9 3	1 17	5 0	2 25	14 30	0 21	11 31	1 22	29 23	6 24	16 39	16 27	15 52			n.a.
F 16	21 32	1n 2	3 59	24 56	1 44	11 11	6 6	12 42	1 10	9 4	1 17	4 58	2 25	14 30	0 21	11 31	1 22	29 23	6 24	16 36	16 26	15 50			n.a.
S 17	21 21	5 16	3 13	24 51	1 47	11 5	6 19	12 54	1 9	9 6	1 17	4 56	2 25	14 31	0 21	11 31	1 22	29 23	6 24	16 35	16 25	15 49			n.a.
S 18	21 9	9 22	2 18	24 43	1 51	10 59	6 32	13 6	1 9	9 8	1 18	4 53	2 25	14 31	0 21	11 32	1 22	29 23	6 24	16 35	16 24	15 47			n.a.
M19	20 58	13 9	1 14	24 35	1 54	10 54	6 44	13 18	1 8	9 9	1 18	4 51	2 24	14 31	0 21	11 32	1 22	29 24	6 24	16 35	16 23	15 45			n.a.
T 20	20 46	16 24	0 4	24 24	1 56	10 51	6 56	13 30	1 8	9 11	1 18	4 49	2 24	14 32	0 21	11 33	1 22	29 24	6 24	16 35	16 22	15 44			n.a.
W21	20 33	18 51	1s 8	24 12	1 58	10 48	7 8	13 42	1 7	9 12	1 18	4 46	2 24	14 32	0 21	11 33	1 22	29 24	6 24	16 35	16 21	15 42			n.a.
T 22	20 20	20 14	2 18	23 58	2 0	10 46	7 19	13 54	1 7	9 14	1 18	4 44	2 24	14 33	0 21	11 34	1 23	29 24	6 24	16 34	16 20	15 41			n.a.
F 23	20 7	20 18	3 22	23 42	2 1	10 45	7 29	14 5	1 6	9 15	1 18	4 41	2 24	14 33	0 21	11 34	1 23	29 24	6 24	16 32	16 19	15 39			n.a.
S 24	19 54	18 57	4 13	23 25	2 2	10 45	7 38	14 17	1 6	9 16	1 19	4 39	2 23	14 34	0 21	11 35	1 23	29 24	6 24	16 30	16 18	15 37			n.a.
S 25	19 40	16 14	4 47	23 5	2 3	10 46	7 47	14 28	1 5	9 18	1 19	4 36	2 23	14 34	0 21	11 36	1 23	29 25	6 24	16 27	16 17	15 36			n.a.
M26	19 25	12 23	5 0	22 44	2 3	10 48	7 54	14 39	1 5	9 19	1 19	4 34	2 23	14 34	0 21	11 36	1 23	29 25	6 24	16 24	16 16	15 34			n.a.
T 27	19 11	7 45	4 52	22 21	2 3	10 50	8 1	14 51	1 4	9 20	1 19	4 31	2 23	14 35	0 21	11 37	1 23	29 25	6 24	16 20	16 15	15 33			n.a.
W28	18 56	2 44	4 24	21 56	2 2	10 54	8 7	15 2	1 4	9 21	1 19	4 29	2 23	14 35	0 21	11 37	1 23	29 25	6 24	16 18	16 14	15 31			n.a.
T 29	18 41	2s18	3 40	21 29	2 1	10 58	8 12	15 13	1 3	9 22	1 20	4 26	2 23	14 35	0 21	11 38	1 23	29 25	6 24	16 15	16 13	15 29			n.a.
F 30	18 25	7 3	2 43	21 1	1 59	11 3	8 17	15 24	1 2	9 23	1 20	4 24	2 22	14 35	0 21	11 38	1 23	29 25	6 24	16 14	16 12	15 28			n.a.
S 31	18s 9	11s17	1s39	20s30	1s57	11s 9	8n20	15s35	1n 2	9s23	1n20	4s21	2s22	14s36	0n21	11n39	1n23	29n25	6n24	16s13	16s12	15s26			n.a.

Julian Day Number = 1708639.5, Delta T = 03h01m52s
Ecliptic obliquity = 23°41'50, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°32'46, Lahiri = - 4°25'45 Julian Calendar 1 Jan. 35 BCE == Greg. Calendar 30 Dec. 036 BCE

The year -34 astronomical counting style corresponds to year 035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 35 BCE
geocentric

FEBRUARY 35 BCE (-34) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 33 42	10♒10'59	7♏57	9♒14	4°R21	15♏45	27♎22	24♓40	9♏52	3°R23	12°R58	14°R 2	13♏53	0♒20	n.a.	S 1
M 2	8 37 38	11°11'07	20°36	11° 7	3♒46	16°20	27°24	24°47	9°53	3♍22	12♋57	14♏ 2	13°50	0°26	n.a.	M 2
T 3	8 41 35	12°11'12	2♐57	13° 1	3°12	16°54	27°27	24°53	9°54	3°20	12°55	14° 1	13°47	0°33	n.a.	T 3
W 4	8 45 31	13°11'16	15° 4	14°55	2°39	17°28	27°29	24°59	9°54	3°19	12°54	13°58	13°43	0°40	n.a.	W 4
T 5	8 49 28	14°11'18	27° 2	16°51	2° 8	18° 3	27°30	25° 6	9°55	3°17	12°53	13°53	13°40	0°47	n.a.	T 5
F 6	8 53 24	15°11'19	8♑55	18°47	1°39	18°37	27°32	25°12	9°56	3°16	12°52	13°44	13°37	0°53	n.a.	F 6
S 7	8 57 21	16°11'17	20°46	20°44	1°11	19°11	27°33	25°19	9°56	3°14	12°51	13°33	13°34	1° 0	n.a.	S 7
S 8	9 1 18	17°11'14	2♒37	22°41	0°46	19°45	27°35	25°25	9°56	3°12	12°50	13°19	13°31	1° 7	n.a.	S 8
M 9	9 5 14	18°11'09	14°30	24°38	0°23	20°19	27°36	25°32	9°57	3°11	12°48	13° 5	13°27	1°13	n.a.	M 9
T 10	9 9 11	19°11'01	26°26	26°36	0° 2	20°53	27°37	25°39	9°57	3° 9	12°47	12°50	13°24	1°20	n.a.	T 10
W11	9 13 7	20°10'52	8♓27	28°33	29♑43	21°27	27°37	25°46	9°57	3° 8	12°46	12°36	13°21	1°27	n.a.	W11
T 12	9 17 4	21°10'40	20°34	0♓30	29°27	22° 0	27°38	25°52	9°58	3° 6	12°45	12°25	13°18	1°34	n.a.	T 12
F 13	9 21 0	22°10'26	2♈49	2°27	29°13	22°34	27°38	25°59	9°58	3° 4	12°44	12°17	13°15	1°40	n.a.	F 13
S 14	9 24 57	23°10'10	15°12	4°22	29° 2	23° 7	27°R38	26° 6	9°58	3° 3	12°43	12°11	13°12	1°47	n.a.	S 14
S 15	9 28 53	24° 9'52	27°49	6°16	28°53	23°41	27°38	26°13	9°R58	3° 1	12°42	12° 9	13° 8	1°54	n.a.	S 15
M16	9 32 50	25° 9'31	10♉41	8° 9	28°46	24°14	27°38	26°20	9°58	3° 0	12°41	12°D 8	13° 5	2° 0	n.a.	M16
T 17	9 36 47	26° 9'08	23°52	9°59	28°42	24°47	27°37	26°27	9°58	2°58	12°40	12°R 8	13° 2	2° 7	n.a.	T 17
W18	9 40 43	27° 8'42	7♊26	11°46	28°D41	25°20	27°37	26°34	9°58	2°56	12°39	12° 8	12°59	2°14	n.a.	W18
T 19	9 44 40	28° 8'14	21°25	13°31	28°42	25°53	27°36	26°41	9°57	2°55	12°38	12° 6	12°56	2°21	n.a.	T 19
F 20	9 48 36	29° 7'44	5♋48	15°12	28°45	26°26	27°35	26°48	9°57	2°53	12°37	12° 2	12°52	2°27	n.a.	F 20
S 21	9 52 33	0♓ 7'11	20°35	16°49	28°50	26°58	27°34	26°56	9°57	2°51	12°37	11°55	12°49	2°34	n.a.	S 21
S 22	9 56 29	1° 6'36	5♌38	18°22	28°58	27°31	27°32	27° 3	9°57	2°50	12°36	11°46	12°46	2°41	n.a.	S 22
M23	10 0 26	2° 5'59	20°50	19°49	29° 8	28° 3	27°31	27°10	9°56	2°48	12°35	11°36	12°43	2°48	n.a.	M23
T 24	10 4 22	3° 5'19	5♍59	21°12	29°20	28°36	27°29	27°17	9°56	2°46	12°34	11°25	12°40	2°54	n.a.	T 24
W25	10 8 19	4° 4'37	20°55	22°29	29°34	29° 8	27°27	27°25	9°55	2°45	12°33	11°16	12°37	3° 1	n.a.	W25
T 26	10 12 15	5° 3'53	5♎30	23°40	29°51	29°40	27°25	27°32	9°55	2°43	12°32	11° 9	12°33	3° 8	n.a.	T 26
F 27	10 16 12	6° 3'07	19°38	24°44	0♒ 9	0♐12	27°23	27°39	9°54	2°41	12°32	11° 5	12°30	3°14	n.a.	F 27
S 28	10 20 9	7♓ 2'20	3♏16	25♓42	0♒29	0♐43	27♎20	27♓47	9♏54	2♍40	12♋31	11♏ 3	12♏27	3♒21	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	17s53	14s49	0s32	19s58	1s54	11s15	8n22	15s45	1n 1	9s24	1n20	4s18	2s22	14s36	0n21	11n39	1n23	29n26	6n24	16s13	16s11	15s25			n.a.
M 2	17 36	17 32	0n35	19 23	1 50	11 22	8 23	15 56	1 1	9 25	1 20	4 16	2 22	14 36	0 21	11 40	1 23	29 26	6 24	16 13	16 10	15 23			n.a.
T 3	17 20	19 22	1 38	18 47	1 46	11 29	8 24	16 6	1 0	9 25	1 21	4 13	2 22	14 36	0 21	11 41	1 23	29 26	6 24	16 13	16 9	15 21			n.a.
W 4	17 2	20 16	2 36	18 9	1 42	11 37	8 23	16 17	0 59	9 26	1 21	4 10	2 22	14 37	0 21	11 41	1 23	29 26	6 24	16 12	16 8	15 20			n.a.
T 5	16 45	20 14	3 26	17 29	1 37	11 45	8 22	16 27	0 59	9 26	1 21	4 8	2 21	14 37	0 21	11 42	1 23	29 26	6 24	16 11	16 7	15 18			n.a.
F 6	16 27	19 17	4 7	16 48	1 31	11 53	8 19	16 37	0 58	9 27	1 21	4 5	2 21	14 37	0 21	11 42	1 23	29 26	6 24	16 8	16 6	15 17			n.a.
S 7	16 9	17 31	4 36	16 4	1 25	12 2	8 16	16 48	0 57	9 27	1 21	4 2	2 21	14 37	0 21	11 43	1 23	29 26	6 24	16 4	16 5	15 15			n.a.
S 8	15 51	15 1	4 54	15 20	1 18	12 11	8 12	16 57	0 56	9 27	1 22	3 59	2 21	14 37	0 21	11 44	1 23	29 26	6 24	16 0	16 4	15 13			n.a.
M 9	15 33	11 53	4 59	14 33	1 10	12 20	8 8	17 7	0 56	9 28	1 22	3 57	2 21	14 37	0 21	11 44	1 23	29 26	6 24	15 56	16 3	15 12			n.a.
T 10	15 14	8 17	4 51	13 45	1 2	12 30	8 3	17 17	0 55	9 28	1 22	3 54	2 21	14 37	0 21	11 45	1 23	29 26	6 24	15 51	16 2	15 10			n.a.
W11	14 55	4 19	4 30	12 56	0 53	12 39	7 57	17 27	0 54	9 28	1 22	3 51	2 21	14 37	0 21	11 45	1 23	29 27	6 24	15 47	16 1	15 8			n.a.
T 12	14 36	0 9	3 57	12 6	0 44	12 49	7 51	17 36	0 53	9 28	1 22	3 48	2 20	14 37	0 21	11 46	1 23	29 27	6 24	15 44	16 0	15 7			n.a.
F 13	14 16	4n 3	3 12	11 14	0 34	12 58	7 44	17 46	0 53	9 28	1 22	3 45	2 20	14 38	0 21	11 47	1 23	29 27	6 24	15 41	15 59	15 5			n.a.
S 14	13 56	8 9	2 17	10 22	0 23	13 8	7 36	17 55	0 52	9 28	1 23	3 42	2 20	14 38	0 21	11 47	1 23	29 27	6 24	15 40	15 58	15 4			n.a.
S 15	13 37	11 58	1 15	9 30	0 12	13 17	7 28	18 4	0 51	9 27	1 23	3 39	2 20	14 38	0 21	11 48	1 23	29 27	6 24	15 39	15 57	15 2			n.a.
M16	13 16	15 19	0 8	8 37	0 0	13 27	7 20	18 13	0 50	9 27	1 23	3 37	2 20	14 38	0 21	11 48	1 23	29 27	6 24	15 38	15 56	15 0			n.a.
T 17	12 56	17 57	1s 2	7 44	0n12	13 36	7 12	18 22	0 49	9 27	1 23	3 34	2 20	14 37	0 21	11 49	1 23	29 27	6 24	15 39	15 55	14 59			n.a.
W18	12 36	19 39	2 10	6 51	0 24	13 45	7 3	18 31	0 48	9 26	1 23	3 31	2 20	14 37	0 21	11 50	1 23	29 27	6 24	15 38	15 54	14 57			n.a.
T 19	12 15	20 13	3 12	5 59	0 37	13 53	6 54	18 40	0 47	9 26	1 24	3 28	2 20	14 37	0 21	11 50	1 23	29 27	6 23	15 38	15 53	14 55			n.a.
F 20	11 54	19 30	4 4	5 8	0 49	14 2	6 44	18 49	0 46	9 25	1 24	3 25	2 20	14 37	0 21	11 51	1 23	29 27	6 23	15 37	15 52	14 54			n.a.
S 21	11 33	17 28	4 41	4 18	1 2	14 10	6 35	18 57	0 45	9 25	1 24	3 22	2 19	14 37	0 21	11 51	1 23	29 27	6 23	15 34	15 51	14 52			n.a.
S 22	11 12	14 13	5 0	3 30	1 16	14 18	6 25	19 6	0 44	9 24	1 24	3 19	2 19	14 37	0 21	11 52	1 23	29 27	6 23	15 32	15 50	14 50			n.a.
M23	10 50	10 0	4 58	2 43	1 28	14 26	6 15	19 14	0 43	9 23	1 24	3 16	2 19	14 37	0 21	11 53	1 23	29 27	6 23	15 28	15 49	14 49			n.a.
T 24	10 29	5 9	4 35	1 59	1 41	14 33	6 6	19 22	0 42	9 23	1 24	3 13	2 19	14 37	0 21	11 53	1 23	29 27	6 23	15 25	15 48	14 47			n.a.
W25	10 7	0 4	3 53	1 17	1 54	14 40	5 56	19 30	0 41	9 22	1 25	3 10	2 19	14 37	0 21	11 54	1 23	29 27	6 23	15 22	15 47	14 45			n.a.
T 26	9 45	4s55	2 57	0 37	2 6	14 46	5 46	19 38	0 40	9 21	1 25	3 7	2 19	14 36	0 21	11 55	1 23	29 27	6 23	15 20	15 46	14 44			n.a.
F 27	9 23	9 29	1 51	0 0	2 18	14 52	5 36	19 46	0 39	9 20	1 25	3 4	2 19	14 36	0 21	11 55	1 23	29 27	6 23	15 19	15 45	14 42			n.a.
S 28	9s 1	13s23	0s41	0n33	2n29	14s58	5n25	19s54	0n38	9s19	1n25	3s 1	2s19	14s36	0n21	11n56	1n23	29n27	6n23	15s18	15s44	14s40			n.a.

Julian Day Number = 1708670.5, Delta T = 03h01m51s
Ecliptic obliquity = 23°41'50, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°32'41, Lahiri = - 4°25'41 Julian Calendar 1 Feb. 35 BCE == Greg. Calendar 30 Jan. 035 BCE

The year -34 astronomical counting style corresponds to year 035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 35 BCE
geocentric

MARCH 35 BCE (-34) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 24 5	8♓ 1'30	16♏27	26♓34	0♒51	1♐15	27°R17	27♓54	9°R53	2°R38	12°R30	11°D 3	12♏24	3♒28	n.a.	S 1
M 2	10 28 2	9° 0'39	29°12	27°18	1°15	1°47	27♎15	28° 2	9♏52	2♍36	12♋30	11♏ 4	12°21	3°35	n.a.	M 2
T 3	10 31 58	9°59'46	11♐36	27°56	1°40	2°18	27°12	28° 9	9°51	2°35	12°29	11°R 4	12°18	3°41	n.a.	T 3
W 4	10 35 55	10°58'50	23°45	28°26	2° 7	2°49	27° 8	28°17	9°50	2°33	12°28	11° 3	12°14	3°48	n.a.	W 4
T 5	10 39 51	11°57'54	5♑43	28°49	2°36	3°20	27° 5	28°24	9°50	2°32	12°28	11° 0	12°11	3°55	n.a.	T 5
F 6	10 43 48	12°56'55	17°35	29° 5	3° 6	3°51	27° 1	28°32	9°49	2°30	12°27	10°55	12° 8	4° 1	n.a.	F 6
S 7	10 47 44	13°55'54	29°26	29°14	3°38	4°22	26°58	28°39	9°48	2°28	12°27	10°47	12° 5	4° 8	n.a.	S 7
S 8	10 51 41	14°54'51	11♒18	29°R16	4°11	4°52	26°54	28°47	9°47	2°27	12°26	10°38	12° 2	4°15	n.a.	S 8
M 9	10 55 38	15°53'46	23°14	29°11	4°46	5°23	26°50	28°54	9°46	2°25	12°25	10°27	11°58	4°22	n.a.	M 9
T 10	10 59 34	16°52'40	5♓17	28°59	5°21	5°53	26°46	29° 2	9°44	2°23	12°25	10°17	11°55	4°28	n.a.	T 10
W11	11 3 31	17°51'31	17°27	28°42	5°58	6°23	26°41	29°10	9°43	2°22	12°25	10° 7	11°52	4°35	n.a.	W11
T 12	11 7 27	18°50'20	29°46	28°19	6°36	6°52	26°37	29°17	9°42	2°20	12°24	9°59	11°49	4°42	n.a.	T 12
F 13	11 11 24	19°49'07	12♈14	27°51	7°16	7°22	26°32	29°25	9°41	2°19	12°24	9°53	11°46	4°49	n.a.	F 13
S 14	11 15 20	20°47'52	24°53	27°18	7°56	7°51	26°27	29°33	9°39	2°17	12°23	9°50	11°43	4°55	n.a.	S 14
S 15	11 19 17	21°46'34	7♉44	26°41	8°37	8°21	26°22	29°40	9°38	2°16	12°23	9°D49	11°39	5° 2	n.a.	S 15
M16	11 23 13	22°45'15	20°47	26° 2	9°20	8°50	26°17	29°48	9°37	2°14	12°23	9°49	11°36	5° 9	n.a.	M16
T 17	11 27 10	23°43'53	4♊ 6	25°20	10° 3	9°18	26°12	29°56	9°35	2°13	12°22	9°50	11°33	5°15	n.a.	T 17
W18	11 31 6	24°42'29	17°41	24°37	10°48	9°47	26° 6	0♈ 3	9°34	2°11	12°22	9°51	11°30	5°22	n.a.	W18
T 19	11 35 3	25°41'02	1♋35	23°53	11°33	10°15	26° 1	0°11	9°32	2°10	12°22	9°R52	11°27	5°29	n.a.	T 19
F 20	11 39 0	26°39'34	15°46	23° 9	12°19	10°43	25°55	0°19	9°31	2° 8	12°22	9°50	11°24	5°36	n.a.	F 20
S 21	11 42 56	27°38'03	0♌14	22°26	13° 6	11°11	25°49	0°27	9°29	2° 7	12°21	9°47	11°20	5°42	n.a.	S 21
S 22	11 46 53	28°36'29	14°55	21°45	13°54	11°39	25°43	0°34	9°27	2° 5	12°21	9°42	11°17	5°49	n.a.	S 22
M23	11 50 49	29°34'54	29°43	21° 7	14°42	12° 6	25°37	0°42	9°26	2° 4	12°21	9°36	11°14	5°56	n.a.	M23
T 24	11 54 46	0♈33'16	14♍31	20°31	15°31	12°33	25°31	0°50	9°24	2° 2	12°21	9°30	11°11	6° 2	n.a.	T 24
W25	11 58 42	1°31'36	29° 9	19°59	16°21	13° 0	25°25	0°58	9°22	2° 1	12°21	9°25	11° 8	6° 9	n.a.	W25
T 26	12 2 39	2°29'55	13♎32	19°31	17°12	13°27	25°18	1° 5	9°21	2° 0	12°21	9°21	11° 4	6°16	n.a.	T 26
F 27	12 6 35	3°28'11	27°34	19° 7	18° 3	13°53	25°12	1°13	9°19	1°58	12°21	9°19	11° 1	6°23	n.a.	F 27
S 28	12 10 32	4°26'26	11♏12	18°47	18°55	14°20	25° 5	1°21	9°17	1°57	12°D21	9°D18	10°58	6°29	n.a.	S 28
S 29	12 14 29	5°24'39	24°25	18°33	19°48	14°45	24°58	1°28	9°15	1°55	12°21	9°19	10°55	6°36	n.a.	S 29
M30	12 18 25	6°22'50	7♐14	18°23	20°41	15°11	24°52	1°36	9°13	1°54	12°21	9°20	10°52	6°43	n.a.	M30
T 31	12 22 22	7♈21'00	19♐43	18°D18	21♒35	15♐36	24♎45	1♈44	9♏11	1♍53	12♋21	9♏22	10♏49	6♒50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	8s39	16s28	0n29	1n 3	2n39	15s 3	5n15	20s 2	0n37	9s18	1n25	2s58	2s19	14s36	0n21	11n56	1n23	29n27	6n23	15s18		15s43		14s39			n.a.
M 2	8 17	18 39	1 35	1 30	2 49	15 8	5 5	20 9	0 36	9 17	1 25	2 55	2 19	14 36	0 21	11 57	1 23	29 27	6 23	15 18		15 42		14 37			n.a.
T 3	7 54	19 51	2 36	1 53	2 58	15 12	4 55	20 17	0 35	9 15	1 26	2 51	2 19	14 35	0 21	11 58	1 23	29 27	6 23	15 19		15 41		14 35			n.a.
W 4	7 32	20 6	3 27	2 12	3 6	15 16	4 45	20 24	0 33	9 14	1 26	2 48	2 19	14 35	0 21	11 58	1 23	29 27	6 23	15 18		15 40		14 34			n.a.
T 5	7 9	19 25	4 9	2 28	3 12	15 19	4 35	20 31	0 32	9 13	1 26	2 45	2 18	14 35	0 21	11 59	1 23	29 27	6 23	15 17		15 39		14 32			n.a.
F 6	6 46	17 54	4 40	2 39	3 18	15 22	4 25	20 38	0 31	9 11	1 26	2 42	2 18	14 34	0 21	11 59	1 23	29 27	6 22	15 16		15 39		14 30			n.a.
S 7	6 23	15 37	4 59	2 47	3 22	15 25	4 16	20 45	0 30	9 10	1 26	2 39	2 18	14 34	0 21	12 0	1 23	29 27	6 22	15 13		15 38		14 29			n.a.
S 8	6 0	12 42	5 5	2 50	3 25	15 26	4 6	20 52	0 28	9 8	1 26	2 36	2 18	14 34	0 21	12 1	1 23	29 27	6 22	15 10		15 37		14 27			n.a.
M 9	5 37	9 14	4 57	2 49	3 27	15 28	3 56	20 59	0 27	9 7	1 26	2 33	2 18	14 33	0 21	12 1	1 23	29 27	6 22	15 7		15 36		14 25			n.a.
T 10	5 14	5 23	4 37	2 45	3 27	15 28	3 47	21 6	0 26	9 5	1 27	2 30	2 18	14 33	0 21	12 2	1 23	29 27	6 22	15 4		15 35		14 24			n.a.
W11	4 51	1 17	4 3	2 36	3 25	15 29	3 37	21 13	0 24	9 3	1 27	2 27	2 18	14 33	0 21	12 2	1 23	29 27	6 22	15 1		15 34		14 22			n.a.
T 12	4 28	2n56	3 18	2 24	3 22	15 28	3 28	21 19	0 23	9 1	1 27	2 24	2 18	14 32	0 21	12 3	1 23	29 27	6 22	14 58		15 33		14 20			n.a.
F 13	4 4	7 4	2 23	2 9	3 17	15 28	3 18	21 25	0 21	9 0	1 27	2 21	2 18	14 32	0 21	12 3	1 23	29 27	6 22	14 56		15 32		14 19			n.a.
S 14	3 41	10 58	1 20	1 50	3 11	15 26	3 9	21 32	0 20	8 58	1 27	2 17	2 18	14 31	0 21	12 4	1 23	29 27	6 22	14 55		15 31		14 17			n.a.
S 15	3 18	14 25	0 11	1 28	3 3	15 24	3 0	21 38	0 18	8 56	1 27	2 14	2 18	14 31	0 21	12 5	1 23	29 27	6 22	14 55		15 30		14 15			n.a.
M16	2 54	17 12	0s59	1 3	2 54	15 22	2 51	21 44	0 17	8 54	1 27	2 11	2 18	14 31	0 21	12 5	1 23	29 27	6 22	14 55		15 29		14 13			n.a.
T 17	2 31	19 7	2 7	0 37	2 43	15 19	2 42	21 50	0 15	8 52	1 27	2 8	2 18	14 30	0 21	12 6	1 23	29 27	6 22	14 55		15 28		14 12			n.a.
W18	2 7	19 58	3 10	0 8	2 31	15 15	2 34	21 56	0 14	8 50	1 27	2 5	2 18	14 30	0 21	12 6	1 23	29 27	6 21	14 56		15 27		14 10			n.a.
T 19	1 44	19 38	4 3	0s21	2 18	15 11	2 25	22 2	0 12	8 48	1 28	2 2	2 18	14 29	0 21	12 7	1 23	29 27	6 21	14 56		15 26		14 8			n.a.
F 20	1 21	18 5	4 43	0 52	2 4	15 6	2 17	22 8	0 10	8 46	1 28	1 59	2 18	14 29	0 21	12 7	1 23	29 26	6 21	14 55		15 25		14 7			n.a.
S 21	0 57	15 21	5 5	1 22	1 49	15 1	2 8	22 13	0 9	8 43	1 28	1 56	2 18	14 28	0 21	12 8	1 23	29 26	6 21	14 54		15 24		14 5			n.a.
S 22	0 34	11 37	5 8	1 53	1 33	14 55	2 0	22 19	0 7	8 41	1 28	1 52	2 18	14 28	0 21	12 8	1 23	29 26	6 21	14 52		15 23		14 3			n.a.
M23	0 10	7 9	4 51	2 23	1 17	14 49	1 52	22 24	0 5	8 39	1 28	1 49	2 18	14 27	0 21	12 9	1 23	29 26	6 21	14 51		15 22		14 2			n.a.
T 24	0n13	2 16	4 14	2 52	1 1	14 42	1 44	22 30	0 3	8 36	1 28	1 46	2 18	14 27	0 21	12 9	1 23	29 26	6 21	14 49		15 21		14 0			n.a.
W25	0 37	2s43	3 21	3 20	0 44	14 35	1 36	22 35	0 1	8 34	1 28	1 43	2 18	14 26	0 21	12 10	1 23	29 26	6 21	14 47		15 20		13 58			n.a.
T 26	1 0	7 29	2 16	3 46	0 28	14 27	1 28	22 40	0s 1	8 32	1 28	1 40	2 18	14 25	0 21	12 10	1 23	29 26	6 21	14 46		15 19		13 56			n.a.
F 27	1 24	11 42	1 3	4 11	0 11	14 18	1 21	22 45	0 3	8 29	1 28	1 37	2 18	14 25	0 21	12 11	1 23	29 26	6 21	14 45		15 18		13 55			n.a.
S 28	1 47	15 11	0n10	4 33	0s 5	14 9	1 13	22 50	0 4	8 27	1 28	1 34	2 18	14 24	0 21	12 11	1 23	29 26	6 20	14 45		15 17		13 53			n.a.
S 29	2 10	17 46	1 22	4 53	0 20	13 59	1 6	22 55	0 6	8 24	1 28	1 31	2 18	14 24	0 21	12 12	1 23	29 26	6 20	14 45		15 16		13 51			n.a.
M30	2 34	19 21	2 27	5 11	0 35	13 49	0 59	23 0	0 9	8 22	1 28	1 28	2 18	14 23	0 21	12 12	1 23	29 26	6 20	14 46		15 15		13 50			n.a.
T 31	2n57	19s55	3n23	5s26	0s50	13s39	0n52	23s 5	0s11	8s19	1n28	1s25	2s18	14s22	0n21	12n13	1n23	29n25	6n20	14s46		15s14		13s48			n.a.

Julian Day Number = 1708698.5, Delta T = 03h01m51s
Ecliptic obliquity = 23°41'51, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°32'38, Lahiri = - 4°25'37 Julian Calendar 1 March 35 BCE == Greg. Calendar 27 Feb. 035 BCE

The year -34 astronomical counting style corresponds to year 035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 35 BCE
geocentric

APRIL 35 BCE (-34) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 26 18	8♈19'09	1♉55	18♓18	22♒29	16♐ 1	24°R38	1♈52	9°R 9	1°R52	12♋21	9♏23	10♏45	6♒56	n.a.	W 1
T 2	12 30 15	9°17'15	13°57	18°23	23°24	16°26	24♎31	1°59	9♏ 7	1♍50	12°21	9°R23	10°42	7° 3	n.a.	T 2
F 3	12 34 11	10°15'21	25°51	18°33	24°19	16°50	24°24	2° 7	9° 5	1°49	12°21	9°22	10°39	7°10	n.a.	F 3
S 4	12 38 8	11°13'25	7♒43	18°48	25°15	17°14	24°16	2°15	9° 3	1°48	12°21	9°20	10°36	7°16	n.a.	S 4
S 5	12 42 4	12°11'27	19°37	19° 7	26°11	17°38	24° 9	2°22	9° 1	1°47	12°22	9°16	10°33	7°23	n.a.	S 5
M 6	12 46 1	13° 9'27	1♓37	19°30	27° 8	18° 1	24° 2	2°30	8°59	1°46	12°22	9°12	10°29	7°30	n.a.	M 6
T 7	12 49 57	14° 7'27	13°46	19°58	28° 5	18°24	23°54	2°38	8°57	1°44	12°22	9° 8	10°26	7°37	n.a.	T 7
W 8	12 53 54	15° 5'24	26° 5	20°30	29° 3	18°47	23°47	2°45	8°54	1°43	12°22	9° 4	10°23	7°43	n.a.	W 8
T 9	12 57 51	16° 3'20	8♈38	21° 6	0♓ 1	19° 9	23°39	2°53	8°52	1°42	12°23	9° 1	10°20	7°50	n.a.	T 9
F 10	13 1 47	17° 1'15	21°23	21°46	0°59	19°31	23°32	3° 1	8°50	1°41	12°23	8°59	10°17	7°57	n.a.	F 10
S 11	13 5 44	17°59'08	4♉22	22°29	1°58	19°52	23°24	3° 8	8°48	1°40	12°23	8°D58	10°14	8° 3	n.a.	S 11
S 12	13 9 40	18°56'59	17°34	23°16	2°57	20°13	23°17	3°16	8°45	1°39	12°24	8°58	10°10	8°10	n.a.	S 12
M13	13 13 37	19°54'48	0♊59	24° 7	3°57	20°34	23° 9	3°23	8°43	1°38	12°24	8°59	10° 7	8°17	n.a.	M13
T 14	13 17 33	20°52'36	14°36	25° 1	4°57	20°54	23° 1	3°31	8°41	1°37	12°25	9° 0	10° 4	8°24	n.a.	T 14
W15	13 21 30	21°50'22	28°25	25°58	5°57	21°14	22°54	3°38	8°39	1°36	12°25	9° 1	10° 1	8°30	n.a.	W15
T 16	13 25 26	22°48'07	12♋25	26°58	6°57	21°33	22°46	3°46	8°36	1°35	12°26	9° 2	9°58	8°37	n.a.	T 16
F 17	13 29 23	23°45'49	26°34	28° 1	7°58	21°52	22°39	3°53	8°34	1°34	12°26	9°R 2	9°55	8°44	n.a.	F 17
S 18	13 33 20	24°43'30	10♌51	29° 7	8°59	22°10	22°31	4° 1	8°31	1°34	12°27	9° 2	9°51	8°51	n.a.	S 18
S 19	13 37 16	25°41'09	25°12	0♈16	10° 0	22°28	22°23	4° 8	8°29	1°33	12°27	9° 1	9°48	8°57	n.a.	S 19
M20	13 41 13	26°38'46	9♍34	1°28	11° 2	22°46	22°16	4°15	8°27	1°32	12°28	8°59	9°45	9° 4	n.a.	M20
T 21	13 45 9	27°36'22	23°54	2°42	12° 4	23° 3	22° 8	4°23	8°24	1°31	12°28	8°58	9°42	9°11	n.a.	T 21
W22	13 49 6	28°33'56	8♎ 5	3°59	13° 6	23°19	22° 1	4°30	8°22	1°30	12°29	8°57	9°39	9°17	n.a.	W22
T 23	13 53 2	29°31'29	22° 5	5°19	14° 8	23°35	21°53	4°37	8°19	1°30	12°30	8°56	9°35	9°24	n.a.	T 23
F 24	13 56 59	0♉29'01	5♏48	6°41	15°11	23°51	21°45	4°45	8°17	1°29	12°30	8°D56	9°32	9°31	n.a.	F 24
S 25	14 0 55	1°26'31	19°14	8° 6	16°14	24° 6	21°38	4°52	8°14	1°28	12°31	8°56	9°29	9°38	n.a.	S 25
S 26	14 4 52	2°24'00	2♐20	9°33	17°17	24°20	21°31	4°59	8°12	1°28	12°32	8°56	9°26	9°44	n.a.	S 26
M27	14 8 49	3°21'28	15° 6	11° 2	18°21	24°34	21°23	5° 6	8°10	1°27	12°33	8°57	9°23	9°51	n.a.	M27
T 28	14 12 45	4°18'56	27°35	12°34	19°24	24°47	21°16	5°13	8° 7	1°27	12°34	8°57	9°20	9°58	n.a.	T 28
W29	14 16 42	5°16'22	9♑50	14° 8	20°28	25° 0	21° 9	5°20	8° 5	1°26	12°34	8°58	9°16	10° 5	n.a.	W29
T 30	14 20 38	6♉13'47	21♑53	15♈45	21♓32	25♐12	21♎ 2	5♈27	8♏ 2	1♍26	12♋35	8♏58	9♏13	10♒11	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3n20	19s32	4n 9	5s39	1s 4	13s27	0n45	23s10	0s13	8s17	1n28	1s22	2s18	14s22	0n21	12n13	1n23	29n25	6n20	14s46	15s13	13s46		n.a.
T 2	3 43	18 16	4 43	5 49	1 17	13 16	0 38	23 15	0 15	8 14	1 28	1 18	2 18	14 21	0 21	12 13	1 23	29 25	6 20	14 46	15 12	13 44		n.a.
F 3	4 6	16 13	5 4	5 56	1 29	13 4	0 32	23 19	0 17	8 11	1 28	1 15	2 18	14 20	0 21	12 14	1 23	29 25	6 20	14 46	15 11	13 43		n.a.
S 4	4 29	13 30	5 13	6 1	1 41	12 51	0 25	23 24	0 19	8 9	1 28	1 12	2 18	14 20	0 21	12 14	1 23	29 25	6 20	14 45	15 10	13 41		n.a.
S 5	4 52	10 13	5 8	6 4	1 52	12 38	0 19	23 29	0 22	8 6	1 28	1 9	2 18	14 19	0 21	12 15	1 23	29 25	6 20	14 44	15 9	13 39		n.a.
M 6	5 15	6 30	4 50	6 4	2 2	12 24	0 13	23 33	0 24	8 3	1 28	1 6	2 18	14 18	0 21	12 15	1 23	29 25	6 20	14 43	15 8	13 38		n.a.
T 7	5 38	2 29	4 18	6 1	2 11	12 10	0 7	23 37	0 26	8 0	1 28	1 3	2 18	14 18	0 21	12 16	1 23	29 25	6 19	14 42	15 7	13 36		n.a.
W 8	6 0	1n42	3 34	5 56	2 20	11 55	0 1	23 42	0 29	7 58	1 28	1 0	2 18	14 17	0 21	12 16	1 23	29 24	6 19	14 40	15 6	13 34		n.a.
T 9	6 23	5 53	2 39	5 49	2 27	11 40	0s 5	23 46	0 31	7 55	1 28	0 57	2 18	14 16	0 21	12 16	1 23	29 24	6 19	14 39	15 5	13 32		n.a.
F 10	6 45	9 54	1 35	5 39	2 34	11 25	0 11	23 51	0 34	7 52	1 28	0 54	2 18	14 16	0 21	12 17	1 23	29 24	6 19	14 39	15 4	13 31		n.a.
S 11	7 8	13 31	0 25	5 28	2 40	11 9	0 16	23 55	0 37	7 49	1 28	0 51	2 18	14 15	0 21	12 17	1 23	29 24	6 19	14 38	15 3	13 29		n.a.
S 12	7 30	16 30	0s47	5 14	2 46	10 52	0 22	23 59	0 39	7 47	1 28	0 48	2 19	14 14	0 21	12 17	1 23	29 24	6 19	14 38	15 2	13 27		n.a.
M13	7 52	18 39	1 58	4 58	2 50	10 35	0 27	24 3	0 42	7 44	1 28	0 45	2 19	14 13	0 21	12 18	1 23	29 24	6 19	14 39	15 1	13 25		n.a.
T 14	8 14	19 45	3 4	4 40	2 54	10 18	0 32	24 7	0 45	7 41	1 28	0 42	2 19	14 13	0 21	12 18	1 23	29 24	6 19	14 39	15 0	13 24		n.a.
W15	8 36	19 41	4 0	4 19	2 57	10 0	0 37	24 12	0 47	7 38	1 28	0 39	2 19	14 12	0 21	12 18	1 23	29 24	6 19	14 39	14 59	13 22		n.a.
T 16	8 58	18 25	4 43	3 57	2 59	9 42	0 42	24 16	0 50	7 35	1 28	0 36	2 19	14 11	0 21	12 19	1 23	29 23	6 19	14 40	14 58	13 20		n.a.
F 17	9 19	16 1	5 8	3 34	3 1	9 24	0 47	24 20	0 53	7 33	1 28	0 34	2 19	14 10	0 21	12 19	1 23	29 23	6 18	14 40	14 57	13 18		n.a.
S 18	9 41	12 38	5 16	3 8	3 2	9 5	0 52	24 24	0 56	7 30	1 28	0 31	2 19	14 10	0 21	12 19	1 23	29 23	6 18	14 40	14 56	13 17		n.a.
S 19	10 2	8 30	5 3	2 40	3 2	8 46	0 56	24 28	0 59	7 27	1 28	0 28	2 19	14 9	0 21	12 19	1 23	29 23	6 18	14 39	14 55	13 15		n.a.
M20	10 23	3 52	4 32	2 11	3 2	8 26	1 0	24 32	1 2	7 24	1 28	0 25	2 19	14 8	0 21	12 20	1 23	29 23	6 18	14 39	14 54	13 13		n.a.
T 21	10 44	0s58	3 44	1 40	3 1	8 6	1 5	24 36	1 5	7 22	1 27	0 22	2 19	14 7	0 21	12 20	1 23	29 23	6 18	14 38	14 52	13 11		n.a.
W22	11 5	5 43	2 43	1 8	2 59	7 46	1 9	24 40	1 8	7 19	1 27	0 19	2 19	14 6	0 21	12 20	1 23	29 22	6 18	14 38	14 51	13 10		n.a.
T 23	11 25	10 6	1 32	0 34	2 57	7 25	1 13	24 44	1 12	7 16	1 27	0 16	2 19	14 6	0 21	12 20	1 23	29 22	6 18	14 38	14 50	13 8		n.a.
F 24	11 46	13 52	0 17	0n 2	2 54	7 4	1 16	24 48	1 15	7 13	1 27	0 14	2 20	14 5	0 21	12 21	1 23	29 22	6 18	14 38	14 49	13 6		n.a.
S 25	12 6	16 49	0n57	0 39	2 50	6 43	1 20	24 52	1 18	7 11	1 27	0 11	2 20	14 4	0 21	12 21	1 22	29 22	6 18	14 38	14 48	13 4		n.a.
S 26	12 26	18 47	2 6	1 17	2 46	6 21	1 24	24 56	1 22	7 8	1 27	0 8	2 20	14 3	0 21	12 21	1 22	29 22	6 18	14 38	14 47	13 3		n.a.
M27	12 46	19 45	3 7	1 57	2 41	5 59	1 27	25 0	1 25	7 5	1 27	0 5	2 20	14 2	0 21	12 21	1 22	29 22	6 18	14 38	14 46	13 1		n.a.
T 28	13 6	19 42	3 58	2 38	2 36	5 37	1 30	25 4	1 29	7 3	1 27	0 2	2 20	14 2	0 21	12 21	1 22	29 21	6 17	14 38	14 45	12 59		n.a.
W29	13 25	18 43	4 37	3 20	2 30	5 15	1 34	25 8	1 32	7 0	1 26	0n 0	2 20	14 1	0 21	12 22	1 22	29 21	6 17	14 38	14 44	12 57		n.a.
T 30	13n44	16s55	5n 3	4n 4	2s23	4s52	1s37	25s12	1s36	6s58	1n26	0n 3	2s20	14s 0	0n21	12n22	1n22	29n21	6n17	14s38	14s43	12s56		n.a.

Julian Day Number = 1708729.5, Delta T = 03h01m50s
Ecliptic obliquity = 23°41'51, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°32'33, Lahiri = - 4°25'33 Julian Calendar 1 Apr. 35 BCE == Greg. Calendar 30 March 035 BCE

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ASTRODIENST EPHEMERIS for the year 35 BCE
geocentric

MAY 35 BCE (-34) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 24 35	7♉11'12	3♒49	17♈24	22♓36	25♐24	20°R54	5♈34	8°R 0	1°R25	12♋36	8°R58	9♏10	10♒18	n.a.	F 1
S 2	14 28 31	8° 8'35	15°42	19° 6	23°41	25°35	20♎47	5°41	7♏57	1♍25	12°37	8♏58	9° 7	10°25	n.a.	S 2
S 3	14 32 28	9° 5'58	27°38	20°50	24°46	25°45	20°40	5°48	7°55	1°24	12°38	8°D58	9° 4	10°31	n.a.	S 3
M 4	14 36 24	10° 3'21	9♓40	22°36	25°50	25°55	20°34	5°55	7°52	1°24	12°39	8°58	9° 0	10°38	n.a.	M 4
T 5	14 40 21	11° 0'42	21°52	24°25	26°55	26° 3	20°27	6° 2	7°50	1°23	12°40	8°58	8°57	10°45	n.a.	T 5
W 6	14 44 18	11°58'03	4♈18	26°16	28° 1	26°12	20°20	6° 9	7°47	1°23	12°41	8°58	8°54	10°52	n.a.	W 6
T 7	14 48 14	12°55'23	17° 1	28° 9	29° 6	26°19	20°13	6°16	7°45	1°23	12°42	8°59	8°51	10°58	n.a.	T 7
F 8	14 52 11	13°52'42	0♉ 1	0♉ 5	0♈11	26°26	20° 7	6°22	7°42	1°23	12°43	8°59	8°48	11° 5	n.a.	F 8
S 9	14 56 7	14°50'00	13°20	2° 2	1°17	26°33	20° 1	6°29	7°40	1°22	12°44	8°R59	8°45	11°12	n.a.	S 9
S 10	15 0 4	15°47'18	26°56	4° 2	2°23	26°38	19°54	6°36	7°37	1°22	12°45	8°59	8°41	11°18	n.a.	S 10
M11	15 4 0	16°44'35	10♊48	6° 4	3°29	26°43	19°48	6°42	7°35	1°22	12°46	8°58	8°38	11°25	n.a.	M11
T 12	15 7 57	17°41'51	24°51	8° 8	4°35	26°47	19°42	6°49	7°32	1°22	12°47	8°57	8°35	11°32	n.a.	T 12
W13	15 11 53	18°39'07	9♋ 4	10°13	5°41	26°50	19°36	6°55	7°30	1°22	12°48	8°56	8°32	11°39	n.a.	W13
T 14	15 15 50	19°36'21	23°20	12°20	6°48	26°53	19°30	7° 2	7°28	1°22	12°49	8°55	8°29	11°45	n.a.	T 14
F 15	15 19 47	20°33'34	7♌38	14°29	7°54	26°55	19°25	7° 8	7°25	1°22	12°51	8°54	8°26	11°52	n.a.	F 15
S 16	15 23 43	21°30'47	21°54	16°38	9° 1	26°56	19°19	7°14	7°23	1°D22	12°52	8°D54	8°22	11°59	n.a.	S 16
S 17	15 27 40	22°27'58	6♍ 4	18°49	10° 8	26°R56	19°14	7°21	7°20	1°22	12°53	8°54	8°19	12° 6	n.a.	S 17
M18	15 31 36	23°25'09	20° 8	21° 0	11°15	26°56	19° 9	7°27	7°18	1°22	12°54	8°55	8°16	12°12	n.a.	M18
T 19	15 35 33	24°22'18	4♎ 2	23°11	12°22	26°55	19° 3	7°33	7°16	1°22	12°55	8°56	8°13	12°19	n.a.	T 19
W20	15 39 29	25°19'28	17°47	25°23	13°29	26°53	18°59	7°39	7°13	1°22	12°57	8°57	8°10	12°26	n.a.	W20
T 21	15 43 26	26°16'36	1♏19	27°34	14°37	26°51	18°54	7°45	7°11	1°22	12°58	8°58	8° 6	12°32	n.a.	T 21
F 22	15 47 22	27°13'44	14°39	29°45	15°44	26°47	18°49	7°51	7° 9	1°22	12°59	8°R58	8° 3	12°39	n.a.	F 22
S 23	15 51 19	28°10'51	27°45	1♊55	16°52	26°43	18°45	7°57	7° 7	1°23	13° 1	8°57	8° 0	12°46	n.a.	S 23
S 24	15 55 16	29° 7'59	10♐36	4° 5	17°59	26°39	18°40	8° 3	7° 4	1°23	13° 2	8°56	7°57	12°53	n.a.	S 24
M25	15 59 12	0♊ 5'06	23°13	6°13	19° 7	26°33	18°36	8° 8	7° 2	1°23	13° 3	8°53	7°54	12°59	n.a.	M25
T 26	16 3 9	1° 2'12	5♑37	8°20	20°15	26°27	18°32	8°14	7° 0	1°23	13° 5	8°50	7°51	13° 6	n.a.	T 26
W27	16 7 5	1°59'19	17°49	10°25	21°23	26°20	18°28	8°20	6°58	1°24	13° 6	8°46	7°47	13°13	n.a.	W27
T 28	16 11 2	2°56'26	29°51	12°29	22°31	26°12	18°24	8°25	6°56	1°24	13° 8	8°43	7°44	13°20	n.a.	T 28
F 29	16 14 58	3°53'32	11♒46	14°31	23°39	26° 4	18°21	8°31	6°53	1°25	13° 9	8°40	7°41	13°26	n.a.	F 29
S 30	16 18 55	4°50'39	23°39	16°31	24°48	25°55	18°17	8°36	6°51	1°25	13°10	8°38	7°38	13°33	n.a.	S 30
S 31	16 22 51	5♊47'46	5♓34	18♊30	25♈56	25♐45	18♎14	8♈42	6♏49	1♍26	13♋12	8°D38	7♏35	13♒40	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n 4	14s23	5n16	4n49	2s16	4s29	1s39	25s16	1s39	6s55	1n26	0n 6	2s20	13s59	0n21	12n22	1n22	29n21	6n17	14s38	14s42	12s54		n.a.
S 2	14 22	11 17	5 15	5 34	2 9	4 6	1 42	25 20	1 43	6 53	1 26	0 8	2 20	13 58	0 21	12 22	1 22	29 21	6 17	14 38	14 41	12 52		n.a.
S 3	14 41	7 44	5 0	6 21	2 1	3 42	1 45	25 25	1 47	6 50	1 26	0 11	2 21	13 58	0 21	12 22	1 22	29 21	6 17	14 38	14 40	12 50		n.a.
M 4	14 59	3 49	4 33	7 9	1 52	3 19	1 47	25 29	1 51	6 48	1 26	0 14	2 21	13 57	0 21	12 22	1 22	29 20	6 17	14 38	14 39	12 48		n.a.
T 5	15 18	0n18	3 53	7 58	1 43	2 55	1 50	25 33	1 55	6 45	1 25	0 16	2 21	13 56	0 21	12 22	1 22	29 20	6 17	14 38	14 38	12 47		n.a.
W 6	15 35	4 29	3 1	8 47	1 34	2 31	1 52	25 37	1 59	6 43	1 25	0 19	2 21	13 55	0 21	12 22	1 22	29 20	6 17	14 39	14 37	12 45		n.a.
T 7	15 53	8 35	1 59	9 37	1 25	2 6	1 54	25 41	2 3	6 41	1 25	0 21	2 21	13 54	0 21	12 23	1 22	29 20	6 17	14 39	14 36	12 43		n.a.
F 8	16 10	12 22	0 49	10 27	1 15	1 42	1 56	25 46	2 7	6 38	1 25	0 24	2 21	13 54	0 21	12 23	1 22	29 20	6 17	14 39	14 35	12 41		n.a.
S 9	16 28	15 38	0s24	11 18	1 4	1 17	1 58	25 50	2 11	6 36	1 25	0 26	2 21	13 53	0 21	12 23	1 22	29 20	6 17	14 39	14 34	12 40		n.a.
S 10	16 45	18 6	1 38	12 9	0 54	0 53	2 0	25 54	2 15	6 34	1 24	0 29	2 22	13 52	0 21	12 23	1 22	29 19	6 17	14 39	14 33	12 38		n.a.
M11	17 1	19 33	2 47	13 0	0 43	0 28	2 2	25 59	2 19	6 32	1 24	0 31	2 22	13 51	0 21	12 23	1 22	29 19	6 16	14 38	14 32	12 36		n.a.
T 12	17 18	19 48	3 48	13 51	0 33	0 3	2 3	26 3	2 24	6 30	1 24	0 34	2 22	13 50	0 21	12 23	1 22	29 19	6 16	14 38	14 31	12 34		n.a.
W13	17 34	18 49	4 34	14 42	0 22	0n23	2 5	26 7	2 28	6 27	1 24	0 36	2 22	13 50	0 21	12 23	1 22	29 19	6 16	14 38	14 30	12 32		n.a.
T 14	17 49	16 39	5 5	15 32	0 11	0 48	2 6	26 12	2 32	6 25	1 24	0 39	2 22	13 49	0 21	12 23	1 22	29 19	6 16	14 37	14 29	12 31		n.a.
F 15	18 5	13 28	5 16	16 21	0 0	1 13	2 8	26 16	2 37	6 24	1 23	0 41	2 22	13 48	0 21	12 23	1 22	29 18	6 16	14 37	14 28	12 29		n.a.
S 16	18 20	9 30	5 8	17 9	0n11	1 39	2 9	26 21	2 41	6 22	1 23	0 43	2 22	13 47	0 21	12 23	1 22	29 18	6 16	14 37	14 27	12 27		n.a.
S 17	18 35	5 1	4 42	17 56	0 21	2 4	2 10	26 25	2 46	6 20	1 23	0 46	2 23	13 47	0 21	12 23	1 22	29 18	6 16	14 37	14 26	12 25		n.a.
M18	18 50	0 18	3 58	18 42	0 31	2 30	2 11	26 30	2 50	6 18	1 23	0 48	2 23	13 46	0 21	12 23	1 22	29 18	6 16	14 38	14 25	12 23		n.a.
T 19	19 4	4s23	3 1	19 26	0 41	2 55	2 11	26 34	2 55	6 16	1 22	0 50	2 23	13 45	0 21	12 22	1 22	29 18	6 16	14 38	14 24	12 22		n.a.
W20	19 18	8 48	1 54	20 8	0 51	3 21	2 12	26 39	2 59	6 15	1 22	0 53	2 23	13 44	0 21	12 22	1 22	29 18	6 16	14 38	14 23	12 20		n.a.
T 21	19 32	12 43	0 42	20 48	1 0	3 47	2 13	26 43	3 4	6 13	1 22	0 55	2 23	13 44	0 21	12 22	1 22	29 17	6 16	14 38	14 22	12 18		n.a.
F 22	19 45	15 55	0n31	21 25	1 8	4 13	2 13	26 48	3 9	6 11	1 22	0 57	2 24	13 43	0 21	12 22	1 22	29 17	6 16	14 38	14 21	12 16		n.a.
S 23	19 58	18 13	1 42	22 1	1 16	4 39	2 13	26 53	3 13	6 10	1 21	0 59	2 24	13 42	0 21	12 22	1 22	29 17	6 16	14 38	14 20	12 14		n.a.
S 24	20 11	19 33	2 46	22 33	1 23	5 4	2 14	26 57	3 18	6 9	1 21	1 1	2 24	13 41	0 21	12 22	1 21	29 17	6 16	14 38	14 19	12 13		n.a.
M25	20 23	19 52	3 40	23 3	1 30	5 30	2 14	27 2	3 23	6 7	1 21	1 4	2 24	13 41	0 21	12 22	1 21	29 17	6 16	14 37	14 18	12 11		n.a.
T 26	20 35	19 12	4 23	23 31	1 36	5 56	2 14	27 6	3 27	6 6	1 21	1 6	2 24	13 40	0 21	12 22	1 21	29 16	6 16	14 36	14 16	12 9		n.a.
W27	20 47	17 39	4 53	23 55	1 41	6 22	2 14	27 11	3 32	6 5	1 20	1 8	2 25	13 39	0 21	12 21	1 21	29 16	6 16	14 35	14 15	12 7		n.a.
T 28	20 58	15 21	5 10	24 17	1 46	6 47	2 14	27 15	3 37	6 3	1 20	1 10	2 25	13 39	0 21	12 21	1 21	29 16	6 16	14 33	14 14	12 5		n.a.
F 29	21 9	12 26	5 13	24 36	1 50	7 13	2 14	27 20	3 41	6 2	1 20	1 12	2 25	13 38	0 21	12 21	1 21	29 16	6 15	14 33	14 13	12 4		n.a.
S 30	21 20	9 1	5 3	24 53	1 53	7 38	2 13	27 24	3 46	6 1	1 20	1 14	2 25	13 37	0 21	12 21	1 21	29 16	6 15	14 32	14 12	12 2		n.a.
S 31	21n30	5s14	4n40	25n 6	1n55	8n 4	2s13	27s28	3s51	6s 0	1n19	1n16	2s25	13s36	0n21	12n21	1n21	29n16	6n15	14s32	14s11	12s 0		n.a.

Julian Day Number = 1708759.5, Delta T = 03h01m49s
Ecliptic obliquity = 23°41'50, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°32'29, Lahiri = - 4°25'29 Julian Calendar 1 May 35 BCE == Greg. Calendar 29 Apr. 035 BCE

The year -34 astronomical counting style corresponds to year 035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 35 BCE
geocentric

JUNE 35 BCE (-34) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 26 48	6♊44'53	17♓35	20♊26	27♈ 5	25°R34	18°R11	8♈47	6°R47	1♍26	13♋13	8♏38	7♏32	13♒46	n.a.	M 1
T 2	16 30 45	7°42'00	29°48	22°21	28°13	25♐23	18♎ 8	8°52	6♏45	1°27	13°15	8°39	7°28	13°53	n.a.	T 2
W 3	16 34 41	8°39'07	12♈16	24°13	29°22	25°12	18° 6	8°58	6°43	1°27	13°16	8°41	7°25	14° 0	n.a.	W 3
T 4	16 38 38	9°36'15	25° 3	26° 4	0♉31	24°59	18° 3	9° 3	6°41	1°28	13°18	8°42	7°22	14° 7	n.a.	T 4
F 5	16 42 34	10°33'23	8♉13	27°52	1°40	24°47	18° 1	9° 8	6°39	1°28	13°19	8°R43	7°19	14°13	n.a.	F 5
S 6	16 46 31	11°30'31	21°46	29°38	2°49	24°33	17°58	9°13	6°37	1°29	13°21	8°42	7°16	14°20	n.a.	S 6
S 7	16 50 27	12°27'40	5♊42	1♋23	3°58	24°19	17°56	9°17	6°35	1°30	13°23	8°40	7°12	14°27	n.a.	S 7
M 8	16 54 24	13°24'48	19°58	3° 5	5° 7	24° 5	17°55	9°22	6°34	1°30	13°24	8°37	7° 9	14°33	n.a.	M 8
T 9	16 58 21	14°21'57	4♋29	4°45	6°17	23°50	17°53	9°27	6°32	1°31	13°26	8°32	7° 6	14°40	n.a.	T 9
W10	17 2 17	15°19'06	19° 8	6°23	7°26	23°35	17°52	9°32	6°30	1°32	13°27	8°26	7° 3	14°47	n.a.	W10
T 11	17 6 14	16°16'15	3♌49	7°59	8°35	23°20	17°50	9°36	6°28	1°33	13°29	8°21	7° 0	14°54	n.a.	T 11
F 12	17 10 10	17°13'24	18°24	9°33	9°45	23° 4	17°49	9°41	6°27	1°34	13°31	8°17	6°57	15° 0	n.a.	F 12
S 13	17 14 7	18°10'33	2♍49	11° 5	10°55	22°48	17°48	9°45	6°25	1°35	13°32	8°15	6°53	15° 7	n.a.	S 13
S 14	17 18 3	19° 7'42	16°59	12°35	12° 4	22°31	17°48	9°49	6°23	1°36	13°34	8°D14	6°50	15°14	n.a.	S 14
M15	17 22 0	20° 4'51	0♎54	14° 2	13°14	22°15	17°47	9°54	6°22	1°36	13°35	8°14	6°47	15°21	n.a.	M15
T 16	17 25 56	21° 2'00	14°33	15°28	14°24	21°58	17°47	9°58	6°20	1°37	13°37	8°15	6°44	15°27	n.a.	T 16
W17	17 29 53	21°59'10	27°57	16°51	15°34	21°42	17°D46	10° 2	6°19	1°38	13°39	8°16	6°41	15°34	n.a.	W17
T 18	17 33 50	22°56'20	11♏ 7	18°12	16°44	21°25	17°46	10° 6	6°17	1°39	13°40	8°R17	6°38	15°41	n.a.	T 18
F 19	17 37 46	23°53'30	24° 4	19°31	17°54	21° 8	17°47	10°10	6°16	1°41	13°42	8°16	6°34	15°47	n.a.	F 19
S 20	17 41 43	24°50'40	6♐49	20°48	19° 4	20°52	17°47	10°13	6°15	1°42	13°44	8°12	6°31	15°54	n.a.	S 20
S 21	17 45 39	25°47'51	19°23	22° 2	20°14	20°35	17°48	10°17	6°13	1°43	13°46	8° 7	6°28	16° 1	n.a.	S 21
M22	17 49 36	26°45'03	1♑47	23°14	21°25	20°19	17°48	10°21	6°12	1°44	13°47	8° 0	6°25	16° 8	n.a.	M22
T 23	17 53 32	27°42'15	14° 2	24°23	22°35	20° 3	17°49	10°24	6°11	1°45	13°49	7°51	6°22	16°14	n.a.	T 23
W24	17 57 29	28°39'28	26° 7	25°30	23°46	19°47	17°50	10°28	6°10	1°46	13°51	7°42	6°18	16°21	n.a.	W24
T 25	18 1 25	29°36'42	8♒ 6	26°34	24°56	19°31	17°52	10°31	6° 8	1°48	13°52	7°33	6°15	16°28	n.a.	T 25
F 26	18 5 22	0♋33'56	19°59	27°35	26° 7	19°15	17°53	10°34	6° 7	1°49	13°54	7°25	6°12	16°35	n.a.	F 26
S 27	18 9 19	1°31'12	1♓51	28°34	27°17	19° 0	17°55	10°38	6° 6	1°50	13°56	7°19	6° 9	16°41	n.a.	S 27
S 28	18 13 15	2°28'29	13°44	29°29	28°28	18°46	17°56	10°41	6° 5	1°51	13°58	7°15	6° 6	16°48	n.a.	S 28
M29	18 17 12	3°25'46	25°43	0♌22	29°39	18°31	17°58	10°44	6° 4	1°53	13°59	7°13	6° 3	16°55	n.a.	M29
T 30	18 21 8	4♋23'05	7♈53	1♌11	0♊50	18♐17	18♎ 1	10♈46	6♏ 3	1♍54	14♋ 1	7°D12	5♏59	17♒ 1	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n40	1s13	4n 4	25n18	1n57	8n29	2s12	27s32	3s55	5s59	1n19	1n18	2s26	13s36	0n21	12n21	1n21	29n15	6n15	14s32	14s10	11s58		n.a.
T 2	21 50	2n55	3 17	25 26	1 58	8 55	2 12	27 37	4 0	5 59	1 19	1 19	2 26	13 35	0 21	12 20	1 21	29 15	6 15	14 32	14 9	11 56		n.a.
W 3	21 59	7 2	2 20	25 33	1 59	9 20	2 11	27 41	4 4	5 58	1 18	1 21	2 26	13 35	0 21	12 20	1 21	29 15	6 15	14 33	14 8	11 55		n.a.
T 4	22 8	10 57	1 14	25 37	1 58	9 45	2 10	27 45	4 9	5 57	1 18	1 23	2 26	13 34	0 21	12 20	1 21	29 15	6 15	14 33	14 7	11 53		n.a.
F 5	22 16	14 26	0 3	25 38	1 57	10 10	2 9	27 49	4 13	5 56	1 18	1 25	2 26	13 33	0 21	12 20	1 21	29 15	6 15	14 34	14 6	11 51		n.a.
S 6	22 24	17 16	1s11	25 38	1 56	10 34	2 8	27 52	4 18	5 56	1 18	1 27	2 27	13 33	0 21	12 19	1 21	29 14	6 15	14 33	14 5	11 49		n.a.
S 7	22 32	19 10	2 22	25 35	1 54	10 59	2 7	27 56	4 22	5 55	1 17	1 28	2 27	13 32	0 21	12 19	1 21	29 14	6 15	14 33	14 4	11 47		n.a.
M 8	22 39	19 54	3 26	25 30	1 51	11 23	2 6	28 0	4 26	5 55	1 17	1 30	2 27	13 31	0 21	12 19	1 21	29 14	6 15	14 31	14 3	11 46		n.a.
T 9	22 46	19 20	4 18	25 24	1 47	11 47	2 5	28 3	4 30	5 55	1 17	1 32	2 27	13 31	0 21	12 18	1 21	29 14	6 15	14 30	14 2	11 44		n.a.
W10	22 53	17 29	4 53	25 16	1 44	12 11	2 4	28 6	4 34	5 54	1 16	1 33	2 28	13 30	0 21	12 18	1 21	29 14	6 15	14 28	14 1	11 42		n.a.
T 11	22 59	14 30	5 9	25 6	1 39	12 35	2 2	28 10	4 38	5 54	1 16	1 35	2 28	13 30	0 21	12 18	1 21	29 14	6 15	14 27	14 0	11 40		n.a.
F 12	23 5	10 38	5 6	24 55	1 34	12 59	2 1	28 13	4 42	5 54	1 16	1 37	2 28	13 29	0 21	12 17	1 21	29 13	6 15	14 25	13 59	11 38		n.a.
S 13	23 10	6 12	4 42	24 42	1 28	13 22	1 59	28 15	4 46	5 54	1 16	1 38	2 28	13 29	0 21	12 17	1 21	29 13	6 15	14 24	13 58	11 36		n.a.
S 14	23 15	1 29	4 2	24 28	1 22	13 45	1 58	28 18	4 50	5 54	1 15	1 40	2 28	13 28	0 21	12 17	1 21	29 13	6 15	14 24	13 57	11 35		n.a.
M15	23 19	3s14	3 9	24 12	1 16	14 8	1 56	28 21	4 53	5 54	1 15	1 41	2 29	13 28	0 21	12 16	1 21	29 13	6 15	14 24	13 56	11 33		n.a.
T 16	23 23	7 43	2 5	23 55	1 9	14 31	1 55	28 23	4 56	5 54	1 15	1 42	2 29	13 27	0 21	12 16	1 21	29 13	6 15	14 25	13 54	11 31		n.a.
W17	23 27	11 43	0 56	23 38	1 1	14 53	1 53	28 25	5 0	5 54	1 14	1 44	2 29	13 27	0 21	12 16	1 21	29 12	6 15	14 25	13 53	11 29		n.a.
T 18	23 30	15 5	0n15	23 19	0 53	15 15	1 51	28 27	5 3	5 54	1 14	1 45	2 29	13 26	0 21	12 15	1 21	29 12	6 15	14 25	13 52	11 27		n.a.
F 19	23 33	17 38	1 24	23 0	0 45	15 36	1 49	28 29	5 6	5 55	1 14	1 46	2 30	13 26	0 21	12 15	1 21	29 12	6 15	14 25	13 51	11 25		n.a.
S 20	23 36	19 15	2 28	22 39	0 36	15 58	1 47	28 31	5 9	5 55	1 14	1 48	2 30	13 25	0 21	12 14	1 21	29 12	6 15	14 24	13 50	11 24		n.a.
S 21	23 38	19 54	3 23	22 19	0 27	16 19	1 45	28 32	5 11	5 56	1 13	1 49	2 30	13 25	0 20	12 14	1 21	29 12	6 15	14 22	13 49	11 22		n.a.
M22	23 39	19 33	4 8	21 57	0 17	16 39	1 43	28 33	5 14	5 56	1 13	1 50	2 30	13 25	0 20	12 13	1 20	29 12	6 15	14 19	13 48	11 20		n.a.
T 23	23 41	18 18	4 40	21 35	0 7	16 59	1 41	28 35	5 16	5 57	1 13	1 51	2 31	13 24	0 20	12 13	1 20	29 11	6 15	14 17	13 47	11 18		n.a.
W24	23 41	16 15	5 0	21 13	0s 3	17 19	1 39	28 36	5 19	5 58	1 12	1 52	2 31	13 24	0 20	12 12	1 20	29 11	6 15	14 14	13 46	11 16		n.a.
T 25	23 42	13 31	5 6	20 50	0 14	17 39	1 36	28 36	5 21	5 58	1 12	1 54	2 31	13 23	0 20	12 12	1 20	29 11	6 15	14 11	13 45	11 14		n.a.
F 26	23 42	10 15	4 59	20 27	0 25	17 58	1 34	28 37	5 23	5 59	1 12	1 55	2 32	13 23	0 20	12 12	1 20	29 11	6 15	14 8	13 44	11 13		n.a.
S 27	23 41	6 36	4 39	20 5	0 36	18 17	1 32	28 38	5 25	6 0	1 11	1 56	2 32	13 23	0 20	12 11	1 20	29 11	6 15	14 6	13 43	11 11		n.a.
S 28	23 40	2 41	4 7	19 42	0 48	18 35	1 29	28 38	5 26	6 1	1 11	1 57	2 32	13 22	0 20	12 11	1 20	29 11	6 15	14 5	13 42	11 9		n.a.
M29	23 39	1n23	3 23	19 19	1 0	18 53	1 27	28 38	5 28	6 2	1 11	1 57	2 32	13 22	0 20	12 10	1 20	29 10	6 16	14 4	13 41	11 7		n.a.
T 30	23n37	5n27	2n30	18n56	1s12	19n10	1s24	28s38	5s29	6s 3	1n11	1n58	2s33	13s22	0n20	12n 9	1n20	29n10	6n16	14s 4	13s40	11s 5		n.a.

Julian Day Number = 1708790.5, Delta T = 03h01m48s
Ecliptic obliquity = 23°41'49, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°32'25, Lahiri = - 4°25'25 Julian Calendar 1 June 35 BCE == Greg. Calendar 30 May 035 BCE

The year -34 astronomical counting style corresponds to year 035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 35 BCE
geocentric

JULY 35 BCE (-34) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 25 5	5♋20'25	20♈18	1♌57	2♊ 1	18°R 4	18♎ 3	10♈49	6°R 3	1♍55	14♋ 3	7♏13	5♏56	17♒ 8	n.a.	W 1
T 2	18 29 1	6°17'46	3♉ 4	2°39	3°12	17♐51	18° 5	10°52	6♏ 2	1°57	14° 5	7°R14	5°53	17°15	n.a.	T 2
F 3	18 32 58	7°15'09	16°15	3°18	4°23	17°39	18° 8	10°55	6° 1	1°58	14° 7	7°13	5°50	17°22	n.a.	F 3
S 4	18 36 54	8°12'33	29°53	3°52	5°34	17°27	18°11	10°57	6° 0	2° 0	14° 8	7°11	5°47	17°28	n.a.	S 4
S 5	18 40 51	9° 9'58	13♊59	4°23	6°46	17°16	18°14	10°59	6° 0	2° 1	14°10	7° 7	5°44	17°35	n.a.	S 5
M 6	18 44 48	10° 7'24	28°31	4°49	7°57	17° 6	18°17	11° 2	5°59	2° 3	14°12	7° 0	5°40	17°42	n.a.	M 6
T 7	18 48 44	11° 4'51	13♋22	5°11	9° 8	16°56	18°21	11° 4	5°58	2° 4	14°14	6°52	5°37	17°48	n.a.	T 7
W 8	18 52 41	12° 2'20	28°24	5°28	10°20	16°47	18°24	11° 6	5°58	2° 6	14°15	6°42	5°34	17°55	n.a.	W 8
T 9	18 56 37	12°59'49	13♌28	5°41	11°31	16°39	18°28	11° 8	5°57	2° 7	14°17	6°33	5°31	18° 2	n.a.	T 9
F 10	19 0 34	13°57'20	28°24	5°48	12°43	16°32	18°32	11°10	5°57	2° 9	14°19	6°25	5°28	18° 9	n.a.	F 10
S 11	19 4 30	14°54'51	13♍ 5	5°R50	13°54	16°25	18°36	11°12	5°56	2°11	14°21	6°19	5°24	18°15	n.a.	S 11
S 12	19 8 27	15°52'23	27°24	5°47	15° 6	16°19	18°40	11°13	5°56	2°12	14°23	6°16	5°21	18°22	n.a.	S 12
M13	19 12 23	16°49'56	11♎21	5°39	16°18	16°14	18°44	11°15	5°56	2°14	14°24	6°D14	5°18	18°29	n.a.	M13
T 14	19 16 20	17°47'31	24°55	5°25	17°30	16°10	18°49	11°16	5°56	2°16	14°26	6°14	5°15	18°36	n.a.	T 14
W15	19 20 17	18°45'06	8♏ 9	5° 5	18°42	16° 6	18°54	11°18	5°55	2°17	14°28	6°R15	5°12	18°42	n.a.	W15
T 16	19 24 13	19°42'42	21° 4	4°41	19°54	16° 4	18°58	11°19	5°55	2°19	14°30	6°14	5° 9	18°49	n.a.	T 16
F 17	19 28 10	20°40'20	3♐45	4°11	21° 6	16° 2	19° 3	11°20	5°55	2°21	14°32	6°11	5° 5	18°56	n.a.	F 17
S 18	19 32 6	21°37'59	16°14	3°35	22°18	16° 1	19° 9	11°21	5°D55	2°23	14°33	6° 5	5° 2	19° 2	n.a.	S 18
S 19	19 36 3	22°35'38	28°34	2°56	23°30	16°D 1	19°14	11°22	5°55	2°24	14°35	5°57	4°59	19° 9	n.a.	S 19
M20	19 39 59	23°33'20	10♑45	2°12	24°42	16° 2	19°19	11°23	5°55	2°26	14°37	5°46	4°56	19°16	n.a.	M20
T 21	19 43 56	24°31'03	22°49	1°25	25°54	16° 3	19°25	11°24	5°55	2°28	14°39	5°34	4°53	19°23	n.a.	T 21
W22	19 47 52	25°28'47	4♒48	0°35	27° 7	16° 5	19°31	11°24	5°56	2°30	14°40	5°20	4°50	19°29	n.a.	W22
T 23	19 51 49	26°26'32	16°43	29♋43	28°19	16° 8	19°37	11°25	5°56	2°32	14°42	5° 7	4°46	19°36	n.a.	T 23
F 24	19 55 46	27°24'20	28°34	28°50	29°32	16°12	19°43	11°25	5°56	2°34	14°44	4°55	4°43	19°43	n.a.	F 24
S 25	19 59 42	28°22'09	10♓25	27°57	0♋44	16°17	19°49	11°26	5°56	2°36	14°46	4°45	4°40	19°49	n.a.	S 25
S 26	20 3 39	29°19'59	22°18	27° 5	1°57	16°23	19°55	11°26	5°57	2°38	14°47	4°38	4°37	19°56	n.a.	S 26
M27	20 7 35	0♌17'52	4♈17	26°16	3° 9	16°29	20° 2	11°R26	5°57	2°40	14°49	4°33	4°34	20° 3	n.a.	M27
T 28	20 11 32	1°15'46	16°25	25°30	4°22	16°36	20° 9	11°26	5°58	2°41	14°51	4°31	4°30	20°10	n.a.	T 28
W29	20 15 28	2°13'42	28°47	24°48	5°35	16°44	20°15	11°26	5°58	2°43	14°53	4°31	4°27	20°16	n.a.	W29
T 30	20 19 25	3°11'41	11♉30	24°12	6°48	16°52	20°22	11°25	5°59	2°45	14°54	4°31	4°24	20°23	n.a.	T 30
F 31	20 23 21	4♌ 9'41	24♉36	23♋41	8♋ 1	17♐ 2	20♎29	11♈25	6♏ 0	2♍47	14♋56	4♏30	4♏21	20♒30	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23n35	9n24	1n29	18n34	1s24	19n27	1s22	28s38	5s30	6s 4	1n10	1n59	2s33	13s22	0n20	12n 9	1n20	29n10	6n16	14s 4	13s39	11s 3			n.a.
T 2	23 33	13 1	0 22	18 13	1 37	19 43	1 19	28 38	5 31	6 5	1 10	2 0	2 33	13 21	0 20	12 8	1 20	29 10	6 16	14 4	13 38	11 2			n.a.
F 3	23 30	16 7	0s48	17 51	1 49	19 59	1 17	28 38	5 32	6 7	1 10	2 1	2 33	13 21	0 20	12 8	1 20	29 10	6 16	14 4	13 36	11 0			n.a.
S 4	23 26	18 25	1 58	17 31	2 2	20 15	1 14	28 37	5 33	6 8	1 9	2 2	2 34	13 21	0 20	12 7	1 20	29 10	6 16	14 4	13 35	10 58			n.a.
S 5	23 23	19 42	3 3	17 11	2 15	20 30	1 12	28 37	5 34	6 10	1 9	2 2	2 34	13 21	0 20	12 7	1 20	29 10	6 16	14 2	13 34	10 56			n.a.
M 6	23 18	19 43	3 58	16 53	2 28	20 44	1 9	28 36	5 34	6 11	1 9	2 3	2 34	13 21	0 20	12 6	1 20	29 9	6 16	14 0	13 33	10 54			n.a.
T 7	23 14	18 24	4 38	16 35	2 40	20 58	1 6	28 36	5 34	6 13	1 9	2 3	2 35	13 20	0 20	12 6	1 20	29 9	6 16	13 57	13 32	10 52			n.a.
W 8	23 9	15 49	5 0	16 19	2 53	21 11	1 3	28 35	5 34	6 14	1 8	2 4	2 35	13 20	0 20	12 5	1 20	29 9	6 16	13 54	13 31	10 50			n.a.
T 9	23 3	12 9	5 1	16 4	3 5	21 24	1 1	28 34	5 35	6 16	1 8	2 5	2 35	13 20	0 20	12 4	1 20	29 9	6 16	13 51	13 30	10 49			n.a.
F 10	22 57	7 46	4 41	15 50	3 17	21 37	0 58	28 33	5 34	6 18	1 8	2 5	2 35	13 20	0 20	12 4	1 20	29 9	6 16	13 48	13 29	10 47			n.a.
S 11	22 51	2 59	4 3	15 38	3 29	21 48	0 55	28 32	5 34	6 19	1 7	2 5	2 36	13 20	0 20	12 3	1 20	29 9	6 16	13 46	13 28	10 45			n.a.
S 12	22 44	1s52	3 11	15 28	3 40	21 59	0 52	28 31	5 34	6 21	1 7	2 6	2 36	13 20	0 20	12 3	1 20	29 9	6 16	13 45	13 27	10 43			n.a.
M13	22 37	6 30	2 8	15 20	3 51	22 10	0 49	28 30	5 33	6 23	1 7	2 6	2 36	13 20	0 20	12 2	1 20	29 9	6 16	13 45	13 26	10 41			n.a.
T 14	22 30	10 40	1 0	15 13	4 1	22 20	0 47	28 29	5 33	6 25	1 7	2 7	2 37	13 20	0 20	12 1	1 20	29 8	6 16	13 45	13 25	10 39			n.a.
W15	22 22	14 13	0n10	15 9	4 10	22 29	0 44	28 28	5 32	6 27	1 6	2 7	2 37	13 20	0 20	12 1	1 20	29 8	6 17	13 45	13 24	10 37			n.a.
T 16	22 14	16 58	1 18	15 7	4 18	22 38	0 41	28 27	5 31	6 29	1 6	2 7	2 37	13 20	0 20	12 0	1 20	29 8	6 17	13 44	13 23	10 36			n.a.
F 17	22 5	18 50	2 20	15 8	4 25	22 46	0 38	28 26	5 30	6 32	1 6	2 7	2 37	13 20	0 20	11 59	1 20	29 8	6 17	13 44	13 21	10 34			n.a.
S 18	21 56	19 45	3 15	15 10	4 31	22 53	0 35	28 25	5 29	6 34	1 6	2 7	2 38	13 20	0 20	11 59	1 20	29 8	6 17	13 42	13 20	10 32			n.a.
S 19	21 47	19 42	3 59	15 15	4 35	23 0	0 32	28 24	5 28	6 36	1 5	2 8	2 38	13 20	0 20	11 58	1 20	29 8	6 17	13 39	13 19	10 30			n.a.
M20	21 37	18 44	4 32	15 22	4 38	23 6	0 29	28 22	5 27	6 38	1 5	2 8	2 38	13 20	0 20	11 57	1 20	29 8	6 17	13 35	13 18	10 28			n.a.
T 21	21 27	16 56	4 53	15 32	4 39	23 12	0 26	28 21	5 26	6 41	1 5	2 8	2 39	13 20	0 20	11 57	1 20	29 8	6 17	13 31	13 17	10 26			n.a.
W22	21 16	14 25	5 0	15 43	4 38	23 16	0 23	28 20	5 25	6 43	1 5	2 8	2 39	13 20	0 20	11 56	1 20	29 7	6 17	13 26	13 16	10 24			n.a.
T 23	21 5	11 19	4 54	15 57	4 35	23 21	0 21	28 19	5 23	6 46	1 4	2 8	2 39	13 20	0 20	11 55	1 20	29 7	6 17	13 22	13 15	10 23			n.a.
F 24	20 54	7 48	4 35	16 12	4 30	23 24	0 18	28 18	5 22	6 48	1 4	2 7	2 39	13 20	0 20	11 55	1 20	29 7	6 17	13 18	13 14	10 21			n.a.
S 25	20 43	3 58	4 5	16 29	4 24	23 27	0 15	28 17	5 20	6 51	1 4	2 7	2 40	13 20	0 20	11 54	1 20	29 7	6 17	13 15	13 13	10 19			n.a.
S 26	20 31	0n 1	3 23	16 47	4 15	23 29	0 12	28 16	5 18	6 54	1 3	2 7	2 40	13 20	0 20	11 53	1 20	29 7	6 18	13 12	13 12	10 17			n.a.
M27	20 18	4 3	2 33	17 7	4 5	23 30	0 9	28 15	5 17	6 56	1 3	2 7	2 40	13 20	0 20	11 52	1 20	29 7	6 18	13 11	13 11	10 15			n.a.
T 28	20 6	7 58	1 34	17 27	3 53	23 31	0 6	28 14	5 15	6 59	1 3	2 7	2 41	13 21	0 20	11 52	1 20	29 7	6 18	13 10	13 10	10 13			n.a.
W29	19 53	11 38	0 30	17 48	3 40	23 31	0 3	28 13	5 13	7 2	1 3	2 6	2 41	13 21	0 20	11 51	1 20	29 7	6 18	13 10	13 9	10 11			n.a.
T 30	19 39	14 52	0s37	18 9	3 25	23 31	0 1	28 12	5 11	7 5	1 2	2 6	2 41	13 21	0 19	11 50	1 20	29 7	6 18	13 10	13 7	10 9			n.a.
F 31	19n25	17n26	1s44	18n29	3s 9	23n29	0n 2	28s11	5s10	7s 8	1n 2	2n 6	2s41	13s21	0n19	11n49	1n20	29n 7	6n18	13s 9	13s 6	10s 8			n.a.

Julian Day Number = 1708820.5, Delta T = 03h01m47s
Ecliptic obliquity = 23°41'49, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°32'21, Lahiri = - 4°25'20 Julian Calendar 1 July 35 BCE == Greg. Calendar 29 June 035 BCE

The year -34 astronomical counting style corresponds to year 035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 35 BCE
geocentric

AUGUST 35 BCE (-34) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 27 18	5♌ 7'44	8♊10	23°R18	9♋13	17♐12	20♎37	11°R25	6♏ 0	2♍49	14♋58	4°R27	4♏18	20♒36	n.a.	S 1
S 2	20 31 15	6° 5'48	22°14	23♋ 2	10°27	17°23	20°44	11♈24	6° 1	2°51	14°59	4♏22	4°15	20°43	n.a.	S 2
M 3	20 35 11	7° 3'54	6♋47	22°D54	11°40	17°34	20°51	11°23	6° 2	2°54	15° 1	4°15	4°11	20°50	n.a.	M 3
T 4	20 39 8	8° 2'03	21°44	22°54	12°53	17°47	20°59	11°23	6° 3	2°56	15° 3	4° 5	4° 8	20°57	n.a.	T 4
W 5	20 43 4	9° 0'13	6♌57	23° 2	14° 6	18° 0	21° 7	11°22	6° 3	2°58	15° 4	3°54	4° 5	21° 3	n.a.	W 5
T 6	20 47 1	9°58'25	22°16	23°19	15°19	18°13	21°15	11°21	6° 4	3° 0	15° 6	3°43	4° 2	21°10	n.a.	T 6
F 7	20 50 57	10°56'39	7♍28	23°45	16°32	18°28	21°23	11°20	6° 5	3° 2	15° 8	3°34	3°59	21°17	n.a.	F 7
S 8	20 54 54	11°54'54	22°24	24°19	17°46	18°43	21°31	11°19	6° 7	3° 4	15° 9	3°27	3°55	21°23	n.a.	S 8
S 9	20 58 50	12°53'11	6♎57	25° 2	18°59	18°59	21°39	11°17	6° 8	3° 6	15°11	3°22	3°52	21°30	n.a.	S 9
M10	21 2 47	13°51'30	21° 3	25°52	20°13	19°15	21°47	11°16	6° 9	3° 8	15°13	3°20	3°49	21°37	n.a.	M10
T 11	21 6 44	14°49'50	4♏41	26°50	21°26	19°32	21°56	11°14	6°10	3°10	15°14	3°D20	3°46	21°44	n.a.	T 11
W12	21 10 40	15°48'12	17°54	27°55	22°40	19°50	22° 5	11°13	6°11	3°12	15°16	3°R20	3°43	21°50	n.a.	W12
T 13	21 14 37	16°46'36	0♐46	29° 6	23°53	20° 8	22°13	11°11	6°13	3°15	15°17	3°19	3°40	21°57	n.a.	T 13
F 14	21 18 33	17°45'01	13°20	0♌24	25° 7	20°27	22°22	11° 9	6°14	3°17	15°19	3°17	3°36	22° 4	n.a.	F 14
S 15	21 22 30	18°43'28	25°39	1°48	26°21	20°47	22°31	11° 7	6°15	3°19	15°21	3°12	3°33	22°11	n.a.	S 15
S 16	21 26 26	19°41'57	7♉49	3°16	27°34	21° 7	22°40	11° 5	6°17	3°21	15°22	3° 4	3°30	22°17	n.a.	S 16
M17	21 30 23	20°40'28	19°51	4°49	28°48	21°27	22°49	11° 3	6°18	3°23	15°24	2°53	3°27	22°24	n.a.	M17
T 18	21 34 19	21°39'00	1♒48	6°25	0♌ 2	21°49	22°59	11° 1	6°20	3°26	15°25	2°41	3°24	22°31	n.a.	T 18
W19	21 38 16	22°37'35	13°42	8° 5	1°16	22°10	23° 8	10°59	6°21	3°28	15°27	2°28	3°21	22°37	n.a.	W19
T 20	21 42 13	23°36'11	25°34	9°48	2°30	22°32	23°18	10°56	6°23	3°30	15°28	2°15	3°17	22°44	n.a.	T 20
F 21	21 46 9	24°34'50	7♓27	11°33	3°44	22°55	23°27	10°54	6°25	3°32	15°30	2° 4	3°14	22°51	n.a.	F 21
S 22	21 50 6	25°33'30	19°20	13°19	4°58	23°18	23°37	10°51	6°26	3°34	15°31	1°54	3°11	22°58	n.a.	S 22
S 23	21 54 2	26°32'13	1♈17	15° 8	6°12	23°42	23°47	10°48	6°28	3°37	15°32	1°47	3° 8	23° 4	n.a.	S 23
M24	21 57 59	27°30'58	13°19	16°57	7°26	24° 6	23°57	10°46	6°30	3°39	15°34	1°43	3° 5	23°11	n.a.	M24
T 25	22 1 55	28°29'45	25°30	18°47	8°40	24°31	24° 7	10°43	6°32	3°41	15°35	1°42	3° 1	23°18	n.a.	T 25
W26	22 5 52	29°28'35	7♉55	20°37	9°54	24°56	24°17	10°40	6°34	3°43	15°37	1°D42	2°58	23°24	n.a.	W26
T 27	22 9 48	0♍27'26	20°36	22°28	11° 9	25°22	24°27	10°37	6°36	3°45	15°38	1°42	2°55	23°31	n.a.	T 27
F 28	22 13 45	1°26'21	3♊38	24°19	12°23	25°48	24°37	10°34	6°38	3°48	15°39	1°R43	2°52	23°38	n.a.	F 28
S 29	22 17 41	2°25'18	17° 5	26° 9	13°37	26°14	24°48	10°30	6°40	3°50	15°41	1°42	2°49	23°45	n.a.	S 29
S 30	22 21 38	3°24'17	0♋59	27°59	14°52	26°41	24°58	10°27	6°42	3°52	15°42	1°39	2°46	23°51	n.a.	S 30
M31	22 25 35	4♍23'19	15♋22	29♌49	16♌ 6	27♐ 8	25♎ 9	10♈24	6♏44	3♍54	15♋43	1♏33	2♏42	23♒58	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n11	19n 9	2s48	18n50	2s52	23n27	0n 5	28s10	5s 8	7s11	1n 2	2n 5	2s42	13s22	0n19	11n49	1n20	29n 7	6n18	13s 9	13s 5	10s 6		n.a.
S 2	18 57	19 45	3 44	19 10	2 35	23 25	0 8	28 10	5 6	7 14	1 2	2 5	2 42	13 22	0 19	11 48	1 20	29 7	6 18	13 7	13 4	10 4		n.a.
M 3	18 42	19 5	4 27	19 29	2 17	23 21	0 10	28 9	5 4	7 17	1 1	2 4	2 42	13 22	0 19	11 47	1 20	29 6	6 19	13 4	13 3	10 2		n.a.
T 4	18 27	17 5	4 54	19 46	1 59	23 17	0 13	28 8	5 2	7 20	1 1	2 4	2 42	13 22	0 19	11 46	1 20	29 6	6 19	13 1	13 2	10 0		n.a.
W 5	18 12	13 54	5 0	20 3	1 41	23 12	0 16	28 7	4 59	7 23	1 1	2 3	2 43	13 23	0 19	11 46	1 20	29 6	6 19	12 57	13 1	9 58		n.a.
T 6	17 56	9 45	4 45	20 18	1 23	23 7	0 18	28 6	4 57	7 26	1 1	2 2	2 43	13 23	0 19	11 45	1 20	29 6	6 19	12 53	13 0	9 56		n.a.
F 7	17 40	5 0	4 10	20 31	1 5	23 1	0 21	28 5	4 55	7 29	1 1	2 2	2 43	13 24	0 19	11 44	1 20	29 6	6 19	12 50	12 59	9 54		n.a.
S 8	17 24	0 1	3 18	20 42	0 48	22 54	0 24	28 5	4 53	7 33	1 0	2 1	2 44	13 24	0 19	11 43	1 20	29 6	6 19	12 48	12 58	9 53		n.a.
S 9	17 8	4s51	2 15	20 51	0 31	22 46	0 26	28 4	4 51	7 36	1 0	2 0	2 44	13 24	0 19	11 43	1 20	29 6	6 19	12 46	12 57	9 51		n.a.
M10	16 51	9 18	1 5	20 57	0 15	22 38	0 29	28 3	4 48	7 39	1 0	1 59	2 44	13 25	0 19	11 42	1 20	29 6	6 20	12 46	12 56	9 49		n.a.
T 11	16 34	13 7	0n 7	21 1	0n 0	22 29	0 31	28 2	4 46	7 43	1 0	1 59	2 44	13 25	0 19	11 41	1 19	29 6	6 20	12 45	12 54	9 47		n.a.
W12	16 16	16 8	1 16	21 3	0 15	22 19	0 34	28 1	4 44	7 46	0 59	1 58	2 45	13 26	0 19	11 40	1 19	29 6	6 20	12 45	12 53	9 45		n.a.
T 13	15 59	18 15	2 20	21 1	0 28	22 9	0 36	28 0	4 42	7 50	0 59	1 57	2 45	13 26	0 19	11 39	1 19	29 6	6 20	12 45	12 52	9 43		n.a.
F 14	15 41	19 25	3 15	20 57	0 41	21 58	0 39	28 0	4 39	7 53	0 59	1 56	2 45	13 26	0 19	11 39	1 19	29 6	6 20	12 44	12 51	9 41		n.a.
S 15	15 22	19 38	4 0	20 49	0 52	21 47	0 41	27 59	4 37	7 57	0 59	1 55	2 45	13 27	0 19	11 38	1 19	29 6	6 20	12 43	12 50	9 39		n.a.
S 16	15 4	18 55	4 33	20 39	1 2	21 35	0 43	27 58	4 35	8 0	0 59	1 54	2 46	13 27	0 19	11 37	1 19	29 6	6 21	12 40	12 49	9 37		n.a.
M17	14 45	17 22	4 54	20 26	1 12	21 22	0 45	27 57	4 32	8 4	0 58	1 53	2 46	13 28	0 19	11 36	1 19	29 6	6 21	12 36	12 48	9 36		n.a.
T 18	14 26	15 5	5 1	20 9	1 20	21 8	0 48	27 56	4 30	8 8	0 58	1 52	2 46	13 29	0 19	11 35	1 19	29 6	6 21	12 32	12 47	9 34		n.a.
W19	14 7	12 10	4 56	19 50	1 27	20 54	0 50	27 55	4 28	8 11	0 58	1 51	2 46	13 29	0 19	11 35	1 19	29 6	6 21	12 28	12 46	9 32		n.a.
T 20	13 48	8 47	4 37	19 29	1 33	20 39	0 52	27 54	4 25	8 15	0 58	1 49	2 47	13 30	0 19	11 34	1 19	29 6	6 21	12 23	12 45	9 30		n.a.
F 21	13 28	5 3	4 7	19 5	1 38	20 24	0 54	27 53	4 23	8 19	0 57	1 48	2 47	13 30	0 19	11 33	1 19	29 6	6 21	12 19	12 44	9 28		n.a.
S 22	13 8	1 7	3 25	18 38	1 42	20 8	0 56	27 52	4 20	8 23	0 57	1 47	2 47	13 31	0 19	11 32	1 19	29 6	6 22	12 16	12 42	9 26		n.a.
S 23	12 48	2n52	2 35	18 9	1 46	19 51	0 58	27 51	4 18	8 27	0 57	1 46	2 47	13 31	0 19	11 31	1 19	29 6	6 22	12 13	12 41	9 24		n.a.
M24	12 28	6 47	1 36	17 38	1 48	19 34	1 0	27 49	4 16	8 31	0 57	1 44	2 47	13 32	0 19	11 31	1 19	29 6	6 22	12 12	12 40	9 22		n.a.
T 25	12 7	10 29	0 33	17 6	1 50	19 17	1 2	27 48	4 13	8 34	0 57	1 43	2 48	13 33	0 19	11 30	1 20	29 6	6 22	12 11	12 39	9 20		n.a.
W26	11 47	13 46	0s33	16 31	1 51	18 58	1 3	27 47	4 11	8 38	0 56	1 42	2 48	13 33	0 19	11 29	1 20	29 6	6 22	12 11	12 38	9 19		n.a.
T 27	11 26	16 30	1 39	15 55	1 51	18 40	1 5	27 45	4 9	8 42	0 56	1 40	2 48	13 34	0 19	11 28	1 20	29 6	6 23	12 12	12 37	9 17		n.a.
F 28	11 5	18 27	2 42	15 17	1 50	18 20	1 7	27 44	4 6	8 46	0 56	1 39	2 48	13 35	0 19	11 27	1 20	29 6	6 23	12 12	12 36	9 15		n.a.
S 29	10 43	19 27	3 38	14 39	1 49	18 0	1 8	27 42	4 4	8 50	0 56	1 37	2 49	13 35	0 19	11 26	1 20	29 6	6 23	12 11	12 35	9 13		n.a.
S 30	10 22	19 18	4 23	13 59	1 47	17 40	1 10	27 41	4 1	8 54	0 56	1 36	2 49	13 36	0 19	11 26	1 20	29 6	6 23	12 10	12 34	9 11		n.a.
M31	10n 0	17n56	4s54	13n18	1n45	17n19	1n11	27s39	3s59	8s58	0n56	1n34	2s49	13s37	0n19	11n25	1n20	29n 6	6n23	12s 8	12s33	9s 9		n.a.

Julian Day Number = 1708851.5, Delta T = 03h01m46s
Ecliptic obliquity = 23°41'49, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°32'17, Lahiri = - 4°25'16 Julian Calendar 1 Aug. 35 BCE == Greg. Calendar 30 July 035 BCE

The year -34 astronomical counting style corresponds to year 035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 35 BCE
geocentric

SEPTEMBER 35 BCE (-34) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 29 31	5♍22'22	0♌ 9	1♍38	17♌21	27♐36	25♎20	10°R20	6♏46	3♍57	15♋44	1°R26	2♏39	24♒ 5	n.a.	T 1
W 2	22 33 28	6°21'29	15°16	3°27	18°35	28° 4	25°30	10♈17	6°49	3°59	15°46	1♏18	2°36	24°11	n.a.	W 2
T 3	22 37 24	7°20'37	0♍32	5°14	19°50	28°32	25°41	10°13	6°51	4° 1	15°47	1° 9	2°33	24°18	n.a.	T 3
F 4	22 41 21	8°19'48	15°47	7° 2	21° 4	29° 1	25°52	10° 9	6°53	4° 3	15°48	1° 2	2°30	24°25	n.a.	F 4
S 5	22 45 17	9°19'01	0♎49	8°48	22°19	29°30	26° 3	10° 6	6°56	4° 6	15°49	0°57	2°27	24°32	n.a.	S 5
S 6	22 49 14	10°18'15	15°31	10°34	23°34	29°59	26°14	10° 2	6°58	4° 8	15°51	0°53	2°23	24°38	n.a.	S 6
M 7	22 53 10	11°17'32	29°47	12°18	24°48	0♑29	26°26	9°58	7° 0	4°10	15°52	0°D52	2°20	24°45	n.a.	M 7
T 8	22 57 7	12°16'51	13♏35	14° 3	26° 3	1° 0	26°37	9°54	7° 3	4°12	15°53	0°53	2°17	24°52	n.a.	T 8
W 9	23 1 4	13°16'11	26°55	15°46	27°18	1°30	26°48	9°50	7° 5	4°15	15°54	0°54	2°14	24°58	n.a.	W 9
T 10	23 5 0	14°15'34	9♐50	17°28	28°33	2° 1	27° 0	9°46	7° 8	4°17	15°55	0°R55	2°11	25° 5	n.a.	T 10
F 11	23 8 57	15°14'58	22°24	19°10	29°47	2°32	27°11	9°42	7°10	4°19	15°56	0°55	2° 7	25°12	n.a.	F 11
S 12	23 12 53	16°14'24	4♑42	20°51	1♍ 2	3° 3	27°23	9°37	7°13	4°21	15°57	0°53	2° 4	25°18	n.a.	S 12
S 13	23 16 50	17°13'52	16°48	22°31	2°17	3°35	27°34	9°33	7°16	4°23	15°58	0°49	2° 1	25°25	n.a.	S 13
M14	23 20 46	18°13'22	28°46	24°11	3°32	4° 7	27°46	9°29	7°18	4°26	15°59	0°43	1°58	25°32	n.a.	M14
T 15	23 24 43	19°12'54	10♒39	25°49	4°47	4°40	27°58	9°24	7°21	4°28	16° 0	0°36	1°55	25°39	n.a.	T 15
W16	23 28 39	20°12'28	22°31	27°27	6° 2	5°12	28°10	9°20	7°24	4°30	16° 1	0°28	1°52	25°45	n.a.	W16
T 17	23 32 36	21°12'03	4♓23	29° 5	7°17	5°45	28°22	9°15	7°27	4°32	16° 2	0°21	1°48	25°52	n.a.	T 17
F 18	23 36 32	22°11'41	16°19	0♎41	8°32	6°18	28°34	9°11	7°30	4°34	16° 3	0°14	1°45	25°59	n.a.	F 18
S 19	23 40 29	23°11'21	28°18	2°17	9°47	6°51	28°46	9° 6	7°33	4°36	16° 4	0° 8	1°42	26° 5	n.a.	S 19
S 20	23 44 26	24°11'03	10♈24	3°53	11° 2	7°25	28°58	9° 2	7°35	4°38	16° 4	0° 5	1°39	26°12	n.a.	S 20
M21	23 48 22	25°10'47	22°37	5°27	12°17	7°59	29°10	8°57	7°38	4°41	16° 5	0° 3	1°36	26°19	n.a.	M21
T 22	23 52 19	26°10'33	4♉59	7° 1	13°32	8°33	29°22	8°52	7°41	4°43	16° 6	0°D 3	1°32	26°26	n.a.	T 22
W23	23 56 15	27°10'22	17°34	8°35	14°48	9° 7	29°35	8°48	7°44	4°45	16° 7	0° 4	1°29	26°32	n.a.	W23
T 24	0 0 12	28°10'13	0♊22	10° 8	16° 3	9°42	29°47	8°43	7°47	4°47	16° 8	0° 5	1°26	26°39	n.a.	T 24
F 25	0 4 8	29°10'06	13°27	11°40	17°18	10°16	29°59	8°38	7°50	4°49	16° 8	0° 7	1°23	26°46	n.a.	F 25
S 26	0 8 5	0♎10'01	26°52	13°12	18°33	10°51	0♏12	8°33	7°54	4°51	16° 9	0°R 8	1°20	26°52	n.a.	S 26
S 27	0 12 1	1° 9'59	10♋39	14°43	19°49	11°26	0°24	8°29	7°57	4°53	16°10	0° 8	1°17	26°59	n.a.	S 27
M28	0 15 58	2°10'00	24°47	16°14	21° 4	12° 1	0°37	8°24	8° 0	4°55	16°10	0° 6	1°13	27° 6	n.a.	M28
T 29	0 19 55	3°10'02	9♌16	17°44	22°19	12°37	0°50	8°19	8° 3	4°57	16°11	0° 3	1°10	27°13	n.a.	T 29
W30	0 23 51	4♎10'07	24♌ 3	19♎14	23♍34	13♑13	1♏ 2	8♈14	8♏ 6	4♍59	16♋11	29♎59	1♏ 7	27♒19	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9n38	15n22	5s 5	12n36	1n42	16n57	1n13	27s37	3s57	9s 3	0n55	1n33	2s49	13s38	0n19	11n24	1n20	29n 6	6n24	12s 6	12s31	9s 7		n.a.
W 2	9 16	11 42	4 57	11 53	1 39	16 36	1 14	27 35	3 54	9 7	0 55	1 31	2 49	13 38	0 19	11 23	1 20	29 6	6 24	12 3	12 30	9 5		n.a.
T 3	8 54	7 15	4 27	11 10	1 36	16 13	1 15	27 33	3 52	9 11	0 55	1 30	2 50	13 39	0 19	11 22	1 20	29 6	6 24	12 0	12 29	9 3		n.a.
F 4	8 32	2 19	3 38	10 26	1 32	15 50	1 17	27 31	3 49	9 15	0 55	1 28	2 50	13 40	0 19	11 22	1 20	29 6	6 24	11 57	12 28	9 1		n.a.
S 5	8 10	2s41	2 34	9 42	1 27	15 27	1 18	27 29	3 47	9 19	0 55	1 26	2 50	13 41	0 19	11 21	1 20	29 6	6 24	11 56	12 27	9 0		n.a.
S 6	7 47	7 26	1 22	8 58	1 23	15 3	1 19	27 26	3 45	9 23	0 54	1 25	2 50	13 42	0 19	11 20	1 20	29 6	6 25	11 54	12 26	8 58		n.a.
M 7	7 24	11 37	0 6	8 13	1 18	14 39	1 20	27 24	3 42	9 28	0 54	1 23	2 50	13 42	0 19	11 19	1 20	29 7	6 25	11 54	12 25	8 56		n.a.
T 8	7 2	15 0	1n 8	7 27	1 13	14 14	1 21	27 21	3 40	9 32	0 54	1 21	2 50	13 43	0 19	11 18	1 20	29 7	6 25	11 54	12 24	8 54		n.a.
W 9	6 39	17 29	2 16	6 42	1 7	13 49	1 22	27 19	3 38	9 36	0 54	1 20	2 50	13 44	0 18	11 18	1 20	29 7	6 25	11 55	12 23	8 52		n.a.
T 10	6 16	18 57	3 15	5 57	1 1	13 24	1 23	27 16	3 35	9 41	0 54	1 18	2 51	13 45	0 18	11 17	1 20	29 7	6 25	11 55	12 22	8 50		n.a.
F 11	5 52	19 27	4 2	5 11	0 56	12 58	1 24	27 13	3 33	9 45	0 54	1 16	2 51	13 46	0 18	11 16	1 20	29 7	6 26	11 55	12 20	8 48		n.a.
S 12	5 29	18 59	4 38	4 25	0 50	12 32	1 24	27 10	3 31	9 49	0 53	1 14	2 51	13 47	0 18	11 15	1 20	29 7	6 26	11 54	12 19	8 46		n.a.
S 13	5 6	17 40	5 0	3 40	0 44	12 6	1 25	27 7	3 28	9 54	0 53	1 12	2 51	13 48	0 18	11 14	1 20	29 7	6 26	11 53	12 18	8 44		n.a.
M14	4 42	15 35	5 9	2 54	0 37	11 39	1 26	27 4	3 26	9 58	0 53	1 11	2 51	13 49	0 18	11 14	1 20	29 7	6 26	11 51	12 17	8 42		n.a.
T 15	4 19	12 52	5 4	2 9	0 31	11 12	1 26	27 0	3 24	10 2	0 53	1 9	2 51	13 49	0 18	11 13	1 20	29 7	6 27	11 48	12 16	8 40		n.a.
W16	3 55	9 38	4 47	1 24	0 24	10 44	1 27	26 57	3 21	10 7	0 53	1 7	2 51	13 50	0 18	11 12	1 20	29 7	6 27	11 46	12 15	8 39		n.a.
T 17	3 31	6 1	4 17	0 39	0 18	10 16	1 27	26 53	3 19	10 11	0 53	1 5	2 51	13 51	0 18	11 11	1 20	29 7	6 27	11 43	12 14	8 37		n.a.
F 18	3 8	2 9	3 35	0s 6	0 11	9 48	1 27	26 49	3 17	10 16	0 52	1 3	2 52	13 52	0 18	11 10	1 20	29 8	6 27	11 40	12 13	8 35		n.a.
S 19	2 44	1n49	2 44	0 51	0 4	9 20	1 28	26 45	3 14	10 20	0 52	1 1	2 52	13 53	0 18	11 10	1 20	29 8	6 28	11 39	12 12	8 33		n.a.
S 20	2 20	5 46	1 45	1 36	0s 2	8 51	1 28	26 41	3 12	10 25	0 52	0 59	2 52	13 54	0 18	11 9	1 20	29 8	6 28	11 37	12 10	8 31		n.a.
M21	1 56	9 31	0 40	2 20	0 9	8 22	1 28	26 37	3 10	10 29	0 52	0 57	2 52	13 55	0 18	11 8	1 20	29 8	6 28	11 37	12 9	8 29		n.a.
T 22	1 32	12 54	0s27	3 4	0 16	7 53	1 28	26 32	3 8	10 34	0 52	0 56	2 52	13 56	0 18	11 7	1 20	29 8	6 28	11 37	12 8	8 27		n.a.
W23	1 8	15 45	1 34	3 47	0 23	7 24	1 28	26 28	3 5	10 38	0 52	0 54	2 52	13 57	0 18	11 7	1 20	29 8	6 29	11 37	12 7	8 25		n.a.
T 24	0 44	17 52	2 38	4 30	0 30	6 54	1 28	26 23	3 3	10 43	0 52	0 52	2 52	13 58	0 18	11 6	1 20	29 8	6 29	11 37	12 6	8 23		n.a.
F 25	0 20	19 6	3 36	5 13	0 36	6 25	1 28	26 18	3 1	10 47	0 51	0 50	2 52	13 59	0 18	11 5	1 20	29 9	6 29	11 38	12 5	8 21		n.a.
S 26	0s 4	19 17	4 23	5 56	0 43	5 55	1 27	26 13	2 59	10 52	0 51	0 48	2 52	14 0	0 18	11 4	1 20	29 9	6 29	11 38	12 4	8 19		n.a.
S 27	0 28	18 21	4 56	6 38	0 50	5 25	1 27	26 8	2 57	10 56	0 51	0 46	2 52	14 1	0 18	11 4	1 20	29 9	6 29	11 38	12 3	8 17		n.a.
M28	0 52	16 17	5 12	7 19	0 56	4 54	1 27	26 3	2 54	11 1	0 51	0 44	2 52	14 2	0 18	11 3	1 20	29 9	6 30	11 38	12 1	8 16		n.a.
T 29	1 16	13 9	5 10	8 0	1 3	4 24	1 26	25 57	2 52	11 5	0 51	0 42	2 52	14 3	0 18	11 2	1 20	29 9	6 30	11 37	12 0	8 14		n.a.
W30	1s40	9n 9	4s47	8s41	1s10	3n53	1n26	25s51	2s50	11s10	0n51	0n40	2s52	14s 4	0n18	11n 1	1n20	29n 9	6n30	11s35	11s59	8s12		n.a.

Julian Day Number = 1708882.5, Delta T = 03h01m45s
Ecliptic obliquity = 23°41'49, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°32'12, Lahiri = - 4°25'12 Julian Calendar 1 Sept. 35 BCE == Greg. Calendar 30 Aug. 035 BCE

The year -34 astronomical counting style corresponds to year 035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 35 BCE
geocentric

OCTOBER 35 BCE (-34) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 27 48	5♎10'14	8♍59	20♎43	24♍50	13♉48	1♏15	8°R 9	8♏ 9	5♍ 1	16♋12	29°R56	1♏ 4	27♒26	n.a.	T 1
F 2	0 31 44	6°10'22	23°59	22°11	26° 5	14°25	1°28	8♈ 4	8°13	5° 3	16°13	29♎53	1° 1	27°33	n.a.	F 2
S 3	0 35 41	7°10'33	8♎52	23°39	27°21	15° 1	1°41	7°59	8°16	5° 5	16°13	29°51	0°58	27°39	n.a.	S 3
S 4	0 39 37	8°10'46	23°30	25° 7	28°36	15°37	1°53	7°55	8°19	5° 7	16°14	29°D50	0°54	27°46	n.a.	S 4
M 5	0 43 34	9°11'01	7♏48	26°34	29°51	16°14	2° 6	7°50	8°23	5° 9	16°14	29°50	0°51	27°53	n.a.	M 5
T 6	0 47 30	10°11'17	21°41	28° 0	1♎ 7	16°50	2°19	7°45	8°26	5°11	16°14	29°50	0°48	28° 0	n.a.	T 6
W 7	0 51 27	11°11'36	5♐ 7	29°25	2°22	17°27	2°32	7°40	8°29	5°13	16°15	29°52	0°45	28° 6	n.a.	W 7
T 8	0 55 23	12°11'55	18° 9	0♏50	3°38	18° 4	2°45	7°35	8°33	5°15	16°15	29°53	0°42	28°13	n.a.	T 8
F 9	0 59 20	13°12'17	0♑49	2°14	4°53	18°42	2°58	7°30	8°36	5°17	16°16	29°54	0°38	28°20	n.a.	F 9
S 10	1 3 17	14°12'40	13° 9	3°37	6° 9	19°19	3°11	7°25	8°40	5°18	16°16	29°R55	0°35	28°26	n.a.	S 10
S 11	1 7 13	15°13'04	25°16	4°59	7°24	19°56	3°25	7°20	8°43	5°20	16°16	29°55	0°32	28°33	n.a.	S 11
M12	1 11 10	16°13'30	7♒14	6°21	8°39	20°34	3°38	7°16	8°47	5°22	16°16	29°54	0°29	28°40	n.a.	M12
T 13	1 15 6	17°13'57	19° 6	7°41	9°55	21°12	3°51	7°11	8°50	5°24	16°17	29°52	0°26	28°46	n.a.	T 13
W14	1 19 3	18°14'26	0♓57	9° 0	11°10	21°50	4° 4	7° 6	8°54	5°26	16°17	29°50	0°23	28°53	n.a.	W14
T 15	1 22 59	19°14'56	12°51	10°17	12°26	22°28	4°17	7° 1	8°57	5°27	16°17	29°49	0°19	29° 0	n.a.	T 15
F 16	1 26 56	20°15'28	24°51	11°34	13°41	23° 6	4°31	6°57	9° 1	5°29	16°17	29°47	0°16	29° 7	n.a.	F 16
S 17	1 30 52	21°16'01	6♈59	12°48	14°57	23°44	4°44	6°52	9° 4	5°31	16°17	29°46	0°13	29°13	n.a.	S 17
S 18	1 34 49	22°16'36	19°17	14° 1	16°12	24°22	4°57	6°47	9° 8	5°32	16°17	29°45	0°10	29°20	n.a.	S 18
M19	1 38 46	23°17'12	1♉45	15°12	17°28	25° 1	5°10	6°43	9°11	5°34	16°17	29°D45	0° 7	29°27	n.a.	M19
T 20	1 42 42	24°17'50	14°27	16°20	18°44	25°39	5°24	6°38	9°15	5°36	16°17	29°46	0° 3	29°33	n.a.	T 20
W21	1 46 39	25°18'30	27°20	17°25	19°59	26°18	5°37	6°34	9°19	5°37	16°R17	29°46	0° 0	29°40	n.a.	W21
T 22	1 50 35	26°19'12	10♊27	18°28	21°15	26°57	5°51	6°29	9°22	5°39	16°17	29°46	29♎57	29°47	n.a.	T 22
F 23	1 54 32	27°19'55	23°48	19°27	22°30	27°35	6° 4	6°25	9°26	5°41	16°17	29°47	29°54	29°54	n.a.	F 23
S 24	1 58 28	28°20'40	7♋22	20°22	23°46	28°14	6°18	6°21	9°29	5°42	16°17	29°47	29°51	0♓ 0	n.a.	S 24
S 25	2 2 25	29°21'26	21°10	21°13	25° 1	28°53	6°31	6°16	9°33	5°44	16°17	29°47	29°48	0° 7	n.a.	S 25
M26	2 6 21	0♏22'14	5♌11	21°59	26°17	29°33	6°44	6°12	9°37	5°45	16°17	29°47	29°44	0°14	n.a.	M26
T 27	2 10 18	1°23'04	19°24	22°39	27°32	0♒12	6°58	6° 8	9°40	5°46	16°17	29°47	29°41	0°20	n.a.	T 27
W28	2 14 15	2°23'56	3♍48	23°13	28°48	0°51	7°11	6° 4	9°44	5°48	16°17	29°47	29°38	0°27	n.a.	W28
T 29	2 18 11	3°24'49	18°17	23°40	0♏ 4	1°30	7°25	6° 0	9°48	5°49	16°16	29°47	29°35	0°34	n.a.	T 29
F 30	2 22 8	4°25'43	2♎49	23°59	1°19	2°10	7°38	5°56	9°52	5°51	16°16	29°48	29°32	0°40	n.a.	F 30
S 31	2 26 4	5♏26'39	17♎17	24♏ 9	2♏35	2♒49	7♏52	5♈52	9♏55	5♍52	16♋16	29♎48	29♎29	0♓47	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s 5	4n31	4s 4	9s21	1s16	3n23	1n25	25s45	2s48	11s15	0n51	0n38	2s52	14s 6	0n18	11n 1	1n20	29n10	6n30	11s34	11s58	8s10		n.a.
F 2	2 29	0s24	3 5	10 0	1 22	2 52	1 25	25 39	2 46	11 19	0 51	0 36	2 52	14 7	0 18	11 0	1 20	29 10	6 31	11 33	11 57	8 8		n.a.
S 3	2 53	5 17	1 53	10 39	1 28	2 21	1 24	25 33	2 44	11 24	0 50	0 34	2 52	14 8	0 18	10 59	1 20	29 10	6 31	11 32	11 56	8 6		n.a.
S 4	3 17	9 46	0 35	11 17	1 34	1 50	1 23	25 27	2 42	11 28	0 50	0 32	2 52	14 9	0 18	10 59	1 20	29 10	6 31	11 32	11 55	8 4		n.a.
M 5	3 41	13 34	0n44	11 55	1 40	1 19	1 22	25 20	2 40	11 33	0 50	0 30	2 52	14 10	0 18	10 58	1 20	29 10	6 31	11 32	11 54	8 2		n.a.
T 6	4 5	16 29	1 58	12 31	1 46	0 48	1 22	25 14	2 37	11 38	0 50	0 28	2 52	14 11	0 18	10 57	1 20	29 11	6 32	11 32	11 53	8 0		n.a.
W 7	4 28	18 23	3 3	13 7	1 52	0 17	1 21	25 7	2 35	11 42	0 50	0 26	2 52	14 12	0 18	10 57	1 20	29 11	6 32	11 33	11 51	7 58		n.a.
T 8	4 52	19 14	3 56	13 43	1 57	0s14	1 20	25 0	2 33	11 47	0 50	0 25	2 52	14 13	0 18	10 56	1 20	29 11	6 32	11 33	11 50	7 56		n.a.
F 9	5 16	19 5	4 37	14 17	2 2	0 46	1 19	24 52	2 31	11 51	0 50	0 23	2 52	14 14	0 18	10 55	1 20	29 11	6 33	11 34	11 49	7 54		n.a.
S 10	5 40	18 1	5 3	14 51	2 7	1 17	1 17	24 45	2 29	11 56	0 50	0 21	2 52	14 15	0 18	10 55	1 20	29 11	6 33	11 34	11 48	7 53		n.a.
S 11	6 3	16 9	5 15	15 23	2 12	1 48	1 16	24 37	2 27	12 1	0 49	0 19	2 52	14 17	0 18	10 54	1 21	29 12	6 33	11 34	11 47	7 51		n.a.
M12	6 27	13 36	5 14	15 55	2 16	2 19	1 15	24 30	2 25	12 5	0 49	0 17	2 52	14 18	0 18	10 53	1 21	29 12	6 33	11 33	11 46	7 49		n.a.
T 13	6 50	10 32	4 59	16 26	2 20	2 50	1 14	24 22	2 23	12 10	0 49	0 15	2 52	14 19	0 18	10 53	1 21	29 12	6 34	11 33	11 45	7 47		n.a.
W14	7 14	7 2	4 31	16 55	2 24	3 21	1 13	24 14	2 21	12 14	0 49	0 13	2 52	14 20	0 18	10 52	1 21	29 12	6 34	11 32	11 44	7 45		n.a.
T 15	7 37	3 15	3 52	17 23	2 27	3 52	1 11	24 5	2 19	12 19	0 49	0 12	2 52	14 21	0 18	10 52	1 21	29 12	6 34	11 31	11 42	7 43		n.a.
F 16	8 0	0n42	3 2	17 50	2 30	4 23	1 10	23 57	2 17	12 24	0 49	0 10	2 52	14 22	0 18	10 51	1 21	29 13	6 34	11 31	11 41	7 41		n.a.
S 17	8 23	4 41	2 3	18 16	2 33	4 54	1 8	23 48	2 15	12 28	0 49	0 8	2 52	14 24	0 18	10 50	1 21	29 13	6 35	11 31	11 40	7 39		n.a.
S 18	8 46	8 31	0 58	18 41	2 35	5 25	1 7	23 40	2 13	12 33	0 49	0 6	2 51	14 25	0 18	10 50	1 21	29 13	6 35	11 30	11 39	7 37		n.a.
M19	9 9	12 2	0s11	19 3	2 36	5 56	1 5	23 31	2 11	12 37	0 49	0 5	2 51	14 26	0 18	10 49	1 21	29 13	6 35	11 30	11 38	7 35		n.a.
T 20	9 31	15 4	1 21	19 24	2 37	6 26	1 3	23 22	2 9	12 42	0 49	0 3	2 51	14 27	0 18	10 49	1 21	29 14	6 35	11 30	11 37	7 33		n.a.
W21	9 54	17 23	2 27	19 44	2 38	6 57	1 2	23 12	2 8	12 47	0 48	0 1	2 51	14 28	0 18	10 48	1 21	29 14	6 36	11 31	11 36	7 31		n.a.
T 22	10 16	18 50	3 27	20 1	2 37	7 27	1 0	23 3	2 6	12 51	0 48	0s 1	2 51	14 29	0 18	10 47	1 21	29 14	6 36	11 31	11 35	7 29		n.a.
F 23	10 38	19 16	4 17	20 17	2 36	7 57	0 58	22 53	2 4	12 56	0 48	0 2	2 51	14 31	0 18	10 47	1 21	29 14	6 36	11 31	11 33	7 27		n.a.
S 24	11 0	18 36	4 54	20 30	2 34	8 27	0 57	22 43	2 2	13 0	0 48	0 4	2 51	14 32	0 18	10 46	1 21	29 15	6 36	11 31	11 32	7 26		n.a.
S 25	11 22	16 50	5 14	20 42	2 32	8 56	0 55	22 34	2 0	13 5	0 48	0 5	2 51	14 33	0 18	10 46	1 21	29 15	6 37	11 31	11 31	7 24		n.a.
M26	11 43	14 4	5 16	20 50	2 28	9 26	0 53	22 23	1 58	13 9	0 48	0 7	2 50	14 34	0 18	10 45	1 21	29 15	6 37	11 31	11 30	7 22		n.a.
T 27	12 5	10 25	4 59	20 56	2 23	9 55	0 51	22 13	1 56	13 14	0 48	0 8	2 50	14 35	0 18	10 45	1 21	29 16	6 37	11 31	11 29	7 20		n.a.
W28	12 26	6 8	4 23	20 59	2 17	10 24	0 49	22 3	1 55	13 18	0 48	0 10	2 50	14 36	0 18	10 44	1 21	29 16	6 37	11 31	11 28	7 18		n.a.
T 29	12 47	1 27	3 31	20 59	2 10	10 53	0 47	21 52	1 53	13 23	0 48	0 11	2 50	14 38	0 18	10 44	1 21	29 16	6 38	11 31	11 27	7 16		n.a.
F 30	13 8	3s20	2 24	20 55	2 1	11 22	0 45	21 41	1 51	13 27	0 48	0 13	2 50	14 39	0 18	10 43	1 21	29 16	6 38	11 31	11 25	7 14		n.a.
S 31	13s29	7s55	1s 9	20s48	1s51	11s50	0n43	21s31	1s49	13s32	0n48	0s14	2s50	14s40	0n18	10n43	1n21	29n17	6n38	11s31	11s24	7s12		n.a.

Julian Day Number = 1708912.5, Delta T = 03h01m44s
Ecliptic obliquity = 23°41'50, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°32'08, Lahiri = - 4°25'08 Julian Calendar 1 Oct. 35 BCE == Greg. Calendar 29 Sept. 035 BCE

The year -34 astronomical counting style corresponds to year 035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 35 BCE
geocentric

NOVEMBER 35 BCE (-34) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 30 1	6♏27'37	1♏36	24°R 9	3♏50	3♒29	8♏ 5	5°R48	9♏59	5♍53	16°R16	29°R48	29♎25	0♓54	n.a.	S 1
M 2	2 33 57	7°28'35	15°41	24♏ 0	5° 6	4° 9	8°19	5♈44	10° 3	5°55	16♋15	29♎48	29°22	1° 1	n.a.	M 2
T 3	2 37 54	8°29'35	29°28	23°40	6°22	4°48	8°33	5°40	10° 6	5°56	16°15	29°47	29°19	1° 7	n.a.	T 3
W 4	2 41 50	9°30'36	12♐54	23° 8	7°37	5°28	8°46	5°37	10°10	5°57	16°15	29°46	29°16	1°14	n.a.	W 4
T 5	2 45 47	10°31'37	25°58	22°26	8°53	6° 8	9° 0	5°33	10°14	5°58	16°14	29°45	29°13	1°21	n.a.	T 5
F 6	2 49 44	11°32'40	8♑41	21°32	10° 8	6°48	9°13	5°30	10°17	5°59	16°14	29°43	29° 9	1°27	n.a.	F 6
S 7	2 53 40	12°33'43	21° 5	20°29	11°24	7°28	9°27	5°26	10°21	6° 1	16°13	29°42	29° 6	1°34	n.a.	S 7
S 8	2 57 37	13°34'47	3♒15	19°18	12°40	8° 8	9°40	5°23	10°25	6° 2	16°13	29°41	29° 3	1°41	n.a.	S 8
M 9	3 1 33	14°35'51	15°13	18° 0	13°55	8°48	9°54	5°20	10°29	6° 3	16°12	29°D41	29° 0	1°47	n.a.	M 9
T 10	3 5 30	15°36'57	27° 6	16°38	15°11	9°28	10° 7	5°17	10°32	6° 4	16°12	29°41	28°57	1°54	n.a.	T 10
W11	3 9 26	16°38'02	8♓57	15°15	16°26	10° 9	10°21	5°14	10°36	6° 5	16°11	29°42	28°54	2° 1	n.a.	W11
T 12	3 13 23	17°39'09	20°52	13°54	17°42	10°49	10°34	5°11	10°40	6° 6	16°10	29°44	28°50	2° 8	n.a.	T 12
F 13	3 17 19	18°40'15	2♈54	12°37	18°57	11°29	10°48	5° 8	10°43	6° 7	16°10	29°45	28°47	2°14	n.a.	F 13
S 14	3 21 16	19°41'23	15° 8	11°27	20°13	12° 9	11° 1	5° 5	10°47	6° 8	16° 9	29°47	28°44	2°21	n.a.	S 14
S 15	3 25 13	20°42'31	27°36	10°25	21°29	12°50	11°15	5° 2	10°51	6° 9	16° 9	29°R47	28°41	2°28	n.a.	S 15
M16	3 29 9	21°43'39	10♉21	9°33	22°44	13°30	11°28	5° 0	10°54	6° 9	16° 8	29°47	28°38	2°34	n.a.	M16
T 17	3 33 6	22°44'49	23°23	8°52	24° 0	14°11	11°42	4°57	10°58	6°10	16° 7	29°45	28°35	2°41	n.a.	T 17
W18	3 37 2	23°45'58	6♊42	8°22	25°15	14°51	11°55	4°55	11° 2	6°11	16° 6	29°42	28°31	2°48	n.a.	W18
T 19	3 40 59	24°47'09	20°16	8° 3	26°31	15°32	12° 8	4°53	11° 5	6°12	16° 6	29°39	28°28	2°54	n.a.	T 19
F 20	3 44 55	25°48'20	4♋ 2	7°D55	27°46	16°12	12°22	4°51	11° 9	6°13	16° 5	29°35	28°25	3° 1	n.a.	F 20
S 21	3 48 52	26°49'32	17°59	7°57	29° 2	16°53	12°35	4°49	11°12	6°13	16° 4	29°31	28°22	3° 8	n.a.	S 21
S 22	3 52 48	27°50'44	2♌ 2	8° 8	0♐17	17°34	12°49	4°47	11°16	6°14	16° 3	29°28	28°19	3°15	n.a.	S 22
M23	3 56 45	28°51'57	16°10	8°28	1°33	18°14	13° 2	4°45	11°20	6°15	16° 2	29°25	28°15	3°21	n.a.	M23
T 24	4 0 42	29°53'11	0♍19	8°56	2°48	18°55	13°15	4°43	11°23	6°15	16° 1	29°D25	28°12	3°28	n.a.	T 24
W25	4 4 38	0♐54'26	14°28	9°30	4° 4	19°36	13°28	4°41	11°27	6°16	16° 1	29°25	28° 9	3°35	n.a.	W25
T 26	4 8 35	1°55'40	28°35	10°11	5°19	20°16	13°42	4°40	11°30	6°16	16° 0	29°27	28° 6	3°41	n.a.	T 26
F 27	4 12 31	2°56'56	12♎39	10°57	6°35	20°57	13°55	4°38	11°34	6°17	15°59	29°28	28° 3	3°48	n.a.	F 27
S 28	4 16 28	3°58'12	26°38	11°49	7°50	21°38	14° 8	4°37	11°37	6°17	15°58	29°R29	28° 0	3°55	n.a.	S 28
S 29	4 20 24	4°59'28	10♏29	12°44	9° 6	22°19	14°21	4°36	11°41	6°18	15°57	29°29	27°56	4° 1	n.a.	S 29
M30	4 24 21	6♐ 0'45	24♏ 9	13♏44	10♐21	23♒ 0	14♏34	4♈35	11♏44	6♍18	15♋56	29♎27	27♎53	4♓ 8	n.a.	M30

Day	☉		☽			☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s49	12s 0	0n10	20s37	1s39	12s18	0n41	21s19	1s47	13s36	0n47	0s16	2s49	14s41	0n18	10n43	1n21	29n17	6n38	11s31	11s23	7s10				n.a.
M 2	14 9	15 20	1 27	20 22	1 26	12 45	0 39	21 8	1 46	13 41	0 47	0 17	2 49	14 42	0 18	10 42	1 21	29 17	6 39	11 31	11 22	7 8				n.a.
T 3	14 29	17 42	2 37	20 2	1 11	13 13	0 36	20 57	1 44	13 45	0 47	0 18	2 49	14 44	0 18	10 42	1 22	29 17	6 39	11 31	11 21	7 6				n.a.
W 4	14 49	19 0	3 37	19 39	0 55	13 40	0 34	20 45	1 42	13 50	0 47	0 20	2 49	14 45	0 18	10 41	1 22	29 18	6 39	11 31	11 20	7 4				n.a.
T 5	15 8	19 15	4 23	19 11	0 38	14 6	0 32	20 34	1 40	13 54	0 47	0 21	2 49	14 46	0 18	10 41	1 22	29 18	6 39	11 30	11 19	7 2				n.a.
F 6	15 27	18 30	4 56	18 39	0 19	14 33	0 30	20 22	1 39	13 59	0 47	0 22	2 48	14 47	0 18	10 40	1 22	29 18	6 40	11 30	11 18	7 0				n.a.
S 7	15 46	16 52	5 13	18 3	0n 1	14 59	0 28	20 10	1 37	14 3	0 47	0 23	2 48	14 48	0 18	10 40	1 22	29 19	6 40	11 29	11 16	6 58				n.a.
S 8	16 5	14 31	5 16	17 24	0 22	15 24	0 25	19 58	1 35	14 7	0 47	0 24	2 48	14 49	0 18	10 40	1 22	29 19	6 40	11 29	11 15	6 57				n.a.
M 9	16 23	11 35	5 5	16 42	0 42	15 49	0 23	19 45	1 34	14 12	0 47	0 25	2 48	14 51	0 18	10 39	1 22	29 19	6 40	11 29	11 14	6 55				n.a.
T 10	16 41	8 13	4 41	16 0	1 2	16 14	0 21	19 33	1 32	14 16	0 47	0 26	2 48	14 52	0 18	10 39	1 22	29 20	6 41	11 29	11 13	6 53				n.a.
W11	16 59	4 31	4 5	15 17	1 22	16 38	0 18	19 20	1 30	14 21	0 47	0 27	2 47	14 53	0 18	10 39	1 22	29 20	6 41	11 29	11 12	6 51				n.a.
T 12	17 17	0 37	3 19	14 36	1 40	17 2	0 16	19 8	1 29	14 25	0 47	0 28	2 47	14 54	0 18	10 38	1 22	29 20	6 41	11 30	11 11	6 49				n.a.
F 13	17 34	3n21	2 23	13 57	1 56	17 25	0 14	18 55	1 27	14 29	0 47	0 29	2 47	14 55	0 18	10 38	1 22	29 21	6 41	11 30	11 10	6 47				n.a.
S 14	17 51	7 15	1 20	13 22	2 10	17 48	0 11	18 42	1 25	14 33	0 47	0 30	2 47	14 56	0 18	10 38	1 22	29 21	6 42	11 31	11 8	6 45				n.a.
S 15	18 7	10 55	0 12	12 51	2 23	18 11	0 9	18 29	1 24	14 38	0 47	0 31	2 46	14 58	0 18	10 37	1 22	29 21	6 42	11 31	11 7	6 43				n.a.
M16	18 24	14 10	0s58	12 25	2 32	18 33	0 7	18 16	1 22	14 42	0 46	0 32	2 46	14 59	0 18	10 37	1 22	29 21	6 42	11 31	11 6	6 41				n.a.
T 17	18 39	16 47	2 6	12 5	2 40	18 54	0 4	18 2	1 21	14 46	0 46	0 33	2 46	15 0	0 18	10 37	1 22	29 22	6 42	11 30	11 5	6 39				n.a.
W18	18 55	18 33	3 9	11 50	2 46	19 15	0 2	17 49	1 19	14 50	0 46	0 33	2 46	15 1	0 18	10 37	1 22	29 22	6 42	11 29	11 4	6 37				n.a.
T 19	19 10	19 18	4 3	11 41	2 49	19 35	0s 0	17 35	1 18	14 55	0 46	0 34	2 45	15 2	0 18	10 36	1 22	29 22	6 43	11 28	11 3	6 35				n.a.
F 20	19 25	18 55	4 43	11 36	2 51	19 55	0 3	17 21	1 16	14 59	0 46	0 35	2 45	15 3	0 18	10 36	1 22	29 23	6 43	11 27	11 2	6 33				n.a.
S 21	19 39	17 24	5 7	11 36	2 51	20 15	0 5	17 8	1 15	15 3	0 46	0 35	2 45	15 5	0 18	10 36	1 22	29 23	6 43	11 25	11 0	6 31				n.a.
S 22	19 54	14 50	5 13	11 41	2 50	20 33	0 8	16 54	1 13	15 7	0 46	0 36	2 45	15 6	0 18	10 36	1 23	29 23	6 43	11 24	10 59	6 29				n.a.
M23	20 7	11 23	5 0	11 50	2 48	20 51	0 10	16 40	1 12	15 11	0 46	0 36	2 44	15 7	0 18	10 36	1 23	29 24	6 44	11 23	10 58	6 27				n.a.
T 24	20 21	7 17	4 29	12 2	2 45	21 9	0 12	16 25	1 10	15 15	0 46	0 37	2 44	15 8	0 18	10 35	1 23	29 24	6 44	11 23	10 57	6 26				n.a.
W25	20 34	2 46	3 42	12 17	2 40	21 26	0 15	16 11	1 9	15 19	0 46	0 37	2 44	15 9	0 18	10 35	1 23	29 24	6 44	11 23	10 56	6 24				n.a.
T 26	20 46	1s53	2 41	12 34	2 35	21 42	0 17	15 57	1 7	15 23	0 46	0 37	2 43	15 10	0 17	10 35	1 23	29 25	6 44	11 24	10 55	6 22				n.a.
F 27	20 58	6 26	1 31	12 54	2 30	21 58	0 19	15 42	1 6	15 27	0 46	0 38	2 43	15 11	0 17	10 35	1 23	29 25	6 44	11 24	10 54	6 20				n.a.
S 28	21 10	10 37	0 16	13 16	2 24	22 13	0 22	15 27	1 4	15 31	0 46	0 38	2 43	15 12	0 17	10 35	1 23	29 25	6 45	11 25	10 52	6 18				n.a.
S 29	21 22	14 11	1n 0	13 39	2 17	22 27	0 24	15 13	1 3	15 35	0 46	0 38	2 43	15 13	0 17	10 35	1 23	29 26	6 45	11 24	10 51	6 16				n.a.
M30	21s33	16s54	2n10	14s 4	2n10	22s40	0s26	14s58	1s 1	15s39	0n46	0s38	2s42	15s14	0n17	10n35	1n23	29n26	6n45	11s24	10s50	6s14				n.a.

Julian Day Number = 1708943.5, Delta T = 03h01m44s
Ecliptic obliquity = 23°41'49, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°32'04, Lahiri = - 4°25'04 Julian Calendar 1 Nov. 35 BCE == Greg. Calendar 30 Oct. 035 BCE

The year -34 astronomical counting style corresponds to year 035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 35 BCE
geocentric

DECEMBER 35 BCE (-34) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 28 17	7♐ 2'02	7♐38	14♏47	11♐37	23♒41	14♏47	4°R34	11♏48	6♍18	15°R55	29°R22	27♎50	4♓15	n.a.	T 1
W 2	4 32 14	8° 3'18	20°51	15°53	12°52	24°22	15° 0	4♈33	11°51	6°19	15♋54	29♎16	27°47	4°22	n.a.	W 2
T 3	4 36 11	9° 4'35	3♑48	17° 1	14° 8	25° 2	15°13	4°32	11°54	6°19	15°53	29° 9	27°44	4°28	n.a.	T 3
F 4	4 40 7	10° 5'52	16°28	18°12	15°23	25°43	15°26	4°32	11°58	6°19	15°52	29° 1	27°40	4°35	n.a.	F 4
S 5	4 44 4	11° 7'08	28°52	19°25	16°39	26°24	15°39	4°31	12° 1	6°19	15°50	28°54	27°37	4°42	n.a.	S 5
S 6	4 48 0	12° 8'24	11♒ 1	20°40	17°54	27° 5	15°52	4°31	12° 5	6°20	15°49	28°48	27°34	4°48	n.a.	S 6
M 7	4 51 57	13° 9'40	23° 0	21°56	19° 9	27°46	16° 5	4°30	12° 8	6°20	15°48	28°43	27°31	4°55	n.a.	M 7
T 8	4 55 53	14°10'55	4♓52	23°14	20°25	28°27	16°18	4°30	12°11	6°20	15°47	28°41	27°28	5° 2	n.a.	T 8
W 9	4 59 50	15°12'10	16°42	24°34	21°40	29° 8	16°30	4°D30	12°14	6°20	15°46	28°D40	27°25	5° 8	n.a.	W 9
T 10	5 3 47	16°13'24	28°35	25°54	22°56	29°49	16°43	4°30	12°18	6°20	15°45	28°41	27°21	5°15	n.a.	T 10
F 11	5 7 43	17°14'37	10♈37	27°16	24°11	0♓30	16°56	4°30	12°21	6°R20	15°43	28°43	27°18	5°22	n.a.	F 11
S 12	5 11 40	18°15'50	22°52	28°39	25°26	1°11	17° 8	4°30	12°24	6°20	15°42	28°R44	27°15	5°28	n.a.	S 12
S 13	5 15 36	19°17'02	5♉25	0♐ 2	26°42	1°52	17°21	4°31	12°27	6°20	15°41	28°44	27°12	5°35	n.a.	S 13
M14	5 19 33	20°18'14	18°19	1°27	27°57	2°33	17°33	4°31	12°30	6°20	15°40	28°42	27° 9	5°42	n.a.	M14
T 15	5 23 29	21°19'25	1♊37	2°52	29°12	3°14	17°46	4°32	12°33	6°20	15°39	28°37	27° 6	5°49	n.a.	T 15
W16	5 27 26	22°20'36	15°17	4°18	0♑28	3°55	17°58	4°33	12°37	6°20	15°37	28°31	27° 2	5°55	n.a.	W16
T 17	5 31 22	23°21'45	29°17	5°45	1°43	4°37	18°10	4°33	12°40	6°19	15°36	28°22	26°59	6° 2	n.a.	T 17
F 18	5 35 19	24°22'55	13♋33	7°13	2°58	5°18	18°23	4°34	12°43	6°19	15°35	28°13	26°56	6° 9	n.a.	F 18
S 19	5 39 16	25°24'04	28° 0	8°41	4°14	5°59	18°35	4°36	12°46	6°19	15°33	28° 3	26°53	6°15	n.a.	S 19
S 20	5 43 12	26°25'12	12♌30	10°10	5°29	6°40	18°47	4°37	12°49	6°19	15°32	27°55	26°50	6°22	n.a.	S 20
M21	5 47 9	27°26'20	26°57	11°39	6°44	7°21	18°59	4°38	12°51	6°18	15°31	27°49	26°46	6°29	n.a.	M21
T 22	5 51 5	28°27'27	11♍17	13° 9	7°59	8° 2	19°11	4°39	12°54	6°18	15°29	27°45	26°43	6°35	n.a.	T 22
W23	5 55 2	29°28'34	25°27	14°40	9°15	8°43	19°23	4°41	12°57	6°17	15°28	27°D44	26°40	6°42	n.a.	W23
T 24	5 58 58	0♑29'40	9♎26	16°12	10°30	9°24	19°35	4°42	13° 0	6°17	15°27	27°44	26°37	6°49	n.a.	T 24
F 25	6 2 55	1°30'46	23°13	17°43	11°45	10° 5	19°47	4°44	13° 3	6°17	15°25	27°R45	26°34	6°56	n.a.	F 25
S 26	6 6 51	2°31'51	6♏49	19°16	13° 0	10°46	19°58	4°46	13° 5	6°16	15°24	27°44	26°31	7° 2	n.a.	S 26
S 27	6 10 48	3°32'55	20°14	20°49	14°15	11°27	20°10	4°48	13° 8	6°16	15°23	27°42	26°27	7° 9	n.a.	S 27
M28	6 14 45	4°33'59	3♐29	22°23	15°31	12° 8	20°22	4°50	13°11	6°15	15°21	27°37	26°24	7°16	n.a.	M28
T 29	6 18 41	5°35'02	16°34	23°57	16°46	12°49	20°33	4°52	13°13	6°14	15°20	27°29	26°21	7°22	n.a.	T 29
W30	6 22 38	6°36'04	29°27	25°32	18° 1	13°30	20°44	4°54	13°16	6°14	15°18	27°19	26°18	7°29	n.a.	W30
T 31	6 26 34	7♑37'05	12♑ 8	27♐ 8	19♑16	14♓11	20♏56	4♈57	13♏19	6♍13	15♋17	27♎ 6	26♎15	7♓36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s43	18 s39	3n13	14 s29	2n 3	22 s53	0 s29	14 s43	1 s 0	15 s43	0n46	0 s39	2 s42	15 s16	0n17	10n35	1n23	29n26	6n45	11 s22	10 s49	6 s12		n.a.
W 2	21 53	19 20	4 3	14 56	1 55	23 6	0 31	14 28	0 59	15 47	0 46	0 39	2 42	15 17	0 17	10 35	1 23	29 27	6 45	11 20	10 48	6 10		n.a.
T 3	22 3	18 59	4 40	15 23	1 47	23 17	0 33	14 13	0 57	15 51	0 46	0 39	2 41	15 18	0 17	10 35	1 23	29 27	6 46	11 17	10 47	6 8		n.a.
F 4	22 12	17 40	5 2	15 50	1 40	23 28	0 35	13 57	0 56	15 55	0 46	0 39	2 41	15 19	0 17	10 34	1 23	29 27	6 46	11 15	10 45	6 6		n.a.
S 5	22 21	15 34	5 9	16 18	1 32	23 38	0 37	13 42	0 54	15 58	0 46	0 39	2 41	15 20	0 17	10 34	1 23	29 28	6 46	11 12	10 44	6 4		n.a.
S 6	22 29	12 48	5 2	16 46	1 24	23 48	0 40	13 27	0 53	16 2	0 46	0 38	2 41	15 21	0 17	10 34	1 23	29 28	6 46	11 10	10 43	6 2		n.a.
M 7	22 37	9 33	4 42	17 14	1 16	23 57	0 42	13 11	0 52	16 6	0 46	0 38	2 40	15 22	0 17	10 34	1 23	29 28	6 46	11 8	10 42	6 0		n.a.
T 8	22 45	5 57	4 10	17 42	1 8	24 5	0 44	12 55	0 50	16 10	0 46	0 38	2 40	15 23	0 17	10 34	1 23	29 29	6 46	11 7	10 41	5 58		n.a.
W 9	22 52	2 7	3 27	18 9	0 59	24 12	0 46	12 40	0 49	16 13	0 46	0 38	2 40	15 24	0 17	10 34	1 23	29 29	6 47	11 7	10 40	5 56		n.a.
T 10	22 59	1n48	2 36	18 36	0 51	24 18	0 48	12 24	0 48	16 17	0 46	0 38	2 39	15 25	0 17	10 35	1 24	29 29	6 47	11 7	10 39	5 54		n.a.
F 11	23 5	5 43	1 36	19 3	0 43	24 24	0 50	12 8	0 47	16 21	0 46	0 37	2 39	15 26	0 17	10 35	1 24	29 30	6 47	11 8	10 37	5 52		n.a.
S 12	23 10	9 28	0 32	19 30	0 35	24 29	0 52	11 52	0 45	16 24	0 46	0 37	2 39	15 27	0 17	10 35	1 24	29 30	6 47	11 8	10 36	5 51		n.a.
S 13	23 16	12 54	0 s36	19 56	0 28	24 33	0 54	11 36	0 44	16 28	0 46	0 36	2 38	15 28	0 17	10 35	1 24	29 30	6 47	11 8	10 35	5 49		n.a.
M14	23 20	15 49	1 43	20 21	0 20	24 37	0 56	11 20	0 43	16 31	0 45	0 36	2 38	15 29	0 17	10 35	1 24	29 30	6 48	11 8	10 34	5 47		n.a.
T 15	23 25	17 59	2 47	20 46	0 12	24 39	0 58	11 4	0 41	16 35	0 45	0 35	2 38	15 30	0 17	10 35	1 24	29 31	6 48	11 6	10 33	5 45		n.a.
W16	23 28	19 11	3 43	21 9	0 5	24 41	1 0	10 48	0 40	16 39	0 45	0 35	2 38	15 31	0 17	10 35	1 24	29 31	6 48	11 4	10 32	5 43		n.a.
T 17	23 32	19 15	4 27	21 33	0 s 3	24 42	1 1	10 32	0 39	16 42	0 45	0 34	2 37	15 32	0 17	10 35	1 24	29 31	6 48	11 1	10 30	5 41		n.a.
F 18	23 35	18 6	4 55	21 55	0 10	24 43	1 3	10 15	0 38	16 45	0 45	0 34	2 37	15 32	0 17	10 35	1 24	29 32	6 48	10 57	10 29	5 39		n.a.
S 19	23 37	15 48	5 5	22 16	0 17	24 42	1 5	9 59	0 37	16 49	0 45	0 33	2 37	15 33	0 17	10 35	1 24	29 32	6 48	10 54	10 28	5 37		n.a.
S 20	23 39	12 31	4 55	22 37	0 24	24 41	1 6	9 43	0 35	16 52	0 45	0 32	2 36	15 34	0 17	10 36	1 24	29 32	6 48	10 51	10 27	5 35		n.a.
M21	23 40	8 29	4 27	22 56	0 31	24 39	1 8	9 26	0 34	16 56	0 45	0 31	2 36	15 35	0 17	10 36	1 24	29 33	6 49	10 49	10 26	5 33		n.a.
T 22	23 41	4 0	3 42	23 15	0 38	24 37	1 10	9 9	0 33	16 59	0 45	0 31	2 36	15 36	0 17	10 36	1 24	29 33	6 49	10 47	10 25	5 31		n.a.
W23	23 42	0 s40	2 43	23 32	0 44	24 33	1 11	8 53	0 32	17 2	0 45	0 30	2 35	15 37	0 17	10 36	1 24	29 33	6 49	10 47	10 24	5 29		n.a.
T 24	23 42	5 15	1 36	23 49	0 51	24 29	1 13	8 36	0 31	17 5	0 45	0 29	2 35	15 38	0 17	10 36	1 24	29 34	6 49	10 47	10 22	5 27		n.a.
F 25	23 41	9 29	0 24	24 4	0 57	24 24	1 14	8 20	0 30	17 9	0 45	0 28	2 35	15 39	0 17	10 37	1 24	29 34	6 49	10 47	10 21	5 25		n.a.
S 26	23 40	13 11	0n48	24 18	1 3	24 18	1 15	8 3	0 28	17 12	0 45	0 27	2 35	15 39	0 18	10 37	1 24	29 34	6 49	10 47	10 20	5 23		n.a.
S 27	23 39	16 7	1 57	24 31	1 8	24 12	1 17	7 46	0 27	17 15	0 45	0 26	2 34	15 40	0 18	10 37	1 24	29 34	6 49	10 46	10 19	5 21		n.a.
M28	23 37	18 10	2 58	24 42	1 14	24 4	1 18	7 29	0 26	17 18	0 45	0 25	2 34	15 41	0 18	10 37	1 25	29 35	6 49	10 44	10 18	5 19		n.a.
T 29	23 35	19 13	3 49	24 52	1 19	23 56	1 19	7 12	0 25	17 21	0 45	0 24	2 34	15 42	0 18	10 38	1 25	29 35	6 50	10 41	10 17	5 17		n.a.
W30	23 32	19 15	4 27	25 1	1 24	23 48	1 20	6 55	0 24	17 24	0 45	0 22	2 33	15 43	0 18	10 38	1 25	29 35	6 50	10 38	10 15	5 15		n.a.
T 31	23 s28	18 s18	4n51	25 s 9	1 s29	23 s38	1 s21	6 s38	0 s23	17 s27	0n45	0 s21	2 s33	15 s43	0n18	10n38	1n25	29n35	6n50	10 s33	10 s14	5 s14		n.a.

Julian Day Number = 1708973.5, Delta T = 03h01m43s
Ecliptic obliquity = 23°41'48, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°32'00, Lahiri = - 4°25'00 Julian Calendar 1 Dec. 35 BCE == Greg. Calendar 29 Nov. 035 BCE

The year -34 astronomical counting style corresponds to year 035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 34 BCE
geocentric

JANUARY 34 BCE (-33) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 30 31	8♑38'05	24♑38	28♐44	20♑31	14♓52	21♏ 7	4♈59	13♏21	6°R12	15°R16	26°R52	26♎12	7♓42	n.a.	F 1
S 2	6 34 27	9°39'04	6♒55	0♑21	21°46	15°33	21°18	5° 2	13°24	6♍12	15♋14	26♎39	26° 8	7°49	n.a.	S 2
S 3	6 38 24	10°40'01	19° 0	1°59	23° 1	16°14	21°29	5° 5	13°26	6°11	15°13	26°28	26° 5	7°56	n.a.	S 3
M 4	6 42 21	11°40'57	0♓57	3°37	24°16	16°55	21°40	5° 7	13°28	6°10	15°11	26°18	26° 2	8° 2	n.a.	M 4
T 5	6 46 17	12°41'51	12°47	5°17	25°32	17°36	21°51	5°10	13°31	6° 9	15°10	26°12	25°59	8° 9	n.a.	T 5
W 6	6 50 14	13°42'44	24°36	6°56	26°47	18°17	22° 2	5°13	13°33	6° 9	15° 9	26° 8	25°56	8°16	n.a.	W 6
T 7	6 54 10	14°43'36	6♈26	8°37	28° 2	18°58	22°13	5°16	13°35	6° 8	15° 7	26° 6	25°52	8°22	n.a.	T 7
F 8	6 58 7	15°44'26	18°25	10°18	29°17	19°38	22°23	5°20	13°37	6° 7	15° 6	26°D 6	25°49	8°29	n.a.	F 8
S 9	7 2 3	16°45'14	0♉37	12° 0	0♒32	20°19	22°34	5°23	13°40	6° 6	15° 4	26°R 6	25°46	8°36	n.a.	S 9
S 10	7 6 0	17°46'00	13° 8	13°43	1°47	21° 0	22°44	5°26	13°42	6° 5	15° 3	26° 5	25°43	8°43	n.a.	S 10
M11	7 9 56	18°46'45	26° 3	15°27	3° 1	21°41	22°54	5°30	13°44	6° 4	15° 2	26° 2	25°40	8°49	n.a.	M11
T 12	7 13 53	19°47'28	9♊24	17°11	4°16	22°22	23° 5	5°34	13°46	6° 3	15° 0	25°57	25°37	8°56	n.a.	T 12
W13	7 17 50	20°48'10	23°14	18°57	5°31	23° 3	23°15	5°37	13°48	6° 2	14°59	25°48	25°33	9° 3	n.a.	W13
T 14	7 21 46	21°48'50	7♋30	20°43	6°46	23°44	23°25	5°41	13°50	6° 1	14°57	25°38	25°30	9° 9	n.a.	T 14
F 15	7 25 43	22°49'28	22° 8	22°30	8° 1	24°24	23°35	5°45	13°52	6° 0	14°56	25°26	25°27	9°16	n.a.	F 15
S 16	7 29 39	23°50'05	7♌ 0	24°17	9°16	25° 5	23°44	5°49	13°53	5°59	14°55	25°14	25°24	9°23	n.a.	S 16
S 17	7 33 36	24°50'40	21°57	26° 6	10°31	25°46	23°54	5°53	13°55	5°58	14°53	25° 3	25°21	9°29	n.a.	S 17
M18	7 37 32	25°51'14	6♍51	27°55	11°45	26°27	24° 4	5°57	13°57	5°56	14°52	24°55	25°18	9°36	n.a.	M18
T 19	7 41 29	26°51'46	21°32	29°45	13° 0	27° 7	24°13	6° 1	13°59	5°55	14°50	24°50	25°14	9°43	n.a.	T 19
W20	7 45 25	27°52'17	5♎57	1♒36	14°15	27°48	24°23	6° 6	14° 0	5°54	14°49	24°47	25°11	9°49	n.a.	W20
T 21	7 49 22	28°52'46	20° 2	3°27	15°30	28°29	24°32	6°10	14° 2	5°53	14°48	24°46	25° 8	9°56	n.a.	T 21
F 22	7 53 18	29°53'14	3♏47	5°19	16°44	29°10	24°41	6°15	14° 3	5°52	14°46	24°46	25° 5	10° 3	n.a.	F 22
S 23	7 57 15	0♒53'41	17°14	7°11	17°59	29°50	24°50	6°19	14° 5	5°50	14°45	24°45	25° 2	10° 9	n.a.	S 23
S 24	8 1 12	1°54'06	0♐25	9° 3	19°14	0♈31	24°59	6°24	14° 6	5°49	14°44	24°43	24°58	10°16	n.a.	S 24
M25	8 5 8	2°54'30	13°22	10°56	20°28	1°12	25° 8	6°29	14° 8	5°48	14°42	24°38	24°55	10°23	n.a.	M25
T 26	8 9 5	3°54'52	26° 7	12°49	21°43	1°52	25°16	6°34	14° 9	5°46	14°41	24°29	24°52	10°30	n.a.	T 26
W27	8 13 1	4°55'13	8♑41	14°41	22°57	2°33	25°25	6°39	14°10	5°45	14°40	24°18	24°49	10°36	n.a.	W27
T 28	8 16 58	5°55'31	21° 5	16°33	24°12	3°13	25°33	6°44	14°12	5°44	14°38	24° 5	24°46	10°43	n.a.	T 28
F 29	8 20 54	6°55'48	3♒20	18°25	25°26	3°54	25°41	6°49	14°13	5°42	14°37	23°51	24°43	10°50	n.a.	F 29
S 30	8 24 51	7°56'03	15°27	20°15	26°41	4°34	25°49	6°54	14°14	5°41	14°36	23°37	24°39	10°56	n.a.	S 30
S 31	8 28 48	8♒56'16	27♒26	22♒ 4	27♒55	5♈15	25♏57	6♈59	14♏15	5♍39	14♋34	23♎24	24♎36	11♓ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s25	16s29	5n 1	25s15	1s33	23s28	1s22	6s21	0s22	17s30	0n45	0s20	2s33	15s44	0n18	10n38	1n25	29n36	6n50	10s28	10s13	5s12		n.a.
S 2	23 20	13 58	4 56	25 19	1 37	23 17	1 23	6 4	0 21	17 33	0 45	0 19	2 33	15 45	0 18	10 39	1 25	29 36	6 50	10 23	10 12	5 10		n.a.
S 3	23 16	10 52	4 39	25 22	1 41	23 5	1 24	5 47	0 20	17 36	0 45	0 17	2 32	15 46	0 18	10 39	1 25	29 36	6 50	10 19	10 11	5 8		n.a.
M 4	23 11	7 23	4 9	25 24	1 45	22 53	1 25	5 30	0 19	17 39	0 45	0 16	2 32	15 46	0 18	10 39	1 25	29 37	6 50	10 16	10 10	5 6		n.a.
T 5	23 5	3 38	3 28	25 24	1 48	22 40	1 26	5 13	0 18	17 42	0 45	0 14	2 32	15 47	0 18	10 40	1 25	29 37	6 50	10 13	10 8	5 4		n.a.
W 6	22 59	0n15	2 39	25 22	1 51	22 26	1 27	4 56	0 16	17 44	0 45	0 13	2 31	15 48	0 18	10 40	1 25	29 37	6 50	10 12	10 7	5 2		n.a.
T 7	22 52	4 9	1 42	25 18	1 54	22 12	1 27	4 39	0 15	17 47	0 45	0 11	2 31	15 48	0 18	10 41	1 25	29 37	6 50	10 11	10 6	5 0		n.a.
F 8	22 45	7 55	0 41	25 13	1 56	21 57	1 28	4 22	0 14	17 50	0 45	0 10	2 31	15 49	0 18	10 41	1 25	29 38	6 50	10 11	10 5	4 58		n.a.
S 9	22 38	11 26	0s24	25 6	1 58	21 41	1 28	4 5	0 13	17 53	0 45	0 8	2 31	15 50	0 18	10 41	1 25	29 38	6 51	10 11	10 4	4 56		n.a.
S 10	22 30	14 32	1 29	24 58	2 0	21 25	1 29	3 48	0 12	17 55	0 45	0 7	2 30	15 50	0 18	10 42	1 25	29 38	6 51	10 11	10 3	4 54		n.a.
M11	22 22	17 1	2 31	24 47	2 1	21 8	1 29	3 30	0 11	17 58	0 45	0 5	2 30	15 51	0 18	10 42	1 25	29 38	6 51	10 10	10 1	4 52		n.a.
T 12	22 13	18 41	3 28	24 35	2 2	20 51	1 30	3 13	0 11	18 0	0 46	0 3	2 30	15 52	0 18	10 42	1 25	29 38	6 51	10 8	10 0	4 50		n.a.
W13	22 4	19 18	4 14	24 21	2 2	20 33	1 30	2 56	0 10	18 3	0 46	0 2	2 29	15 52	0 18	10 43	1 25	29 39	6 51	10 5	9 59	4 48		n.a.
T 14	21 54	18 44	4 46	24 5	2 2	20 14	1 30	2 39	0 9	18 6	0 46	0n 0	2 29	15 53	0 18	10 43	1 25	29 39	6 51	10 1	9 58	4 46		n.a.
F 15	21 45	16 56	5 0	23 47	2 1	19 55	1 30	2 22	0 8	18 8	0 46	0 2	2 29	15 53	0 18	10 44	1 25	29 39	6 51	9 56	9 57	4 44		n.a.
S 16	21 34	13 59	4 54	23 28	2 0	19 35	1 30	2 4	0 7	18 10	0 46	0 4	2 29	15 54	0 18	10 44	1 25	29 39	6 51	9 52	9 56	4 42		n.a.
S 17	21 23	10 7	4 28	23 6	1 59	19 14	1 30	1 47	0 6	18 13	0 46	0 6	2 28	15 54	0 18	10 45	1 25	29 40	6 51	9 48	9 54	4 40		n.a.
M18	21 12	5 37	3 44	22 42	1 57	18 53	1 30	1 30	0 5	18 15	0 46	0 8	2 28	15 55	0 18	10 45	1 26	29 40	6 51	9 45	9 53	4 38		n.a.
T 19	21 1	0 51	2 46	22 17	1 54	18 32	1 30	1 13	0 4	18 18	0 46	0 10	2 28	15 55	0 18	10 46	1 26	29 40	6 51	9 43	9 52	4 37		n.a.
W20	20 49	3s53	1 38	21 49	1 51	18 10	1 30	0 56	0 3	18 20	0 46	0 11	2 28	15 56	0 18	10 46	1 26	29 40	6 51	9 42	9 51	4 35		n.a.
T 21	20 36	8 18	0 25	21 20	1 47	17 47	1 30	0 39	0 2	18 22	0 46	0 13	2 27	15 56	0 18	10 47	1 26	29 40	6 51	9 42	9 50	4 33		n.a.
F 22	20 24	12 10	0n48	20 48	1 43	17 24	1 29	0 21	0 1	18 24	0 46	0 16	2 27	15 57	0 18	10 47	1 26	29 41	6 51	9 42	9 49	4 31		n.a.
S 23	20 10	15 19	1 56	20 15	1 38	17 1	1 29	0 4	0 0	18 26	0 46	0 18	2 27	15 57	0 18	10 48	1 26	29 41	6 51	9 41	9 47	4 29		n.a.
S 24	19 57	17 35	2 56	19 40	1 32	16 37	1 28	0n13	0n 1	18 29	0 46	0 20	2 27	15 58	0 18	10 48	1 26	29 41	6 51	9 40	9 46	4 27		n.a.
M25	19 43	18 54	3 47	19 3	1 26	16 12	1 28	0 30	0 1	18 31	0 46	0 22	2 26	15 58	0 18	10 49	1 26	29 41	6 51	9 38	9 45	4 25		n.a.
T 26	19 29	19 14	4 25	18 24	1 19	15 48	1 27	0 47	0 2	18 33	0 46	0 24	2 26	15 59	0 18	10 49	1 26	29 41	6 51	9 35	9 44	4 23		n.a.
W27	19 14	18 36	4 49	17 44	1 11	15 22	1 27	1 4	0 3	18 35	0 46	0 26	2 26	15 59	0 18	10 50	1 26	29 41	6 51	9 31	9 43	4 21		n.a.
T 28	19 0	17 5	5 0	17 2	1 3	14 57	1 26	1 21	0 4	18 37	0 46	0 28	2 26	15 59	0 18	10 50	1 26	29 42	6 51	9 26	9 41	4 19		n.a.
F 29	18 44	14 49	4 56	16 19	0 54	14 31	1 25	1 38	0 5	18 39	0 46	0 31	2 25	16 0	0 18	10 51	1 26	29 42	6 51	9 21	9 40	4 17		n.a.
S 30	18 29	11 56	4 39	15 35	0 44	14 4	1 24	1 55	0 6	18 41	0 46	0 33	2 25	16 0	0 18	10 51	1 26	29 42	6 51	9 16	9 39	4 15		n.a.
S 31	18s13	8s35	4n10	14s50	0s34	13s37	1s23	2n12	0n 6	18s42	0n46	0n35	2s25	16s 0	0n18	10n52	1n26	29n42	6n51	9s11	9s38	4s13		n.a.

Julian Day Number = 1709004.5, Delta T = 03h01m42s
Ecliptic obliquity = 23°41'48, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°31'56, Lahiri = - 4°24'55 Julian Calendar 1 Jan. 34 BCE == Greg. Calendar 30 Dec. 035 BCE

The year -33 astronomical counting style corresponds to year 034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 34 BCE
geocentric

FEBRUARY 34 BCE (-33) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 32 44	9♒56'27	9♓18	23♒51	29♒10	5♈55	26♏ 5	7♈ 5	14♏16	5°R38	14°R33	23°R14	24♎33	11♓10	n.a.	M 1
T 2	8 36 41	10°56'36	21° 7	25°36	0♓24	6°36	26°13	7°10	14°17	5♏37	14♋32	23♎ 7	24°30	11°16	n.a.	T 2
W 3	8 40 37	11°56'43	2♈54	27°18	1°39	7°16	26°21	7°15	14°18	5°35	14°31	23° 2	24°27	11°23	n.a.	W 3
T 4	8 44 34	12°56'48	14°44	28°56	2°53	7°57	26°28	7°21	14°19	5°34	14°29	23° 0	24°24	11°30	n.a.	T 4
F 5	8 48 30	13°56'50	26°42	0♓31	4° 7	8°37	26°35	7°27	14°20	5°32	14°28	23°D 0	24°20	11°36	n.a.	F 5
S 6	8 52 27	14°56'51	8♉51	2° 2	5°21	9°18	26°42	7°32	14°21	5°31	14°27	23°R 1	24°17	11°43	n.a.	S 6
S 7	8 56 23	15°56'49	21°18	3°27	6°36	9°58	26°50	7°38	14°21	5°29	14°26	23° 1	24°14	11°50	n.a.	S 7
M 8	9 0 20	16°56'44	4♊ 8	4°47	7°50	10°38	26°56	7°44	14°22	5°27	14°25	22°59	24°11	11°56	n.a.	M 8
T 9	9 4 16	17°56'38	17°25	6° 2	9° 4	11°19	27° 3	7°50	14°23	5°26	14°24	22°56	24° 8	12° 3	n.a.	T 9
W10	9 8 13	18°56'29	1♋12	7° 9	10°18	11°59	27°10	7°56	14°23	5°24	14°22	22°50	24° 4	12°10	n.a.	W10
T 11	9 12 10	19°56'18	15°28	8°10	11°32	12°39	27°16	8° 2	14°24	5°23	14°21	22°42	24° 1	12°16	n.a.	T 11
F 12	9 16 6	20°56'05	0♌11	9° 3	12°46	13°20	27°22	8° 8	14°24	5°21	14°20	22°32	23°58	12°23	n.a.	F 12
S 13	9 20 3	21°55'49	15°14	9°49	14° 0	14° 0	27°28	8°14	14°24	5°20	14°19	22°23	23°55	12°30	n.a.	S 13
S 14	9 23 59	22°55'31	0♍27	10°26	15°14	14°40	27°34	8°20	14°25	5°18	14°18	22°14	23°52	12°36	n.a.	S 14
M15	9 27 56	23°55'11	15°39	10°55	16°28	15°20	27°40	8°27	14°25	5°16	14°17	22° 7	23°49	12°43	n.a.	M15
T 16	9 31 52	24°54'49	0♎42	11°16	17°42	16° 0	27°46	8°33	14°25	5°15	14°16	22° 3	23°45	12°50	n.a.	T 16
W17	9 35 49	25°54'26	15°26	11°29	18°56	16°40	27°51	8°39	14°25	5°13	14°15	22°D 1	23°42	12°57	n.a.	W17
T 18	9 39 45	26°54'00	29°46	11°R33	20°10	17°21	27°57	8°46	14°26	5°12	14°14	22° 1	23°39	13° 3	n.a.	T 18
F 19	9 43 42	27°53'33	13♏42	11°28	21°23	18° 1	28° 2	8°52	14°26	5°10	14°13	22° 2	23°36	13°10	n.a.	F 19
S 20	9 47 39	28°53'03	27°13	11°16	22°37	18°41	28° 7	8°59	14°R26	5° 8	14°12	22°R 3	23°33	13°17	n.a.	S 20
S 21	9 51 35	29°52'32	10♐23	10°57	23°51	19°21	28°12	9° 6	14°26	5° 7	14°11	22° 2	23°30	13°23	n.a.	S 21
M22	9 55 32	0♓52'00	23°13	10°30	25° 5	20° 1	28°16	9°12	14°26	5° 5	14°10	22° 0	23°26	13°30	n.a.	M22
T 23	9 59 28	1°51'25	5♑47	9°58	26°18	20°41	28°21	9°19	14°25	5° 3	14° 9	21°55	23°23	13°37	n.a.	T 23
W24	10 3 25	2°50'48	18° 9	9°19	27°32	21°21	28°25	9°26	14°25	5° 2	14° 9	21°48	23°20	13°43	n.a.	W24
T 25	10 7 21	3°50'10	0♒20	8°37	28°45	22° 1	28°29	9°32	14°25	5° 0	14° 8	21°40	23°17	13°50	n.a.	T 25
F 26	10 11 18	4°49'29	12°23	7°50	29°59	22°41	28°33	9°39	14°25	4°58	14° 7	21°31	23°14	13°57	n.a.	F 26
S 27	10 15 14	5°48'46	24°20	7° 1	1♈12	23°20	28°37	9°46	14°24	4°57	14° 6	21°22	23°10	14° 3	n.a.	S 27
S 28	10 19 11	6♓48'01	6♓12	6♓10	2♈26	24♈ 0	28♏41	9♈53	14♏24	4♍55	14♋ 5	21♎14	23♎ 7	14♓10	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s57	4s56	3n30	14s 4	0s23	13s10	1s22	2n29	0n 7	18s44	0n46	0n38	2s25	16s 1	0n18	10n53	1n26	29n42	6n51	9s 7	9s37	4s11		n.a.
T 2	17 40	1 6	2 41	13 18	0 11	12 43	1 21	2 46	0 8	18 46	0 46	0 40	2 24	16 1	0 18	10 53	1 26	29 42	6 51	9 5	9 36	4 9		n.a.
W 3	17 24	2n46	1 45	12 32	0n 1	12 15	1 20	3 3	0 9	18 48	0 46	0 42	2 24	16 1	0 18	10 54	1 26	29 42	6 51	9 3	9 34	4 7		n.a.
T 4	17 7	6 33	0 44	11 45	0 14	11 47	1 19	3 20	0 10	18 50	0 46	0 45	2 24	16 1	0 18	10 54	1 26	29 43	6 51	9 2	9 33	4 5		n.a.
F 5	16 49	10 6	0s20	10 59	0 27	11 18	1 18	3 37	0 10	18 51	0 46	0 47	2 24	16 2	0 18	10 55	1 26	29 43	6 51	9 2	9 32	4 3		n.a.
S 6	16 32	13 17	1 23	10 14	0 41	10 50	1 16	3 54	0 11	18 53	0 46	0 50	2 24	16 2	0 18	10 55	1 26	29 43	6 51	9 2	9 31	4 1		n.a.
S 7	16 14	15 57	2 25	9 30	0 55	10 21	1 15	4 10	0 12	18 54	0 46	0 52	2 23	16 2	0 18	10 56	1 26	29 43	6 51	9 2	9 30	3 59		n.a.
M 8	15 55	17 55	3 21	8 47	1 9	9 51	1 13	4 27	0 13	18 56	0 46	0 55	2 23	16 2	0 18	10 57	1 26	29 43	6 51	9 2	9 29	3 58		n.a.
T 9	15 37	18 59	4 8	8 7	1 23	9 22	1 12	4 44	0 13	18 58	0 46	0 57	2 23	16 2	0 18	10 57	1 26	29 43	6 51	9 0	9 27	3 56		n.a.
W10	15 18	18 59	4 43	7 28	1 37	8 52	1 10	5 0	0 14	18 59	0 46	1 0	2 23	16 3	0 18	10 58	1 26	29 43	6 51	8 58	9 26	3 54		n.a.
T 11	14 59	17 48	5 2	6 53	1 51	8 22	1 9	5 17	0 15	19 0	0 46	1 2	2 23	16 3	0 18	10 58	1 26	29 43	6 51	8 55	9 25	3 52		n.a.
F 12	14 40	15 25	5 1	6 20	2 5	7 52	1 7	5 33	0 16	19 2	0 46	1 5	2 22	16 3	0 18	10 59	1 26	29 43	6 51	8 52	9 24	3 50		n.a.
S 13	14 21	11 58	4 41	5 50	2 19	7 22	1 5	5 50	0 16	19 3	0 46	1 8	2 22	16 3	0 18	11 0	1 26	29 44	6 51	8 48	9 23	3 48		n.a.
S 14	14 1	7 42	4 0	5 24	2 32	6 51	1 3	6 6	0 17	19 5	0 46	1 10	2 22	16 3	0 18	11 0	1 26	29 44	6 51	8 45	9 21	3 46		n.a.
M15	13 41	2 55	3 2	5 1	2 44	6 20	1 2	6 22	0 18	19 6	0 47	1 13	2 22	16 3	0 18	11 1	1 26	29 44	6 51	8 42	9 20	3 44		n.a.
T 16	13 21	1s59	1 52	4 43	2 56	5 50	1 0	6 39	0 18	19 7	0 47	1 16	2 22	16 3	0 18	11 2	1 26	29 44	6 51	8 41	9 19	3 42		n.a.
W17	13 1	6 41	0 35	4 28	3 6	5 18	0 58	6 55	0 19	19 8	0 47	1 18	2 21	16 3	0 18	11 2	1 26	29 44	6 51	8 40	9 18	3 40		n.a.
T 18	12 41	10 52	0n42	4 18	3 16	4 47	0 56	7 11	0 20	19 9	0 47	1 21	2 21	16 3	0 18	11 3	1 26	29 44	6 51	8 40	9 17	3 38		n.a.
F 19	12 20	14 19	1 54	4 12	3 24	4 16	0 54	7 27	0 21	19 11	0 47	1 24	2 21	16 3	0 18	11 3	1 26	29 44	6 51	8 40	9 15	3 36		n.a.
S 20	11 59	16 52	2 58	4 10	3 31	3 45	0 51	7 43	0 21	19 12	0 47	1 26	2 21	16 3	0 18	11 4	1 26	29 44	6 51	8 41	9 14	3 34		n.a.
S 21	11 38	18 27	3 50	4 13	3 36	3 13	0 49	7 59	0 22	19 13	0 47	1 29	2 21	16 3	0 18	11 5	1 27	29 44	6 51	8 40	9 13	3 32		n.a.
M22	11 17	19 2	4 30	4 20	3 39	2 42	0 47	8 15	0 23	19 14	0 47	1 32	2 21	16 3	0 18	11 5	1 27	29 44	6 50	8 39	9 12	3 30		n.a.
T 23	10 56	18 39	4 55	4 30	3 41	2 10	0 45	8 31	0 23	19 15	0 47	1 35	2 20	16 3	0 18	11 6	1 27	29 44	6 50	8 38	9 11	3 28		n.a.
W24	10 34	17 23	5 7	4 45	3 41	1 38	0 42	8 47	0 24	19 16	0 47	1 38	2 20	16 3	0 18	11 7	1 27	29 44	6 50	8 35	9 10	3 26		n.a.
T 25	10 12	15 21	5 4	5 3	3 39	1 7	0 40	9 2	0 24	19 16	0 47	1 41	2 20	16 3	0 18	11 7	1 27	29 44	6 50	8 32	9 8	3 24		n.a.
F 26	9 51	12 40	4 47	5 24	3 35	0 35	0 38	9 18	0 25	19 17	0 47	1 43	2 20	16 3	0 18	11 8	1 27	29 44	6 50	8 29	9 7	3 22		n.a.
S 27	9 29	9 29	4 18	5 47	3 30	0 3	0 35	9 34	0 26	19 18	0 47	1 46	2 20	16 3	0 18	11 8	1 27	29 44	6 50	8 25	9 6	3 20		n.a.
S 28	9s 7	5s57	3n38	6s13	3n23	0n29	0s33	9n49	0n26	19s19	0n47	1n49	2s20	16s 3	0n18	11n 9	1n27	29n44	6n50	8s22	9s 5	3s19		n.a.

Julian Day Number = 1709035.5, Delta T = 03h01m41s
Ecliptic obliquity = 23°41'48, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°31'52, Lahiri = - 4°24'51 Julian Calendar 1 Feb. 34 BCE == Greg. Calendar 30 Jan. 034 BCE

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ASTRODIENST EPHEMERIS for the year 34 BCE
geocentric

MARCH 34 BCE (-33) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 23 7	7♓47'14	18♓ 2	5°R18	3♈39	24♈40	28♏44	10♈ 0	14°R24	4°R53	14°R 5	21°R 7	23♎ 4	14♓17	n.a.	M 1
T 2	10 27 4	8°46'25	29°50	4♓28	4°52	25°20	28°48	10° 7	14♏23	4♍52	14♋ 4	21♎ 3	23° 1	14°23	n.a.	T 2
W 3	10 31 1	9°45'34	11♈39	3°38	6° 6	26° 0	28°51	10°14	14°23	4°50	14° 3	21° 0	22°58	14°30	n.a.	W 3
T 4	10 34 57	10°44'40	23°32	2°51	7°19	26°40	28°54	10°21	14°22	4°48	14° 2	21°D 0	22°55	14°37	n.a.	T 4
F 5	10 38 54	11°43'44	5♉33	2° 7	8°32	27°19	28°56	10°29	14°21	4°47	14° 2	21° 1	22°51	14°43	n.a.	F 5
S 6	10 42 50	12°42'46	17°45	1°27	9°45	27°59	28°59	10°36	14°21	4°45	14° 1	21° 2	22°48	14°50	n.a.	S 6
S 7	10 46 47	13°41'45	0♊12	0°51	10°58	28°39	29° 1	10°43	14°20	4°44	14° 1	21° 4	22°45	14°57	n.a.	S 7
M 8	10 50 43	14°40'42	12°59	0°20	12°11	29°19	29° 3	10°50	14°19	4°42	14° 0	21°R 5	22°42	15° 3	n.a.	M 8
T 9	10 54 40	15°39'37	26°10	29♒54	13°24	29°58	29° 5	10°58	14°18	4°40	13°59	21° 4	22°39	15°10	n.a.	T 9
W10	10 58 36	16°38'29	9♋48	29°33	14°37	0♉38	29° 7	11° 5	14°17	4°39	13°59	21° 2	22°35	15°17	n.a.	W10
T 11	11 2 33	17°37'19	23°55	29°18	15°50	1°18	29° 9	11°12	14°16	4°37	13°58	20°59	22°32	15°23	n.a.	T 11
F 12	11 6 30	18°36'07	8♌28	29° 8	17° 3	1°57	29°10	11°20	14°15	4°35	13°58	20°55	22°29	15°30	n.a.	F 12
S 13	11 10 26	19°34'52	23°24	29°D 3	18°15	2°37	29°12	11°27	14°14	4°34	13°57	20°50	22°26	15°37	n.a.	S 13
S 14	11 14 23	20°33'35	8♍35	29° 4	19°28	3°16	29°13	11°35	14°13	4°32	13°57	20°46	22°23	15°43	n.a.	S 14
M15	11 18 19	21°32'15	23°50	29°10	20°41	3°56	29°14	11°42	14°12	4°31	13°57	20°43	22°20	15°50	n.a.	M15
T 16	11 22 16	22°30'54	9♎ 1	29°22	21°53	4°35	29°14	11°50	14°11	4°29	13°56	20°41	22°16	15°57	n.a.	T 16
W17	11 26 12	23°29'31	23°57	29°38	23° 6	5°15	29°15	11°57	14°10	4°28	13°56	20°D41	22°13	16° 3	n.a.	W17
T 18	11 30 9	24°28'06	8♏32	29°59	24°18	5°54	29°15	12° 5	14° 8	4°26	13°56	20°41	22°10	16°10	n.a.	T 18
F 19	11 34 5	25°26'39	22°41	0♓24	25°31	6°34	29°R15	12°12	14° 7	4°25	13°55	20°43	22° 7	16°17	n.a.	F 19
S 20	11 38 2	26°25'10	6♐23	0°54	26°43	7°13	29°15	12°20	14° 6	4°23	13°55	20°44	22° 4	16°23	n.a.	S 20
S 21	11 41 58	27°23'40	19°39	1°28	27°55	7°52	29°15	12°27	14° 4	4°21	13°55	20°45	22° 1	16°30	n.a.	S 21
M22	11 45 55	28°22'08	2♑32	2° 6	29° 7	8°32	29°15	12°35	14° 3	4°20	13°54	20°R45	21°57	16°37	n.a.	M22
T 23	11 49 52	29°20'35	15° 5	2°48	0♉20	9°11	29°14	12°43	14° 1	4°19	13°54	20°44	21°54	16°43	n.a.	T 23
W24	11 53 48	0♈18'59	27°22	3°33	1°32	9°50	29°13	12°50	14° 0	4°17	13°54	20°43	21°51	16°50	n.a.	W24
T 25	11 57 45	1°17'22	9♒27	4°22	2°44	10°30	29°12	12°58	13°58	4°16	13°54	20°40	21°48	16°57	n.a.	T 25
F 26	12 1 41	2°15'44	21°23	5°14	3°56	11° 9	29°11	13° 6	13°57	4°14	13°54	20°37	21°45	17° 3	n.a.	F 26
S 27	12 5 38	3°14'03	3♓14	6°10	5° 8	11°48	29°10	13°14	13°55	4°13	13°54	20°34	21°41	17°10	n.a.	S 27
S 28	12 9 34	4°12'21	15° 3	7° 8	6°19	12°27	29° 8	13°21	13°53	4°11	13°54	20°32	21°38	17°17	n.a.	S 28
M29	12 13 31	5°10'36	26°51	8° 9	7°31	13° 7	29° 7	13°29	13°52	4°10	13°54	20°30	21°35	17°23	n.a.	M29
T 30	12 17 27	6° 8'50	8♈42	9°13	8°43	13°46	29° 5	13°37	13°50	4° 9	13°D54	20°29	21°32	17°30	n.a.	T 30
W31	12 21 24	7♈ 7'03	20♈37	10♓20	9♉55	14♉25	29♏ 3	13♈45	13♏48	4♍ 7	13♋54	20°D28	21♎29	17♓37	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	8s44	2s12	2n49	6s40	3n14	1n 0	0s30	10n 4	0n27	19s20	0n47	1n52	2s20	16s 3	0n18	11n10	1n27	29n44	6n50	8s20	9s 4	3s17			n.a.
T 2	8 22	1n39	1 52	7 8	3 3	1 32	0 27	10 20	0 28	19 20	0 47	1 55	2 19	16 3	0 18	11 10	1 27	29 44	6 50	8 18	9 2	3 15			n.a.
W 3	8 0	5 26	0 51	7 37	2 52	2 4	0 25	10 35	0 28	19 21	0 47	1 58	2 19	16 2	0 18	11 11	1 27	29 44	6 50	8 17	9 1	3 13			n.a.
T 4	7 37	9 1	0s14	8 6	2 39	2 36	0 22	10 50	0 29	19 22	0 47	2 1	2 19	16 2	0 18	11 11	1 27	29 44	6 50	8 17	9 0	3 11			n.a.
F 5	7 14	12 17	1 18	8 34	2 25	3 7	0 19	11 5	0 29	19 22	0 47	2 4	2 19	16 2	0 18	11 12	1 27	29 44	6 50	8 17	8 59	3 9			n.a.
S 6	6 52	15 3	2 21	9 2	2 11	3 39	0 17	11 20	0 30	19 23	0 47	2 7	2 19	16 2	0 18	11 13	1 27	29 44	6 50	8 18	8 58	3 7			n.a.
S 7	6 29	17 12	3 18	9 29	1 56	4 10	0 14	11 35	0 31	19 23	0 47	2 10	2 19	16 2	0 18	11 13	1 27	29 44	6 49	8 18	8 56	3 5			n.a.
M 8	6 6	18 32	4 6	9 55	1 40	4 42	0 11	11 50	0 31	19 24	0 47	2 13	2 19	16 1	0 18	11 14	1 27	29 44	6 49	8 19	8 55	3 3			n.a.
T 9	5 43	18 55	4 44	10 18	1 25	5 13	0 8	12 5	0 32	19 24	0 47	2 16	2 19	16 1	0 18	11 15	1 27	29 44	6 49	8 18	8 54	3 1			n.a.
W10	5 20	18 14	5 7	10 40	1 9	5 44	0 6	12 19	0 32	19 24	0 47	2 19	2 18	16 1	0 18	11 15	1 27	29 44	6 49	8 18	8 53	2 59			n.a.
T 11	4 57	16 26	5 12	11 0	0 54	6 15	0 3	12 34	0 33	19 25	0 47	2 22	2 18	16 0	0 18	11 16	1 27	29 44	6 49	8 16	8 52	2 57			n.a.
F 12	4 33	13 33	4 58	11 18	0 38	6 46	0n 0	12 48	0 33	19 25	0 48	2 25	2 18	16 0	0 18	11 16	1 27	29 44	6 49	8 15	8 51	2 55			n.a.
S 13	4 10	9 43	4 24	11 34	0 23	7 17	0 3	13 2	0 34	19 25	0 48	2 28	2 18	16 0	0 18	11 17	1 27	29 44	6 49	8 13	8 49	2 53			n.a.
S 14	3 47	5 11	3 31	11 47	0 8	7 47	0 6	13 17	0 34	19 25	0 48	2 31	2 18	16 0	0 18	11 17	1 27	29 44	6 49	8 11	8 48	2 51			n.a.
M15	3 23	0 18	2 22	11 59	0s 6	8 18	0 9	13 31	0 35	19 26	0 48	2 34	2 18	15 59	0 18	11 18	1 27	29 44	6 49	8 10	8 47	2 49			n.a.
T 16	3 0	4s35	1 4	12 8	0 20	8 48	0 12	13 45	0 36	19 26	0 48	2 37	2 18	15 59	0 18	11 19	1 27	29 44	6 49	8 10	8 46	2 47			n.a.
W17	2 37	9 7	0n18	12 14	0 33	9 18	0 15	13 59	0 36	19 26	0 48	2 40	2 18	15 58	0 18	11 19	1 27	29 44	6 49	8 9	8 45	2 45			n.a.
T 18	2 13	12 58	1 37	12 19	0 46	9 48	0 18	14 12	0 37	19 26	0 48	2 43	2 18	15 58	0 18	11 20	1 27	29 44	6 48	8 10	8 43	2 44			n.a.
F 19	1 50	15 57	2 47	12 21	0 58	10 17	0 21	14 26	0 37	19 26	0 48	2 46	2 18	15 58	0 18	11 20	1 27	29 44	6 48	8 10	8 42	2 42			n.a.
S 20	1 26	17 54	3 46	12 21	1 9	10 47	0 24	14 40	0 38	19 26	0 48	2 49	2 17	15 57	0 18	11 21	1 27	29 43	6 48	8 11	8 41	2 40			n.a.
S 21	1 3	18 48	4 30	12 19	1 20	11 16	0 27	14 53	0 38	19 26	0 48	2 52	2 17	15 57	0 18	11 21	1 27	29 43	6 48	8 11	8 40	2 38			n.a.
M22	0 39	18 41	5 0	12 14	1 30	11 45	0 30	15 6	0 39	19 26	0 48	2 55	2 17	15 56	0 18	11 22	1 27	29 43	6 48	8 11	8 39	2 36			n.a.
T 23	0 16	17 38	5 14	12 8	1 39	12 13	0 33	15 20	0 39	19 25	0 48	2 58	2 17	15 56	0 18	11 22	1 27	29 43	6 48	8 11	8 37	2 34			n.a.
W24	0n 8	15 48	5 13	11 59	1 48	12 42	0 36	15 33	0 40	19 25	0 48	3 1	2 17	15 55	0 18	11 23	1 27	29 43	6 48	8 10	8 36	2 32			n.a.
T 25	0 31	13 17	4 59	11 49	1 56	13 10	0 39	15 46	0 40	19 25	0 48	3 4	2 17	15 55	0 18	11 24	1 27	29 43	6 48	8 9	8 35	2 30			n.a.
F 26	0 55	10 15	4 31	11 37	2 4	13 37	0 42	15 59	0 41	19 25	0 48	3 7	2 17	15 55	0 18	11 24	1 27	29 43	6 48	8 8	8 34	2 28			n.a.
S 27	1 18	6 49	3 52	11 22	2 11	14 5	0 45	16 11	0 41	19 24	0 48	3 11	2 17	15 54	0 18	11 25	1 26	29 43	6 47	8 7	8 33	2 26			n.a.
S 28	1 41	3 8	3 4	11 6	2 17	14 32	0 48	16 24	0 41	19 24	0 48	3 14	2 17	15 54	0 18	11 25	1 26	29 43	6 47	8 6	8 31	2 24			n.a.
M29	2 5	0n41	2 7	10 48	2 23	14 58	0 51	16 36	0 42	19 24	0 48	3 17	2 17	15 53	0 18	11 26	1 26	29 43	6 47	8 5	8 30	2 22			n.a.
T 30	2 28	4 29	1 5	10 28	2 28	15 25	0 54	16 49	0 42	19 23	0 48	3 20	2 17	15 52	0 18	11 26	1 26	29 42	6 47	8 5	8 29	2 20			n.a.
W31	2n51	8n 7	0s 1	10s 7	2s32	15n51	0n57	17n 1	0n43	19s23	0n48	3n23	2s17	15s52	0n18	11n27	1n26	29n42	6n47	8s 5	8s28	2s18			n.a.

Julian Day Number = 1709063.5, Delta T = 03h01m40s
Ecliptic obliquity = 23°41'49, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°31'48, Lahiri = - 4°24'47 Julian Calendar 1 March 34 BCE == Greg. Calendar 27 Feb. 034 BCE

The year -33 astronomical counting style corresponds to year 034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 34 BCE
geocentric

APRIL 34 BCE (-33) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 25 21	8♈ 5'13	2♉39	11♓29	11♉ 6	15♉ 4	29°R 0	13♈52	13°R46	4°R 6	13♋54	20♎29	21♎26	17♓43	n.a.	T 1
F 2	12 29 17	9° 3'21	14°49	12°41	12°18	15°43	28♏58	14° 0	13♏44	4♍ 5	13°54	20°30	21°22	17°50	n.a.	F 2
S 3	12 33 14	10° 1'28	27°10	13°55	13°29	16°22	28°55	14° 8	13°43	4° 3	13°54	20°31	21°19	17°57	n.a.	S 3
S 4	12 37 10	10°59'32	9♊45	15°12	14°41	17° 2	28°52	14°16	13°41	4° 2	13°54	20°31	21°16	18° 3	n.a.	S 4
M 5	12 41 7	11°57'35	22°37	16°30	15°52	17°41	28°49	14°24	13°39	4° 1	13°54	20°32	21°13	18°10	n.a.	M 5
T 6	12 45 3	12°55'36	5♋48	17°52	17° 3	18°20	28°46	14°31	13°37	4° 0	13°54	20°33	21°10	18°17	n.a.	T 6
W 7	12 49 0	13°53'34	19°21	19°15	18°14	18°59	28°43	14°39	13°35	3°59	13°55	20°R33	21° 6	18°23	n.a.	W 7
T 8	12 52 56	14°51'31	3♌17	20°40	19°25	19°38	28°39	14°47	13°33	3°57	13°55	20°32	21° 3	18°30	n.a.	T 8
F 9	12 56 53	15°49'26	17°35	22° 8	20°36	20°17	28°36	14°55	13°31	3°56	13°55	20°32	21° 0	18°37	n.a.	F 9
S 10	13 0 49	16°47'18	2♍14	23°37	21°47	20°56	28°32	15° 3	13°29	3°55	13°55	20°32	20°57	18°43	n.a.	S 10
S 11	13 4 46	17°45'09	17° 7	25° 9	22°58	21°35	28°28	15°10	13°26	3°54	13°56	20°31	20°54	18°50	n.a.	S 11
M12	13 8 43	18°42'58	2♎ 9	26°43	24° 9	22°13	28°24	15°18	13°24	3°53	13°56	20°31	20°51	18°57	n.a.	M12
T 13	13 12 39	19°40'45	17°12	28°19	25°20	22°52	28°19	15°26	13°22	3°52	13°56	20°D31	20°47	19° 3	n.a.	T 13
W14	13 16 36	20°38'31	2♏ 5	29°57	26°30	23°31	28°15	15°34	13°20	3°51	13°57	20°R31	20°44	19°10	n.a.	W14
T 15	13 20 32	21°36'16	16°42	1♈37	27°41	24°10	28°10	15°42	13°18	3°50	13°57	20°31	20°41	19°17	n.a.	T 15
F 16	13 24 29	22°33'59	0♐58	3°19	28°51	24°49	28° 5	15°49	13°15	3°49	13°58	20°31	20°38	19°23	n.a.	F 16
S 17	13 28 25	23°31'41	14°48	5° 3	0♊ 1	25°28	28° 0	15°57	13°13	3°48	13°58	20°31	20°35	19°30	n.a.	S 17
S 18	13 32 22	24°29'21	28°11	6°49	1°12	26° 7	27°55	16° 5	13°11	3°47	13°59	20°30	20°32	19°37	n.a.	S 18
M19	13 36 18	25°27'01	11♑10	8°37	2°22	26°45	27°50	16°13	13° 9	3°46	13°59	20°30	20°28	19°43	n.a.	M19
T 20	13 40 15	26°24'39	23°46	10°27	3°32	27°24	27°45	16°20	13° 6	3°45	14° 0	20°D30	20°25	19°50	n.a.	T 20
W21	13 44 12	27°22'16	6♒ 4	12°19	4°42	28° 3	27°39	16°28	13° 4	3°44	14° 0	20°30	20°22	19°57	n.a.	W21
T 22	13 48 8	28°19'53	18° 8	14°14	5°52	28°42	27°33	16°36	13° 2	3°44	14° 1	20°30	20°19	20° 3	n.a.	T 22
F 23	13 52 5	29°17'28	0♓ 3	16°10	7° 2	29°20	27°28	16°44	12°59	3°43	14° 2	20°31	20°16	20°10	n.a.	F 23
S 24	13 56 1	0♉15'01	11°52	18° 8	8°11	29°59	27°22	16°51	12°57	3°42	14° 2	20°32	20°12	20°17	n.a.	S 24
S 25	13 59 58	1°12'34	23°40	20° 8	9°21	0♊38	27°16	16°59	12°54	3°41	14° 3	20°33	20° 9	20°23	n.a.	S 25
M26	14 3 54	2°10'06	5♈31	22°10	10°30	1°16	27° 9	17° 7	12°52	3°41	14° 4	20°34	20° 6	20°30	n.a.	M26
T 27	14 7 51	3° 7'37	17°27	24°14	11°40	1°55	27° 3	17°14	12°50	3°40	14° 4	20°R34	20° 3	20°37	n.a.	T 27
W28	14 11 47	4° 5'06	29°30	26°19	12°49	2°34	26°57	17°22	12°47	3°39	14° 5	20°34	20° 0	20°43	n.a.	W28
T 29	14 15 44	5° 2'35	11♉44	28°26	13°58	3°12	26°50	17°29	12°45	3°39	14° 6	20°33	19°57	20°50	n.a.	T 29
F 30	14 19 41	6♉ 0'02	24♉ 9	0♉34	15♊ 7	3♊51	26♏44	17♈37	12♏42	3♍38	14♋ 7	20♎31	19♎53	20♓57	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3n14	11n28	1s 7	9s44	2s36	16n16	1n 0	17n13	0n43	19s22	0n48	3n26	2s17	15s51	0n18	11n27	1n26	29n42	6n47	8s 5	8s27	2s16		n.a.
F 2	3 38	14 22	2 11	9 19	2 39	16 41	1 3	17 25	0 44	19 22	0 48	3 29	2 17	15 51	0 18	11 27	1 26	29 42	6 47	8 5	8 25	2 14		n.a.
S 3	4 1	16 39	3 10	8 52	2 41	17 6	1 6	17 37	0 44	19 21	0 48	3 32	2 17	15 50	0 18	11 28	1 26	29 42	6 47	8 6	8 24	2 12		n.a.
S 4	4 24	18 11	4 1	8 24	2 43	17 30	1 9	17 49	0 45	19 21	0 48	3 35	2 17	15 50	0 18	11 28	1 26	29 42	6 47	8 6	8 23	2 11		n.a.
M 5	4 47	18 49	4 41	7 54	2 44	17 54	1 11	18 0	0 45	19 20	0 48	3 38	2 17	15 49	0 18	11 29	1 26	29 42	6 46	8 6	8 22	2 9		n.a.
T 6	5 9	18 27	5 7	7 22	2 45	18 18	1 14	18 12	0 45	19 19	0 48	3 41	2 17	15 49	0 18	11 29	1 26	29 42	6 46	8 6	8 21	2 7		n.a.
W 7	5 32	17 3	5 18	6 49	2 45	18 41	1 17	18 23	0 46	19 18	0 48	3 44	2 17	15 48	0 18	11 30	1 26	29 41	6 46	8 6	8 19	2 5		n.a.
T 8	5 55	14 36	5 10	6 15	2 44	19 3	1 20	18 34	0 46	19 18	0 48	3 47	2 17	15 47	0 18	11 30	1 26	29 41	6 46	8 6	8 18	2 3		n.a.
F 9	6 17	11 14	4 43	5 39	2 43	19 25	1 23	18 45	0 47	19 17	0 48	3 50	2 17	15 47	0 18	11 30	1 26	29 41	6 46	8 6	8 17	2 1		n.a.
S 10	6 40	7 6	3 57	5 1	2 41	19 47	1 25	18 56	0 47	19 16	0 48	3 54	2 17	15 46	0 18	11 31	1 26	29 41	6 46	8 6	8 16	1 59		n.a.
S 11	7 2	2 27	2 55	4 23	2 39	20 8	1 28	19 7	0 47	19 15	0 48	3 57	2 17	15 45	0 18	11 31	1 26	29 41	6 46	8 6	8 14	1 57		n.a.
M12	7 25	2s24	1 40	3 42	2 36	20 28	1 31	19 18	0 48	19 14	0 48	4 0	2 17	15 45	0 18	11 32	1 26	29 41	6 46	8 6	8 13	1 55		n.a.
T 13	7 47	7 6	0 18	3 1	2 33	20 48	1 33	19 28	0 48	19 13	0 48	4 3	2 17	15 44	0 18	11 32	1 26	29 41	6 46	8 6	8 12	1 53		n.a.
W14	8 9	11 20	1n 4	2 17	2 29	21 8	1 36	19 38	0 49	19 12	0 48	4 6	2 17	15 43	0 18	11 32	1 26	29 40	6 45	8 6	8 11	1 51		n.a.
T 15	8 31	14 46	2 21	1 33	2 24	21 27	1 38	19 48	0 49	19 11	0 48	4 9	2 17	15 43	0 18	11 33	1 26	29 40	6 45	8 6	8 10	1 49		n.a.
F 16	8 52	17 12	3 26	0 48	2 19	21 45	1 41	19 58	0 49	19 10	0 48	4 12	2 17	15 42	0 18	11 33	1 26	29 40	6 45	8 6	8 8	1 47		n.a.
S 17	9 14	18 33	4 18	0 1	2 13	22 3	1 43	20 8	0 50	19 9	0 48	4 15	2 17	15 41	0 18	11 33	1 26	29 40	6 45	8 6	8 7	1 45		n.a.
S 18	9 35	18 47	4 54	0n47	2 7	22 20	1 45	20 18	0 50	19 8	0 48	4 18	2 17	15 41	0 18	11 34	1 26	29 40	6 45	8 6	8 6	1 43		n.a.
M19	9 57	18 1	5 14	1 37	2 1	22 37	1 48	20 28	0 51	19 7	0 48	4 21	2 17	15 40	0 18	11 34	1 26	29 40	6 45	8 5	8 5	1 41		n.a.
T 20	10 18	16 22	5 17	2 27	1 53	22 53	1 50	20 37	0 51	19 6	0 48	4 24	2 17	15 39	0 18	11 34	1 26	29 39	6 45	8 5	8 4	1 39		n.a.
W21	10 39	14 1	5 6	3 18	1 46	23 8	1 52	20 46	0 51	19 4	0 48	4 27	2 17	15 39	0 18	11 34	1 26	29 39	6 45	8 5	8 2	1 38		n.a.
T 22	11 0	11 5	4 42	4 10	1 38	23 23	1 54	20 55	0 52	19 3	0 48	4 30	2 17	15 38	0 18	11 35	1 26	29 39	6 45	8 6	8 1	1 36		n.a.
F 23	11 20	7 45	4 5	5 3	1 29	23 38	1 56	21 4	0 52	19 2	0 48	4 32	2 17	15 37	0 18	11 35	1 26	29 39	6 44	8 6	8 0	1 34		n.a.
S 24	11 41	4 8	3 19	5 57	1 20	23 51	1 58	21 13	0 52	19 1	0 48	4 35	2 17	15 36	0 18	11 35	1 26	29 39	6 44	8 6	7 59	1 32		n.a.
S 25	12 1	0 21	2 24	6 52	1 11	24 4	2 0	21 22	0 53	18 59	0 48	4 38	2 17	15 36	0 18	11 35	1 26	29 39	6 44	8 7	7 58	1 30		n.a.
M26	12 21	3n28	1 23	7 47	1 1	24 17	2 2	21 30	0 53	18 58	0 47	4 41	2 17	15 35	0 18	11 36	1 26	29 38	6 44	8 7	7 56	1 28		n.a.
T 27	12 41	7 11	0 17	8 42	0 51	24 28	2 4	21 38	0 53	18 56	0 47	4 44	2 17	15 34	0 18	11 36	1 26	29 38	6 44	8 7	7 55	1 26		n.a.
W28	13 1	10 39	0s49	9 38	0 41	24 39	2 6	21 46	0 54	18 55	0 47	4 47	2 17	15 33	0 18	11 36	1 26	29 38	6 44	8 7	7 54	1 24		n.a.
T 29	13 21	13 42	1 55	10 33	0 31	24 50	2 7	21 54	0 54	18 54	0 47	4 50	2 17	15 33	0 18	11 36	1 26	29 38	6 44	8 7	7 53	1 22		n.a.
F 30	13n40	16n11	2s55	11n29	0s20	24n59	2n 9	22n 2	0n54	18s52	0n47	4n53	2s17	15s32	0n18	11n37	1n26	29n38	6n44	8s 6	7s52	1s20		n.a.

Julian Day Number = 1709094.5, Delta T = 03h01m39s
Ecliptic obliquity = 23°41'49, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°31'43, Lahiri = - 4°24'43 Julian Calendar 1 Apr. 34 BCE == Greg. Calendar 30 March 034 BCE

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ASTRODIENST EPHEMERIS for the year 34 BCE
geocentric

MAY 34 BCE (-33) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 23 37	6♉57'29	6♊47	2♉43	16♊16	4♊29	26°R37	17♈44	12°R40	3°R38	14♋ 8	20°R29	19♎50	21♓ 3	n.a.	S 1
S 2	14 27 34	7°54'54	19°39	4°54	17°25	5° 8	26♏30	17°52	12♏37	3♍37	14° 8	20♎27	19°47	21°10	n.a.	S 2
M 3	14 31 30	8°52'18	2♋45	7° 5	18°34	5°47	26°23	17°59	12°35	3°37	14° 9	20°24	19°44	21°17	n.a.	M 3
T 4	14 35 27	9°49'40	16° 6	9°16	19°43	6°25	26°16	18° 7	12°32	3°36	14°10	20°23	19°41	21°23	n.a.	T 4
W 5	14 39 23	10°47'02	29°42	11°28	20°51	7° 4	26° 9	18°14	12°30	3°36	14°11	20°21	19°37	21°30	n.a.	W 5
T 6	14 43 20	11°44'22	13♌34	13°40	22° 0	7°42	26° 2	18°22	12°27	3°35	14°12	20°D21	19°34	21°37	n.a.	T 6
F 7	14 47 16	12°41'41	27°41	15°51	23° 8	8°21	25°55	18°29	12°25	3°35	14°13	20°21	19°31	21°43	n.a.	F 7
S 8	14 51 13	13°38'59	12♍ 2	18° 2	24°16	8°59	25°48	18°36	12°22	3°35	14°14	20°23	19°28	21°50	n.a.	S 8
S 9	14 55 10	14°36'15	26°33	20°12	25°24	9°38	25°40	18°44	12°20	3°34	14°15	20°24	19°25	21°57	n.a.	S 9
M10	14 59 6	15°33'31	11♎12	22°21	26°32	10°16	25°33	18°51	12°17	3°34	14°16	20°25	19°22	22° 3	n.a.	M10
T 11	15 3 3	16°30'45	25°53	24°29	27°40	10°55	25°25	18°58	12°15	3°34	14°17	20°R25	19°18	22°10	n.a.	T 11
W12	15 6 59	17°27'59	10♏29	26°35	28°47	11°33	25°18	19° 6	12°13	3°34	14°18	20°24	19°15	22°17	n.a.	W12
T 13	15 10 56	18°25'12	24°55	28°39	29°55	12°11	25°10	19°13	12°10	3°33	14°19	20°22	19°12	22°23	n.a.	T 13
F 14	15 14 52	19°22'24	9♐ 4	0♊42	1♋ 2	12°50	25° 3	19°20	12° 8	3°33	14°21	20°18	19° 9	22°30	n.a.	F 14
S 15	15 18 49	20°19'36	22°52	2°43	2° 9	13°28	24°55	19°27	12° 5	3°33	14°22	20°14	19° 6	22°37	n.a.	S 15
S 16	15 22 45	21°16'47	6♑17	4°41	3°16	14° 7	24°48	19°34	12° 3	3°33	14°23	20° 9	19° 3	22°43	n.a.	S 16
M17	15 26 42	22°13'58	19°19	6°38	4°23	14°45	24°40	19°41	12° 0	3°33	14°24	20° 5	18°59	22°50	n.a.	M17
T 18	15 30 39	23°11'09	1♒58	8°32	5°30	15°23	24°32	19°48	11°58	3°D33	14°25	20° 2	18°56	22°57	n.a.	T 18
W19	15 34 35	24° 8'19	14°18	10°24	6°36	16° 2	24°25	19°55	11°55	3°33	14°27	20° 0	18°53	23° 3	n.a.	W19
T 20	15 38 32	25° 5'29	26°23	12°14	7°42	16°40	24°17	20° 2	11°53	3°33	14°28	19°D59	18°50	23°10	n.a.	T 20
F 21	15 42 28	26° 2'39	8♓18	14° 1	8°49	17°18	24° 9	20° 9	11°51	3°33	14°29	20° 0	18°47	23°17	n.a.	F 21
S 22	15 46 25	26°59'49	20° 7	15°46	9°55	17°57	24° 2	20°16	11°48	3°33	14°30	20° 1	18°43	23°23	n.a.	S 22
S 23	15 50 21	27°56'58	1♈56	17°29	11° 1	18°35	23°54	20°22	11°46	3°33	14°32	20° 3	18°40	23°30	n.a.	S 23
M24	15 54 18	28°54'08	13°50	19° 9	12° 6	19°13	23°46	20°29	11°44	3°33	14°33	20° 4	18°37	23°37	n.a.	M24
T 25	15 58 14	29°51'17	25°51	20°47	13°12	19°51	23°39	20°36	11°41	3°34	14°34	20°R 4	18°34	23°43	n.a.	T 25
W26	16 2 11	0♊48'26	8♉ 5	22°23	14°17	20°30	23°31	20°42	11°39	3°34	14°36	20° 3	18°31	23°50	n.a.	W26
T 27	16 6 8	1°45'35	20°32	23°56	15°22	21° 8	23°24	20°49	11°37	3°34	14°37	19°59	18°28	23°57	n.a.	T 27
F 28	16 10 4	2°42'44	3♊16	25°27	16°27	21°46	23°16	20°55	11°34	3°34	14°38	19°54	18°24	24° 3	n.a.	F 28
S 29	16 14 1	3°39'52	16°14	26°56	17°32	22°25	23° 9	21° 2	11°32	3°35	14°40	19°47	18°21	24°10	n.a.	S 29
S 30	16 17 57	4°37'01	29°28	28°22	18°36	23° 3	23° 1	21° 8	11°30	3°35	14°41	19°40	18°18	24°17	n.a.	S 30
M31	16 21 54	5♊34'09	12♋56	29♊45	19♋41	23♊41	22♏54	21♈15	11♏28	3♍36	14♋43	19♎33	18♎15	24♓23	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n59	17n55	3s49	12n24	0s 9	25n 8	2n10	22n10	0n55	18s51	0n47	4n56	2s17	15s31	0n18	11n37	1n26	29n37	6n44	8s 5	7s50	1s18		n.a.
S 2	14 18	18 47	4 31	13 19	0n 1	25 17	2 12	22 17	0 55	18 49	0 47	4 58	2 17	15 30	0 18	11 37	1 26	29 37	6 43	8 4	7 49	1 16		n.a.
M 3	14 37	18 39	5 1	14 13	0 12	25 24	2 13	22 24	0 55	18 48	0 47	5 1	2 17	15 30	0 18	11 37	1 26	29 37	6 43	8 3	7 48	1 14		n.a.
T 4	14 55	17 30	5 15	15 5	0 22	25 31	2 14	22 31	0 56	18 46	0 47	5 4	2 17	15 29	0 18	11 37	1 25	29 37	6 43	8 3	7 47	1 12		n.a.
W 5	15 13	15 21	5 11	15 57	0 32	25 38	2 15	22 38	0 56	18 44	0 47	5 7	2 17	15 28	0 18	11 37	1 25	29 37	6 43	8 2	7 45	1 11		n.a.
T 6	15 31	12 18	4 50	16 47	0 42	25 43	2 16	22 45	0 56	18 43	0 47	5 10	2 17	15 27	0 18	11 37	1 25	29 36	6 43	8 2	7 44	1 9		n.a.
F 7	15 49	8 29	4 11	17 35	0 52	25 48	2 17	22 52	0 56	18 41	0 47	5 12	2 17	15 27	0 18	11 37	1 25	29 36	6 43	8 2	7 43	1 7		n.a.
S 8	16 6	4 6	3 16	18 22	1 1	25 52	2 18	22 58	0 57	18 40	0 47	5 15	2 17	15 26	0 18	11 38	1 25	29 36	6 43	8 3	7 42	1 5		n.a.
S 9	16 24	0s34	2 8	19 7	1 10	25 56	2 19	23 4	0 57	18 38	0 46	5 18	2 18	15 25	0 18	11 38	1 25	29 36	6 43	8 3	7 41	1 3		n.a.
M10	16 40	5 15	0 51	19 49	1 18	25 59	2 20	23 10	0 57	18 36	0 46	5 21	2 18	15 24	0 18	11 38	1 25	29 36	6 43	8 4	7 39	1 1		n.a.
T 11	16 57	9 38	0n30	20 29	1 26	26 1	2 20	23 16	0 58	18 35	0 46	5 23	2 18	15 24	0 18	11 38	1 25	29 35	6 43	8 4	7 38	0 59		n.a.
W12	17 14	13 25	1 48	21 6	1 33	26 2	2 21	23 22	0 58	18 33	0 46	5 26	2 18	15 23	0 18	11 38	1 25	29 35	6 43	8 3	7 37	0 57		n.a.
T 13	17 30	16 19	2 58	21 41	1 39	26 3	2 21	23 27	0 58	18 31	0 46	5 29	2 18	15 22	0 18	11 38	1 25	29 35	6 43	8 2	7 36	0 55		n.a.
F 14	17 46	18 10	3 56	22 14	1 45	26 3	2 21	23 33	0 58	18 29	0 46	5 31	2 18	15 21	0 18	11 38	1 25	29 35	6 42	8 1	7 35	0 53		n.a.
S 15	18 1	18 52	4 38	22 43	1 50	26 2	2 22	23 38	0 59	18 28	0 46	5 34	2 18	15 21	0 18	11 38	1 25	29 35	6 42	7 59	7 33	0 51		n.a.
S 16	18 16	18 29	5 4	23 11	1 54	26 1	2 22	23 43	0 59	18 26	0 46	5 36	2 18	15 20	0 18	11 38	1 25	29 34	6 42	7 57	7 32	0 49		n.a.
M17	18 31	17 8	5 13	23 35	1 58	25 59	2 22	23 48	0 59	18 24	0 46	5 39	2 18	15 19	0 18	11 38	1 25	29 34	6 42	7 56	7 31	0 47		n.a.
T 18	18 46	14 58	5 6	23 57	2 1	25 56	2 21	23 52	0 59	18 22	0 45	5 42	2 18	15 18	0 18	11 38	1 25	29 34	6 42	7 55	7 30	0 45		n.a.
W19	19 1	12 10	4 45	24 17	2 3	25 53	2 21	23 57	1 0	18 21	0 45	5 44	2 18	15 18	0 18	11 38	1 25	29 34	6 42	7 54	7 28	0 44		n.a.
T 20	19 15	8 54	4 12	24 34	2 5	25 49	2 21	24 1	1 0	18 19	0 45	5 47	2 19	15 17	0 18	11 38	1 25	29 34	6 42	7 54	7 27	0 42		n.a.
F 21	19 28	5 20	3 28	24 48	2 5	25 44	2 20	24 5	1 0	18 17	0 45	5 49	2 19	15 16	0 18	11 38	1 25	29 33	6 42	7 54	7 26	0 40		n.a.
S 22	19 42	1 34	2 36	25 0	2 5	25 39	2 20	24 9	1 0	18 15	0 45	5 52	2 19	15 16	0 18	11 38	1 25	29 33	6 42	7 55	7 25	0 38		n.a.
S 23	19 55	2n16	1 37	25 10	2 5	25 33	2 19	24 12	1 1	18 14	0 45	5 54	2 19	15 15	0 18	11 37	1 25	29 33	6 42	7 55	7 24	0 36		n.a.
M24	20 8	6 2	0 34	25 18	2 3	25 26	2 18	24 16	1 1	18 12	0 45	5 56	2 19	15 14	0 18	11 37	1 25	29 33	6 42	7 56	7 22	0 34		n.a.
T 25	20 20	9 36	0s31	25 23	2 1	25 19	2 17	24 19	1 1	18 10	0 44	5 59	2 19	15 13	0 18	11 37	1 25	29 33	6 42	7 56	7 21	0 32		n.a.
W26	20 32	12 50	1 36	25 27	1 59	25 11	2 16	24 22	1 1	18 8	0 44	6 1	2 19	15 13	0 18	11 37	1 25	29 32	6 42	7 55	7 20	0 30		n.a.
T 27	20 44	15 33	2 38	25 29	1 55	25 2	2 15	24 25	1 2	18 7	0 44	6 4	2 19	15 12	0 18	11 37	1 25	29 32	6 42	7 54	7 19	0 28		n.a.
F 28	20 56	17 33	3 33	25 28	1 51	24 53	2 14	24 28	1 2	18 5	0 44	6 6	2 20	15 11	0 18	11 37	1 25	29 32	6 42	7 52	7 17	0 26		n.a.
S 29	21 7	18 42	4 18	25 26	1 47	24 43	2 12	24 30	1 2	18 3	0 44	6 8	2 20	15 11	0 18	11 37	1 25	29 32	6 41	7 49	7 16	0 24		n.a.
S 30	21 17	18 52	4 50	25 23	1 42	24 33	2 11	24 33	1 2	18 1	0 44	6 11	2 20	15 10	0 18	11 37	1 25	29 31	6 41	7 46	7 15	0 22		n.a.
M31	21n28	17n59	5s 6	25n17	1n36	24n22	2n 9	24n35	1n 2	18s 0	0n44	6n13	2s20	15s 9	0n18	11n36	1n24	29n31	6n41	7s44	7s14	0s20		n.a.

Julian Day Number = 1709124.5, Delta T = 03h01m38s
Ecliptic obliquity = 23°41'48, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°31'39, Lahiri = - 4°24'39 Julian Calendar 1 May 34 BCE == Greg. Calendar 29 Apr. 034 BCE

The year -33 astronomical counting style corresponds to year 034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 34 BCE
geocentric

JUNE 34 BCE (-33) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 25 50	6♊31'17	26♋36	1♋ 6	20♋45	24♊19	22°R47	21♈21	11°R26	3♍36	14♋44	19°R26	18♎12	24♓30	n.a.	T 1
W 2	16 29 47	7°28'25	10♌26	2°24	21°49	24°58	22♏40	21°27	11♏24	3°36	14°46	19♎21	18° 9	24°37	n.a.	W 2
T 3	16 33 44	8°25'32	24°24	3°40	22°52	25°36	22°32	21°34	11°21	3°37	14°47	19°19	18° 5	24°43	n.a.	T 3
F 4	16 37 40	9°22'39	8♍28	4°53	23°56	26°14	22°25	21°40	11°19	3°38	14°49	19°D18	18° 2	24°50	n.a.	F 4
S 5	16 41 37	10°19'45	22°38	6° 4	24°59	26°52	22°18	21°46	11°17	3°38	14°50	19°18	17°59	24°57	n.a.	S 5
S 6	16 45 33	11°16'52	6♎52	7°11	26° 2	27°30	22°12	21°52	11°15	3°39	14°52	19°19	17°56	25° 3	n.a.	S 6
M 7	16 49 30	12°13'58	21° 8	8°16	27° 4	28° 9	22° 5	21°58	11°13	3°39	14°53	19°R20	17°53	25°10	n.a.	M 7
T 8	16 53 26	13°11'04	5♏24	9°18	28° 6	28°47	21°58	22° 4	11°11	3°40	14°55	19°19	17°49	25°17	n.a.	T 8
W 9	16 57 23	14° 8'10	19°35	10°17	29° 8	29°25	21°51	22° 9	11° 9	3°41	14°56	19°15	17°46	25°23	n.a.	W 9
T 10	17 1 19	15° 5'17	3♐39	11°12	0♌10	0♋ 3	21°45	22°15	11° 7	3°41	14°58	19°10	17°43	25°30	n.a.	T 10
F 11	17 5 16	16° 2'23	17°31	12° 4	1°12	0°41	21°38	22°21	11° 5	3°42	15° 0	19° 2	17°40	25°37	n.a.	F 11
S 12	17 9 13	16°59'30	1♑ 6	12°53	2°13	1°19	21°32	22°26	11° 4	3°43	15° 1	18°53	17°37	25°43	n.a.	S 12
S 13	17 13 9	17°56'37	14°23	13°39	3°14	1°58	21°26	22°32	11° 2	3°44	15° 3	18°43	17°34	25°50	n.a.	S 13
M14	17 17 6	18°53'45	27°19	14°20	4°14	2°36	21°20	22°38	11° 0	3°45	15° 4	18°34	17°30	25°56	n.a.	M14
T 15	17 21 2	19°50'53	9♒56	14°58	5°14	3°14	21°14	22°43	10°58	3°45	15° 6	18°26	17°27	26° 3	n.a.	T 15
W16	17 24 59	20°48'02	22°16	15°32	6°14	3°52	21° 8	22°48	10°57	3°46	15° 8	18°20	17°24	26°10	n.a.	W16
T 17	17 28 55	21°45'11	4♓20	16° 2	7°13	4°30	21° 3	22°54	10°55	3°47	15° 9	18°16	17°21	26°16	n.a.	T 17
F 18	17 32 52	22°42'21	16°15	16°28	8°13	5° 8	20°57	22°59	10°53	3°48	15°11	18°15	17°18	26°23	n.a.	F 18
S 19	17 36 48	23°39'32	28° 5	16°49	9°11	5°46	20°52	23° 4	10°52	3°49	15°13	18°D15	17°15	26°30	n.a.	S 19
S 20	17 40 45	24°36'44	9♈55	17° 6	10°10	6°25	20°46	23° 9	10°50	3°50	15°14	18°15	17°11	26°36	n.a.	S 20
M21	17 44 42	25°33'56	21°50	17°18	11° 8	7° 3	20°41	23°14	10°49	3°51	15°16	18°R15	17° 8	26°43	n.a.	M21
T 22	17 48 38	26°31'09	3♉56	17°25	12° 5	7°41	20°36	23°19	10°47	3°52	15°18	18°14	17° 5	26°50	n.a.	T 22
W23	17 52 35	27°28'24	16°16	17°R28	13° 2	8°19	20°31	23°24	10°46	3°53	15°20	18°11	17° 2	26°56	n.a.	W23
T 24	17 56 31	28°25'39	28°55	17°25	13°59	8°57	20°27	23°29	10°44	3°55	15°21	18° 5	16°59	27° 3	n.a.	T 24
F 25	18 0 28	29°22'55	11♊54	17°18	14°55	9°35	20°22	23°33	10°43	3°56	15°23	17°57	16°55	27°10	n.a.	F 25
S 26	18 4 24	0♋20'11	25°13	17° 6	15°51	10°13	20°18	23°38	10°42	3°57	15°25	17°47	16°52	27°16	n.a.	S 26
S 27	18 8 21	1°17'29	8♋51	16°48	16°46	10°52	20°14	23°42	10°40	3°58	15°27	17°36	16°49	27°23	n.a.	S 27
M28	18 12 17	2°14'47	22°45	16°26	17°41	11°30	20°10	23°47	10°39	3°59	15°28	17°24	16°46	27°30	n.a.	M28
T 29	18 16 14	3°12'06	6♌50	16° 0	18°35	12° 8	20° 6	23°51	10°38	4° 1	15°30	17°14	16°43	27°36	n.a.	T 29
W30	18 20 11	4♋ 9'26	21♌ 1	15♋29	19♌29	12♋46	20♏ 2	23♈55	10♏37	4♍ 2	15♋32	17♎ 7	16♎40	27♓43	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n38	16n 3	5s 6	25n11	1n29	24n10	2n 7	24n37	1n 3	17s58	0n43	6n15	2s20	15s 9	0n18	11n36	1n24	29n31	6n41	7s41	7s13	0s19		n.a.
W 2	21 47	13 12	4 48	25 3	1 22	23 58	2 5	24 39	1 3	17 56	0 43	6 17	2 20	15 8	0 17	11 36	1 24	29 31	6 41	7 39	7 11	0 17		n.a.
T 3	21 57	9 34	4 13	24 53	1 15	23 45	2 3	24 40	1 3	17 55	0 43	6 19	2 20	15 7	0 17	11 36	1 24	29 31	6 41	7 38	7 10	0 15		n.a.
F 4	22 6	5 22	3 22	24 43	1 6	23 32	2 1	24 42	1 3	17 53	0 43	6 22	2 21	15 7	0 17	11 36	1 24	29 30	6 41	7 38	7 9	0 13		n.a.
S 5	22 14	0 50	2 19	24 31	0 58	23 18	1 58	24 43	1 3	17 51	0 43	6 24	2 21	15 6	0 17	11 35	1 24	29 30	6 41	7 38	7 8	0 11		n.a.
S 6	22 22	3s46	1 7	24 18	0 48	23 4	1 56	24 44	1 4	17 50	0 42	6 26	2 21	15 5	0 17	11 35	1 24	29 30	6 41	7 38	7 6	0 9		n.a.
M 7	22 30	8 11	0n10	24 5	0 39	22 49	1 53	24 45	1 4	17 48	0 42	6 28	2 21	15 5	0 17	11 35	1 24	29 30	6 41	7 39	7 5	0 7		n.a.
T 8	22 38	12 7	1 25	23 50	0 28	22 34	1 50	24 45	1 4	17 47	0 42	6 30	2 21	15 4	0 17	11 34	1 24	29 30	6 41	7 38	7 4	0 5		n.a.
W 9	22 45	15 20	2 35	23 35	0 18	22 18	1 47	24 46	1 4	17 45	0 42	6 32	2 21	15 4	0 17	11 34	1 24	29 29	6 41	7 37	7 3	0 3		n.a.
T 10	22 51	17 36	3 35	23 19	0 6	22 1	1 44	24 46	1 4	17 44	0 42	6 34	2 22	15 3	0 17	11 34	1 24	29 29	6 41	7 35	7 2	0 1		n.a.
F 11	22 57	18 47	4 20	23 3	0s 5	21 45	1 41	24 46	1 5	17 42	0 41	6 36	2 22	15 3	0 17	11 34	1 24	29 29	6 41	7 32	7 0	0n 1		n.a.
S 12	23 3	18 51	4 50	22 47	0 17	21 28	1 37	24 46	1 5	17 41	0 41	6 38	2 22	15 2	0 17	11 33	1 24	29 29	6 41	7 28	6 59	0 3		n.a.
S 13	23 9	17 52	5 4	22 30	0 30	21 10	1 34	24 46	1 5	17 39	0 41	6 40	2 22	15 1	0 17	11 33	1 24	29 29	6 41	7 25	6 58	0 4		n.a.
M14	23 14	16 0	5 1	22 12	0 43	20 52	1 30	24 45	1 5	17 38	0 41	6 42	2 22	15 1	0 17	11 33	1 24	29 28	6 41	7 21	6 57	0 6		n.a.
T 15	23 18	13 23	4 44	21 55	0 56	20 33	1 26	24 45	1 5	17 36	0 41	6 44	2 23	15 0	0 17	11 32	1 24	29 28	6 41	7 18	6 55	0 8		n.a.
W16	23 22	10 15	4 14	21 38	1 10	20 15	1 22	24 44	1 5	17 35	0 40	6 45	2 23	15 0	0 17	11 32	1 24	29 28	6 41	7 16	6 54	0 10		n.a.
T 17	23 26	6 44	3 32	21 21	1 23	19 55	1 18	24 43	1 6	17 34	0 40	6 47	2 23	14 59	0 17	11 31	1 24	29 28	6 41	7 14	6 53	0 12		n.a.
F 18	23 30	2 59	2 42	21 4	1 37	19 36	1 14	24 41	1 6	17 33	0 40	6 49	2 23	14 59	0 17	11 31	1 24	29 28	6 41	7 14	6 52	0 14		n.a.
S 19	23 33	0n50	1 46	20 47	1 52	19 16	1 9	24 40	1 6	17 31	0 40	6 51	2 23	14 58	0 17	11 31	1 24	29 27	6 41	7 14	6 50	0 16		n.a.
S 20	23 35	4 39	0 44	20 31	2 6	18 56	1 5	24 38	1 6	17 30	0 40	6 52	2 23	14 58	0 17	11 30	1 24	29 27	6 41	7 14	6 49	0 18		n.a.
M21	23 37	8 18	0s19	20 15	2 20	18 35	1 0	24 36	1 6	17 29	0 39	6 54	2 24	14 57	0 17	11 30	1 24	29 27	6 41	7 14	6 48	0 20		n.a.
T 22	23 39	11 40	1 23	20 0	2 35	18 14	0 55	24 34	1 6	17 28	0 39	6 56	2 24	14 57	0 17	11 29	1 24	29 27	6 41	7 13	6 47	0 22		n.a.
W23	23 40	14 36	2 23	19 45	2 49	17 53	0 50	24 32	1 6	17 27	0 39	6 57	2 24	14 56	0 17	11 29	1 24	29 27	6 41	7 12	6 46	0 24		n.a.
T 24	23 41	16 54	3 19	19 32	3 3	17 31	0 45	24 30	1 7	17 26	0 39	6 59	2 24	14 56	0 17	11 29	1 24	29 26	6 41	7 10	6 44	0 26		n.a.
F 25	23 42	18 25	4 5	19 19	3 16	17 10	0 39	24 27	1 7	17 25	0 39	7 0	2 24	14 56	0 17	11 28	1 24	29 26	6 41	7 7	6 43	0 27		n.a.
S 26	23 42	18 58	4 39	19 8	3 29	16 47	0 34	24 24	1 7	17 24	0 38	7 2	2 25	14 55	0 17	11 28	1 24	29 26	6 41	7 3	6 42	0 29		n.a.
S 27	23 41	18 26	4 58	18 57	3 42	16 25	0 28	24 22	1 7	17 23	0 38	7 3	2 25	14 55	0 17	11 27	1 23	29 26	6 41	6 59	6 41	0 31		n.a.
M28	23 41	16 49	5 0	18 48	3 54	16 3	0 22	24 18	1 7	17 22	0 38	7 5	2 25	14 55	0 17	11 27	1 23	29 26	6 41	6 54	6 39	0 33		n.a.
T 29	23 39	14 11	4 45	18 41	4 5	15 40	0 16	24 15	1 7	17 21	0 38	7 6	2 25	14 54	0 17	11 26	1 23	29 25	6 41	6 50	6 38	0 35		n.a.
W30	23n38	10n41	4s11	18n34	4s15	15n17	0n10	24n12	1n 7	17s20	0n37	7n 8	2s26	14s54	0n17	11n26	1n23	29n25	6n41	6s47	6s37	0n37		n.a.

Julian Day Number = 1709155.5, Delta T = 03h01m37s
Ecliptic obliquity = 23°41'47, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°31'35, Lahiri = - 4°24'35 Julian Calendar 1 June 34 BCE == Greg. Calendar 30 May 034 BCE

The year -33 astronomical counting style corresponds to year 034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 34 BCE
geocentric

JULY 34 BCE (-33) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 24 7	5♋ 6'46	5♍15	14°R54	20♌22	13♋24	19°R58	24♈ 0	10°R36	4♍ 3	15♋34	17°R 2	16♎36	27♓50	n.a.	T 1
F 2	18 28 4	6° 4'07	19°28	14♋16	21°15	14° 2	19♏55	24° 4	10♏35	4° 5	15°35	16♎59	16°33	27°56	n.a.	F 2
S 3	18 32 0	7° 1'29	3♎38	13°35	22° 7	14°40	19°52	24° 8	10°34	4° 6	15°37	16°D58	16°30	28° 3	n.a.	S 3
S 4	18 35 57	7°58'51	17°44	12°51	22°58	15°18	19°49	24°12	10°33	4° 7	15°39	16°R58	16°27	28°10	n.a.	S 4
M 5	18 39 53	8°56'14	1♏44	12° 6	23°49	15°57	19°46	24°15	10°32	4° 9	15°41	16°58	16°24	28°16	n.a.	M 5
T 6	18 43 50	9°53'38	15°39	11°20	24°39	16°35	19°43	24°19	10°31	4°10	15°43	16°56	16°21	28°23	n.a.	T 6
W 7	18 47 46	10°51'03	29°26	10°34	25°28	17°13	19°41	24°23	10°30	4°12	15°44	16°51	16°17	28°30	n.a.	W 7
T 8	18 51 43	11°48'28	13♐ 5	9°49	26°16	17°51	19°39	24°26	10°29	4°13	15°46	16°43	16°14	28°36	n.a.	T 8
F 9	18 55 40	12°45'55	26°33	9° 6	27° 4	18°29	19°37	24°30	10°28	4°15	15°48	16°33	16°11	28°43	n.a.	F 9
S 10	18 59 36	13°43'22	9♑48	8°25	27°51	19° 7	19°35	24°33	10°28	4°16	15°50	16°21	16° 8	28°49	n.a.	S 10
S 11	19 3 33	14°40'51	22°49	7°47	28°37	19°45	19°33	24°36	10°27	4°18	15°52	16° 8	16° 5	28°56	n.a.	S 11
M12	19 7 29	15°38'21	5♒34	7°14	29°23	20°24	19°31	24°40	10°27	4°19	15°53	15°56	16° 1	29° 3	n.a.	M12
T 13	19 11 26	16°35'52	18° 3	6°46	0♍ 7	21° 2	19°30	24°43	10°26	4°21	15°55	15°45	15°58	29° 9	n.a.	T 13
W14	19 15 22	17°33'25	0♓17	6°23	0°51	21°40	19°29	24°46	10°26	4°23	15°57	15°37	15°55	29°16	n.a.	W14
T 15	19 19 19	18°30'59	12°18	6° 5	1°33	22°18	19°28	24°49	10°25	4°24	15°59	15°31	15°52	29°23	n.a.	T 15
F 16	19 23 15	19°28'35	24°11	5°55	2°15	22°56	19°27	24°51	10°25	4°26	16° 1	15°28	15°49	29°29	n.a.	F 16
S 17	19 27 12	20°26'12	6♈ 0	5°D51	2°56	23°34	19°26	24°54	10°24	4°28	16° 2	15°26	15°46	29°36	n.a.	S 17
S 18	19 31 9	21°23'51	17°49	5°54	3°35	24°13	19°26	24°57	10°24	4°29	16° 4	15°26	15°42	29°43	n.a.	S 18
M19	19 35 5	22°21'31	29°44	6° 5	4°14	24°51	19°25	24°59	10°24	4°31	16° 6	15°26	15°39	29°49	n.a.	M19
T 20	19 39 2	23°19'14	11♉50	6°23	4°51	25°29	19°D25	25° 2	10°24	4°33	16° 8	15°25	15°36	29°56	n.a.	T 20
W21	19 42 58	24°16'58	24°14	6°48	5°27	26° 7	19°25	25° 4	10°24	4°35	16°10	15°22	15°33	0♈ 3	n.a.	W21
T 22	19 46 55	25°14'44	6♊58	7°20	6° 2	26°45	19°26	25° 6	10°24	4°37	16°11	15°16	15°30	0° 9	n.a.	T 22
F 23	19 50 51	26°12'31	20° 6	8° 0	6°36	27°24	19°26	25° 8	10°D24	4°38	16°13	15° 8	15°26	0°16	n.a.	F 23
S 24	19 54 48	27°10'20	3♋39	8°48	7° 8	28° 2	19°27	25°10	10°24	4°40	16°15	14°58	15°23	0°23	n.a.	S 24
S 25	19 58 44	28° 8'11	17°35	9°42	7°39	28°40	19°28	25°12	10°24	4°42	16°17	14°47	15°20	0°29	n.a.	S 25
M26	20 2 41	29° 6'04	1♌51	10°43	8° 8	29°18	19°29	25°14	10°24	4°44	16°19	14°36	15°17	0°36	n.a.	M26
T 27	20 6 38	0♌ 3'58	16°21	11°50	8°36	29°57	19°30	25°16	10°24	4°46	16°20	14°26	15°14	0°43	n.a.	T 27
W28	20 10 34	1° 1'54	0♍58	13° 4	9° 3	0♌35	19°31	25°17	10°24	4°48	16°22	14°18	15°11	0°49	n.a.	W28
T 29	20 14 31	1°59'51	15°35	14°23	9°28	1°13	19°33	25°19	10°24	4°50	16°24	14°13	15° 7	0°56	n.a.	T 29
F 30	20 18 27	2°57'49	0♎ 6	15°48	9°51	1°51	19°35	25°20	10°25	4°52	16°26	14°10	15° 4	1° 3	n.a.	F 30
S 31	20 22 24	3♌55'49	14♎27	17♋18	10♍12	2♌30	19♏37	25♈21	10♏25	4♍54	16♋27	14°D 9	15♎ 1	1♈ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n36	6n33	3s22	18n29	4s23	14n54	0n 3	24n 8	1n 7	17s20	0n37	7n 9	2s26	14s54	0n17	11n25	1n23	29n25	6n41	6s45	6s36	0n39			n.a.
F 2	23 33	2 4	2 20	18 26	4 31	14 31	0s 3	24 4	1 8	17 19	0 37	7 10	2 26	14 53	0 17	11 25	1 23	29 25	6 41	6 44	6 35	0 41			n.a.
S 3	23 30	2s32	1 10	18 24	4 37	14 8	0 10	24 0	1 8	17 18	0 37	7 12	2 26	14 53	0 17	11 24	1 23	29 25	6 41	6 44	6 33	0 43			n.a.
S 4	23 27	6 58	0n 4	18 24	4 41	13 44	0 17	23 56	1 8	17 18	0 37	7 13	2 26	14 53	0 17	11 24	1 23	29 25	6 41	6 44	6 32	0 45			n.a.
M 5	23 23	11 0	1 17	18 25	4 44	13 21	0 24	23 51	1 8	17 17	0 36	7 14	2 27	14 52	0 17	11 23	1 23	29 24	6 41	6 44	6 31	0 46			n.a.
T 6	23 19	14 23	2 26	18 28	4 45	12 57	0 31	23 47	1 8	17 17	0 36	7 15	2 27	14 52	0 17	11 22	1 23	29 24	6 42	6 43	6 30	0 48			n.a.
W 7	23 15	16 55	3 24	18 33	4 44	12 34	0 39	23 42	1 8	17 16	0 36	7 16	2 27	14 52	0 17	11 22	1 23	29 24	6 42	6 41	6 28	0 50			n.a.
T 8	23 10	18 28	4 11	18 39	4 42	12 10	0 47	23 37	1 8	17 16	0 36	7 17	2 27	14 52	0 17	11 21	1 23	29 24	6 42	6 38	6 27	0 52			n.a.
F 9	23 5	18 56	4 43	18 46	4 37	11 46	0 54	23 32	1 8	17 15	0 35	7 18	2 28	14 51	0 17	11 21	1 23	29 24	6 42	6 34	6 26	0 54			n.a.
S 10	22 59	18 22	4 59	18 55	4 31	11 22	1 2	23 27	1 8	17 15	0 35	7 19	2 28	14 51	0 17	11 20	1 23	29 24	6 42	6 30	6 25	0 56			n.a.
S 11	22 53	16 50	4 58	19 5	4 24	10 59	1 10	23 21	1 8	17 15	0 35	7 20	2 28	14 51	0 17	11 20	1 23	29 23	6 42	6 25	6 23	0 58			n.a.
M12	22 46	14 30	4 43	19 16	4 14	10 35	1 19	23 16	1 9	17 15	0 35	7 21	2 28	14 51	0 17	11 19	1 23	29 23	6 42	6 20	6 22	1 0			n.a.
T 13	22 39	11 33	4 15	19 28	4 3	10 11	1 27	23 10	1 9	17 14	0 35	7 22	2 29	14 51	0 17	11 18	1 23	29 23	6 42	6 16	6 21	1 2			n.a.
W14	22 32	8 9	3 35	19 41	3 51	9 48	1 36	23 4	1 9	17 14	0 34	7 23	2 29	14 51	0 17	11 18	1 23	29 23	6 42	6 13	6 20	1 4			n.a.
T 15	22 24	4 28	2 46	19 55	3 38	9 24	1 45	22 58	1 9	17 14	0 34	7 24	2 29	14 51	0 17	11 17	1 23	29 23	6 42	6 10	6 18	1 5			n.a.
F 16	22 16	0 39	1 50	20 10	3 24	9 1	1 54	22 51	1 9	17 14	0 34	7 25	2 29	14 50	0 17	11 16	1 23	29 23	6 42	6 9	6 17	1 7			n.a.
S 17	22 7	3n10	0 50	20 25	3 9	8 38	2 3	22 45	1 9	17 14	0 34	7 26	2 30	14 50	0 17	11 16	1 23	29 22	6 42	6 8	6 16	1 9			n.a.
S 18	21 58	6 52	0s13	20 41	2 53	8 15	2 13	22 38	1 9	17 14	0 33	7 26	2 30	14 50	0 17	11 15	1 23	29 22	6 42	6 8	6 15	1 11			n.a.
M19	21 49	10 20	1 15	20 56	2 37	7 52	2 22	22 31	1 9	17 14	0 33	7 27	2 30	14 50	0 17	11 14	1 23	29 22	6 42	6 8	6 14	1 13			n.a.
T 20	21 39	13 24	2 15	21 12	2 21	7 29	2 32	22 24	1 9	17 15	0 33	7 28	2 30	14 50	0 16	11 14	1 23	29 22	6 43	6 8	6 12	1 15			n.a.
W21	21 29	15 57	3 10	21 27	2 4	7 6	2 42	22 17	1 9	17 15	0 33	7 28	2 31	14 50	0 16	11 13	1 23	29 22	6 43	6 7	6 11	1 17			n.a.
T 22	21 19	17 48	3 58	21 42	1 47	6 44	2 52	22 10	1 9	17 15	0 33	7 29	2 31	14 50	0 16	11 12	1 23	29 22	6 43	6 5	6 10	1 19			n.a.
F 23	21 8	18 46	4 34	21 57	1 30	6 22	3 2	22 2	1 9	17 16	0 32	7 29	2 31	14 50	0 16	11 12	1 23	29 22	6 43	6 2	6 9	1 21			n.a.
S 24	20 57	18 43	4 56	22 10	1 14	6 1	3 12	21 55	1 9	17 16	0 32	7 30	2 31	14 50	0 16	11 11	1 23	29 22	6 43	5 58	6 7	1 22			n.a.
S 25	20 45	17 33	5 1	22 23	0 58	5 39	3 23	21 47	1 9	17 16	0 32	7 30	2 32	14 50	0 16	11 10	1 23	29 21	6 43	5 53	6 6	1 24			n.a.
M26	20 33	15 17	4 48	22 34	0 42	5 18	3 34	21 39	1 9	17 17	0 32	7 31	2 32	14 50	0 16	11 10	1 23	29 21	6 43	5 49	6 5	1 26			n.a.
T 27	20 21	12 1	4 17	22 43	0 27	4 58	3 45	21 31	1 10	17 17	0 31	7 31	2 32	14 50	0 16	11 9	1 23	29 21	6 43	5 45	6 4	1 28			n.a.
W28	20 9	8 0	3 28	22 51	0 12	4 38	3 56	21 22	1 10	17 18	0 31	7 31	2 32	14 50	0 16	11 8	1 23	29 21	6 43	5 42	6 2	1 30			n.a.
T 29	19 56	3 30	2 26	22 57	0n 2	4 18	4 7	21 14	1 10	17 19	0 31	7 32	2 33	14 51	0 16	11 7	1 23	29 21	6 44	5 40	6 1	1 32			n.a.
F 30	19 42	1s10	1 14	23 0	0 15	3 59	4 18	21 5	1 10	17 19	0 31	7 32	2 33	14 51	0 16	11 7	1 23	29 21	6 44	5 39	6 0	1 34			n.a.
S 31	19n29	5s44	0n 2	23n 1	0n28	3n40	4s29	20n57	1n10	17s20	0n31	7n32	2s33	14s51	0n16	11n 6	1n23	29n21	6n44	5s38	5s59	1n36			n.a.

Julian Day Number = 1709185.5, Delta T = 03h01m37s
Ecliptic obliquity = 23°41'47, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°31'31, Lahiri = - 4°24'31 Julian Calendar 1 July 34 BCE == Greg. Calendar 29 June 034 BCE

The year -33 astronomical counting style corresponds to year 034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 34 BCE
geocentric

AUGUST 34 BCE (-33) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 26 20	4♌53'50	28♎36	18♋53	10♍32	3♌ 8	19♏39	25♈22	10♏26	4♍56	16♋29	14°R10	14♎58	1♈16	n.a.	S 1
M 2	20 30 17	5°51'53	12♏32	20°32	10°50	3°46	19°41	25°23	10°26	4°58	16°31	14♎10	14°55	1°22	n.a.	M 2
T 3	20 34 13	6°49'57	26°15	22°14	11° 6	4°24	19°44	25°24	10°27	5° 0	16°32	14° 8	14°52	1°29	n.a.	T 3
W 4	20 38 10	7°48'03	9♐45	23°59	11°20	5° 3	19°47	25°25	10°27	5° 2	16°34	14° 4	14°48	1°36	n.a.	W 4
T 5	20 42 7	8°46'10	23° 2	25°47	11°32	5°41	19°49	25°26	10°28	5° 4	16°36	13°58	14°45	1°42	n.a.	T 5
F 6	20 46 3	9°44'19	6♑ 8	27°37	11°41	6°19	19°52	25°26	10°29	5° 6	16°38	13°49	14°42	1°49	n.a.	F 6
S 7	20 50 0	10°42'30	19° 2	29°29	11°49	6°58	19°56	25°27	10°29	5° 8	16°39	13°39	14°39	1°56	n.a.	S 7
S 8	20 53 56	11°40'42	1♒43	1♌23	11°55	7°36	19°59	25°27	10°30	5°10	16°41	13°28	14°36	2° 2	n.a.	S 8
M 9	20 57 53	12°38'57	14°12	3°17	11°58	8°14	20° 3	25°28	10°31	5°12	16°43	13°17	14°32	2° 9	n.a.	M 9
T 10	21 1 49	13°37'13	26°29	5°12	11°R59	8°53	20° 6	25°28	10°32	5°14	16°44	13° 7	14°29	2°16	n.a.	T 10
W11	21 5 46	14°35'30	8♓35	7° 7	11°57	9°31	20°10	25°R28	10°33	5°16	16°46	13° 0	14°26	2°22	n.a.	W11
T 12	21 9 42	15°33'50	20°31	9° 3	11°53	10° 9	20°15	25°28	10°34	5°18	16°47	12°55	14°23	2°29	n.a.	T 12
F 13	21 13 39	16°32'12	2♈21	10°58	11°47	10°48	20°19	25°28	10°35	5°20	16°49	12°52	14°20	2°36	n.a.	F 13
S 14	21 17 36	17°30'36	14° 7	12°53	11°39	11°26	20°23	25°27	10°36	5°23	16°51	12°D52	14°17	2°42	n.a.	S 14
S 15	21 21 32	18°29'03	25°55	14°48	11°28	12° 5	20°28	25°27	10°37	5°25	16°52	12°52	14°13	2°49	n.a.	S 15
M16	21 25 29	19°27'31	7♉49	16°42	11°15	12°43	20°33	25°26	10°38	5°27	16°54	12°53	14°10	2°56	n.a.	M16
T 17	21 29 25	20°26'02	19°54	18°35	10°59	13°22	20°38	25°26	10°40	5°29	16°55	12°R54	14° 7	3° 2	n.a.	T 17
W18	21 33 22	21°24'35	2♊16	20°28	10°41	14° 0	20°43	25°25	10°41	5°31	16°57	12°53	14° 4	3° 9	n.a.	W18
T 19	21 37 18	22°23'11	14°59	22°20	10°21	14°38	20°48	25°24	10°42	5°33	16°58	12°51	14° 1	3°15	n.a.	T 19
F 20	21 41 15	23°21'49	28° 7	24°10	9°59	15°17	20°53	25°23	10°44	5°36	17° 0	12°46	13°58	3°22	n.a.	F 20
S 21	21 45 11	24°20'29	11♋43	26° 0	9°34	15°55	20°59	25°22	10°45	5°38	17° 2	12°40	13°54	3°29	n.a.	S 21
S 22	21 49 8	25°19'11	25°46	27°49	9° 8	16°34	21° 5	25°21	10°47	5°40	17° 3	12°33	13°51	3°35	n.a.	S 22
M23	21 53 5	26°17'56	10♌14	29°37	8°40	17°12	21°11	25°20	10°48	5°42	17° 4	12°25	13°48	3°42	n.a.	M23
T 24	21 57 1	27°16'42	25° 1	1♍24	8°10	17°51	21°17	25°19	10°50	5°44	17° 6	12°19	13°45	3°49	n.a.	T 24
W25	22 0 58	28°15'31	9♍58	3°10	7°38	18°30	21°23	25°17	10°52	5°47	17° 7	12°13	13°42	3°55	n.a.	W25
T 26	22 4 54	29°14'22	24°58	4°55	7° 6	19° 8	21°29	25°16	10°53	5°49	17° 9	12°10	13°38	4° 2	n.a.	T 26
F 27	22 8 51	0♍13'14	9♎51	6°39	6°31	19°47	21°36	25°14	10°55	5°51	17°10	12°D 9	13°35	4° 9	n.a.	F 27
S 28	22 12 47	1°12'09	24°32	8°22	5°56	20°25	21°43	25°12	10°57	5°53	17°12	12°10	13°32	4°15	n.a.	S 28
S 29	22 16 44	2°11'05	8♏54	10° 4	5°21	21° 4	21°49	25°10	10°59	5°56	17°13	12°11	13°29	4°22	n.a.	S 29
M30	22 20 40	3°10'04	22°57	11°45	4°44	21°43	21°56	25° 8	11° 0	5°58	17°14	12°12	13°26	4°29	n.a.	M30
T 31	22 24 37	4♍ 9'04	6♐39	13♍26	4♍ 7	22♌21	22♏ 3	25♈ 6	11♏ 2	6♍ 0	17♋16	12°R12	13♎23	4♈35	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	19n15	9s54	1n16	23n 0	0n39	3n22	4s41	20n48	1n10	17s21	0n30	7n32	2s33	14s51	0n16	11n 5	1n23	29n21	6n44	5s39	5s57	1n38			n.a.
M 2	19 0	13 28	2 25	22 56	0 50	3 5	4 52	20 39	1 10	17 22	0 30	7 33	2 34	14 51	0 16	11 4	1 23	29 21	6 44	5 38	5 56	1 39			n.a.
T 3	18 46	16 12	3 24	22 50	1 0	2 48	5 4	20 30	1 10	17 23	0 30	7 33	2 34	14 51	0 16	11 4	1 23	29 20	6 44	5 38	5 55	1 41			n.a.
W 4	18 31	18 0	4 11	22 40	1 9	2 32	5 15	20 20	1 10	17 24	0 30	7 33	2 34	14 52	0 16	11 3	1 23	29 20	6 44	5 36	5 54	1 43			n.a.
T 5	18 16	18 47	4 44	22 28	1 17	2 17	5 27	20 11	1 10	17 25	0 29	7 33	2 34	14 52	0 16	11 2	1 23	29 20	6 44	5 34	5 52	1 45			n.a.
F 6	18 0	18 33	5 1	22 14	1 24	2 2	5 39	20 1	1 10	17 26	0 29	7 33	2 35	14 52	0 16	11 1	1 23	29 20	6 45	5 30	5 51	1 47			n.a.
S 7	17 44	17 20	5 2	21 56	1 30	1 49	5 50	19 51	1 10	17 27	0 29	7 33	2 35	14 52	0 16	11 1	1 23	29 20	6 45	5 26	5 50	1 49			n.a.
S 8	17 28	15 18	4 49	21 37	1 35	1 36	6 2	19 41	1 10	17 28	0 29	7 33	2 35	14 53	0 16	11 0	1 23	29 20	6 45	5 22	5 49	1 51			n.a.
M 9	17 12	12 35	4 21	21 14	1 39	1 24	6 14	19 31	1 10	17 29	0 29	7 32	2 35	14 53	0 16	10 59	1 23	29 20	6 45	5 18	5 47	1 53			n.a.
T 10	16 55	9 21	3 42	20 50	1 43	1 13	6 25	19 21	1 10	17 30	0 28	7 32	2 36	14 53	0 16	10 58	1 23	29 20	6 45	5 14	5 46	1 55			n.a.
W11	16 38	5 46	2 53	20 23	1 45	1 3	6 37	19 11	1 10	17 32	0 28	7 32	2 36	14 54	0 16	10 57	1 23	29 20	6 45	5 11	5 45	1 56			n.a.
T 12	16 21	2 0	1 57	19 54	1 47	0 54	6 48	19 0	1 10	17 33	0 28	7 32	2 36	14 54	0 16	10 57	1 23	29 20	6 46	5 9	5 44	1 58			n.a.
F 13	16 3	1n48	0 56	19 24	1 48	0 46	6 59	18 50	1 10	17 34	0 28	7 31	2 36	14 54	0 16	10 56	1 23	29 20	6 46	5 8	5 43	2 0			n.a.
S 14	15 45	5 31	0s 7	18 51	1 48	0 39	7 9	18 39	1 10	17 36	0 28	7 31	2 37	14 55	0 16	10 55	1 23	29 20	6 46	5 8	5 41	2 2			n.a.
S 15	15 27	9 2	1 10	18 17	1 48	0 34	7 20	18 28	1 10	17 37	0 27	7 31	2 37	14 55	0 16	10 54	1 23	29 20	6 46	5 8	5 40	2 4			n.a.
M16	15 9	12 13	2 10	17 42	1 47	0 30	7 30	18 17	1 10	17 38	0 27	7 30	2 37	14 55	0 16	10 53	1 23	29 20	6 46	5 9	5 39	2 6			n.a.
T 17	14 50	14 55	3 6	17 5	1 46	0 26	7 40	18 6	1 10	17 40	0 27	7 30	2 37	14 56	0 16	10 53	1 23	29 20	6 46	5 9	5 38	2 8			n.a.
W18	14 31	17 0	3 55	16 28	1 44	0 25	7 49	17 55	1 10	17 42	0 27	7 29	2 38	14 56	0 16	10 52	1 23	29 20	6 47	5 9	5 36	2 10			n.a.
T 19	14 12	18 19	4 33	15 49	1 41	0 24	7 58	17 44	1 10	17 43	0 27	7 29	2 38	14 57	0 16	10 51	1 23	29 20	6 47	5 8	5 35	2 11			n.a.
F 20	13 53	18 43	4 58	15 9	1 38	0 25	8 6	17 32	1 10	17 45	0 26	7 28	2 38	14 57	0 16	10 50	1 23	29 20	6 47	5 6	5 34	2 13			n.a.
S 21	13 33	18 3	5 8	14 28	1 35	0 27	8 14	17 21	1 10	17 46	0 26	7 28	2 38	14 58	0 16	10 49	1 23	29 19	6 47	5 3	5 33	2 15			n.a.
S 22	13 13	16 18	5 0	13 47	1 31	0 30	8 21	17 9	1 10	17 48	0 26	7 27	2 39	14 58	0 16	10 48	1 23	29 19	6 47	5 1	5 31	2 17			n.a.
M23	12 53	13 29	4 33	13 5	1 27	0 35	8 27	16 57	1 10	17 50	0 26	7 26	2 39	14 59	0 16	10 48	1 23	29 19	6 47	4 58	5 30	2 19			n.a.
T 24	12 33	9 45	3 47	12 22	1 22	0 41	8 33	16 45	1 10	17 52	0 26	7 26	2 39	14 59	0 16	10 47	1 23	29 19	6 48	4 55	5 29	2 21			n.a.
W25	12 12	5 22	2 46	11 39	1 18	0 48	8 37	16 33	1 10	17 54	0 25	7 25	2 39	15 0	0 16	10 46	1 23	29 19	6 48	4 53	5 28	2 23			n.a.
T 26	11 52	0 37	1 32	10 56	1 12	0 56	8 41	16 21	1 10	17 55	0 25	7 24	2 40	15 0	0 16	10 45	1 23	29 19	6 48	4 52	5 26	2 25			n.a.
F 27	11 31	4s 8	0 12	10 12	1 7	1 6	8 44	16 8	1 10	17 57	0 25	7 23	2 40	15 1	0 16	10 44	1 23	29 19	6 48	4 51	5 25	2 26			n.a.
S 28	11 10	8 34	1n 7	9 28	1 1	1 17	8 46	15 56	1 9	17 59	0 25	7 22	2 40	15 1	0 16	10 44	1 23	29 19	6 48	4 51	5 24	2 28			n.a.
S 29	10 49	12 24	2 20	8 44	0 56	1 28	8 48	15 43	1 9	18 1	0 25	7 22	2 40	15 2	0 16	10 43	1 23	29 19	6 49	4 52	5 23	2 30			n.a.
M30	10 27	15 25	3 24	8 0	0 50	1 41	8 48	15 31	1 9	18 3	0 24	7 21	2 40	15 3	0 16	10 42	1 23	29 20	6 49	4 52	5 21	2 32			n.a.
T 31	10n 6	17s29	4n14	7n15	0n44	1n55	8s47	15n18	1n 9	18s 5	0n24	7n20	2s41	15s 3	0n16	10n41	1n23	29n20	6n49	4s52	5s20	2n34			n.a.

Julian Day Number = 1709216.5, Delta T = 03h01m36s
Ecliptic obliquity = 23°41'47, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°31'27, Lahiri = - 4°24'26 Julian Calendar 1 Aug. 34 BCE == Greg. Calendar 30 July 034 BCE

The year -33 astronomical counting style corresponds to year 034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 34 BCE
geocentric

SEPTEMBER 34 BCE (-33) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 28 33	5♍ 8'06	20♐ 2	15♍ 5	3°R31	23♌ 0	22♏11	25°R 4	11♏ 4	6♍ 2	17♋17	12°R11	13♎19	4♈42	n.a.	W 1
T 2	22 32 30	6° 7'09	3♑ 8	16°43	2♍54	23°38	22°18	25♈ 2	11° 6	6° 5	17°18	12♎ 9	13°16	4°49	n.a.	T 2
F 3	22 36 27	7° 6'15	15°58	18°21	2°18	24°17	22°26	24°59	11° 8	6° 7	17°20	12° 4	13°13	4°55	n.a.	F 3
S 4	22 40 23	8° 5'23	28°34	19°58	1°42	24°56	22°33	24°57	11°11	6° 9	17°21	11°59	13°10	5° 2	n.a.	S 4
S 5	22 44 20	9° 4'32	10♒57	21°34	1° 8	25°34	22°41	24°54	11°13	6°11	17°22	11°53	13° 7	5° 8	n.a.	S 5
M 6	22 48 16	10° 3'44	23°11	23° 9	0°34	26°13	22°49	24°52	11°15	6°13	17°23	11°47	13° 4	5°15	n.a.	M 6
T 7	22 52 13	11° 2'57	5♓15	24°43	0° 2	26°52	22°57	24°49	11°17	6°16	17°24	11°42	13° 0	5°22	n.a.	T 7
W 8	22 56 9	12° 2'13	17°12	26°16	29♌32	27°31	23° 6	24°46	11°19	6°18	17°26	11°39	12°57	5°28	n.a.	W 8
T 9	23 0 6	13° 1'31	29° 3	27°49	29° 3	28° 9	23°14	24°43	11°22	6°20	17°27	11°36	12°54	5°35	n.a.	T 9
F 10	23 4 2	14° 0'51	10♈51	29°21	28°36	28°48	23°22	24°40	11°24	6°22	17°28	11°D36	12°51	5°42	n.a.	F 10
S 11	23 7 59	15° 0'13	22°38	0♎52	28°11	29°27	23°31	24°37	11°26	6°25	17°29	11°36	12°48	5°48	n.a.	S 11
S 12	23 11 55	15°59'38	4♉26	2°22	27°48	0♍ 6	23°40	24°34	11°29	6°27	17°30	11°38	12°44	5°55	n.a.	S 12
M13	23 15 52	16°59'05	16°21	3°52	27°27	0°45	23°49	24°30	11°31	6°29	17°31	11°39	12°41	6° 2	n.a.	M13
T 14	23 19 49	17°58'34	28°27	5°21	27° 8	1°23	23°58	24°27	11°34	6°31	17°32	11°41	12°38	6° 8	n.a.	T 14
W15	23 23 45	18°58'06	10♊46	6°49	26°52	2° 2	24° 7	24°24	11°36	6°33	17°33	11°42	12°35	6°15	n.a.	W15
T 16	23 27 42	19°57'40	23°26	8°16	26°39	2°41	24°16	24°20	11°39	6°36	17°34	11°R42	12°32	6°22	n.a.	T 16
F 17	23 31 38	20°57'17	6♋28	9°43	26°28	3°20	24°25	24°16	11°42	6°38	17°35	11°41	12°29	6°28	n.a.	F 17
S 18	23 35 35	21°56'56	19°57	11° 8	26°19	3°59	24°35	24°13	11°44	6°40	17°36	11°40	12°25	6°35	n.a.	S 18
S 19	23 39 31	22°56'37	3♌54	12°33	26°12	4°38	24°44	24° 9	11°47	6°42	17°37	11°38	12°22	6°42	n.a.	S 19
M20	23 43 28	23°56'21	18°19	13°57	26° 9	5°17	24°54	24° 5	11°50	6°44	17°38	11°35	12°19	6°48	n.a.	M20
T 21	23 47 24	24°56'07	3♍ 6	15°20	26°D 7	5°56	25° 4	24° 1	11°53	6°46	17°39	11°33	12°16	6°55	n.a.	T 21
W22	23 51 21	25°55'55	18°10	16°42	26° 8	6°35	25°14	23°57	11°55	6°49	17°40	11°31	12°13	7° 1	n.a.	W22
T 23	23 55 18	26°55'45	3♎22	18° 4	26°12	7°14	25°24	23°53	11°58	6°51	17°40	11°30	12° 9	7° 8	n.a.	T 23
F 24	23 59 14	27°55'38	18°32	19°24	26°17	7°53	25°34	23°49	12° 1	6°53	17°41	11°D30	12° 6	7°15	n.a.	F 24
S 25	0 3 11	28°55'32	3♏31	20°43	26°25	8°32	25°44	23°45	12° 4	6°55	17°42	11°31	12° 3	7°21	n.a.	S 25
S 26	0 7 7	29°55'28	18°12	22° 0	26°35	9°11	25°55	23°41	12° 7	6°57	17°43	11°32	12° 0	7°28	n.a.	S 26
M27	0 11 4	0♎55'26	2♐29	23°17	26°48	9°50	26° 5	23°36	12°10	6°59	17°44	11°33	11°57	7°35	n.a.	M27
T 28	0 15 0	1°55'26	16°21	24°32	27° 2	10°29	26°16	23°32	12°13	7° 1	17°44	11°34	11°54	7°41	n.a.	T 28
W29	0 18 57	2°55'27	29°48	25°45	27°19	11° 8	26°26	23°27	12°16	7° 3	17°45	11°R34	11°50	7°48	n.a.	W29
T 30	0 22 53	3♎55'31	12♑52	26♎57	27♌37	11♍47	26♏37	23♈23	12♏19	7♍ 5	17♋46	11♎34	11♎47	7♈55	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	9n44	18s31	4n49	6n31	0n37	2n10	8s46	15n 5	1n 9	18s 7	0n24	7n19	2s41	15s 4	0n16	10n40	1n23	29n20	6n49	4s52	5s19	2n36		n.a.	W 1
T 2	9 22	18 32	5 8	5 46	0 31	2 25	8 43	14 52	1 9	18 9	0 24	7 18	2 41	15 5	0 15	10 39	1 23	29 20	6 49	4 51	5 18	2 38		n.a.	T 2
F 3	9 0	17 35	5 11	5 1	0 24	2 41	8 39	14 39	1 9	18 12	0 24	7 17	2 41	15 5	0 15	10 39	1 23	29 20	6 50	4 49	5 16	2 39		n.a.	F 3
S 4	8 38	15 47	4 59	4 17	0 17	2 58	8 35	14 26	1 9	18 14	0 24	7 15	2 41	15 6	0 15	10 38	1 23	29 20	6 50	4 47	5 15	2 41		n.a.	S 4
S 5	8 15	13 18	4 33	3 33	0 11	3 15	8 30	14 13	1 9	18 16	0 23	7 14	2 42	15 7	0 15	10 37	1 23	29 20	6 50	4 45	5 14	2 43		n.a.	S 5
M 6	7 53	10 15	3 55	2 48	0 4	3 32	8 24	13 59	1 9	18 18	0 23	7 13	2 42	15 7	0 15	10 36	1 23	29 20	6 50	4 43	5 13	2 45		n.a.	M 6
T 7	7 30	6 48	3 6	2 4	0s 3	3 50	8 17	13 46	1 9	18 20	0 23	7 12	2 42	15 8	0 15	10 35	1 23	29 20	6 51	4 41	5 11	2 47		n.a.	T 7
W 8	7 7	3 7	2 10	1 20	0 10	4 8	8 9	13 33	1 9	18 23	0 23	7 11	2 42	15 9	0 15	10 34	1 23	29 20	6 51	4 39	5 10	2 49		n.a.	W 8
T 9	6 44	0n40	1 8	0 37	0 17	4 26	8 0	13 19	1 9	18 25	0 23	7 10	2 42	15 9	0 15	10 34	1 23	29 20	6 51	4 38	5 9	2 51		n.a.	T 9
F 10	6 21	4 24	0 4	0s 7	0 24	4 43	7 51	13 5	1 9	18 27	0 23	7 8	2 43	15 10	0 15	10 33	1 23	29 20	6 51	4 38	5 8	2 52		n.a.	F 10
S 11	5 58	7 58	1s 0	0 50	0 32	5 1	7 41	12 51	1 9	18 30	0 22	7 7	2 43	15 11	0 15	10 32	1 23	29 20	6 51	4 38	5 6	2 54		n.a.	S 11
S 12	5 35	11 13	2 3	1 33	0 39	5 19	7 31	12 37	1 8	18 32	0 22	7 6	2 43	15 12	0 15	10 31	1 23	29 20	6 52	4 39	5 5	2 56		n.a.	S 12
M13	5 12	14 2	3 0	2 15	0 46	5 36	7 20	12 23	1 8	18 34	0 22	7 4	2 43	15 13	0 15	10 30	1 23	29 20	6 52	4 39	5 4	2 58		n.a.	M13
T 14	4 48	16 17	3 51	2 57	0 53	5 52	7 9	12 9	1 8	18 37	0 22	7 3	2 43	15 13	0 15	10 30	1 23	29 20	6 52	4 40	5 3	3 0		n.a.	T 14
W15	4 25	17 49	4 31	3 39	1 0	6 9	6 58	11 55	1 8	18 39	0 22	7 1	2 43	15 14	0 15	10 29	1 23	29 20	6 52	4 41	5 1	3 2		n.a.	W15
T 16	4 1	18 32	5 0	4 20	1 7	6 25	6 46	11 41	1 8	18 42	0 22	7 0	2 44	15 15	0 15	10 28	1 23	29 21	6 53	4 41	5 0	3 4		n.a.	T 16
F 17	3 37	18 18	5 15	5 1	1 14	6 40	6 34	11 27	1 8	18 44	0 21	6 58	2 44	15 16	0 15	10 27	1 23	29 21	6 53	4 40	4 59	3 5		n.a.	F 17
S 18	3 14	17 2	5 13	5 41	1 21	6 54	6 21	11 12	1 8	18 47	0 21	6 57	2 44	15 17	0 15	10 26	1 23	29 21	6 53	4 40	4 58	3 7		n.a.	S 18
S 19	2 50	14 44	4 53	6 21	1 27	7 8	6 9	10 58	1 8	18 49	0 21	6 55	2 44	15 18	0 15	10 26	1 23	29 21	6 53	4 39	4 56	3 9		n.a.	S 19
M20	2 26	11 29	4 14	7 0	1 34	7 22	5 56	10 43	1 8	18 52	0 21	6 54	2 44	15 18	0 15	10 25	1 23	29 21	6 54	4 38	4 55	3 11		n.a.	M20
T 21	2 2	7 25	3 17	7 39	1 41	7 34	5 43	10 29	1 8	18 54	0 21	6 52	2 44	15 19	0 15	10 24	1 23	29 21	6 54	4 37	4 54	3 13		n.a.	T 21
W22	1 38	2 48	2 6	8 17	1 47	7 46	5 30	10 14	1 7	18 57	0 21	6 51	2 44	15 20	0 15	10 23	1 23	29 21	6 54	4 36	4 53	3 15		n.a.	W22
T 23	1 14	2s 2	0 45	8 54	1 53	7 57	5 17	9 59	1 7	18 59	0 20	6 49	2 45	15 21	0 15	10 22	1 23	29 21	6 54	4 36	4 51	3 17		n.a.	T 23
F 24	0 50	6 45	0n39	9 31	1 59	8 7	5 4	9 44	1 7	19 2	0 20	6 47	2 45	15 22	0 15	10 22	1 23	29 22	6 55	4 36	4 50	3 18		n.a.	F 24
S 25	0 26	10 57	1 59	10 6	2 5	8 17	4 51	9 30	1 7	19 4	0 20	6 46	2 45	15 23	0 15	10 21	1 23	29 22	6 55	4 36	4 49	3 20		n.a.	S 25
S 26	0 2	14 23	3 10	10 41	2 11	8 25	4 39	9 15	1 7	19 7	0 20	6 44	2 45	15 24	0 15	10 20	1 23	29 22	6 55	4 37	4 48	3 22		n.a.	S 26
M27	0s22	16 51	4 7	11 15	2 17	8 33	4 26	9 0	1 7	19 10	0 20	6 42	2 45	15 25	0 15	10 19	1 23	29 22	6 55	4 37	4 46	3 24		n.a.	M27
T 28	0 46	18 13	4 48	11 48	2 22	8 40	4 13	8 44	1 7	19 12	0 20	6 41	2 45	15 26	0 15	10 19	1 23	29 22	6 56	4 37	4 45	3 26		n.a.	T 28
W29	1 10	18 31	5 11	12 20	2 27	8 46	4 1	8 29	1 6	19 15	0 19	6 39	2 45	15 27	0 15	10 18	1 23	29 22	6 56	4 37	4 44	3 28		n.a.	W29
T 30	1s35	17s48	5n18	12s51	2s31	8n51	3s48	8n14	1n 6	19s18	0n19	6n37	2s45	15s28	0n15	10n17	1n23	29n22	6n56	4s37	4s43	3n29		n.a.	T 30

Julian Day Number = 1709247.5, Delta T = 03h01m35s
Ecliptic obliquity = 23°41'48, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°31'23, Lahiri = - 4°24'22 Julian Calendar 1 Sept. 34 BCE == Greg. Calendar 30 Aug. 034 BCE

The year -33 astronomical counting style corresponds to year 034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 34 BCE
geocentric

OCTOBER 34 BCE (-33) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 26 50	4♎55'35	25♉35	28♎ 7	27♌57	12♍27	26♏48	23°R18	12♏22	7♍ 7	17♋46	11°R33	11♎44	8♈ 1	n.a.	F 1
S 2	0 30 47	5°55'42	8♒ 1	29°15	28°20	13° 6	26°59	23♈14	12°25	7° 9	17°47	11♎33	11°41	8° 8	n.a.	S 2
S 3	0 34 43	6°55'50	20°13	0♏21	28°44	13°45	27°10	23° 9	12°28	7°11	17°47	11°32	11°38	8°15	n.a.	S 3
M 4	0 38 40	7°56'00	2♓15	1°24	29°10	14°24	27°21	23° 5	12°32	7°13	17°48	11°32	11°35	8°21	n.a.	M 4
T 5	0 42 36	8°56'12	14°10	2°24	29°37	15° 3	27°32	23° 0	12°35	7°15	17°48	11°31	11°31	8°28	n.a.	T 5
W 6	0 46 33	9°56'25	26° 0	3°21	0♍ 6	15°42	27°43	22°55	12°38	7°17	17°49	11°31	11°28	8°34	n.a.	W 6
T 7	0 50 29	10°56'40	7♈48	4°15	0°37	16°22	27°55	22°51	12°41	7°19	17°49	11°31	11°25	8°41	n.a.	T 7
F 8	0 54 26	11°56'57	19°36	5° 5	1° 9	17° 1	28° 6	22°46	12°45	7°21	17°50	11°31	11°22	8°48	n.a.	F 8
S 9	0 58 22	12°57'16	1♉26	5°50	1°43	17°40	28°18	22°41	12°48	7°23	17°50	11°31	11°19	8°54	n.a.	S 9
S 10	1 2 19	13°57'37	13°21	6°31	2°18	18°20	28°29	22°36	12°51	7°25	17°50	11°31	11°15	9° 1	n.a.	S 10
M11	1 6 15	14°58'00	25°22	7° 6	2°55	18°59	28°41	22°31	12°54	7°27	17°51	11°30	11°12	9° 8	n.a.	M11
T 12	1 10 12	15°58'25	7♊33	7°35	3°33	19°38	28°53	22°26	12°58	7°29	17°51	11°30	11° 9	9°14	n.a.	T 12
W13	1 14 9	16°58'52	19°56	7°57	4°12	20°18	29° 5	22°21	13° 1	7°31	17°51	11°29	11° 6	9°21	n.a.	W13
T 14	1 18 5	17°59'20	2♋35	8°12	4°52	20°57	29°17	22°17	13° 5	7°32	17°52	11°29	11° 3	9°28	n.a.	T 14
F 15	1 22 2	18°59'51	15°34	8°R18	5°34	21°36	29°29	22°12	13° 8	7°34	17°52	11°D28	11° 0	9°34	n.a.	F 15
S 16	1 25 58	20° 0'24	28°54	8°16	6°17	22°16	29°41	22° 7	13°12	7°36	17°52	11°28	10°56	9°41	n.a.	S 16
S 17	1 29 55	21° 0'59	12♌38	8° 5	7° 1	22°55	29°53	22° 2	13°15	7°38	17°52	11°29	10°53	9°48	n.a.	S 17
M18	1 33 51	22° 1'35	26°48	7°43	7°45	23°35	0♐ 5	21°57	13°19	7°39	17°52	11°30	10°50	9°54	n.a.	M18
T 19	1 37 48	23° 2'14	11♍21	7°11	8°31	24°14	0°18	21°52	13°22	7°41	17°52	11°31	10°47	10° 1	n.a.	T 19
W20	1 41 44	24° 2'54	26°14	6°29	9°18	24°54	0°30	21°47	13°26	7°43	17°53	11°31	10°44	10° 7	n.a.	W20
T 21	1 45 41	25° 3'36	11♎20	5°37	10° 6	25°33	0°43	21°42	13°29	7°45	17°53	11°R32	10°40	10°14	n.a.	T 21
F 22	1 49 38	26° 4'19	26°31	4°35	10°55	26°13	0°55	21°37	13°33	7°46	17°R53	11°31	10°37	10°21	n.a.	F 22
S 23	1 53 34	27° 5'04	11♏37	3°25	11°44	26°52	1° 8	21°32	13°36	7°48	17°53	11°30	10°34	10°27	n.a.	S 23
S 24	1 57 31	28° 5'51	26°30	2° 9	12°34	27°32	1°20	21°27	13°40	7°49	17°53	11°28	10°31	10°34	n.a.	S 24
M25	2 1 27	29° 6'39	11♐ 1	0°49	13°26	28°12	1°33	21°22	13°43	7°51	17°53	11°26	10°28	10°41	n.a.	M25
T 26	2 5 24	0♏ 7'28	25° 5	29♎27	14°17	28°51	1°46	21°18	13°47	7°52	17°52	11°24	10°25	10°47	n.a.	T 26
W27	2 9 20	1° 8'18	8♉42	28° 6	15°10	29°31	1°59	21°13	13°51	7°54	17°52	11°21	10°21	10°54	n.a.	W27
T 28	2 13 17	2° 9'09	21°51	26°50	16° 3	0♎11	2°11	21° 8	13°54	7°55	17°52	11°20	10°18	11° 1	n.a.	T 28
F 29	2 17 13	3°10'01	4♒36	25°39	16°57	0°50	2°24	21° 3	13°58	7°57	17°52	11°D20	10°15	11° 7	n.a.	F 29
S 30	2 21 10	4°10'55	17° 0	24°37	17°52	1°30	2°37	20°58	14° 2	7°58	17°52	11°20	10°12	11°14	n.a.	S 30
S 31	2 25 7	5♏11'49	29♒ 8	23♎45	18♍48	2♎10	2♐50	20♈54	14♏ 5	8♍ 0	17♋52	11♎22	10♎ 9	11♈21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1s59	16s12	5n 8	13s20	2s36	8n56	3s36	7n59	1n 6	19s20	0n19	6n36	2s45	15s29	0n15	10n16	1n23	29n23	6n56	4s37	4s41	3n31		n.a.
S 2	2 23	13 53	4 45	13 48	2 39	9 0	3 24	7 44	1 6	19 23	0 19	6 34	2 45	15 30	0 15	10 16	1 23	29 23	6 57	4 37	4 40	3 33		n.a.
S 3	2 47	10 58	4 8	14 15	2 43	9 2	3 12	7 28	1 6	19 26	0 19	6 32	2 46	15 31	0 15	10 15	1 23	29 23	6 57	4 37	4 39	3 35		n.a.
M 4	3 11	7 39	3 22	14 40	2 46	9 4	3 0	7 13	1 6	19 28	0 19	6 30	2 46	15 32	0 15	10 14	1 23	29 23	6 57	4 36	4 38	3 37		n.a.
T 5	3 35	4 3	2 26	15 4	2 48	9 6	2 49	6 57	1 6	19 31	0 19	6 28	2 46	15 33	0 15	10 13	1 23	29 23	6 57	4 36	4 36	3 39		n.a.
W 6	3 59	0 18	1 25	15 26	2 50	9 6	2 38	6 42	1 5	19 34	0 18	6 27	2 46	15 34	0 15	10 13	1 23	29 24	6 58	4 36	4 35	3 40		n.a.
T 7	4 23	3n27	0 21	15 46	2 52	9 5	2 26	6 26	1 5	19 37	0 18	6 25	2 46	15 35	0 15	10 12	1 23	29 24	6 58	4 36	4 34	3 42		n.a.
F 8	4 46	7 3	0s45	16 3	2 52	9 4	2 16	6 11	1 5	19 39	0 18	6 23	2 46	15 36	0 15	10 11	1 23	29 24	6 58	4 36	4 33	3 44		n.a.
S 9	5 10	10 24	1 49	16 18	2 52	9 2	2 5	5 55	1 5	19 42	0 18	6 21	2 46	15 37	0 15	10 11	1 23	29 24	6 59	4 36	4 31	3 46		n.a.
S 10	5 34	13 20	2 48	16 31	2 51	8 59	1 54	5 39	1 5	19 45	0 18	6 19	2 46	15 38	0 15	10 10	1 23	29 24	6 59	4 36	4 30	3 48		n.a.
M11	5 57	15 44	3 41	16 41	2 49	8 56	1 44	5 24	1 4	19 48	0 18	6 18	2 46	15 39	0 15	10 9	1 23	29 25	6 59	4 36	4 29	3 50		n.a.
T 12	6 21	17 28	4 24	16 48	2 46	8 51	1 34	5 8	1 4	19 50	0 18	6 16	2 46	15 40	0 15	10 9	1 23	29 25	6 59	4 36	4 27	3 51		n.a.
W13	6 44	18 24	4 56	16 51	2 42	8 46	1 24	4 52	1 4	19 53	0 17	6 14	2 46	15 41	0 15	10 8	1 24	29 25	7 0	4 35	4 26	3 53		n.a.
T 14	7 8	18 26	5 14	16 51	2 36	8 40	1 14	4 36	1 4	19 56	0 17	6 12	2 46	15 42	0 15	10 7	1 24	29 25	7 0	4 35	4 25	3 55		n.a.
F 15	7 31	17 32	5 17	16 47	2 29	8 34	1 5	4 20	1 4	19 59	0 17	6 10	2 46	15 43	0 15	10 7	1 24	29 26	7 0	4 35	4 24	3 57		n.a.
S 16	7 54	15 39	5 3	16 38	2 21	8 27	0 56	4 4	1 4	20 1	0 17	6 8	2 46	15 44	0 15	10 6	1 24	29 26	7 0	4 35	4 22	3 59		n.a.
S 17	8 17	12 51	4 32	16 25	2 11	8 19	0 47	3 48	1 3	20 4	0 17	6 7	2 46	15 45	0 15	10 5	1 24	29 26	7 1	4 35	4 21	4 1		n.a.
M18	8 40	9 12	3 44	16 7	1 59	8 10	0 38	3 32	1 3	20 7	0 17	6 5	2 46	15 46	0 15	10 5	1 24	29 26	7 1	4 36	4 20	4 2		n.a.
T 19	9 3	4 55	2 40	15 44	1 46	8 1	0 29	3 16	1 3	20 10	0 17	6 3	2 46	15 47	0 15	10 4	1 24	29 27	7 1	4 36	4 19	4 4		n.a.
W20	9 26	0 14	1 24	15 15	1 31	7 51	0 21	3 0	1 3	20 12	0 17	6 1	2 46	15 48	0 15	10 4	1 24	29 27	7 2	4 36	4 17	4 6		n.a.
T 21	9 48	4s33	0 1	14 42	1 14	7 40	0 13	2 44	1 2	20 15	0 16	5 59	2 46	15 49	0 15	10 3	1 24	29 27	7 2	4 36	4 16	4 8		n.a.
F 22	10 10	9 4	1n22	14 4	0 56	7 29	0 5	2 28	1 2	20 18	0 16	5 58	2 46	15 50	0 15	10 2	1 24	29 27	7 2	4 36	4 15	4 10		n.a.
S 23	10 33	12 58	2 39	13 22	0 37	7 17	0n 3	2 12	1 2	20 21	0 16	5 56	2 45	15 52	0 15	10 2	1 24	29 28	7 2	4 36	4 14	4 12		n.a.
S 24	10 55	15 57	3 44	12 37	0 17	7 4	0 10	1 56	1 2	20 23	0 16	5 54	2 45	15 53	0 15	10 1	1 24	29 28	7 3	4 35	4 12	4 13		n.a.
M25	11 16	17 50	4 33	11 49	0n 4	6 51	0 18	1 40	1 2	20 26	0 16	5 52	2 45	15 54	0 15	10 1	1 24	29 28	7 3	4 34	4 11	4 15		n.a.
T 26	11 38	18 33	5 4	11 1	0 24	6 38	0 25	1 24	1 1	20 29	0 16	5 51	2 45	15 55	0 15	10 0	1 24	29 28	7 3	4 33	4 10	4 17		n.a.
W27	12 0	18 9	5 16	10 13	0 45	6 24	0 32	1 8	1 1	20 31	0 16	5 49	2 45	15 56	0 15	10 0	1 24	29 29	7 3	4 32	4 9	4 19		n.a.
T 28	12 21	16 47	5 11	9 28	1 4	6 9	0 39	0 51	1 1	20 34	0 16	5 47	2 45	15 57	0 15	9 59	1 24	29 29	7 4	4 32	4 7	4 21		n.a.
F 29	12 42	14 37	4 51	8 45	1 21	5 54	0 45	0 35	1 1	20 37	0 15	5 45	2 45	15 58	0 15	9 59	1 24	29 29	7 4	4 32	4 6	4 22		n.a.
S 30	13 3	11 49	4 17	8 8	1 38	5 38	0 51	0 19	1 0	20 40	0 15	5 44	2 45	15 59	0 15	9 58	1 24	29 30	7 4	4 32	4 5	4 24		n.a.
S 31	13s24	8s35	3n33	7s35	1n52	5n22	0n57	0n 3	1n 0	20s42	0n15	5n42	2s45	16s 0	0n15	9n58	1n24	29n30	7n 4	4s32	4s 4	4n26		n.a.

Julian Day Number = 1709277.5, Delta T = 03h01m34s
Ecliptic obliquity = 23°41'48, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°31'19, Lahiri = - 4°24'18 Julian Calendar 1 Oct. 34 BCE == Greg. Calendar 29 Sept. 034 BCE

The year -33 astronomical counting style corresponds to year 034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 34 BCE
geocentric

NOVEMBER 34 BCE (-33) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 29 3	6♏12'44	11♓ 5	23°R 3	19♍43	2♎49	3♐ 3	20°R49	14♏ 9	8♍ 1	17°R51	11♎24	10♎ 6	11♈27	n.a.	M 1
T 2	2 33 0	7°13'40	22°54	22♎34	20°40	3°29	3°17	20♈44	14°12	8° 3	17♋51	11°25	10° 2	11°34	n.a.	T 2
W 3	2 36 56	8°14'37	4♈41	22°15	21°37	4° 9	3°30	20°40	14°16	8° 4	17°51	11°26	9°59	11°41	n.a.	W 3
T 4	2 40 53	9°15'35	16°29	22°D 9	22°35	4°49	3°43	20°35	14°20	8° 5	17°50	11°R27	9°56	11°47	n.a.	T 4
F 5	2 44 49	10°16'34	28°20	22°12	23°33	5°28	3°56	20°31	14°24	8° 6	17°50	11°25	9°53	11°54	n.a.	F 5
S 6	2 48 46	11°17'34	10♉17	22°26	24°32	6° 8	4° 9	20°26	14°27	8° 8	17°50	11°22	9°50	12° 0	n.a.	S 6
S 7	2 52 42	12°18'35	22°22	22°49	25°31	6°48	4°23	20°22	14°31	8° 9	17°49	11°18	9°46	12° 7	n.a.	S 7
M 8	2 56 39	13°19'37	4♊36	23°20	26°31	7°28	4°36	20°18	14°35	8°10	17°49	11°12	9°43	12°14	n.a.	M 8
T 9	3 0 36	14°20'40	17° 0	23°59	27°31	8° 8	4°50	20°13	14°38	8°11	17°48	11° 6	9°40	12°20	n.a.	T 9
W10	3 4 32	15°21'45	29°36	24°44	28°32	8°48	5° 3	20° 9	14°42	8°12	17°48	11° 0	9°37	12°27	n.a.	W10
T 11	3 8 29	16°22'50	12♋24	25°35	29°33	9°28	5°17	20° 5	14°46	8°13	17°47	10°55	9°34	12°34	n.a.	T 11
F 12	3 12 25	17°23'57	25°27	26°31	0♎34	10° 8	5°30	20° 1	14°49	8°14	17°47	10°51	9°31	12°40	n.a.	F 12
S 13	3 16 22	18°25'04	8♌46	27°31	1°36	10°48	5°44	19°57	14°53	8°16	17°46	10°49	9°27	12°47	n.a.	S 13
S 14	3 20 18	19°26'13	22°22	28°36	2°39	11°28	5°57	19°53	14°57	8°17	17°46	10°D49	9°24	12°54	n.a.	S 14
M15	3 24 15	20°27'22	6♍17	29°43	3°41	12° 8	6°11	19°49	15° 0	8°17	17°45	10°50	9°21	13° 0	n.a.	M15
T 16	3 28 11	21°28'33	20°30	0♏54	4°44	12°48	6°24	19°45	15° 4	8°18	17°44	10°51	9°18	13° 7	n.a.	T 16
W17	3 32 8	22°29'44	5♎ 1	2° 8	5°48	13°28	6°38	19°41	15° 8	8°19	17°44	10°R52	9°15	13°14	n.a.	W17
T 18	3 36 5	23°30'56	19°46	3°23	6°52	14° 8	6°52	19°38	15°11	8°20	17°43	10°52	9°12	13°20	n.a.	T 18
F 19	3 40 1	24°32'09	4♏40	4°41	7°56	14°48	7° 6	19°34	15°15	8°21	17°42	10°50	9° 8	13°27	n.a.	F 19
S 20	3 43 58	25°33'23	19°35	6° 0	9° 0	15°28	7°19	19°31	15°19	8°22	17°41	10°45	9° 5	13°33	n.a.	S 20
S 21	3 47 54	26°34'38	4♐22	7°21	10° 5	16° 8	7°33	19°27	15°22	8°23	17°41	10°39	9° 2	13°40	n.a.	S 21
M22	3 51 51	27°35'52	18°54	8°43	11°10	16°48	7°47	19°24	15°26	8°23	17°40	10°31	8°59	13°47	n.a.	M22
T 23	3 55 47	28°37'08	3♑ 4	10° 6	12°15	17°29	8° 1	19°21	15°30	8°24	17°39	10°23	8°56	13°53	n.a.	T 23
W24	3 59 44	29°38'23	16°47	11°30	13°21	18° 9	8°15	19°17	15°33	8°25	17°38	10°15	8°52	14° 0	n.a.	W24
T 25	4 3 40	0♐39'38	0♒ 3	12°55	14°26	18°49	8°28	19°14	15°37	8°25	17°37	10° 9	8°49	14° 7	n.a.	T 25
F 26	4 7 37	1°40'54	12°53	14°21	15°33	19°29	8°42	19°11	15°40	8°26	17°36	10° 5	8°46	14°13	n.a.	F 26
S 27	4 11 34	2°42'09	25°21	15°48	16°39	20° 9	8°56	19° 8	15°44	8°27	17°36	10° 3	8°43	14°20	n.a.	S 27
S 28	4 15 30	3°43'24	7♓30	17°15	17°45	20°50	9°10	19° 6	15°48	8°27	17°35	10°D 3	8°40	14°27	n.a.	S 28
M29	4 19 27	4°44'40	19°26	18°43	18°52	21°30	9°24	19° 3	15°51	8°28	17°34	10° 4	8°37	14°33	n.a.	M29
T 30	4 23 23	5♐45'55	1♈15	20♏11	19♎59	22♎10	9♐38	19♈ 0	15♏55	8♍28	17♋33	10♎ 5	8♎33	14♈40	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13s44	5s 2	2n40	7s 8	2n 4	5n 5	1n 3	0s13	1n 0	20s45	0n15	5n40	2s45	16s 1	0n15	9n57	1n24	29n30	7n 5	4s33	4s 2	4n28		n.a.
T 2	14 4	1 19	1 40	6 48	2 14	4 48	1 9	0 30	0 59	20 48	0 15	5 39	2 44	16 3	0 15	9 57	1 24	29 30	7 5	4 34	4 1	4 30		n.a.
W 3	14 24	2n27	0 37	6 34	2 22	4 30	1 14	0 46	0 59	20 50	0 15	5 37	2 44	16 4	0 14	9 56	1 24	29 31	7 5	4 34	4 0	4 32		n.a.
T 4	14 44	6 7	0s28	6 26	2 28	4 12	1 20	1 2	0 59	20 53	0 15	5 36	2 44	16 5	0 14	9 56	1 25	29 31	7 6	4 34	3 59	4 33		n.a.
F 5	15 4	9 34	1 32	6 23	2 32	3 53	1 25	1 18	0 59	20 55	0 15	5 34	2 44	16 6	0 14	9 55	1 25	29 31	7 6	4 34	3 57	4 35		n.a.
S 6	15 23	12 40	2 32	6 26	2 35	3 34	1 30	1 34	0 58	20 58	0 14	5 32	2 44	16 7	0 14	9 55	1 25	29 32	7 6	4 33	3 56	4 37		n.a.
S 7	15 42	15 15	3 26	6 33	2 36	3 15	1 35	1 51	0 58	21 1	0 14	5 31	2 44	16 8	0 14	9 55	1 25	29 32	7 6	4 31	3 55	4 39		n.a.
M 8	16 0	17 11	4 11	6 45	2 36	2 55	1 39	2 7	0 58	21 3	0 14	5 29	2 44	16 9	0 14	9 54	1 25	29 32	7 7	4 29	3 53	4 41		n.a.
T 9	16 19	18 20	4 45	7 0	2 35	2 35	1 44	2 23	0 57	21 6	0 14	5 28	2 43	16 10	0 14	9 54	1 25	29 33	7 7	4 26	3 52	4 42		n.a.
W10	16 37	18 36	5 6	7 19	2 33	2 14	1 48	2 39	0 57	21 8	0 14	5 27	2 43	16 11	0 14	9 53	1 25	29 33	7 7	4 24	3 51	4 44		n.a.
T 11	16 55	17 56	5 12	7 40	2 30	1 53	1 52	2 55	0 57	21 11	0 14	5 25	2 43	16 13	0 14	9 53	1 25	29 33	7 7	4 22	3 50	4 46		n.a.
F 12	17 12	16 20	5 2	8 4	2 26	1 32	1 56	3 11	0 56	21 14	0 14	5 24	2 43	16 14	0 14	9 53	1 25	29 34	7 8	4 20	3 48	4 48		n.a.
S 13	17 30	13 50	4 36	8 30	2 22	1 11	1 59	3 27	0 56	21 16	0 14	5 22	2 43	16 15	0 14	9 52	1 25	29 34	7 8	4 20	3 47	4 50		n.a.
S 14	17 47	10 31	3 54	8 58	2 17	0 49	2 3	3 44	0 56	21 19	0 14	5 21	2 42	16 16	0 14	9 52	1 25	29 34	7 8	4 19	3 46	4 51		n.a.
M15	18 3	6 34	2 57	9 27	2 11	0 27	2 6	4 0	0 55	21 21	0 13	5 20	2 42	16 17	0 14	9 52	1 25	29 35	7 8	4 20	3 45	4 53		n.a.
T 16	18 20	2 8	1 49	9 57	2 5	0 4	2 9	4 16	0 55	21 24	0 13	5 18	2 42	16 18	0 14	9 51	1 25	29 35	7 9	4 20	3 43	4 55		n.a.
W17	18 35	2s30	0 32	10 29	1 59	0s18	2 12	4 32	0 55	21 26	0 13	5 17	2 42	16 19	0 14	9 51	1 25	29 35	7 9	4 21	3 42	4 57		n.a.
T 18	18 51	7 4	0n48	11 1	1 53	0 41	2 15	4 48	0 54	21 28	0 13	5 16	2 42	16 20	0 14	9 51	1 25	29 36	7 9	4 21	3 41	4 59		n.a.
F 19	19 6	11 15	2 5	11 34	1 46	1 4	2 18	5 4	0 54	21 31	0 13	5 15	2 41	16 21	0 14	9 51	1 25	29 36	7 9	4 20	3 40	5 0		n.a.
S 20	19 21	14 42	3 14	12 7	1 39	1 28	2 20	5 20	0 54	21 33	0 13	5 14	2 41	16 22	0 14	9 50	1 25	29 36	7 10	4 18	3 38	5 2		n.a.
S 21	19 36	17 10	4 9	12 40	1 32	1 51	2 23	5 36	0 53	21 36	0 13	5 13	2 41	16 23	0 14	9 50	1 25	29 37	7 10	4 16	3 37	5 4		n.a.
M22	19 50	18 28	4 47	13 13	1 25	2 15	2 25	5 52	0 53	21 38	0 13	5 12	2 41	16 25	0 14	9 50	1 25	29 37	7 10	4 13	3 36	5 6		n.a.
T 23	20 4	18 34	5 6	13 47	1 17	2 39	2 27	6 7	0 53	21 40	0 13	5 11	2 40	16 26	0 14	9 50	1 26	29 37	7 10	4 9	3 35	5 8		n.a.
W24	20 17	17 34	5 6	14 20	1 10	3 3	2 29	6 23	0 52	21 43	0 12	5 10	2 40	16 27	0 14	9 49	1 26	29 38	7 10	4 6	3 33	5 9		n.a.
T 25	20 30	15 38	4 50	14 54	1 2	3 27	2 30	6 39	0 52	21 45	0 12	5 9	2 40	16 28	0 14	9 49	1 26	29 38	7 11	4 4	3 32	5 11		n.a.
F 26	20 43	12 59	4 19	15 27	0 55	3 51	2 32	6 55	0 51	21 47	0 12	5 8	2 40	16 29	0 14	9 49	1 26	29 38	7 11	4 2	3 31	5 13		n.a.
S 27	20 55	9 48	3 37	15 59	0 47	4 15	2 33	7 10	0 51	21 50	0 12	5 7	2 39	16 30	0 14	9 49	1 26	29 39	7 11	4 1	3 29	5 15		n.a.
S 28	21 7	6 17	2 46	16 31	0 40	4 40	2 35	7 26	0 51	21 52	0 12	5 6	2 39	16 31	0 14	9 49	1 26	29 39	7 11	4 1	3 28	5 16		n.a.
M29	21 19	2 34	1 49	17 3	0 33	5 4	2 36	7 42	0 50	21 54	0 12	5 5	2 39	16 32	0 14	9 49	1 26	29 39	7 12	4 2	3 27	5 18		n.a.
T 30	21s30	1n13	0n47	17s35	0n25	5s29	2n37	7s57	0n50	21s56	0n12	5n 5	2s39	16s33	0n14	9n48	1n26	29n40	7n12	4s 2	3s26	5n20		n.a.

Julian Day Number = 1709308.5, Delta T = 03h01m33s
Ecliptic obliquity = 23°41'47, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°31'14, Lahiri = - 4°24'14 Julian Calendar 1 Nov. 34 BCE == Greg. Calendar 30 Oct. 034 BCE

The year -33 astronomical counting style corresponds to year 034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 34 BCE
geocentric

DECEMBER 34 BCE (-33) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 27 20	6♐47'09	13♈ 1	21♏40	21♎ 6	22♎51	9♐52	18°R58	15♏58	8♍29	17°R32	10°R 5	8♎30	14♈47	n.a.	W 1
T 2	4 31 16	7°48'24	24°50	23° 9	22°14	23°31	10° 6	18♈56	16° 2	8°29	17♋31	10♎ 4	8°27	14°53	n.a.	T 2
F 3	4 35 13	8°49'39	6♉45	24°39	23°22	24°11	10°20	18°53	16° 5	8°29	17°30	10° 0	8°24	15° 0	n.a.	F 3
S 4	4 39 9	9°50'53	18°50	26° 9	24°29	24°52	10°34	18°51	16° 9	8°30	17°29	9°54	8°21	15° 7	n.a.	S 4
S 5	4 43 6	10°52'08	1♊ 7	27°40	25°37	25°32	10°47	18°49	16°12	8°30	17°27	9°45	8°17	15°13	n.a.	S 5
M 6	4 47 3	11°53'22	13°37	29°11	26°46	26°12	11° 1	18°47	16°15	8°30	17°26	9°34	8°14	15°20	n.a.	M 6
T 7	4 50 59	12°54'36	26°21	0♐42	27°54	26°53	11°15	18°45	16°19	8°30	17°25	9°22	8°11	15°26	n.a.	T 7
W 8	4 54 56	13°55'50	9♋17	2°14	29° 3	27°33	11°29	18°43	16°22	8°31	17°24	9°10	8° 8	15°33	n.a.	W 8
T 9	4 58 52	14°57'04	22°25	3°46	0♏11	28°14	11°43	18°42	16°26	8°31	17°23	8°59	8° 5	15°40	n.a.	T 9
F 10	5 2 49	15°58'18	5♌45	5°19	1°20	28°54	11°57	18°40	16°29	8°31	17°22	8°51	8° 2	15°46	n.a.	F 10
S 11	5 6 45	16°59'31	19°15	6°52	2°29	29°35	12°11	18°39	16°32	8°31	17°21	8°45	7°58	15°53	n.a.	S 11
S 12	5 10 42	18° 0'45	2♍55	8°25	3°39	0♏15	12°25	18°37	16°36	8°31	17°19	8°42	7°55	16° 0	n.a.	S 12
M13	5 14 39	19° 1'58	16°46	9°59	4°48	0°56	12°39	18°36	16°39	8°R31	17°18	8°D41	7°52	16° 6	n.a.	M13
T 14	5 18 35	20° 3'12	0♎47	11°34	5°58	1°36	12°53	18°35	16°42	8°31	17°17	8°R41	7°49	16°13	n.a.	T 14
W15	5 22 32	21° 4'25	14°58	13° 8	7° 7	2°17	13° 7	18°34	16°45	8°31	17°16	8°41	7°46	16°20	n.a.	W15
T 16	5 26 28	22° 5'38	29°19	14°44	8°17	2°58	13°21	18°33	16°49	8°31	17°15	8°40	7°43	16°26	n.a.	T 16
F 17	5 30 25	23° 6'51	13♏46	16°19	9°27	3°38	13°34	18°32	16°52	8°31	17°13	8°36	7°39	16°33	n.a.	F 17
S 18	5 34 21	24° 8'03	28°16	17°55	10°37	4°19	13°48	18°32	16°55	8°31	17°12	8°29	7°36	16°40	n.a.	S 18
S 19	5 38 18	25° 9'15	12♐41	19°32	11°47	4°59	14° 2	18°31	16°58	8°31	17°11	8°19	7°33	16°46	n.a.	S 19
M20	5 42 14	26°10'26	26°57	21° 9	12°57	5°40	14°16	18°31	17° 1	8°30	17° 9	8° 7	7°30	16°53	n.a.	M20
T 21	5 46 11	27°11'37	10♑56	22°47	14° 8	6°21	14°30	18°31	17° 4	8°30	17° 8	7°54	7°27	17° 0	n.a.	T 21
W22	5 50 8	28°12'47	24°35	24°25	15°18	7° 2	14°44	18°30	17° 7	8°30	17° 7	7°42	7°23	17° 6	n.a.	W22
T 23	5 54 4	29°13'56	7♒50	26° 4	16°29	7°42	14°57	18°D30	17°10	8°29	17° 5	7°31	7°20	17°13	n.a.	T 23
F 24	5 58 1	0♑15'04	20°41	27°43	17°40	8°23	15°11	18°30	17°13	8°29	17° 4	7°23	7°17	17°19	n.a.	F 24
S 25	6 1 57	1°16'11	3♓11	29°23	18°50	9° 4	15°25	18°30	17°16	8°29	17° 3	7°18	7°14	17°26	n.a.	S 25
S 26	6 5 54	2°17'16	15°22	1♑ 4	20° 1	9°44	15°38	18°31	17°19	8°28	17° 1	7°15	7°11	17°33	n.a.	S 26
M27	6 9 50	3°18'21	27°20	2°45	21°12	10°25	15°52	18°31	17°22	8°28	17° 0	7°14	7° 8	17°39	n.a.	M27
T 28	6 13 47	4°19'24	9♈10	4°27	22°23	11° 6	16° 6	18°32	17°24	8°27	16°59	7°14	7° 4	17°46	n.a.	T 28
W29	6 17 43	5°20'26	20°57	6° 9	23°34	11°47	16°19	18°32	17°27	8°27	16°57	7°14	7° 1	17°53	n.a.	W29
T 30	6 21 40	6°21'27	2♉47	7°52	24°46	12°28	16°33	18°33	17°30	8°26	16°56	7°12	6°58	17°59	n.a.	T 30
F 31	6 25 37	7♑22'26	14♉46	9♑36	25♏57	13♏ 8	16♐46	18♈34	17♏33	8♍26	16♋54	7♎ 8	6♎55	18♈ 6	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	21s41	4n57	0s16	18s 5	0n18	5s53	2n38	8s13	0n49	21s59	0n12	5n 4	2s38	16s34	0n14	9n48	1n26	29n40	7n12	4s 2	3s24	5n22			n.a.
T 2	21 51	8 30	1 18	18 35	0 11	6 18	2 38	8 28	0 49	22 1	0 12	5 3	2 38	16 35	0 14	9 48	1 26	29 40	7 12	4 2	3 23	5 24			n.a.
F 3	22 1	11 45	2 18	19 5	0 3	6 43	2 39	8 44	0 49	22 3	0 11	5 3	2 38	16 36	0 14	9 48	1 26	29 41	7 12	4 0	3 22	5 25			n.a.
S 4	22 10	14 32	3 12	19 33	0s 4	7 7	2 39	8 59	0 48	22 5	0 11	5 2	2 38	16 37	0 14	9 48	1 26	29 41	7 13	3 58	3 21	5 27			n.a.
S 5	22 19	16 43	3 58	20 1	0 11	7 32	2 40	9 14	0 48	22 7	0 11	5 2	2 37	16 38	0 14	9 48	1 26	29 41	7 13	3 54	3 19	5 29			n.a.
M 6	22 27	18 10	4 33	20 28	0 17	7 57	2 40	9 29	0 47	22 9	0 11	5 1	2 37	16 39	0 14	9 48	1 26	29 42	7 13	3 50	3 18	5 31			n.a.
T 7	22 35	18 43	4 55	20 55	0 24	8 21	2 40	9 45	0 47	22 11	0 11	5 1	2 37	16 40	0 14	9 48	1 26	29 42	7 13	3 45	3 17	5 33			n.a.
W 8	22 43	18 20	5 3	21 20	0 31	8 46	2 40	10 0	0 46	22 13	0 11	5 0	2 36	16 41	0 14	9 48	1 26	29 43	7 13	3 40	3 16	5 34			n.a.
T 9	22 50	16 58	4 55	21 44	0 37	9 10	2 40	10 15	0 46	22 15	0 11	5 0	2 36	16 42	0 14	9 48	1 26	29 43	7 14	3 36	3 14	5 36			n.a.
F 10	22 57	14 40	4 31	22 8	0 44	9 35	2 39	10 30	0 45	22 17	0 11	5 0	2 36	16 43	0 14	9 48	1 27	29 43	7 14	3 33	3 13	5 38			n.a.
S 11	23 3	11 33	3 51	22 30	0 50	9 59	2 39	10 45	0 45	22 19	0 11	4 59	2 36	16 44	0 14	9 48	1 27	29 44	7 14	3 30	3 12	5 40			n.a.
S 12	23 9	7 47	2 58	22 52	0 56	10 23	2 38	10 59	0 44	22 21	0 11	4 59	2 35	16 45	0 14	9 48	1 27	29 44	7 14	3 29	3 10	5 41			n.a.
M13	23 14	3 32	1 54	23 12	1 1	10 47	2 38	11 14	0 44	22 23	0 10	4 59	2 35	16 46	0 14	9 48	1 27	29 44	7 14	3 29	3 9	5 43			n.a.
T 14	23 19	0s57	0 42	23 31	1 7	11 11	2 37	11 29	0 43	22 25	0 10	4 59	2 35	16 47	0 14	9 48	1 27	29 45	7 14	3 29	3 8	5 45			n.a.
W15	23 24	5 27	0n33	23 49	1 12	11 35	2 36	11 44	0 43	22 27	0 10	4 59	2 34	16 48	0 14	9 48	1 27	29 45	7 15	3 29	3 7	5 47			n.a.
T 16	23 27	9 41	1 47	24 6	1 18	11 59	2 35	11 58	0 42	22 29	0 10	4 59	2 34	16 49	0 14	9 48	1 27	29 45	7 15	3 28	3 5	5 49			n.a.
F 17	23 31	13 22	2 55	24 21	1 23	12 22	2 34	12 12	0 42	22 30	0 10	4 59	2 34	16 50	0 14	9 48	1 27	29 46	7 15	3 27	3 4	5 50			n.a.
S 18	23 34	16 14	3 51	24 35	1 27	12 45	2 33	12 27	0 41	22 32	0 10	4 59	2 33	16 50	0 14	9 48	1 27	29 46	7 15	3 24	3 3	5 52			n.a.
S 19	23 36	18 4	4 32	24 48	1 32	13 8	2 31	12 41	0 41	22 34	0 10	4 59	2 33	16 51	0 14	9 49	1 27	29 46	7 15	3 20	3 2	5 54			n.a.
M20	23 38	18 44	4 55	25 0	1 36	13 31	2 30	12 55	0 40	22 36	0 10	4 59	2 33	16 52	0 14	9 49	1 27	29 47	7 15	3 15	3 0	5 56			n.a.
T 21	23 40	18 15	5 1	25 10	1 40	13 53	2 28	13 9	0 40	22 37	0 10	4 59	2 33	16 53	0 14	9 49	1 27	29 47	7 16	3 10	2 59	5 57			n.a.
W22	23 41	16 42	4 48	25 18	1 44	14 16	2 27	13 23	0 39	22 39	0 10	4 59	2 32	16 54	0 14	9 49	1 27	29 47	7 16	3 5	2 58	5 59			n.a.
T 23	23 42	14 19	4 21	25 25	1 47	14 38	2 25	13 37	0 39	22 41	0 9	4 59	2 32	16 55	0 14	9 49	1 27	29 48	7 16	3 1	2 57	6 1			n.a.
F 24	23 42	11 16	3 40	25 31	1 50	14 59	2 23	13 51	0 38	22 42	0 9	5 0	2 32	16 56	0 14	9 49	1 27	29 48	7 16	2 58	2 55	6 3			n.a.
S 25	23 41	7 48	2 50	25 35	1 53	15 21	2 22	14 5	0 37	22 44	0 9	5 0	2 31	16 56	0 14	9 50	1 27	29 48	7 16	2 56	2 54	6 4			n.a.
S 26	23 41	4 5	1 53	25 37	1 56	15 42	2 20	14 18	0 37	22 46	0 9	5 0	2 31	16 57	0 14	9 50	1 27	29 48	7 16	2 55	2 53	6 6			n.a.
M27	23 39	0 16	0 52	25 38	1 58	16 2	2 18	14 32	0 36	22 47	0 9	5 1	2 31	16 58	0 14	9 50	1 27	29 49	7 16	2 54	2 51	6 8			n.a.
T 28	23 37	3n31	0s10	25 37	1 59	16 23	2 16	14 45	0 36	22 49	0 9	5 1	2 30	16 59	0 14	9 50	1 28	29 49	7 17	2 54	2 50	6 10			n.a.
W29	23 35	7 9	1 12	25 34	2 1	16 43	2 13	14 59	0 35	22 50	0 9	5 2	2 30	17 0	0 14	9 50	1 28	29 49	7 17	2 54	2 49	6 11			n.a.
T 30	23 33	10 31	2 11	25 29	2 2	17 3	2 11	15 12	0 34	22 52	0 9	5 2	2 30	17 0	0 14	9 51	1 28	29 50	7 17	2 53	2 48	6 13			n.a.
F 31	23s29	13n30	3s 5	25s23	2s 2	17s22	2n 9	15s25	0n34	22s53	0n 9	5n 3	2s29	17s 1	0n14	9n51	1n28	29n50	7n17	2s52	2s46	6n15			n.a.

Julian Day Number = 1709338.5, Delta T = 03h01m32s
Ecliptic obliquity = 23°41'47, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°31'10, Lahiri = - 4°24'10 Julian Calendar 1 Dec. 34 BCE == Greg. Calendar 29 Nov. 034 BCE

The year -33 astronomical counting style corresponds to year 034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 33 BCE
geocentric

JANUARY 33 BCE (-32) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 29 33	8♑23'25	26♉57	11♑20	27♏ 8	13♏49	17♐ 0	18♈35	17♏35	8°R25	16°R53	7°R 1	6♎52	18♈13	n.a.	S 1
S 2	6 33 30	9°24'21	9♊23	13° 5	28°20	14°30	17°13	18°36	17°38	8♍24	16♋52	6♎51	6°49	18°19	n.a.	S 2
M 3	6 37 26	10°25'17	22° 7	14°50	29°31	15°11	17°27	18°37	17°41	8°24	16°50	6°39	6°45	18°26	n.a.	M 3
T 4	6 41 23	11°26'11	5♋ 9	16°36	0♐43	15°52	17°40	18°38	17°43	8°23	16°49	6°25	6°42	18°33	n.a.	T 4
W 5	6 45 19	12°27'05	18°28	18°23	1°54	16°33	17°53	18°40	17°46	8°22	16°47	6°12	6°39	18°39	n.a.	W 5
T 6	6 49 16	13°27'56	2♌ 1	20°10	3° 6	17°14	18° 7	18°41	17°48	8°22	16°46	6° 0	6°36	18°46	n.a.	T 6
F 7	6 53 12	14°28'47	15°46	21°57	4°18	17°55	18°20	18°43	17°51	8°21	16°45	5°50	6°33	18°53	n.a.	F 7
S 8	6 57 9	15°29'36	29°39	23°44	5°29	18°36	18°33	18°45	17°53	8°20	16°43	5°43	6°29	18°59	n.a.	S 8
S 9	7 1 6	16°30'25	13♍37	25°32	6°41	19°17	18°46	18°46	17°55	8°19	16°42	5°39	6°26	19° 6	n.a.	S 9
M10	7 5 2	17°31'12	27°39	27°19	7°53	19°58	19° 0	18°48	17°58	8°18	16°40	5°37	6°23	19°13	n.a.	M10
T 11	7 8 59	18°31'58	11♎43	29° 7	9° 5	20°39	19°13	18°50	18° 0	8°17	16°39	5°37	6°20	19°19	n.a.	T 11
W12	7 12 55	19°32'42	25°48	0♒54	10°17	21°20	19°26	18°53	18° 2	8°16	16°37	5°37	6°17	19°26	n.a.	W12
T 13	7 16 52	20°33'26	9♏54	2°40	11°29	22° 1	19°39	18°55	18° 4	8°15	16°36	5°36	6°14	19°32	n.a.	T 13
F 14	7 20 48	21°34'09	23°59	4°26	12°41	22°42	19°52	18°57	18° 6	8°14	16°35	5°32	6°10	19°39	n.a.	F 14
S 15	7 24 45	22°34'50	8♐ 1	6°11	13°54	23°23	20° 4	19° 0	18° 9	8°13	16°33	5°26	6° 7	19°46	n.a.	S 15
S 16	7 28 41	23°35'30	21°59	7°53	15° 6	24° 4	20°17	19° 2	18°11	8°12	16°32	5°17	6° 4	19°52	n.a.	S 16
M17	7 32 38	24°36'09	5♑48	9°34	16°18	24°45	20°30	19° 5	18°13	8°11	16°30	5° 5	6° 1	19°59	n.a.	M17
T 18	7 36 35	25°36'46	19°24	11°13	17°30	25°26	20°43	19° 8	18°15	8°10	16°29	4°53	5°58	20° 6	n.a.	T 18
W19	7 40 31	26°37'21	2♒45	12°48	18°43	26° 7	20°55	19°11	18°17	8° 9	16°28	4°41	5°55	20°12	n.a.	W19
T 20	7 44 28	27°37'55	15°47	14°20	19°55	26°48	21° 8	19°14	18°18	8° 8	16°26	4°31	5°51	20°19	n.a.	T 20
F 21	7 48 24	28°38'27	28°31	15°48	21° 8	27°30	21°20	19°17	18°20	8° 7	16°25	4°23	5°48	20°26	n.a.	F 21
S 22	7 52 21	29°38'57	10♓57	17°12	22°20	28°11	21°33	19°20	18°22	8° 6	16°23	4°18	5°45	20°32	n.a.	S 22
S 23	7 56 17	0♒39'25	23° 7	18°29	23°32	28°52	21°45	19°24	18°24	8° 4	16°22	4°15	5°42	20°39	n.a.	S 23
M24	8 0 14	1°39'51	5♈ 5	19°41	24°45	29°33	21°58	19°27	18°25	8° 3	16°21	4°D14	5°39	20°46	n.a.	M24
T 25	8 4 10	2°40'15	16°56	20°46	25°57	0♐14	22°10	19°31	18°27	8° 2	16°19	4°15	5°35	20°52	n.a.	T 25
W26	8 8 7	3°40'37	28°43	21°44	27°10	0°55	22°22	19°34	18°29	8° 1	16°18	4°R16	5°32	20°59	n.a.	W26
T 27	8 12 4	4°40'57	10♉34	22°33	28°23	1°37	22°34	19°38	18°30	7°59	16°17	4°16	5°29	21° 6	n.a.	T 27
F 28	8 16 0	5°41'15	22°33	23°15	29°35	2°18	22°46	19°42	18°32	7°58	16°15	4°14	5°26	21°12	n.a.	F 28
S 29	8 19 57	6°41'31	4♊46	23°47	0♑48	2°59	22°58	19°46	18°33	7°57	16°14	4°10	5°23	21°19	n.a.	S 29
S 30	8 23 53	7°41'45	17°16	24°10	2° 0	3°40	23°10	19°50	18°34	7°55	16°13	4° 4	5°20	21°26	n.a.	S 30
M31	8 27 50	8♒41'56	0♋ 7	24♒23	3♑13	4♐21	23♐22	19♈54	18♏36	7♍54	16♋11	3♎56	5♎16	21♈32	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s26	15n56	3s51	25s14	2s 2	17s41	2n 6	15s38	0n33	22s55	0n 9	5n 4	2s29	17s 2	0n14	9n51	1n28	29n50	7n17	2s49	2s45	6n17		n.a.
S 2	23 22	17 42	4 27	25 4	2 2	17 59	2 4	15 51	0 32	22 56	0 8	5 4	2 29	17 3	0 14	9 52	1 28	29 51	7 17	2 45	2 44	6 18		n.a.
M 3	23 17	18 37	4 51	24 52	2 1	18 17	2 2	16 3	0 32	22 57	0 8	5 5	2 28	17 3	0 14	9 52	1 28	29 51	7 17	2 40	2 43	6 20		n.a.
T 4	23 12	18 36	5 0	24 38	2 0	18 35	1 59	16 16	0 31	22 59	0 8	5 6	2 28	17 4	0 14	9 52	1 28	29 51	7 17	2 35	2 41	6 22		n.a.
W 5	23 6	17 34	4 54	24 22	1 58	18 52	1 56	16 29	0 31	23 0	0 8	5 7	2 28	17 5	0 14	9 53	1 28	29 51	7 17	2 29	2 40	6 24		n.a.
T 6	23 0	15 32	4 30	24 4	1 55	19 9	1 54	16 41	0 30	23 1	0 8	5 8	2 28	17 6	0 14	9 53	1 28	29 52	7 18	2 24	2 39	6 25		n.a.
F 7	22 54	12 36	3 51	23 44	1 52	19 25	1 51	16 53	0 29	23 3	0 8	5 9	2 27	17 6	0 14	9 53	1 28	29 52	7 18	2 20	2 38	6 27		n.a.
S 8	22 47	8 56	2 58	23 22	1 49	19 41	1 48	17 5	0 28	23 4	0 8	5 9	2 27	17 7	0 14	9 54	1 28	29 52	7 18	2 18	2 36	6 29		n.a.
S 9	22 40	4 46	1 54	22 58	1 45	19 56	1 45	17 17	0 28	23 5	0 8	5 10	2 27	17 8	0 14	9 54	1 28	29 53	7 18	2 16	2 35	6 31		n.a.
M10	22 32	0 18	0 42	22 33	1 40	20 10	1 42	17 29	0 27	23 6	0 8	5 11	2 26	17 8	0 14	9 54	1 28	29 53	7 18	2 15	2 34	6 32		n.a.
T 11	22 24	4s11	0n32	22 5	1 34	20 25	1 40	17 41	0 26	23 8	0 8	5 13	2 26	17 9	0 14	9 55	1 28	29 53	7 18	2 15	2 32	6 34		n.a.
W12	22 15	8 27	1 45	21 36	1 28	20 38	1 37	17 52	0 26	23 9	0 8	5 14	2 26	17 10	0 14	9 55	1 28	29 53	7 18	2 15	2 31	6 36		n.a.
T 13	22 6	12 14	2 51	21 5	1 21	20 51	1 34	18 4	0 25	23 10	0 7	5 15	2 25	17 10	0 14	9 55	1 28	29 54	7 18	2 15	2 30	6 38		n.a.
F 14	21 57	15 18	3 47	20 32	1 13	21 4	1 31	18 15	0 24	23 11	0 7	5 16	2 25	17 11	0 14	9 56	1 28	29 54	7 18	2 13	2 29	6 39		n.a.
S 15	21 47	17 28	4 29	19 58	1 4	21 16	1 28	18 26	0 23	23 12	0 7	5 17	2 25	17 11	0 14	9 56	1 28	29 54	7 18	2 11	2 27	6 41		n.a.
S 16	21 37	18 34	4 54	19 23	0 55	21 27	1 24	18 37	0 23	23 13	0 7	5 19	2 24	17 12	0 14	9 57	1 28	29 54	7 18	2 7	2 26	6 43		n.a.
M17	21 26	18 32	5 2	18 46	0 45	21 38	1 21	18 48	0 22	23 14	0 7	5 20	2 24	17 12	0 14	9 57	1 29	29 55	7 18	2 3	2 25	6 45		n.a.
T 18	21 15	17 27	4 53	18 9	0 34	21 48	1 18	18 59	0 21	23 15	0 7	5 21	2 24	17 13	0 14	9 58	1 29	29 55	7 18	1 58	2 24	6 46		n.a.
W19	21 3	15 25	4 27	17 31	0 23	21 58	1 15	19 10	0 20	23 16	0 7	5 23	2 24	17 14	0 14	9 58	1 29	29 55	7 18	1 53	2 22	6 48		n.a.
T 20	20 51	12 39	3 48	16 52	0 10	22 7	1 12	19 20	0 20	23 17	0 7	5 24	2 23	17 14	0 14	9 59	1 29	29 55	7 18	1 49	2 21	6 50		n.a.
F 21	20 39	9 20	2 58	16 13	0n 3	22 15	1 9	19 30	0 19	23 18	0 7	5 25	2 23	17 15	0 14	9 59	1 29	29 55	7 18	1 46	2 20	6 52		n.a.
S 22	20 27	5 40	2 1	15 35	0 16	22 23	1 5	19 41	0 18	23 19	0 7	5 27	2 23	17 15	0 14	10 0	1 29	29 56	7 18	1 44	2 18	6 53		n.a.
S 23	20 14	1 51	0 59	14 58	0 31	22 30	1 2	19 51	0 17	23 20	0 6	5 29	2 22	17 16	0 14	10 0	1 29	29 56	7 19	1 42	2 17	6 55		n.a.
M24	20 0	1n58	0s 5	14 21	0 46	22 37	0 59	20 0	0 16	23 21	0 6	5 30	2 22	17 16	0 14	10 1	1 29	29 56	7 19	1 42	2 16	6 57		n.a.
T 25	19 46	5 41	1 7	13 46	1 1	22 43	0 56	20 10	0 15	23 21	0 6	5 32	2 22	17 16	0 14	10 1	1 29	29 56	7 19	1 42	2 15	6 58		n.a.
W26	19 32	9 9	2 7	13 13	1 16	22 48	0 52	20 19	0 15	23 22	0 6	5 33	2 22	17 17	0 14	10 2	1 29	29 56	7 19	1 43	2 13	7 0		n.a.
T 27	19 18	12 16	3 2	12 42	1 32	22 52	0 49	20 29	0 14	23 23	0 6	5 35	2 21	17 17	0 14	10 2	1 29	29 57	7 19	1 43	2 12	7 2		n.a.
F 28	19 3	14 55	3 49	12 13	1 48	22 56	0 46	20 38	0 13	23 24	0 6	5 37	2 21	17 18	0 14	10 3	1 29	29 57	7 19	1 42	2 11	7 4		n.a.
S 29	18 48	16 56	4 27	11 48	2 3	22 59	0 42	20 47	0 12	23 25	0 6	5 38	2 21	17 18	0 14	10 3	1 29	29 57	7 19	1 40	2 10	7 5		n.a.
S 30	18 33	18 13	4 53	11 26	2 19	23 2	0 39	20 56	0 11	23 25	0 6	5 40	2 20	17 19	0 14	10 4	1 29	29 57	7 19	1 38	2 8	7 7		n.a.
M31	18s17	18n36	5s 5	11s 8	2n33	23s 4	0n36	21s 4	0n10	23s26	0n 6	5n42	2s20	17s19	0n14	10n 4	1n29	29n57	7n19	1s35	2s 7	7n 9		n.a.

Julian Day Number = 1709369.5, Delta T = 03h01m31s
Ecliptic obliquity = 23°41'46, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°31'06, Lahiri = - 4°24'06 Julian Calendar 1 Jan. 33 BCE == Greg. Calendar 30 Dec. 034 BCE

The year -32 astronomical counting style corresponds to year 033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 33 BCE
geocentric

FEBRUARY 33 BCE (-32) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 31 46	9♒42'06	13♋20	24°R27	4♉26	5♐ 3	23♐34	19♈58	18♏37	7°R53	16°R10	3°R47	5♎13	21♈39	n.a.	T 1
W 2	8 35 43	10°42'13	26°55	24♒21	5°39	5°44	23°45	20° 2	18°38	7♍51	16♋ 9	3♎37	5°10	21°45	n.a.	W 2
T 3	8 39 39	11°42'19	10♌50	24° 6	6°51	6°25	23°57	20° 7	18°39	7°50	16° 8	3°28	5° 7	21°52	n.a.	T 3
F 4	8 43 36	12°42'22	25° 0	23°42	8° 4	7° 6	24° 8	20°11	18°40	7°48	16° 6	3°21	5° 4	21°59	n.a.	F 4
S 5	8 47 33	13°42'23	9♍20	23°10	9°17	7°48	24°20	20°16	18°42	7°47	16° 5	3°17	5° 1	22° 5	n.a.	S 5
S 6	8 51 29	14°42'23	23°45	22°30	10°30	8°29	24°31	20°20	18°43	7°45	16° 4	3°15	4°57	22°12	n.a.	S 6
M 7	8 55 26	15°42'21	8♎10	21°44	11°42	9°10	24°42	20°25	18°43	7°44	16° 3	3°D14	4°54	22°19	n.a.	M 7
T 8	8 59 22	16°42'17	22°31	20°53	12°55	9°52	24°53	20°30	18°44	7°42	16° 1	3°15	4°51	22°25	n.a.	T 8
W 9	9 3 19	17°42'11	6♏45	19°58	14° 8	10°33	25° 4	20°35	18°45	7°41	16° 0	3°16	4°48	22°32	n.a.	W 9
T 10	9 7 15	18°42'03	20°50	19° 0	15°21	11°14	25°15	20°40	18°46	7°39	15°59	3°R17	4°45	22°39	n.a.	T 10
F 11	9 11 12	19°41'54	4♐46	18° 1	16°34	11°55	25°26	20°45	18°47	7°38	15°58	3°16	4°41	22°45	n.a.	F 11
S 12	9 15 8	20°41'43	18°31	17° 2	17°47	12°37	25°37	20°50	18°47	7°36	15°57	3°13	4°38	22°52	n.a.	S 12
S 13	9 19 5	21°41'31	2♑ 6	16° 5	19° 0	13°18	25°48	20°55	18°48	7°35	15°56	3° 8	4°35	22°59	n.a.	S 13
M14	9 23 2	22°41'16	15°29	15° 9	20°13	14° 0	25°58	21° 0	18°49	7°33	15°55	3° 2	4°32	23° 5	n.a.	M14
T 15	9 26 58	23°41'00	28°39	14°18	21°26	14°41	26° 9	21° 6	18°49	7°31	15°53	2°55	4°29	23°12	n.a.	T 15
W16	9 30 55	24°40'41	11♒36	13°31	22°39	15°22	26°19	21°11	18°50	7°30	15°52	2°48	4°26	23°19	n.a.	W16
T 17	9 34 51	25°40'20	24°19	12°48	23°52	16° 4	26°29	21°16	18°50	7°28	15°51	2°42	4°22	23°25	n.a.	T 17
F 18	9 38 48	26°39'58	6♓48	12°11	25° 5	16°45	26°39	21°22	18°51	7°27	15°50	2°37	4°19	23°32	n.a.	F 18
S 19	9 42 44	27°39'33	19° 4	11°40	26°18	17°26	26°49	21°28	18°51	7°25	15°49	2°35	4°16	23°39	n.a.	S 19
S 20	9 46 41	28°39'06	1♈ 8	11°15	27°31	18° 8	26°59	21°33	18°51	7°23	15°48	2°D34	4°13	23°45	n.a.	S 20
M21	9 50 37	29°38'36	13° 3	10°57	28°44	18°49	27° 9	21°39	18°51	7°22	15°47	2°34	4°10	23°52	n.a.	M21
T 22	9 54 34	0♓38'04	24°53	10°44	29°57	19°30	27°19	21°45	18°52	7°20	15°46	2°36	4° 6	23°59	n.a.	T 22
W23	9 58 30	1°37'30	6♉41	10°38	1♒10	20°12	27°28	21°51	18°52	7°18	15°45	2°38	4° 3	24° 5	n.a.	W23
T 24	10 2 27	2°36'54	18°31	10°D37	2°23	20°53	27°38	21°57	18°52	7°17	15°45	2°39	4° 0	24°12	n.a.	T 24
F 25	10 6 24	3°36'15	0♊30	10°42	3°36	21°34	27°47	22° 3	18°R52	7°15	15°44	2°R40	3°57	24°18	n.a.	F 25
S 26	10 10 20	4°35'34	12°41	10°53	4°49	22°15	27°56	22° 9	18°52	7°13	15°43	2°40	3°54	24°25	n.a.	S 26
S 27	10 14 17	5°34'50	25°10	11° 8	6° 2	22°57	28° 6	22°15	18°52	7°12	15°42	2°38	3°51	24°32	n.a.	S 27
M28	10 18 13	6°34'04	8♋ 0	11°29	7°15	23°38	28°15	22°22	18°51	7°10	15°41	2°36	3°47	24°38	n.a.	M28
T 29	10 22 10	7♓33'15	21♋14	11♒55	8♒28	24♐19	28♐23	22♈28	18♏51	7♍ 8	15♋40	2♎32	3♎44	24♈45	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s 1	18n 1	5s 2	10s53	2n47	23s 5	0n33	21s13	0n 9	23s27	0n 6	5n44	2s20	17s19	0n14	10n 5	1n29	29n57	7n19	1s31	2s 6	7n10		n.a.
W 2	17 44	16 24	4 41	10 43	3 0	23 5	0 29	21 21	0 8	23 27	0 5	5 46	2 20	17 20	0 14	10 5	1 29	29 58	7 19	1 27	2 4	7 12		n.a.
T 3	17 28	13 47	4 4	10 37	3 12	23 5	0 26	21 29	0 7	23 28	0 5	5 48	2 19	17 20	0 14	10 6	1 29	29 58	7 19	1 24	2 3	7 14		n.a.
F 4	17 11	10 20	3 11	10 34	3 23	23 4	0 23	21 37	0 7	23 29	0 5	5 50	2 19	17 20	0 14	10 7	1 29	29 58	7 19	1 21	2 2	7 16		n.a.
S 5	16 53	6 13	2 5	10 36	3 32	23 3	0 20	21 45	0 6	23 29	0 5	5 52	2 19	17 20	0 14	10 7	1 29	29 58	7 19	1 19	2 1	7 17		n.a.
S 6	16 36	1 44	0 51	10 42	3 39	23 0	0 16	21 53	0 5	23 30	0 5	5 54	2 19	17 21	0 14	10 8	1 29	29 58	7 19	1 18	1 59	7 19		n.a.
M 7	16 18	2s52	0n27	10 52	3 45	22 57	0 13	22 0	0 4	23 30	0 5	5 56	2 18	17 21	0 14	10 8	1 29	29 58	7 19	1 18	1 58	7 21		n.a.
T 8	16 0	7 16	1 42	11 5	3 48	22 54	0 10	22 7	0 3	23 31	0 5	5 58	2 18	17 21	0 14	10 9	1 29	29 58	7 18	1 18	1 57	7 22		n.a.
W 9	15 41	11 13	2 51	11 21	3 49	22 49	0 7	22 14	0 2	23 31	0 5	6 0	2 18	17 22	0 14	10 10	1 29	29 59	7 18	1 19	1 56	7 24		n.a.
T 10	15 23	14 28	3 49	11 40	3 48	22 44	0 4	22 21	0 1	23 32	0 5	6 2	2 18	17 22	0 14	10 10	1 29	29 59	7 18	1 19	1 54	7 26		n.a.
F 11	15 4	16 51	4 32	12 1	3 46	22 39	0 1	22 28	0s 0	23 32	0 5	6 4	2 17	17 22	0 14	10 11	1 29	29 59	7 18	1 19	1 53	7 28		n.a.
S 12	14 45	18 13	5 0	12 23	3 41	22 32	0s 2	22 34	0 1	23 33	0 4	6 6	2 17	17 22	0 14	10 11	1 29	29 59	7 18	1 17	1 52	7 29		n.a.
S 13	14 26	18 31	5 10	12 47	3 34	22 25	0 6	22 41	0 2	23 33	0 4	6 8	2 17	17 22	0 14	10 12	1 29	29 59	7 18	1 15	1 50	7 31		n.a.
M14	14 6	17 47	5 3	13 11	3 26	22 18	0 9	22 47	0 3	23 34	0 4	6 10	2 17	17 22	0 14	10 13	1 29	29 59	7 18	1 13	1 49	7 33		n.a.
T 15	13 46	16 6	4 39	13 35	3 16	22 10	0 12	22 53	0 4	23 34	0 4	6 13	2 16	17 23	0 14	10 13	1 30	29 59	7 18	1 10	1 48	7 34		n.a.
W16	13 26	13 37	4 2	14 0	3 5	22 1	0 14	22 59	0 6	23 35	0 4	6 15	2 16	17 23	0 14	10 14	1 30	29 59	7 18	1 7	1 47	7 36		n.a.
T 17	13 6	10 31	3 13	14 23	2 53	21 51	0 17	23 4	0 7	23 35	0 4	6 17	2 16	17 23	0 14	10 14	1 30	29 59	7 18	1 5	1 45	7 38		n.a.
F 18	12 46	7 0	2 16	14 46	2 40	21 41	0 20	23 9	0 8	23 35	0 4	6 20	2 16	17 23	0 14	10 15	1 30	29 59	7 18	1 3	1 44	7 40		n.a.
S 19	12 25	3 15	1 13	15 8	2 26	21 30	0 23	23 14	0 9	23 36	0 4	6 22	2 15	17 23	0 14	10 16	1 30	30 0	7 18	1 2	1 43	7 41		n.a.
S 20	12 4	0n35	0 8	15 28	2 12	21 18	0 26	23 19	0 10	23 36	0 4	6 24	2 15	17 23	0 14	10 16	1 30	30 0	7 18	1 2	1 42	7 43		n.a.
M21	11 43	4 20	0s57	15 47	1 58	21 6	0 29	23 24	0 11	23 36	0 4	6 27	2 15	17 23	0 14	10 17	1 30	30 0	7 18	1 2	1 40	7 45		n.a.
T 22	11 22	7 53	1 59	16 4	1 43	20 53	0 31	23 29	0 12	23 37	0 3	6 29	2 15	17 23	0 14	10 18	1 30	30 0	7 18	1 3	1 39	7 46		n.a.
W23	11 1	11 7	2 56	16 20	1 29	20 40	0 34	23 33	0 13	23 37	0 3	6 31	2 15	17 23	0 14	10 18	1 30	30 0	7 18	1 3	1 38	7 48		n.a.
T 24	10 39	13 54	3 46	16 34	1 14	20 26	0 37	23 37	0 14	23 37	0 3	6 34	2 14	17 23	0 14	10 19	1 30	30 0	7 18	1 4	1 36	7 50		n.a.
F 25	10 18	16 8	4 26	16 47	1 0	20 12	0 39	23 41	0 16	23 38	0 3	6 36	2 14	17 23	0 14	10 20	1 30	30 0	7 18	1 4	1 35	7 51		n.a.
S 26	9 56	17 40	4 56	16 57	0 46	19 56	0 42	23 45	0 17	23 38	0 3	6 39	2 14	17 23	0 14	10 20	1 30	30 0	7 17	1 4	1 34	7 53		n.a.
S 27	9 34	18 25	5 12	17 6	0 32	19 41	0 44	23 48	0 18	23 38	0 3	6 41	2 14	17 23	0 14	10 21	1 30	30 0	7 17	1 4	1 33	7 55		n.a.
M28	9 12	18 15	5 13	17 13	0 19	19 25	0 47	23 52	0 19	23 38	0 3	6 44	2 13	17 23	0 14	10 21	1 30	30 0	7 17	1 3	1 31	7 56		n.a.
T 29	8s50	17n 6	4s58	17s19	0n 6	19s 8	0s49	23s55	0s20	23s39	0n 3	6n46	2s13	17s23	0n14	10n22	1n30	30n 0	7n17	1s 1	1s30	7n58		n.a.

Julian Day Number = 1709400.5, Delta T = 03h01m30s
Ecliptic obliquity = 23°41'47, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°31'02, Lahiri = - 4°24'01 Julian Calendar 1 Feb. 33 BCE == Greg. Calendar 30 Jan. 033 BCE

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ASTRODIENST EPHEMERIS for the year 33 BCE
geocentric

MARCH 33 BCE (-32) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 26 6	8♓32'25	4♌55	12♒25	9♒41	25♐ 1	28♐32	22♈34	18°R51	7°R 7	15°R40	2°R29	3♎41	24♈52	n.a.	W 1
T 2	10 30 3	9°31'31	18°59	13° 0	10°55	25°42	28°41	22°41	18♏51	7♍ 5	15♋39	2♎25	3°38	24°58	n.a.	T 2
F 3	10 33 59	10°30'36	3♍25	13°38	12° 8	26°23	28°49	22°47	18°50	7° 4	15°38	2°23	3°35	25° 5	n.a.	F 3
S 4	10 37 56	11°29'38	18° 7	14°20	13°21	27° 5	28°58	22°54	18°50	7° 2	15°37	2°21	3°32	25°12	n.a.	S 4
S 5	10 41 53	12°28'38	2♎57	15° 6	14°34	27°46	29° 6	23° 0	18°49	7° 0	15°37	2°D21	3°28	25°18	n.a.	S 5
M 6	10 45 49	13°27'37	17°48	15°56	15°47	28°27	29°14	23° 7	18°49	6°59	15°36	2°21	3°25	25°25	n.a.	M 6
T 7	10 49 46	14°26'33	2♏33	16°48	17° 0	29° 8	29°22	23°13	18°48	6°57	15°35	2°22	3°22	25°32	n.a.	T 7
W 8	10 53 42	15°25'27	17° 6	17°44	18°13	29°50	29°30	23°20	18°48	6°55	15°35	2°23	3°19	25°38	n.a.	W 8
T 9	10 57 39	16°24'20	1♐23	18°42	19°26	0♑31	29°37	23°27	18°47	6°54	15°34	2°24	3°16	25°45	n.a.	T 9
F 10	11 1 35	17°23'11	15°23	19°44	20°40	1°12	29°45	23°34	18°46	6°52	15°34	2°R25	3°12	25°52	n.a.	F 10
S 11	11 5 32	18°22'00	29° 4	20°48	21°53	1°53	29°52	23°41	18°46	6°50	15°33	2°25	3° 9	25°58	n.a.	S 11
S 12	11 9 28	19°20'47	12♑27	21°54	23° 6	2°35	29°59	23°48	18°45	6°49	15°33	2°24	3° 6	26° 5	n.a.	S 12
M13	11 13 25	20°19'33	25°33	23° 3	24°19	3°16	0♑ 7	23°55	18°44	6°47	15°32	2°22	3° 3	26°12	n.a.	M13
T 14	11 17 21	21°18'16	8♒23	24°15	25°32	3°57	0°14	24° 2	18°43	6°46	15°32	2°21	3° 0	26°18	n.a.	T 14
W15	11 21 18	22°16'58	20°59	25°28	26°45	4°38	0°21	24° 9	18°42	6°44	15°31	2°19	2°57	26°25	n.a.	W15
T 16	11 25 15	23°15'38	3♓22	26°44	27°59	5°19	0°27	24°16	18°41	6°42	15°31	2°18	2°53	26°32	n.a.	T 16
F 17	11 29 11	24°14'15	15°35	28° 2	29°12	6° 0	0°34	24°23	18°40	6°41	15°31	2°17	2°50	26°38	n.a.	F 17
S 18	11 33 8	25°12'51	27°39	29°22	0♓25	6°42	0°40	24°30	18°39	6°39	15°30	2°D17	2°47	26°45	n.a.	S 18
S 19	11 37 4	26°11'25	9♈35	0♓43	1°38	7°23	0°46	24°37	18°38	6°38	15°30	2°17	2°44	26°52	n.a.	S 19
M20	11 41 1	27° 9'57	21°26	2° 7	2°51	8° 4	0°52	24°45	18°37	6°36	15°30	2°17	2°41	26°58	n.a.	M20
T 21	11 44 57	28° 8'26	3♉14	3°33	4° 5	8°45	0°58	24°52	18°35	6°35	15°29	2°18	2°38	27° 5	n.a.	T 21
W22	11 48 54	29° 6'54	15° 3	5° 0	5°18	9°26	1° 4	24°59	18°34	6°33	15°29	2°18	2°34	27°12	n.a.	W22
T 23	11 52 50	0♈ 5'19	26°54	6°30	6°31	10° 7	1°10	25° 7	18°33	6°32	15°29	2°19	2°31	27°18	n.a.	T 23
F 24	11 56 47	1° 3'42	8♊53	8° 1	7°44	10°48	1°15	25°14	18°31	6°30	15°29	2°19	2°28	27°25	n.a.	F 24
S 25	12 0 44	2° 2'03	21° 4	9°34	8°57	11°28	1°20	25°21	18°30	6°29	15°28	2°19	2°25	27°32	n.a.	S 25
S 26	12 4 40	3° 0'22	3♋30	11° 8	10°11	12° 9	1°25	25°29	18°29	6°27	15°28	2°19	2°22	27°38	n.a.	S 26
M27	12 8 37	3°58'39	16°16	12°45	11°24	12°50	1°30	25°36	18°27	6°26	15°28	2°19	2°18	27°45	n.a.	M27
T 28	12 12 33	4°56'53	29°25	14°23	12°37	13°31	1°35	25°44	18°26	6°24	15°28	2°19	2°15	27°51	n.a.	T 28
W29	12 16 30	5°55'06	13♌ 0	16° 3	13°50	14°12	1°40	25°51	18°24	6°23	15°28	2°19	2°12	27°58	n.a.	W29
T 30	12 20 26	6°53'16	27° 3	17°45	15° 3	14°53	1°44	25°59	18°22	6°22	15°D28	2°20	2° 9	28° 5	n.a.	T 30
F 31	12 24 23	7♈51'24	11♍30	19♓29	16♓17	15♑33	1♑48	26♈ 7	18♏21	6♍20	15♋28	2♎20	2♎ 6	28♈11	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8s27	14n57	4s26	17s22	0s 7	18s50	0s51	23s58	0s22	23s39	0n 3	6n49	2s13	17s23	0n14	10n23	1n30	30n 0	7n17	1s 0	1s29	8n 0		n.a.
T 2	8 5	11 51	3 37	17 24	0 19	18 33	0 54	24 0	0 23	23 39	0 2	6 52	2 13	17 23	0 14	10 23	1 30	30 0	7 17	0 58	1 28	8 1		n.a.
F 3	7 42	7 59	2 33	17 24	0 30	18 14	0 56	24 3	0 24	23 39	0 2	6 54	2 13	17 23	0 14	10 24	1 30	30 0	7 17	0 57	1 26	8 3		n.a.
S 4	7 20	3 33	1 18	17 22	0 41	17 55	0 58	24 5	0 25	23 39	0 2	6 57	2 13	17 23	0 14	10 25	1 30	30 0	7 17	0 57	1 25	8 5		n.a.
S 5	6 57	1s 8	0n 3	17 18	0 52	17 36	1 0	24 7	0 27	23 40	0 2	6 59	2 12	17 23	0 14	10 25	1 30	30 0	7 17	0 56	1 24	8 7		n.a.
M 6	6 34	5 45	1 24	17 13	1 2	17 16	1 2	24 9	0 28	23 40	0 2	7 2	2 12	17 22	0 14	10 26	1 30	30 0	7 17	0 57	1 22	8 8		n.a.
T 7	6 11	10 0	2 39	17 6	1 12	16 56	1 4	24 11	0 29	23 40	0 2	7 5	2 12	17 22	0 14	10 26	1 30	30 0	7 17	0 57	1 21	8 10		n.a.
W 8	5 48	13 33	3 43	16 58	1 21	16 35	1 6	24 12	0 31	23 40	0 2	7 7	2 12	17 22	0 14	10 27	1 30	30 0	7 16	0 58	1 20	8 12		n.a.
T 9	5 25	16 14	4 32	16 47	1 29	16 13	1 8	24 14	0 32	23 40	0 2	7 10	2 12	17 22	0 14	10 28	1 30	30 0	7 16	0 58	1 19	8 13		n.a.
F 10	5 2	17 52	5 3	16 35	1 37	15 52	1 10	24 15	0 33	23 40	0 1	7 13	2 11	17 22	0 14	10 28	1 30	30 0	7 16	0 58	1 17	8 15		n.a.
S 11	4 39	18 25	5 16	16 22	1 44	15 29	1 11	24 15	0 35	23 40	0 1	7 15	2 11	17 22	0 14	10 29	1 30	30 0	7 16	0 58	1 16	8 17		n.a.
S 12	4 16	17 56	5 12	16 6	1 51	15 7	1 13	24 16	0 36	23 41	0 1	7 18	2 11	17 21	0 14	10 30	1 30	30 0	7 16	0 58	1 15	8 18		n.a.
M13	3 52	16 29	4 51	15 49	1 57	14 44	1 15	24 17	0 37	23 41	0 1	7 21	2 11	17 21	0 14	10 30	1 30	30 0	7 16	0 57	1 13	8 20		n.a.
T 14	3 29	14 14	4 17	15 31	2 3	14 20	1 16	24 17	0 39	23 41	0 1	7 24	2 11	17 21	0 14	10 31	1 30	30 0	7 16	0 57	1 12	8 22		n.a.
W15	3 6	11 21	3 30	15 11	2 8	13 57	1 18	24 17	0 40	23 41	0 1	7 26	2 11	17 21	0 14	10 31	1 30	30 0	7 16	0 56	1 11	8 23		n.a.
T 16	2 42	7 59	2 34	14 49	2 13	13 32	1 19	24 17	0 41	23 41	0 1	7 29	2 10	17 20	0 14	10 32	1 30	29 59	7 16	0 56	1 10	8 25		n.a.
F 17	2 19	4 20	1 31	14 26	2 17	13 8	1 20	24 16	0 43	23 41	0 1	7 32	2 10	17 20	0 14	10 32	1 30	29 59	7 15	0 55	1 8	8 27		n.a.
S 18	1 55	0 33	0 26	14 1	2 21	12 43	1 22	24 16	0 44	23 41	0 1	7 35	2 10	17 20	0 14	10 33	1 30	29 59	7 15	0 55	1 7	8 28		n.a.
S 19	1 32	3n13	0s40	13 35	2 24	12 18	1 23	24 15	0 46	23 41	0 0	7 38	2 10	17 19	0 14	10 34	1 30	29 59	7 15	0 55	1 6	8 30		n.a.
M20	1 8	6 50	1 44	13 7	2 27	11 52	1 24	24 14	0 47	23 41	0 0	7 40	2 10	17 19	0 14	10 34	1 30	29 59	7 15	0 55	1 5	8 32		n.a.
T 21	0 45	10 10	2 44	12 37	2 29	11 26	1 25	24 13	0 49	23 41	0 0	7 43	2 10	17 19	0 14	10 35	1 30	29 59	7 15	0 55	1 3	8 33		n.a.
W22	0 21	13 5	3 36	12 6	2 30	11 0	1 26	24 11	0 50	23 42	0 0	7 46	2 10	17 18	0 14	10 35	1 30	29 59	7 15	0 56	1 2	8 35		n.a.
T 23	0n 2	15 28	4 19	11 34	2 31	10 34	1 27	24 10	0 52	23 42	0s 0	7 49	2 10	17 18	0 14	10 36	1 30	29 59	7 15	0 56	1 1	8 36		n.a.
F 24	0 26	17 13	4 52	10 59	2 31	10 7	1 28	24 8	0 53	23 42	0 0	7 52	2 9	17 18	0 14	10 36	1 30	29 59	7 15	0 56	0 59	8 38		n.a.
S 25	0 49	18 12	5 12	10 24	2 31	9 40	1 29	24 6	0 55	23 42	0 0	7 54	2 9	17 17	0 14	10 37	1 30	29 59	7 15	0 56	0 58	8 40		n.a.
S 26	1 12	18 21	5 18	9 47	2 31	9 13	1 29	24 4	0 56	23 42	0 0	7 57	2 9	17 17	0 14	10 37	1 30	29 59	7 14	0 56	0 57	8 41		n.a.
M27	1 36	17 35	5 9	9 8	2 29	8 45	1 30	24 2	0 58	23 42	0 1	8 0	2 9	17 16	0 14	10 38	1 30	29 58	7 14	0 56	0 56	8 43		n.a.
T 28	1 59	15 52	4 43	8 29	2 28	8 17	1 31	23 59	0 59	23 42	0 1	8 3	2 9	17 16	0 14	10 38	1 30	29 58	7 14	0 56	0 54	8 45		n.a.
W29	2 22	13 14	4 1	7 47	2 25	7 49	1 31	23 56	1 1	23 42	0 1	8 6	2 9	17 16	0 14	10 39	1 30	29 58	7 14	0 56	0 53	8 46		n.a.
T 30	2 46	9 45	3 4	7 4	2 23	7 21	1 31	23 53	1 2	23 42	0 1	8 9	2 9	17 15	0 14	10 40	1 30	29 58	7 14	0 56	0 52	8 48		n.a.
F 31	3n 9	5n35	1s53	6s20	2s19	6s53	1s32	23s50	1s 4	23s42	0s 1	8n12	2s 9	17s15	0n14	10n40	1n30	29n58	7n14	0s56	0s51	8n50		n.a.

Julian Day Number = 1709429.5, Delta T = 03h01m30s
Ecliptic obliquity = 23°41'47, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°30'58, Lahiri = - 4°23'57 Julian Calendar 1 March 33 BCE == Greg. Calendar 28 Feb. 033 BCE

The year -32 astronomical counting style corresponds to year 033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 33 BCE
geocentric

APRIL 33 BCE (-32) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 28 19	8♈49'30	26♍19	21♓14	17♓30	16♑14	1♑52	26♈14	18°R19	6°R19	15♋28	2°R20	2♎ 3	28♈18	n.a.	S 1
S 2	12 32 16	9°47'35	11♎22	23° 1	18°43	16°55	1°56	26°22	18♏17	6♍18	15°28	2♎20	1°59	28°25	n.a.	S 2
M 3	12 36 12	10°45'37	26°32	24°50	19°56	17°35	2° 0	26°29	18°16	6°16	15°28	2°20	1°56	28°31	n.a.	M 3
T 4	12 40 9	11°43'38	11♏38	26°41	21°10	18°16	2° 3	26°37	18°14	6°15	15°28	2°19	1°53	28°38	n.a.	T 4
W 5	12 44 6	12°41'37	26°32	28°33	22°23	18°56	2° 7	26°45	18°12	6°14	15°28	2°18	1°50	28°45	n.a.	W 5
T 6	12 48 2	13°39'35	11♐ 7	0♈27	23°36	19°37	2°10	26°53	18°10	6°13	15°29	2°17	1°47	28°51	n.a.	T 6
F 7	12 51 59	14°37'32	25°18	2°24	24°49	20°17	2°13	27° 0	18° 8	6°11	15°29	2°16	1°43	28°58	n.a.	F 7
S 8	12 55 55	15°35'27	9♑ 5	4°21	26° 2	20°58	2°16	27° 8	18° 6	6°10	15°29	2°15	1°40	29° 5	n.a.	S 8
S 9	12 59 52	16°33'21	22°27	6°21	27°16	21°38	2°19	27°16	18° 4	6° 9	15°29	2°D15	1°37	29°11	n.a.	S 9
M10	13 3 48	17°31'13	5♒26	8°22	28°29	22°18	2°21	27°24	18° 2	6° 8	15°30	2°16	1°34	29°18	n.a.	M10
T 11	13 7 45	18°29'04	18° 5	10°25	29°42	22°59	2°23	27°31	18° 0	6° 7	15°30	2°17	1°31	29°25	n.a.	T 11
W12	13 11 41	19°26'54	0♓28	12°29	0♈55	23°39	2°25	27°39	17°58	6° 6	15°30	2°18	1°28	29°31	n.a.	W12
T 13	13 15 38	20°24'42	12°38	14°35	2° 9	24°19	2°27	27°47	17°56	6° 4	15°31	2°19	1°24	29°38	n.a.	T 13
F 14	13 19 35	21°22'29	24°38	16°42	3°22	24°59	2°29	27°55	17°54	6° 3	15°31	2°20	1°21	29°45	n.a.	F 14
S 15	13 23 31	22°20'15	6♈32	18°51	4°35	25°39	2°31	28° 3	17°52	6° 2	15°31	2°R20	1°18	29°51	n.a.	S 15
S 16	13 27 28	23°17'59	18°22	21° 0	5°49	26°19	2°32	28°10	17°50	6° 1	15°32	2°20	1°15	29°58	n.a.	S 16
M17	13 31 24	24°15'42	0♉11	23°10	7° 2	26°59	2°33	28°18	17°48	6° 0	15°32	2°18	1°12	0♉ 5	n.a.	M17
T 18	13 35 21	25°13'23	11°59	25°21	8°15	27°39	2°34	28°26	17°46	5°59	15°33	2°15	1° 9	0°11	n.a.	T 18
W19	13 39 17	26°11'03	23°50	27°32	9°28	28°18	2°35	28°34	17°43	5°58	15°33	2°11	1° 5	0°18	n.a.	W19
T 20	13 43 14	27° 8'41	5♊46	29°43	10°42	28°58	2°35	28°42	17°41	5°58	15°34	2° 7	1° 2	0°25	n.a.	T 20
F 21	13 47 10	28° 6'18	17°49	1♉54	11°55	29°38	2°36	28°50	17°39	5°57	15°34	2° 3	0°59	0°31	n.a.	F 21
S 22	13 51 7	29° 3'54	0♋ 3	4° 5	13° 8	0♒17	2°36	28°58	17°37	5°56	15°35	1°59	0°56	0°38	n.a.	S 22
S 23	13 55 4	0♉ 1'27	12°29	6°14	14°22	0°56	2°R36	29° 5	17°34	5°55	15°36	1°57	0°53	0°45	n.a.	S 23
M24	13 59 0	0°59'00	25°13	8°23	15°35	1°36	2°36	29°13	17°32	5°54	15°36	1°D56	0°49	0°51	n.a.	M24
T 25	14 2 57	1°56'30	8♌17	10°31	16°48	2°15	2°36	29°21	17°30	5°53	15°37	1°56	0°46	0°58	n.a.	T 25
W26	14 6 53	2°54'00	21°44	12°37	18° 1	2°54	2°35	29°29	17°27	5°53	15°38	1°57	0°43	1° 5	n.a.	W26
T 27	14 10 50	3°51'27	5♍36	14°41	19°15	3°33	2°34	29°37	17°25	5°52	15°38	1°58	0°40	1°11	n.a.	T 27
F 28	14 14 46	4°48'54	19°54	16°43	20°28	4°12	2°33	29°45	17°22	5°51	15°39	1°59	0°37	1°18	n.a.	F 28
S 29	14 18 43	5°46'19	4♎36	18°43	21°41	4°51	2°32	29°52	17°20	5°51	15°40	2°R 0	0°34	1°25	n.a.	S 29
S 30	14 22 39	6♉43'42	19♎38	20♉41	22♈55	5♒30	2♑31	0♉ 0	17♏18	5♍50	15♋41	1♎59	0♎30	1♉31	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n32	0n58	0s33	5s35	2s15	6s24	1s32	23s47	1s 6	23s42	0s 1	8n14	2s 8	17s14	0n14	10n40	1n30	29n58	7n14	0s56	0s49	8n51		n.a.
S 2	3 55	3s47	0n50	4 48	2 11	5 55	1 32	23 44	1 7	23 42	0 1	8 17	2 8	17 14	0 14	10 41	1 30	29 58	7 14	0 56	0 48	8 53		n.a.
M 3	4 18	8 19	2 10	4 0	2 6	5 26	1 33	23 40	1 9	23 42	0 2	8 20	2 8	17 13	0 14	10 41	1 30	29 58	7 13	0 56	0 47	8 55		n.a.
T 4	4 41	12 18	3 21	3 10	2 0	4 57	1 33	23 36	1 11	23 43	0 2	8 23	2 8	17 13	0 14	10 42	1 30	29 57	7 13	0 56	0 45	8 56		n.a.
W 5	5 4	15 25	4 18	2 19	1 54	4 28	1 33	23 32	1 12	23 43	0 2	8 26	2 8	17 12	0 14	10 42	1 29	29 57	7 13	0 55	0 44	8 58		n.a.
T 6	5 27	17 28	4 56	1 27	1 48	3 59	1 33	23 28	1 14	23 43	0 2	8 29	2 8	17 12	0 14	10 43	1 29	29 57	7 13	0 55	0 43	9 0		n.a.
F 7	5 49	18 22	5 15	0 34	1 41	3 29	1 32	23 23	1 16	23 43	0 2	8 32	2 8	17 11	0 14	10 43	1 29	29 57	7 13	0 54	0 42	9 1		n.a.
S 8	6 12	18 9	5 15	0n20	1 33	3 0	1 32	23 19	1 17	23 43	0 2	8 35	2 8	17 11	0 14	10 44	1 29	29 57	7 13	0 54	0 40	9 3		n.a.
S 9	6 35	16 55	4 58	1 15	1 25	2 30	1 32	23 14	1 19	23 43	0 2	8 37	2 8	17 10	0 14	10 44	1 29	29 57	7 13	0 54	0 39	9 4		n.a.
M10	6 57	14 49	4 26	2 11	1 17	2 1	1 32	23 9	1 21	23 43	0 3	8 40	2 8	17 9	0 14	10 44	1 29	29 57	7 13	0 54	0 38	9 6		n.a.
T 11	7 19	12 4	3 41	3 8	1 8	1 31	1 31	23 4	1 22	23 43	0 3	8 43	2 8	17 9	0 14	10 45	1 29	29 56	7 12	0 55	0 36	9 8		n.a.
W12	7 41	8 49	2 48	4 5	0 59	1 1	1 31	22 59	1 24	23 43	0 3	8 46	2 8	17 8	0 14	10 45	1 29	29 56	7 12	0 55	0 35	9 9		n.a.
T 13	8 3	5 15	1 47	5 4	0 49	0 31	1 30	22 54	1 26	23 43	0 3	8 49	2 7	17 8	0 14	10 46	1 29	29 56	7 12	0 56	0 34	9 11		n.a.
F 14	8 25	1 30	0 42	6 2	0 39	0 1	1 30	22 48	1 28	23 43	0 3	8 52	2 7	17 7	0 14	10 46	1 29	29 56	7 12	0 56	0 33	9 13		n.a.
S 15	8 47	2n16	0s23	7 1	0 29	0n29	1 29	22 42	1 30	23 44	0 3	8 55	2 7	17 7	0 14	10 46	1 29	29 56	7 12	0 56	0 31	9 14		n.a.
S 16	9 9	5 56	1 27	8 0	0 19	0 59	1 28	22 37	1 31	23 44	0 3	8 58	2 7	17 6	0 14	10 47	1 29	29 56	7 12	0 56	0 30	9 16		n.a.
M17	9 30	9 21	2 28	8 58	0 8	1 29	1 28	22 31	1 33	23 44	0 4	9 0	2 7	17 5	0 14	10 47	1 29	29 55	7 12	0 55	0 29	9 17		n.a.
T 18	9 52	12 24	3 21	9 57	0n 3	1 59	1 27	22 24	1 35	23 44	0 4	9 3	2 7	17 5	0 14	10 47	1 29	29 55	7 12	0 54	0 28	9 19		n.a.
W19	10 13	14 57	4 7	10 55	0 13	2 29	1 26	22 18	1 37	23 44	0 4	9 6	2 7	17 4	0 14	10 48	1 29	29 55	7 11	0 53	0 26	9 21		n.a.
T 20	10 34	16 53	4 42	11 52	0 24	2 59	1 25	22 12	1 39	23 44	0 4	9 9	2 7	17 3	0 14	10 48	1 29	29 55	7 11	0 51	0 25	9 22		n.a.
F 21	10 55	18 5	5 4	12 48	0 34	3 29	1 24	22 5	1 41	23 44	0 4	9 12	2 7	17 3	0 14	10 48	1 29	29 55	7 11	0 49	0 24	9 24		n.a.
S 22	11 16	18 28	5 14	13 42	0 44	3 58	1 23	21 58	1 42	23 45	0 4	9 15	2 7	17 2	0 14	10 49	1 29	29 54	7 11	0 48	0 22	9 26		n.a.
S 23	11 36	17 59	5 9	14 36	0 54	4 28	1 22	21 52	1 44	23 45	0 4	9 17	2 7	17 2	0 14	10 49	1 29	29 54	7 11	0 47	0 21	9 27		n.a.
M24	11 56	16 36	4 48	15 27	1 4	4 58	1 20	21 45	1 46	23 45	0 5	9 20	2 7	17 1	0 14	10 49	1 29	29 54	7 11	0 46	0 20	9 29		n.a.
T 25	12 17	14 19	4 13	16 17	1 13	5 27	1 19	21 37	1 48	23 45	0 5	9 23	2 7	17 0	0 14	10 49	1 29	29 54	7 11	0 46	0 19	9 30		n.a.
W26	12 37	11 13	3 23	17 5	1 21	5 57	1 18	21 30	1 50	23 45	0 5	9 26	2 7	17 0	0 14	10 50	1 29	29 54	7 11	0 47	0 17	9 32		n.a.
T 27	12 56	7 24	2 20	17 50	1 30	6 26	1 17	21 23	1 52	23 45	0 5	9 29	2 7	16 59	0 14	10 50	1 29	29 53	7 10	0 47	0 16	9 34		n.a.
F 28	13 16	3 2	1 6	18 34	1 37	6 55	1 15	21 15	1 54	23 46	0 5	9 31	2 7	16 58	0 14	10 50	1 29	29 53	7 10	0 48	0 15	9 35		n.a.
S 29	13 35	1s38	0n14	19 15	1 44	7 24	1 14	21 8	1 56	23 46	0 5	9 34	2 7	16 58	0 14	10 50	1 29	29 53	7 10	0 48	0 13	9 37		n.a.
S 30	13n54	6s18	1n35	19n53	1n50	7n53	1s12	21s 0	1s58	23s46	0s 6	9n37	2s 7	16s57	0n14	10n51	1n29	29n53	7n10	0s48	0s12	9n38		n.a.

Julian Day Number = 1709460.5, Delta T = 03h01m29s
Ecliptic obliquity = 23°41'48, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°30'54, Lahiri = - 4°23'53 Julian Calendar 1 Apr. 33 BCE == Greg. Calendar 30 March 033 BCE

The year -32 astronomical counting style corresponds to year 033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 33 BCE
geocentric

MAY 33 BCE (-32) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 26 36	7♉41'05	4♏50	22♉37	24♈ 8	6♒ 8	2°R29	0♉ 8	17°R15	5°R49	15♋41	1°R56	0♎27	1♉38	n.a.	M 1
T 2	14 30 33	8°38'26	20° 5	24°30	25°21	6°47	2♑28	0°16	17♏13	5♍49	15°42	1♎52	0°24	1°45	n.a.	T 2
W 3	14 34 29	9°35'47	5♐10	26°20	26°35	7°25	2°26	0°24	17°10	5°48	15°43	1°47	0°21	1°51	n.a.	W 3
T 4	14 38 26	10°33'07	19°59	28° 8	27°48	8° 4	2°24	0°31	17° 8	5°48	15°44	1°41	0°18	1°58	n.a.	T 4
F 5	14 42 22	11°30'26	4♑22	29°53	29° 1	8°42	2°22	0°39	17° 6	5°47	15°45	1°36	0°14	2° 5	n.a.	F 5
S 6	14 46 19	12°27'44	18°18	1♊36	0♉15	9°20	2°19	0°47	17° 3	5°47	15°46	1°32	0°11	2°11	n.a.	S 6
S 7	14 50 15	13°25'02	1♒45	3°16	1°28	9°58	2°17	0°55	17° 1	5°46	15°47	1°30	0° 8	2°18	n.a.	S 7
M 8	14 54 12	14°22'19	14°45	4°53	2°41	10°36	2°14	1° 3	16°58	5°46	15°48	1°D29	0° 5	2°25	n.a.	M 8
T 9	14 58 8	15°19'36	27°21	6°28	3°55	11°14	2°11	1°10	16°56	5°46	15°49	1°30	0° 2	2°31	n.a.	T 9
W10	15 2 5	16°16'52	9♓39	7°59	5° 8	11°51	2° 8	1°18	16°53	5°45	15°50	1°31	29♍59	2°38	n.a.	W10
T 11	15 6 2	17°14'07	21°43	9°28	6°22	12°29	2° 5	1°26	16°51	5°45	15°51	1°32	29°55	2°45	n.a.	T 11
F 12	15 9 58	18°11'22	3♈37	10°54	7°35	13° 6	2° 1	1°33	16°48	5°45	15°52	1°R33	29°52	2°51	n.a.	F 12
S 13	15 13 55	19° 8'36	15°26	12°17	8°48	13°43	1°57	1°41	16°46	5°45	15°53	1°32	29°49	2°58	n.a.	S 13
S 14	15 17 51	20° 5'50	27°14	13°37	10° 2	14°21	1°54	1°48	16°43	5°44	15°54	1°29	29°46	3° 5	n.a.	S 14
M15	15 21 48	21° 3'04	9♉ 2	14°54	11°15	14°57	1°50	1°56	16°41	5°44	15°55	1°23	29°43	3°11	n.a.	M15
T 16	15 25 44	22° 0'17	20°54	16° 8	12°29	15°34	1°45	2° 4	16°38	5°44	15°57	1°16	29°40	3°18	n.a.	T 16
W17	15 29 41	22°57'29	2♊51	17°19	13°42	16°11	1°41	2°11	16°36	5°44	15°58	1° 7	29°36	3°25	n.a.	W17
T 18	15 33 37	23°54'41	14°55	18°27	14°56	16°47	1°37	2°19	16°33	5°44	15°59	0°57	29°33	3°31	n.a.	T 18
F 19	15 37 34	24°51'52	27° 8	19°32	16° 9	17°23	1°32	2°26	16°31	5°44	16° 0	0°47	29°30	3°38	n.a.	F 19
S 20	15 41 31	25°49'03	9♋30	20°34	17°23	17°59	1°27	2°34	16°29	5°D44	16° 1	0°39	29°27	3°45	n.a.	S 20
S 21	15 45 27	26°46'13	22° 4	21°32	18°36	18°35	1°22	2°41	16°26	5°44	16° 3	0°32	29°24	3°51	n.a.	S 21
M22	15 49 24	27°43'22	4♌51	22°27	19°50	19°11	1°17	2°48	16°24	5°44	16° 4	0°27	29°20	3°58	n.a.	M22
T 23	15 53 20	28°40'31	17°55	23°18	21° 3	19°46	1°12	2°56	16°21	5°44	16° 5	0°25	29°17	4° 5	n.a.	T 23
W24	15 57 17	29°37'39	1♍18	24° 6	22°17	20°22	1° 6	3° 3	16°19	5°44	16° 7	0°D25	29°14	4°11	n.a.	W24
T 25	16 1 13	0♊34'47	15° 1	24°49	23°30	20°57	1° 1	3°10	16°17	5°44	16° 8	0°25	29°11	4°18	n.a.	T 25
F 26	16 5 10	1°31'54	29° 7	25°29	24°44	21°32	0°55	3°18	16°14	5°45	16° 9	0°R26	29° 8	4°25	n.a.	F 26
S 27	16 9 6	2°29'00	13♎34	26° 5	25°57	22° 6	0°49	3°25	16°12	5°45	16°11	0°25	29° 5	4°31	n.a.	S 27
S 28	16 13 3	3°26'06	28°21	26°37	27°11	22°41	0°43	3°32	16°10	5°45	16°12	0°22	29° 1	4°38	n.a.	S 28
M29	16 17 0	4°23'11	13♏22	27° 5	28°24	23°15	0°37	3°39	16° 7	5°45	16°13	0°17	28°58	4°45	n.a.	M29
T 30	16 20 56	5°20'17	28°29	27°29	29°38	23°49	0°31	3°46	16° 5	5°46	16°15	0°10	28°55	4°51	n.a.	T 30
W31	16 24 53	6♊17'22	13♐32	27♊48	0♊51	24♒23	0♑25	3♉54	16♏ 3	5♍46	16♋16	0♎ 1	28♍52	4♉58	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	14n13	10s37	2n50	20n29	1n56	8n22	1s11	20s52	2s 0	23s46	0s 6	9n40	2s 7	16s56	0n14	10n51	1n29	29n53	7n10	0s47	0s11	9n40			n.a.
T 2	14 32	14 13	3 52	21 3	2 1	8 50	1 9	20 44	2 2	23 46	0 6	9 43	2 7	16 56	0 14	10 51	1 29	29 52	7 10	0 45	0 10	9 42			n.a.
W 3	14 51	16 50	4 38	21 34	2 5	9 19	1 7	20 36	2 4	23 46	0 6	9 45	2 7	16 55	0 14	10 51	1 29	29 52	7 10	0 43	0 8	9 43			n.a.
T 4	15 9	18 15	5 4	22 2	2 8	9 47	1 6	20 28	2 6	23 47	0 6	9 48	2 7	16 54	0 14	10 51	1 29	29 52	7 10	0 41	0 7	9 45			n.a.
F 5	15 27	18 27	5 10	22 29	2 11	10 15	1 4	20 20	2 8	23 47	0 6	9 51	2 7	16 53	0 14	10 51	1 29	29 52	7 10	0 39	0 6	9 46			n.a.
S 6	15 45	17 31	4 58	22 52	2 13	10 43	1 2	20 12	2 10	23 47	0 7	9 54	2 7	16 53	0 14	10 52	1 29	29 51	7 9	0 37	0 5	9 48			n.a.
S 7	16 2	15 37	4 29	23 14	2 14	11 10	1 0	20 3	2 12	23 47	0 7	9 56	2 7	16 52	0 14	10 52	1 29	29 51	7 9	0 36	0 3	9 50			n.a.
M 8	16 19	12 58	3 47	23 33	2 15	11 37	0 58	19 55	2 14	23 47	0 7	9 59	2 7	16 51	0 14	10 52	1 28	29 51	7 9	0 36	0 2	9 51			n.a.
T 9	16 36	9 47	2 55	23 49	2 14	12 4	0 57	19 46	2 16	23 48	0 7	10 2	2 7	16 51	0 14	10 52	1 28	29 51	7 9	0 36	0 1	9 53			n.a.
W10	16 53	6 15	1 56	24 4	2 13	12 31	0 55	19 38	2 18	23 48	0 7	10 4	2 7	16 50	0 14	10 52	1 28	29 51	7 9	0 37	0n 1	9 54			n.a.
T 11	17 10	2 30	0 53	24 16	2 11	12 57	0 53	19 29	2 20	23 48	0 7	10 7	2 7	16 49	0 14	10 52	1 28	29 50	7 9	0 37	0 2	9 56			n.a.
F 12	17 26	1n17	0s11	24 27	2 9	13 23	0 51	19 20	2 23	23 48	0 8	10 10	2 7	16 49	0 14	10 52	1 28	29 50	7 9	0 37	0 3	9 58			n.a.
S 13	17 42	5 0	1 14	24 35	2 5	13 49	0 49	19 11	2 25	23 49	0 8	10 12	2 7	16 48	0 14	10 52	1 28	29 50	7 9	0 37	0 4	9 59			n.a.
S 14	17 57	8 31	2 14	24 41	2 1	14 15	0 47	19 3	2 27	23 49	0 8	10 15	2 7	16 47	0 14	10 52	1 28	29 50	7 9	0 36	0 6	10 1			n.a.
M15	18 13	11 41	3 8	24 46	1 57	14 40	0 44	18 54	2 29	23 49	0 8	10 17	2 7	16 46	0 14	10 52	1 28	29 49	7 9	0 33	0 7	10 2			n.a.
T 16	18 28	14 25	3 54	24 48	1 51	15 5	0 42	18 45	2 31	23 49	0 8	10 20	2 7	16 46	0 14	10 52	1 28	29 49	7 8	0 30	0 8	10 4			n.a.
W17	18 43	16 32	4 30	24 50	1 45	15 29	0 40	18 36	2 33	23 49	0 8	10 23	2 7	16 45	0 14	10 52	1 28	29 49	7 8	0 27	0 10	10 5			n.a.
T 18	18 57	17 58	4 54	24 49	1 38	15 53	0 38	18 27	2 36	23 50	0 9	10 25	2 7	16 44	0 14	10 52	1 28	29 49	7 8	0 23	0 11	10 7			n.a.
F 19	19 11	18 35	5 5	24 47	1 30	16 17	0 36	18 17	2 38	23 50	0 9	10 28	2 7	16 44	0 14	10 52	1 28	29 48	7 8	0 19	0 12	10 9			n.a.
S 20	19 25	18 20	5 2	24 43	1 22	16 40	0 34	18 8	2 40	23 50	0 9	10 30	2 7	16 43	0 14	10 52	1 28	29 48	7 8	0 16	0 13	10 10			n.a.
S 21	19 39	17 11	4 45	24 38	1 13	17 3	0 31	17 59	2 42	23 50	0 9	10 33	2 7	16 42	0 14	10 52	1 28	29 48	7 8	0 13	0 15	10 12			n.a.
M22	19 52	15 10	4 13	24 32	1 3	17 25	0 29	17 50	2 45	23 51	0 9	10 35	2 7	16 42	0 14	10 52	1 28	29 48	7 8	0 11	0 16	10 13			n.a.
T 23	20 5	12 20	3 27	24 24	0 53	17 47	0 27	17 41	2 47	23 51	0 9	10 38	2 7	16 41	0 14	10 52	1 28	29 48	7 8	0 10	0 17	10 15			n.a.
W24	20 17	8 48	2 29	24 16	0 42	18 9	0 24	17 31	2 49	23 51	0 10	10 40	2 7	16 40	0 14	10 52	1 28	29 47	7 8	0 10	0 18	10 16			n.a.
T 25	20 29	4 43	1 22	24 6	0 31	18 30	0 22	17 22	2 51	23 51	0 10	10 43	2 7	16 40	0 14	10 52	1 28	29 47	7 8	0 10	0 20	10 18			n.a.
F 26	20 41	0 15	0 7	23 55	0 18	18 50	0 20	17 13	2 54	23 51	0 10	10 45	2 7	16 39	0 14	10 52	1 28	29 47	7 8	0 10	0 21	10 20			n.a.
S 27	20 53	4s21	1n10	23 44	0 6	19 10	0 17	17 4	2 56	23 52	0 10	10 47	2 7	16 38	0 14	10 52	1 28	29 47	7 8	0 10	0 22	10 21			n.a.
S 28	21 4	8 46	2 23	23 31	0s 8	19 30	0 15	16 54	2 58	23 52	0 10	10 50	2 8	16 38	0 14	10 51	1 28	29 46	7 8	0 9	0 24	10 23			n.a.
M29	21 15	12 43	3 28	23 18	0 21	19 49	0 13	16 45	3 0	23 52	0 10	10 52	2 8	16 37	0 14	10 51	1 28	29 46	7 8	0 7	0 25	10 24			n.a.
T 30	21 25	15 50	4 19	23 5	0 36	20 7	0 10	16 36	3 3	23 52	0 11	10 55	2 8	16 36	0 14	10 51	1 28	29 46	7 7	0 4	0 26	10 26			n.a.
W31	21n35	17s51	4n51	22n50	0s50	20n25	0s 8	16s26	3s 5	23s52	0s11	10n57	2s 8	16s36	0n14	10n51	1n28	29n46	7n 7	0s 0	0n27	10n27			n.a.

Julian Day Number = 1709490.5, Delta T = 03h01m28s
Ecliptic obliquity = 23°41'47, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°30'49, Lahiri = - 4°23'49 Julian Calendar 1 May 33 BCE == Greg. Calendar 29 Apr. 033 BCE

The year -32 astronomical counting style corresponds to year 033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 33 BCE
geocentric

JUNE 33 BCE (-32) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 28 49	7♊14'27	28♐21	28♊ 2	2♊ 5	24♒56	0°R18	4♉ 1	16°R 0	5♍46	16♋18	29°R51	28♍49	5♉ 5	n.a.	T 1
F 2	16 32 46	8°11'33	12♑48	28°12	3°19	25°30	0♑12	4° 8	15♏58	5°47	16°19	29♍42	28°46	5°11	n.a.	F 2
S 3	16 36 42	9° 8'38	26°49	28°17	4°32	26° 3	0° 5	4°15	15°56	5°47	16°21	29°34	28°42	5°18	n.a.	S 3
S 4	16 40 39	10° 5'44	10♒20	28°R18	5°46	26°35	29♐58	4°21	15°54	5°48	16°22	29°28	28°39	5°25	n.a.	S 4
M 5	16 44 35	11° 2'50	23°24	28°14	7° 0	27° 8	29°51	4°28	15°52	5°48	16°24	29°25	28°36	5°31	n.a.	M 5
T 6	16 48 32	11°59'57	6♓ 2	28° 5	8°13	27°40	29°44	4°35	15°50	5°49	16°25	29°24	28°33	5°38	n.a.	T 6
W 7	16 52 29	12°57'03	18°21	27°52	9°27	28°12	29°37	4°42	15°47	5°49	16°27	29°D24	28°30	5°45	n.a.	W 7
T 8	16 56 25	13°54'10	0♈24	27°35	10°41	28°44	29°30	4°49	15°45	5°50	16°28	29°R24	28°26	5°51	n.a.	T 8
F 9	17 0 22	14°51'18	12°17	27°13	11°54	29°15	29°23	4°55	15°43	5°51	16°30	29°23	28°23	5°58	n.a.	F 9
S 10	17 4 18	15°48'26	24° 5	26°48	13° 8	29°46	29°16	5° 2	15°41	5°51	16°32	29°21	28°20	6° 5	n.a.	S 10
S 11	17 8 15	16°45'35	5♉53	26°19	14°22	0♓17	29° 8	5° 8	15°39	5°52	16°33	29°16	28°17	6°12	n.a.	S 11
M12	17 12 11	17°42'44	17°44	25°47	15°36	0°48	29° 1	5°15	15°37	5°53	16°35	29° 8	28°14	6°18	n.a.	M12
T 13	17 16 8	18°39'54	29°42	25°12	16°49	1°18	28°54	5°21	15°35	5°53	16°36	28°58	28°11	6°25	n.a.	T 13
W14	17 20 4	19°37'04	11♊48	24°35	18° 3	1°47	28°46	5°28	15°33	5°54	16°38	28°46	28° 7	6°32	n.a.	W14
T 15	17 24 1	20°34'14	24° 4	23°56	19°17	2°17	28°38	5°34	15°32	5°55	16°40	28°33	28° 4	6°38	n.a.	T 15
F 16	17 27 58	21°31'25	6♋30	23°17	20°31	2°46	28°31	5°41	15°30	5°56	16°41	28°20	28° 1	6°45	n.a.	F 16
S 17	17 31 54	22°28'37	19° 7	22°37	21°45	3°15	28°23	5°47	15°28	5°57	16°43	28° 8	27°58	6°52	n.a.	S 17
S 18	17 35 51	23°25'48	1♌56	21°57	22°58	3°43	28°16	5°53	15°26	5°58	16°45	27°58	27°55	6°58	n.a.	S 18
M19	17 39 47	24°23'00	14°56	21°19	24°12	4°11	28° 8	5°59	15°24	5°59	16°46	27°51	27°52	7° 5	n.a.	M19
T 20	17 43 44	25°20'13	28° 8	20°43	25°26	4°38	28° 0	6° 5	15°23	6° 0	16°48	27°47	27°48	7°12	n.a.	T 20
W21	17 47 40	26°17'26	11♍35	20° 9	26°40	5° 5	27°52	6°11	15°21	6° 1	16°50	27°46	27°45	7°18	n.a.	W21
T 22	17 51 37	27°14'39	25°16	19°38	27°54	5°32	27°45	6°17	15°19	6° 2	16°52	27°45	27°42	7°25	n.a.	T 22
F 23	17 55 34	28°11'52	9♎13	19°11	29° 8	5°58	27°37	6°23	15°18	6° 3	16°53	27°45	27°39	7°32	n.a.	F 23
S 24	17 59 30	29° 9'06	23°27	18°48	0♋22	6°24	27°29	6°29	15°16	6° 4	16°55	27°44	27°36	7°38	n.a.	S 24
S 25	18 3 27	0♋ 6'20	7♏56	18°30	1°36	6°50	27°21	6°35	15°15	6° 5	16°57	27°41	27°32	7°45	n.a.	S 25
M26	18 7 23	1° 3'35	22°37	18°16	2°50	7°15	27°14	6°40	15°13	6° 6	16°59	27°35	27°29	7°52	n.a.	M26
T 27	18 11 20	2° 0'50	7♐24	18° 8	4° 3	7°39	27° 6	6°46	15°12	6° 7	17° 0	27°26	27°26	7°58	n.a.	T 27
W28	18 15 16	2°58'06	22° 9	18°D 6	5°17	8° 3	26°58	6°51	15°10	6° 8	17° 2	27°16	27°23	8° 5	n.a.	W28
T 29	18 19 13	3°55'23	6♑44	18°10	6°31	8°27	26°51	6°57	15° 9	6°10	17° 4	27° 5	27°20	8°12	n.a.	T 29
F 30	18 23 9	4♋52'41	21♑ 3	18♊20	7♋45	8♓50	26♐43	7♉ 2	15♏ 8	6♍11	17♋ 6	26♍54	27♍17	8♉18	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21n45	18s38	5n 3	22n35	1s 5	20n43	0s 6	16s17	3s 7	23s53	0s11	10n59	2s 8	16s35	0n14	10n51	1n28	29n45	7n 7	0n 4	0n29	10n29			n.a.
F 2	21 55	18 10	4 55	22 20	1 21	21 0	0 3	16 8	3 10	23 53	0 11	11 2	2 8	16 34	0 14	10 51	1 27	29 45	7 7	0 7	0 30	10 31			n.a.
S 3	22 4	16 36	4 30	22 5	1 36	21 16	0 1	15 59	3 12	23 53	0 11	11 4	2 8	16 34	0 14	10 50	1 27	29 45	7 7	0 10	0 31	10 32			n.a.
S 4	22 12	14 9	3 50	21 49	1 52	21 31	0n 2	15 50	3 15	23 53	0 11	11 6	2 8	16 33	0 14	10 50	1 27	29 45	7 7	0 13	0 32	10 34			n.a.
M 5	22 20	11 3	2 59	21 33	2 8	21 47	0 4	15 41	3 17	23 53	0 12	11 8	2 8	16 32	0 14	10 50	1 27	29 44	7 7	0 14	0 34	10 35			n.a.
T 6	22 28	7 31	2 1	21 18	2 23	22 1	0 6	15 31	3 19	23 54	0 12	11 11	2 8	16 32	0 14	10 50	1 27	29 44	7 7	0 15	0 35	10 37			n.a.
W 7	22 36	3 46	0 58	21 2	2 39	22 15	0 9	15 22	3 22	23 54	0 12	11 13	2 8	16 31	0 14	10 49	1 27	29 44	7 7	0 15	0 36	10 38			n.a.
T 8	22 43	0n 5	0s 5	20 47	2 54	22 28	0 11	15 13	3 24	23 54	0 12	11 15	2 8	16 31	0 14	10 49	1 27	29 44	7 7	0 14	0 38	10 40			n.a.
F 9	22 50	3 52	1 8	20 31	3 9	22 41	0 13	15 5	3 27	23 54	0 12	11 17	2 9	16 30	0 14	10 49	1 27	29 43	7 7	0 15	0 39	10 41			n.a.
S 10	22 56	7 28	2 7	20 17	3 23	22 53	0 16	14 56	3 29	23 54	0 12	11 19	2 9	16 29	0 14	10 49	1 27	29 43	7 7	0 16	0 40	10 43			n.a.
S 11	23 2	10 47	3 1	20 3	3 36	23 4	0 18	14 47	3 31	23 54	0 13	11 21	2 9	16 29	0 14	10 48	1 27	29 43	7 7	0 18	0 41	10 44			n.a.
M12	23 7	13 41	3 47	19 49	3 49	23 15	0 20	14 38	3 34	23 54	0 13	11 23	2 9	16 28	0 14	10 48	1 27	29 43	7 7	0 21	0 43	10 46			n.a.
T 13	23 12	16 1	4 23	19 37	4 0	23 25	0 23	14 30	3 36	23 54	0 13	11 25	2 9	16 28	0 14	10 48	1 27	29 43	7 7	0 25	0 44	10 48			n.a.
W14	23 17	17 42	4 48	19 25	4 10	23 34	0 25	14 21	3 39	23 55	0 13	11 27	2 9	16 27	0 14	10 47	1 27	29 42	7 7	0 30	0 45	10 49			n.a.
T 15	23 21	18 35	4 59	19 14	4 19	23 43	0 27	14 13	3 41	23 55	0 13	11 29	2 9	16 27	0 14	10 47	1 27	29 42	7 7	0 35	0 47	10 51			n.a.
F 16	23 25	18 35	4 57	19 5	4 27	23 51	0 29	14 4	3 44	23 55	0 13	11 31	2 9	16 26	0 14	10 47	1 27	29 42	7 7	0 40	0 48	10 52			n.a.
S 17	23 29	17 41	4 41	18 57	4 33	23 58	0 32	13 56	3 46	23 55	0 14	11 33	2 9	16 26	0 14	10 46	1 27	29 42	7 7	0 45	0 49	10 54			n.a.
S 18	23 32	15 53	4 10	18 50	4 37	24 4	0 34	13 48	3 49	23 55	0 14	11 35	2 10	16 25	0 14	10 46	1 27	29 41	7 7	0 49	0 50	10 55			n.a.
M19	23 35	13 15	3 26	18 45	4 40	24 10	0 36	13 40	3 51	23 55	0 14	11 37	2 10	16 25	0 14	10 46	1 27	29 41	7 7	0 52	0 52	10 57			n.a.
T 20	23 37	9 54	2 30	18 42	4 41	24 15	0 38	13 32	3 54	23 55	0 14	11 39	2 10	16 24	0 14	10 45	1 27	29 41	7 7	0 53	0 53	10 58			n.a.
W21	23 39	6 0	1 24	18 40	4 40	24 19	0 40	13 24	3 56	23 55	0 14	11 41	2 10	16 24	0 14	10 45	1 27	29 41	7 7	0 54	0 54	11 0			n.a.
T 22	23 40	1 42	0 13	18 40	4 38	24 23	0 42	13 16	3 59	23 55	0 14	11 43	2 10	16 23	0 14	10 44	1 27	29 40	7 7	0 54	0 55	11 1			n.a.
F 23	23 41	2s46	1n 0	18 41	4 35	24 26	0 44	13 9	4 1	23 55	0 15	11 45	2 10	16 23	0 14	10 44	1 27	29 40	7 7	0 54	0 57	11 3			n.a.
S 24	23 42	7 10	2 11	18 45	4 29	24 28	0 46	13 1	4 4	23 55	0 15	11 47	2 10	16 22	0 14	10 43	1 27	29 40	7 7	0 55	0 58	11 4			n.a.
S 25	23 42	11 14	3 15	18 50	4 23	24 30	0 48	12 54	4 6	23 55	0 15	11 48	2 10	16 22	0 14	10 43	1 27	29 40	7 7	0 56	0 59	11 6			n.a.
M26	23 42	14 38	4 7	18 57	4 15	24 30	0 50	12 47	4 9	23 55	0 15	11 50	2 11	16 22	0 14	10 42	1 27	29 40	7 7	0 58	1 1	11 7			n.a.
T 27	23 41	17 8	4 43	19 5	4 6	24 30	0 52	12 40	4 11	23 55	0 15	11 52	2 11	16 21	0 14	10 42	1 27	29 39	7 7	1 2	1 2	11 9			n.a.
W28	23 40	18 29	5 0	19 15	3 55	24 29	0 54	12 33	4 14	23 55	0 15	11 53	2 11	16 21	0 14	10 42	1 26	29 39	7 7	1 6	1 3	11 10			n.a.
T 29	23 38	18 35	4 57	19 27	3 44	24 28	0 56	12 27	4 16	23 55	0 15	11 55	2 11	16 20	0 14	10 41	1 26	29 39	7 7	1 10	1 4	11 12			n.a.
F 30	23n36	17s30	4n35	19n40	3s32	24n26	0n58	12s20	4s19	23s55	0s16	11n57	2s11	16s20	0n14	10n41	1n26	29n39	7n 7	1n15	1n 6	11n13			n.a.

Julian Day Number = 1709521.5, Delta T = 03h01m27s
Ecliptic obliquity = 23°41'46, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°30'45, Lahiri = - 4°23'45 Julian Calendar 1 June 33 BCE == Greg. Calendar 30 May 033 BCE

The year -32 astronomical counting style corresponds to year 033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 33 BCE
geocentric

JULY 33 BCE (-32) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 27 6	5♋50'00	4♒58	18♊36	8♋59	9♓13	26°R35	7♉ 8	15°R 7	6♍12	17♋ 7	26°R45	27♍13	8♉25	n.a.	S 1
S 2	18 31 3	6°47'20	18°28	18°58	10°13	9°35	26♐28	7°13	15♏ 5	6°14	17° 9	26♍38	27°10	8°32	n.a.	S 2
M 3	18 34 59	7°44'41	1♓32	19°27	11°27	9°56	26°20	7°18	15° 4	6°15	17°11	26°33	27° 7	8°38	n.a.	M 3
T 4	18 38 56	8°42'03	14°12	20° 2	12°41	10°17	26°13	7°23	15° 3	6°16	17°13	26°31	27° 4	8°45	n.a.	T 4
W 5	18 42 52	9°39'26	26°32	20°43	13°56	10°38	26° 6	7°28	15° 2	6°18	17°15	26°D31	27° 1	8°52	n.a.	W 5
T 6	18 46 49	10°36'51	8♈36	21°30	15°10	10°57	25°58	7°33	15° 1	6°19	17°16	26°R31	26°58	8°58	n.a.	T 6
F 7	18 50 45	11°34'17	20°31	22°23	16°24	11°17	25°51	7°38	15° 0	6°20	17°18	26°31	26°54	9° 5	n.a.	F 7
S 8	18 54 42	12°31'45	2♉20	23°23	17°38	11°35	25°44	7°43	14°59	6°22	17°20	26°29	26°51	9°12	n.a.	S 8
S 9	18 58 38	13°29'14	14°10	24°28	18°52	11°53	25°37	7°48	14°58	6°23	17°22	26°25	26°48	9°19	n.a.	S 9
M10	19 2 35	14°26'44	26° 5	25°39	20° 6	12°11	25°30	7°52	14°57	6°25	17°24	26°19	26°45	9°25	n.a.	M10
T 11	19 6 32	15°24'16	8♊ 9	26°55	21°20	12°28	25°23	7°57	14°56	6°26	17°25	26°10	26°42	9°32	n.a.	T 11
W12	19 10 28	16°21'49	20°24	28°17	22°34	12°44	25°16	8° 1	14°56	6°28	17°27	25°59	26°38	9°39	n.a.	W12
T 13	19 14 25	17°19'24	2♋53	29°44	23°48	12°59	25°10	8° 6	14°55	6°30	17°29	25°47	26°35	9°45	n.a.	T 13
F 14	19 18 21	18°17'00	15°35	1♋15	25° 3	13°14	25° 3	8°10	14°54	6°31	17°31	25°36	26°32	9°52	n.a.	F 14
S 15	19 22 18	19°14'37	28°31	2°51	26°17	13°28	24°57	8°14	14°54	6°33	17°33	25°25	26°29	9°59	n.a.	S 15
S 16	19 26 14	20°12'16	11♌39	4°31	27°31	13°41	24°50	8°18	14°53	6°35	17°35	25°16	26°26	10° 5	n.a.	S 16
M17	19 30 11	21° 9'56	25° 0	6°15	28°45	13°54	24°44	8°22	14°52	6°36	17°36	25°10	26°23	10°12	n.a.	M17
T 18	19 34 7	22° 7'37	8♍31	8° 2	29°59	14° 6	24°38	8°26	14°52	6°38	17°38	25° 7	26°19	10°19	n.a.	T 18
W19	19 38 4	23° 5'19	22°11	9°52	1♌14	14°17	24°32	8°30	14°52	6°40	17°40	25°D 6	26°16	10°25	n.a.	W19
T 20	19 42 1	24° 3'03	6♎ 1	11°45	2°28	14°27	24°26	8°34	14°51	6°41	17°42	25° 6	26°13	10°32	n.a.	T 20
F 21	19 45 57	25° 0'47	20° 0	13°40	3°42	14°37	24°20	8°37	14°51	6°43	17°44	25°R 6	26°10	10°39	n.a.	F 21
S 22	19 49 54	25°58'33	4♏ 8	15°36	4°56	14°46	24°15	8°41	14°51	6°45	17°45	25° 6	26° 7	10°45	n.a.	S 22
S 23	19 53 50	26°56'20	18°23	17°34	6°11	14°54	24° 9	8°45	14°50	6°47	17°47	25° 4	26° 3	10°52	n.a.	S 23
M24	19 57 47	27°54'09	2♐43	19°33	7°25	15° 1	24° 4	8°48	14°50	6°49	17°49	25° 0	26° 0	10°59	n.a.	M24
T 25	20 1 43	28°51'58	17° 6	21°32	8°39	15° 8	23°59	8°51	14°50	6°50	17°51	24°54	25°57	11° 5	n.a.	T 25
W26	20 5 40	29°49'49	1♑25	23°32	9°54	15°13	23°54	8°54	14°50	6°52	17°53	24°46	25°54	11°12	n.a.	W26
T 27	20 9 36	0♌47'42	15°36	25°32	11° 8	15°18	23°49	8°58	14°D50	6°54	17°54	24°37	25°51	11°19	n.a.	T 27
F 28	20 13 33	1°45'36	29°33	27°32	12°22	15°22	23°45	9° 1	14°50	6°56	17°56	24°29	25°48	11°26	n.a.	F 28
S 29	20 17 30	2°43'32	13♒13	29°31	13°36	15°25	23°40	9° 4	14°50	6°58	17°58	24°22	25°44	11°32	n.a.	S 29
S 30	20 21 26	3°41'30	26°32	1♌30	14°51	15°28	23°36	9° 6	14°50	7° 0	18° 0	24°16	25°41	11°39	n.a.	S 30
M31	20 25 23	4♌39'29	9♓29	3♌28	16♌ 5	15♓29	23♐32	9♉ 9	14♏50	7♍ 2	18♋ 2	24♍13	25♍38	11♉46	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n34	15s24	3n57	19n54	3s19	24n22	0n59	12s14	4s21	23s55	0s16	11n58	2s11	16s20	0n13	10n40	1n26	29n39	7n 7	1n18	1n 7	11n15		n.a.
S 2	23 31	12 29	3 7	20 9	3 5	24 19	1 1	12 8	4 24	23 55	0 16	12 0	2 11	16 19	0 13	10 40	1 26	29 38	7 7	1 21	1 8	11 16		n.a.
M 3	23 28	9 3	2 8	20 26	2 51	24 14	1 3	12 2	4 26	23 55	0 16	12 1	2 12	16 19	0 13	10 39	1 26	29 38	7 7	1 23	1 9	11 18		n.a.
T 4	23 24	5 17	1 5	20 43	2 37	24 9	1 4	11 56	4 29	23 55	0 16	12 3	2 12	16 19	0 13	10 38	1 26	29 38	7 7	1 24	1 11	11 19		n.a.
W 5	23 20	1 24	0s 0	21 0	2 22	24 3	1 6	11 50	4 32	23 55	0 16	12 4	2 12	16 18	0 13	10 38	1 26	29 38	7 7	1 24	1 12	11 21		n.a.
T 6	23 16	2n28	1 4	21 19	2 7	23 56	1 7	11 45	4 34	23 55	0 16	12 6	2 12	16 18	0 13	10 37	1 26	29 38	7 7	1 24	1 13	11 22		n.a.
F 7	23 11	6 11	2 4	21 37	1 52	23 49	1 9	11 40	4 37	23 54	0 17	12 7	2 12	16 18	0 13	10 37	1 26	29 37	7 7	1 24	1 15	11 24		n.a.
S 8	23 6	9 38	2 58	21 55	1 36	23 41	1 10	11 35	4 39	23 54	0 17	12 9	2 12	16 18	0 13	10 36	1 26	29 37	7 7	1 25	1 16	11 25		n.a.
S 9	23 0	12 41	3 45	22 13	1 21	23 32	1 12	11 30	4 41	23 54	0 17	12 10	2 13	16 17	0 13	10 36	1 26	29 37	7 7	1 26	1 17	11 27		n.a.
M10	22 54	15 15	4 22	22 31	1 6	23 22	1 13	11 26	4 44	23 54	0 17	12 11	2 13	16 17	0 13	10 35	1 26	29 37	7 8	1 29	1 18	11 28		n.a.
T 11	22 48	17 10	4 48	22 48	0 52	23 12	1 14	11 21	4 46	23 54	0 17	12 13	2 13	16 17	0 13	10 34	1 26	29 37	7 8	1 32	1 20	11 30		n.a.
W12	22 41	18 21	5 1	23 4	0 37	23 1	1 15	11 17	4 49	23 54	0 17	12 14	2 13	16 17	0 13	10 34	1 26	29 36	7 8	1 37	1 21	11 31		n.a.
T 13	22 34	18 40	5 0	23 19	0 23	22 50	1 16	11 14	4 51	23 54	0 17	12 15	2 13	16 16	0 13	10 33	1 26	29 36	7 8	1 41	1 22	11 33		n.a.
F 14	22 26	18 4	4 44	23 32	0 10	22 37	1 18	11 10	4 54	23 54	0 18	12 17	2 13	16 16	0 13	10 33	1 26	29 36	7 8	1 46	1 24	11 34		n.a.
S 15	22 18	16 32	4 14	23 43	0n 3	22 24	1 19	11 7	4 56	23 54	0 18	12 18	2 14	16 16	0 13	10 32	1 26	29 36	7 8	1 50	1 25	11 36		n.a.
S 16	22 9	14 7	3 30	23 53	0 16	22 11	1 20	11 4	4 58	23 53	0 18	12 19	2 14	16 16	0 13	10 31	1 26	29 36	7 8	1 54	1 26	11 37		n.a.
M17	22 1	10 55	2 33	24 0	0 28	21 56	1 20	11 1	5 1	23 53	0 18	12 20	2 14	16 16	0 13	10 31	1 26	29 35	7 8	1 56	1 27	11 39		n.a.
T 18	21 51	7 7	1 27	24 6	0 39	21 42	1 21	10 58	5 3	23 53	0 18	12 21	2 14	16 16	0 13	10 30	1 26	29 35	7 8	1 58	1 29	11 40		n.a.
W19	21 42	2 54	0 16	24 8	0 49	21 26	1 22	10 56	5 5	23 53	0 18	12 22	2 14	16 16	0 13	10 29	1 26	29 35	7 8	1 58	1 30	11 42		n.a.
T 20	21 32	1s32	0n58	24 8	0 58	21 10	1 23	10 54	5 8	23 53	0 18	12 23	2 15	16 15	0 13	10 29	1 26	29 35	7 8	1 58	1 31	11 43		n.a.
F 21	21 21	5 55	2 9	24 6	1 7	20 53	1 23	10 52	5 10	23 53	0 18	12 24	2 15	16 15	0 13	10 28	1 26	29 35	7 8	1 58	1 32	11 45		n.a.
S 22	21 11	10 0	3 13	24 0	1 15	20 36	1 24	10 51	5 12	23 53	0 18	12 25	2 15	16 15	0 13	10 27	1 26	29 35	7 8	1 58	1 34	11 46		n.a.
S 23	21 0	13 33	4 6	23 52	1 21	20 18	1 25	10 50	5 14	23 53	0 19	12 26	2 15	16 15	0 13	10 27	1 26	29 35	7 9	1 59	1 35	11 48		n.a.
M24	20 48	16 18	4 43	23 42	1 28	19 59	1 25	10 49	5 16	23 52	0 19	12 27	2 15	16 15	0 13	10 26	1 26	29 34	7 9	2 0	1 36	11 49		n.a.
T 25	20 36	18 2	5 3	23 29	1 33	19 40	1 25	10 48	5 18	23 52	0 19	12 28	2 16	16 15	0 13	10 25	1 26	29 34	7 9	2 3	1 38	11 51		n.a.
W26	20 24	18 38	5 4	23 13	1 37	19 20	1 26	10 47	5 20	23 52	0 19	12 29	2 16	16 15	0 13	10 24	1 26	29 34	7 9	2 6	1 39	11 52		n.a.
T 27	20 12	18 3	4 46	22 54	1 41	19 0	1 26	10 47	5 22	23 52	0 19	12 30	2 16	16 15	0 13	10 24	1 26	29 34	7 9	2 9	1 40	11 54		n.a.
F 28	19 59	16 23	4 11	22 34	1 43	18 39	1 26	10 47	5 24	23 52	0 19	12 30	2 16	16 15	0 13	10 23	1 26	29 34	7 9	2 13	1 41	11 55		n.a.
S 29	19 46	13 48	3 22	22 11	1 45	18 18	1 26	10 48	5 26	23 52	0 19	12 31	2 16	16 15	0 13	10 22	1 26	29 34	7 9	2 16	1 43	11 57		n.a.
S 30	19 32	10 34	2 23	21 46	1 47	17 56	1 26	10 49	5 28	23 52	0 19	12 32	2 17	16 15	0 13	10 22	1 26	29 34	7 9	2 18	1 44	11 58		n.a.
M31	19n18	6s53	1n19	21n19	1n47	17n34	1n26	10s50	5s29	23s52	0s19	12n32	2s17	16s15	0n13	10n21	1n26	29n33	7n10	2n19	1n45	12n 0		n.a.

Julian Day Number = 1709551.5, Delta T = 03h01m26s
Ecliptic obliquity = 23°41'46, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°30'41, Lahiri = - 4°23'41 Julian Calendar 1 July 33 BCE == Greg. Calendar 29 June 033 BCE

The year -32 astronomical counting style corresponds to year 033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 33 BCE
geocentric

AUGUST 33 BCE (-32) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 29 19	5♌37'30	22♓ 6	5♌26	17♌19	15°R30	23°R28	9♉12	14♏51	7♍ 4	18♋ 3	24°D12	25♍35	11♉52	n.a.	T 1
W 2	20 33 16	6°35'33	4♈26	7°22	18°34	15♓29	23♐24	9°14	14°51	7° 6	18° 5	24♍13	25°32	11°59	n.a.	W 2
T 3	20 37 12	7°33'38	16°31	9°17	19°48	15°28	23°20	9°17	14°51	7° 8	18° 7	24°14	25°29	12° 6	n.a.	T 3
F 4	20 41 9	8°31'45	28°26	11°12	21° 2	15°26	23°17	9°19	14°52	7°10	18° 9	24°15	25°25	12°12	n.a.	F 4
S 5	20 45 5	9°29'54	10♉17	13° 5	22°17	15°23	23°13	9°21	14°52	7°12	18°10	24°R16	25°22	12°19	n.a.	S 5
S 6	20 49 2	10°28'06	22° 9	14°57	23°31	15°20	23°10	9°23	14°53	7°14	18°12	24°15	25°19	12°26	n.a.	S 6
M 7	20 52 59	11°26'19	4♊ 6	16°48	24°45	15°15	23° 7	9°25	14°53	7°16	18°14	24°12	25°16	12°32	n.a.	M 7
T 8	20 56 55	12°24'35	16°13	18°38	26° 0	15°10	23° 5	9°27	14°54	7°18	18°15	24° 8	25°13	12°39	n.a.	T 8
W 9	21 0 52	13°22'53	28°34	20°26	27°14	15° 3	23° 2	9°29	14°54	7°20	18°17	24° 2	25° 9	12°46	n.a.	W 9
T 10	21 4 48	14°21'12	11♋11	22°14	28°28	14°56	23° 0	9°31	14°55	7°22	18°19	23°55	25° 6	12°52	n.a.	T 10
F 11	21 8 45	15°19'34	24° 6	24° 0	29°43	14°48	22°57	9°32	14°56	7°24	18°20	23°49	25° 3	12°59	n.a.	F 11
S 12	21 12 41	16°17'58	7♌20	25°45	0♍57	14°39	22°56	9°34	14°57	7°26	18°22	23°43	25° 0	13° 6	n.a.	S 12
S 13	21 16 38	17°16'24	20°50	27°29	2°12	14°30	22°54	9°35	14°58	7°28	18°24	23°38	24°57	13°13	n.a.	S 13
M14	21 20 34	18°14'52	4♍34	29°12	3°26	14°19	22°52	9°36	14°59	7°30	18°25	23°34	24°54	13°19	n.a.	M14
T 15	21 24 31	19°13'22	18°31	0♍54	4°40	14° 8	22°51	9°37	14°59	7°33	18°27	23°D33	24°50	13°26	n.a.	T 15
W16	21 28 27	20°11'53	2♎35	2°35	5°55	13°56	22°49	9°38	15° 0	7°35	18°29	23°33	24°47	13°33	n.a.	W16
T 17	21 32 24	21°10'26	16°45	4°14	7° 9	13°43	22°48	9°39	15° 2	7°37	18°30	23°34	24°44	13°39	n.a.	T 17
F 18	21 36 21	22° 9'01	0♏58	5°53	8°24	13°30	22°48	9°40	15° 3	7°39	18°32	23°36	24°41	13°46	n.a.	F 18
S 19	21 40 17	23° 7'38	15°10	7°30	9°38	13°16	22°47	9°41	15° 4	7°41	18°33	23°37	24°38	13°53	n.a.	S 19
S 20	21 44 14	24° 6'17	29°21	9° 7	10°52	13° 2	22°46	9°41	15° 5	7°43	18°35	23°R37	24°35	13°59	n.a.	S 20
M21	21 48 10	25° 4'57	13♐28	10°42	12° 7	12°47	22°46	9°42	15° 6	7°46	18°36	23°36	24°31	14° 6	n.a.	M21
T 22	21 52 7	26° 3'39	27°30	12°17	13°21	12°31	22°D46	9°42	15° 8	7°48	18°38	23°34	24°28	14°13	n.a.	T 22
W23	21 56 3	27° 2'23	11♑23	13°50	14°35	12°15	22°46	9°42	15° 9	7°50	18°39	23°30	24°25	14°19	n.a.	W23
T 24	22 0 0	28° 1'09	25° 7	15°22	15°50	11°58	22°47	9°43	15°10	7°52	18°41	23°26	24°22	14°26	n.a.	T 24
F 25	22 3 56	28°59'56	8♒37	16°54	17° 4	11°41	22°47	9°R43	15°12	7°54	18°42	23°23	24°19	14°33	n.a.	F 25
S 26	22 7 53	29°58'46	21°53	18°24	18°19	11°24	22°48	9°43	15°13	7°57	18°44	23°19	24°15	14°39	n.a.	S 26
S 27	22 11 50	0♍57'38	4♓54	19°54	19°33	11° 6	22°49	9°42	15°15	7°59	18°45	23°17	24°12	14°46	n.a.	S 27
M28	22 15 46	1°56'31	17°38	21°22	20°47	10°48	22°50	9°42	15°17	8° 1	18°47	23°D16	24° 9	14°53	n.a.	M28
T 29	22 19 43	2°55'27	0♈ 7	22°50	22° 2	10°30	22°51	9°42	15°18	8° 3	18°48	23°16	24° 6	15° 0	n.a.	T 29
W30	22 23 39	3°54'25	12°21	24°16	23°16	10°12	22°53	9°41	15°20	8° 6	18°49	23°17	24° 3	15° 6	n.a.	W30
T 31	22 27 36	4♍53'26	24♈24	25♍42	24♍30	9♓53	22♐54	9♉41	15♏22	8♍ 8	18♋51	23♍19	24♍ 0	15♉13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	19n 4	2s59	0n11	20n51	1n47	17n11	1n26	10s51	5s31	23s52	0s20	12n33	2s17	16s16	0n13	10n20	1n26	29n33	7n10	2n20	1n46	12n 1			n.a.
W 2	18 49	0n56	0s55	20 20	1 46	16 47	1 26	10 52	5 32	23 51	0 20	12 34	2 17	16 16	0 13	10 19	1 26	29 33	7 10	2 19	1 48	12 2			n.a.
T 3	18 35	4 45	1 58	19 49	1 45	16 24	1 26	10 54	5 34	23 51	0 20	12 34	2 17	16 16	0 13	10 19	1 26	29 33	7 10	2 19	1 49	12 4			n.a.
F 4	18 19	8 19	2 55	19 15	1 43	16 0	1 26	10 56	5 35	23 51	0 20	12 35	2 18	16 16	0 13	10 18	1 26	29 33	7 10	2 18	1 50	12 5			n.a.
S 5	18 4	11 32	3 43	18 41	1 41	15 35	1 26	10 58	5 37	23 51	0 20	12 35	2 18	16 16	0 13	10 17	1 26	29 33	7 10	2 18	1 52	12 7			n.a.
S 6	17 48	14 16	4 23	18 5	1 38	15 10	1 25	11 1	5 38	23 51	0 20	12 36	2 18	16 16	0 13	10 16	1 26	29 33	7 10	2 19	1 53	12 8			n.a.
M 7	17 32	16 26	4 51	17 29	1 35	14 44	1 25	11 4	5 39	23 51	0 20	12 36	2 18	16 16	0 13	10 15	1 26	29 33	7 10	2 20	1 54	12 10			n.a.
T 8	17 16	17 53	5 7	16 51	1 31	14 18	1 24	11 7	5 40	23 51	0 20	12 37	2 18	16 17	0 13	10 15	1 26	29 33	7 11	2 21	1 55	12 11			n.a.
W 9	16 59	18 32	5 9	16 13	1 27	13 52	1 24	11 10	5 41	23 51	0 20	12 37	2 19	16 17	0 13	10 14	1 25	29 32	7 11	2 24	1 57	12 13			n.a.
T 10	16 42	18 18	4 56	15 33	1 23	13 26	1 23	11 14	5 41	23 51	0 20	12 37	2 19	16 17	0 13	10 13	1 25	29 32	7 11	2 26	1 58	12 14			n.a.
F 11	16 25	17 7	4 28	14 53	1 18	12 59	1 22	11 18	5 42	23 51	0 21	12 38	2 19	16 17	0 13	10 12	1 25	29 32	7 11	2 29	1 59	12 16			n.a.
S 12	16 7	15 1	3 45	14 13	1 13	12 31	1 21	11 21	5 43	23 51	0 21	12 38	2 19	16 18	0 13	10 11	1 25	29 32	7 11	2 31	2 0	12 17			n.a.
S 13	15 49	12 2	2 49	13 32	1 8	12 3	1 21	11 26	5 43	23 51	0 21	12 38	2 19	16 18	0 13	10 11	1 25	29 32	7 11	2 33	2 2	12 18			n.a.
M14	15 31	8 22	1 42	12 51	1 2	11 35	1 20	11 30	5 43	23 51	0 21	12 38	2 20	16 18	0 13	10 10	1 25	29 32	7 12	2 35	2 3	12 20			n.a.
T 15	15 13	4 10	0 28	12 9	0 56	11 7	1 19	11 34	5 43	23 51	0 21	12 38	2 20	16 18	0 13	10 9	1 25	29 32	7 12	2 35	2 4	12 21			n.a.
W16	14 54	0s17	0n49	11 27	0 50	10 39	1 18	11 39	5 43	23 51	0 21	12 39	2 20	16 19	0 13	10 8	1 25	29 32	7 12	2 35	2 6	12 23			n.a.
T 17	14 36	4 45	2 4	10 44	0 44	10 10	1 17	11 44	5 43	23 51	0 21	12 39	2 20	16 19	0 13	10 7	1 25	29 32	7 12	2 35	2 7	12 24			n.a.
F 18	14 17	8 57	3 11	10 2	0 38	9 40	1 15	11 49	5 43	23 51	0 21	12 39	2 20	16 19	0 13	10 7	1 25	29 32	7 12	2 34	2 8	12 26			n.a.
S 19	13 57	12 39	4 6	9 19	0 31	9 11	1 14	11 54	5 42	23 51	0 21	12 39	2 21	16 20	0 12	10 6	1 25	29 32	7 12	2 34	2 9	12 27			n.a.
S 20	13 38	15 34	4 46	8 37	0 24	8 41	1 13	11 59	5 42	23 51	0 21	12 39	2 21	16 20	0 12	10 5	1 25	29 32	7 13	2 34	2 11	12 28			n.a.
M21	13 18	17 33	5 9	7 54	0 17	8 11	1 12	12 4	5 41	23 51	0 21	12 39	2 21	16 21	0 12	10 4	1 25	29 32	7 13	2 34	2 12	12 30			n.a.
T 22	12 58	18 28	5 13	7 11	0 10	7 41	1 10	12 9	5 40	23 51	0 21	12 39	2 21	16 21	0 12	10 3	1 25	29 32	7 13	2 35	2 13	12 31			n.a.
W23	12 38	18 15	4 58	6 28	0 3	7 11	1 9	12 15	5 39	23 51	0 21	12 39	2 21	16 21	0 12	10 2	1 25	29 32	7 13	2 36	2 14	12 33			n.a.
T 24	12 17	16 58	4 27	5 45	0s 4	6 41	1 7	12 20	5 38	23 51	0 22	12 38	2 22	16 22	0 12	10 2	1 25	29 32	7 13	2 38	2 16	12 34			n.a.
F 25	11 57	14 44	3 41	5 3	0 12	6 10	1 6	12 25	5 36	23 51	0 22	12 38	2 22	16 22	0 12	10 1	1 25	29 32	7 14	2 39	2 17	12 36			n.a.
S 26	11 36	11 46	2 44	4 20	0 19	5 39	1 4	12 31	5 35	23 52	0 22	12 38	2 22	16 23	0 12	10 0	1 25	29 32	7 14	2 41	2 18	12 37			n.a.
S 27	11 15	8 16	1 40	3 38	0 27	5 8	1 2	12 36	5 33	23 52	0 22	12 38	2 22	16 23	0 12	9 59	1 25	29 32	7 14	2 42	2 20	12 38			n.a.
M28	10 54	4 28	0 31	2 56	0 34	4 37	1 1	12 41	5 31	23 52	0 22	12 37	2 23	16 24	0 12	9 58	1 25	29 32	7 14	2 42	2 21	12 40			n.a.
T 29	10 32	0 32	0s38	2 14	0 42	4 6	0 59	12 46	5 29	23 52	0 22	12 37	2 23	16 24	0 12	9 57	1 25	29 32	7 14	2 42	2 22	12 41			n.a.
W30	10 11	3n21	1 43	1 33	0 49	3 34	0 57	12 52	5 27	23 52	0 22	12 37	2 23	16 25	0 12	9 57	1 25	29 32	7 15	2 42	2 23	12 43			n.a.
T 31	9n49	7n 1	2s44	0n52	0s57	3n 3	0n55	12s57	5s25	23s52	0s22	12n36	2s23	16s25	0n12	9n56	1n25	29n32	7n15	2n41	2n25	12n44			n.a.

Julian Day Number = 1709582.5, Delta T = 03h01m25s
Ecliptic obliquity = 23°41'47, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°30'37, Lahiri = - 4°23'36 Julian Calendar 1 Aug. 33 BCE == Greg. Calendar 30 July 033 BCE

The year -32 astronomical counting style corresponds to year 033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 33 BCE
geocentric

SEPTEMBER 33 BCE (-32) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 31 32	5♍52'29	6♉19	27♍ 6	25♍45	9°R34	22♐56	9°R40	15♏23	8♍10	18♋52	23♍20	23♍56	15♉20	n.a.	F 1
S 2	22 35 29	6°51'34	18°10	28°29	26°59	9♓16	22°58	9♉39	15°25	8°12	18°53	23°21	23°53	15°26	n.a.	S 2
S 3	22 39 25	7°50'41	0♊ 2	29°51	28°13	8°57	23° 1	9°38	15°27	8°14	18°55	23°22	23°50	15°33	n.a.	S 3
M 4	22 43 22	8°49'51	11°59	1♎13	29°28	8°38	23° 3	9°37	15°29	8°17	18°56	23°R22	23°47	15°40	n.a.	M 4
T 5	22 47 18	9°49'04	24° 5	2°32	0♎42	8°20	23° 6	9°36	15°31	8°19	18°57	23°22	23°44	15°46	n.a.	T 5
W 6	22 51 15	10°48'19	6♋26	3°51	1°56	8° 1	23° 9	9°34	15°33	8°21	18°59	23°21	23°40	15°53	n.a.	W 6
T 7	22 55 12	11°47'36	19° 6	5° 8	3°11	7°43	23°12	9°33	15°35	8°23	19° 0	23°19	23°37	16° 0	n.a.	T 7
F 8	22 59 8	12°46'56	2♌ 6	6°24	4°25	7°25	23°15	9°32	15°37	8°26	19° 1	23°18	23°34	16° 6	n.a.	F 8
S 9	23 3 5	13°46'18	15°29	7°39	5°39	7° 7	23°18	9°30	15°39	8°28	19° 2	23°17	23°31	16°13	n.a.	S 9
S 10	23 7 1	14°45'42	29°14	8°52	6°54	6°50	23°22	9°28	15°42	8°30	19° 3	23°16	23°28	16°20	n.a.	S 10
M11	23 10 58	15°45'08	13♍19	10° 3	8° 8	6°33	23°26	9°26	15°44	8°32	19° 4	23°15	23°25	16°27	n.a.	M11
T 12	23 14 54	16°44'37	27°41	11°13	9°22	6°16	23°29	9°24	15°46	8°35	19° 6	23°D15	23°21	16°33	n.a.	T 12
W13	23 18 51	17°44'07	12♎14	12°20	10°36	6° 0	23°34	9°22	15°48	8°37	19° 7	23°15	23°18	16°40	n.a.	W13
T 14	23 22 47	18°43'40	26°51	13°26	11°51	5°45	23°38	9°20	15°51	8°39	19° 8	23°16	23°15	16°47	n.a.	T 14
F 15	23 26 44	19°43'14	11♏27	14°29	13° 5	5°30	23°42	9°18	15°53	8°41	19° 9	23°16	23°12	16°53	n.a.	F 15
S 16	23 30 41	20°42'51	25°57	15°30	14°19	5°15	23°47	9°16	15°56	8°43	19°10	23°16	23° 9	17° 0	n.a.	S 16
S 17	23 34 37	21°42'29	10♐16	16°28	15°34	5° 2	23°52	9°13	15°58	8°46	19°11	23°17	23° 6	17° 7	n.a.	S 17
M18	23 38 34	22°42'09	24°22	17°23	16°48	4°49	23°57	9°11	16° 1	8°48	19°12	23°17	23° 2	17°13	n.a.	M18
T 19	23 42 30	23°41'51	8♑12	18°15	18° 2	4°36	24° 2	9° 8	16° 3	8°50	19°13	23°17	22°59	17°20	n.a.	T 19
W20	23 46 27	24°41'35	21°48	19° 3	19°16	4°24	24° 7	9° 5	16° 6	8°52	19°14	23°17	22°56	17°27	n.a.	W20
T 21	23 50 23	25°41'21	5♒ 8	19°47	20°30	4°13	24°13	9° 3	16° 8	8°54	19°15	23°17	22°53	17°34	n.a.	T 21
F 22	23 54 20	26°41'08	18°14	20°27	21°45	4° 3	24°19	9° 0	16°11	8°56	19°15	23°17	22°50	17°40	n.a.	F 22
S 23	23 58 16	27°40'57	1♓ 6	21° 1	22°59	3°53	24°25	8°57	16°14	8°59	19°16	23°18	22°46	17°47	n.a.	S 23
S 24	0 2 13	28°40'48	13°45	21°31	24°13	3°45	24°31	8°54	16°16	9° 1	19°17	23°18	22°43	17°54	n.a.	S 24
M25	0 6 9	29°40'41	26°12	21°54	25°27	3°37	24°37	8°50	16°19	9° 3	19°18	23°R18	22°40	18° 0	n.a.	M25
T 26	0 10 6	0♎40'36	8♈29	22°12	26°41	3°29	24°43	8°47	16°22	9° 5	19°19	23°18	22°37	18° 7	n.a.	T 26
W27	0 14 3	1°40'33	20°35	22°22	27°55	3°23	24°50	8°44	16°25	9° 7	19°19	23°17	22°34	18°14	n.a.	W27
T 28	0 17 59	2°40'33	2♉34	22°R24	29° 9	3°17	24°56	8°40	16°28	9° 9	19°20	23°16	22°31	18°20	n.a.	T 28
F 29	0 21 56	3°40'34	14°28	22°18	0♏24	3°12	25° 3	8°37	16°31	9°11	19°21	23°14	22°27	18°27	n.a.	F 29
S 30	0 25 52	4♎40'38	26♉18	22♎ 3	1♏38	3♓ 8	25♐10	8♉33	16♏34	9♍13	19♋22	23♍13	22♍24	18♉34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9n27	10n22	3s36	0n11	1s 4	2n31	0n53	13s 2	5s22	23s52	0s22	12n36	2s23	16s26	0n12	9n55	1n25	29n32	7n15	2n40	2n26	12n45		n.a.
S 2	9 5	13 17	4 19	0s29	1 12	1 59	0 51	13 6	5 20	23 53	0 22	12 35	2 24	16 26	0 12	9 54	1 25	29 32	7 15	2 40	2 27	12 47		n.a.
S 3	8 43	15 38	4 51	1 9	1 19	1 28	0 49	13 11	5 17	23 53	0 22	12 35	2 24	16 27	0 12	9 53	1 25	29 32	7 16	2 40	2 28	12 48		n.a.
M 4	8 21	17 20	5 10	1 49	1 27	0 56	0 47	13 15	5 14	23 53	0 22	12 34	2 24	16 28	0 12	9 52	1 25	29 32	7 16	2 39	2 30	12 50		n.a.
T 5	7 58	18 18	5 17	2 28	1 34	0 24	0 45	13 20	5 11	23 53	0 22	12 34	2 24	16 28	0 12	9 52	1 25	29 32	7 16	2 40	2 31	12 51		n.a.
W 6	7 36	18 24	5 8	3 6	1 42	0s 8	0 42	13 24	5 8	23 53	0 22	12 33	2 24	16 29	0 12	9 51	1 25	29 32	7 16	2 40	2 32	12 52		n.a.
T 7	7 13	17 37	4 45	3 43	1 49	0 40	0 40	13 28	5 4	23 54	0 22	12 33	2 24	16 29	0 12	9 50	1 25	29 32	7 16	2 41	2 34	12 54		n.a.
F 8	6 50	15 53	4 7	4 20	1 56	1 12	0 38	13 31	5 1	23 54	0 22	12 32	2 25	16 30	0 12	9 49	1 26	29 32	7 17	2 41	2 35	12 55		n.a.
S 9	6 27	13 16	3 15	4 57	2 3	1 44	0 36	13 35	4 57	23 54	0 23	12 31	2 25	16 31	0 12	9 48	1 26	29 32	7 17	2 42	2 36	12 57		n.a.
S 10	6 4	9 51	2 9	5 32	2 10	2 15	0 33	13 38	4 54	23 54	0 23	12 31	2 25	16 31	0 12	9 47	1 26	29 32	7 17	2 42	2 37	12 58		n.a.
M11	5 41	5 47	0 55	6 6	2 16	2 47	0 31	13 41	4 50	23 55	0 23	12 30	2 25	16 32	0 12	9 46	1 26	29 32	7 17	2 42	2 39	12 59		n.a.
T 12	5 17	1 18	0n25	6 40	2 23	3 19	0 28	13 43	4 46	23 55	0 23	12 29	2 25	16 33	0 12	9 46	1 26	29 32	7 18	2 42	2 40	13 1		n.a.
W13	4 54	3s18	1 43	7 12	2 29	3 51	0 26	13 46	4 42	23 55	0 23	12 28	2 26	16 33	0 12	9 45	1 26	29 32	7 18	2 42	2 41	13 2		n.a.
T 14	4 30	7 43	2 56	7 44	2 35	4 22	0 23	13 48	4 38	23 55	0 23	12 27	2 26	16 34	0 12	9 44	1 26	29 32	7 18	2 42	2 42	13 4		n.a.
F 15	4 7	11 40	3 57	8 14	2 40	4 54	0 21	13 50	4 34	23 56	0 23	12 27	2 26	16 35	0 12	9 43	1 26	29 32	7 18	2 42	2 44	13 5		n.a.
S 16	3 43	14 53	4 42	8 42	2 45	5 25	0 18	13 51	4 30	23 56	0 23	12 26	2 26	16 36	0 12	9 42	1 26	29 33	7 19	2 42	2 45	13 6		n.a.
S 17	3 19	17 7	5 9	9 9	2 50	5 57	0 16	13 52	4 25	23 56	0 23	12 25	2 26	16 36	0 12	9 42	1 26	29 33	7 19	2 42	2 46	13 8		n.a.
M18	2 56	18 17	5 17	9 35	2 55	6 28	0 13	13 53	4 21	23 56	0 23	12 24	2 26	16 37	0 12	9 41	1 26	29 33	7 19	2 42	2 48	13 9		n.a.
T 19	2 32	18 20	5 7	9 59	2 59	6 59	0 11	13 54	4 17	23 57	0 23	12 23	2 27	16 38	0 12	9 40	1 26	29 33	7 19	2 42	2 49	13 10		n.a.
W20	2 8	17 19	4 39	10 21	3 2	7 30	0 8	13 54	4 12	23 57	0 23	12 22	2 27	16 39	0 12	9 39	1 26	29 33	7 20	2 42	2 50	13 12		n.a.
T 21	1 44	15 21	3 57	10 40	3 5	8 1	0 5	13 54	4 8	23 57	0 23	12 21	2 27	16 39	0 12	9 38	1 26	29 33	7 20	2 42	2 51	13 13		n.a.
F 22	1 20	12 38	3 3	10 58	3 8	8 31	0 2	13 54	4 3	23 58	0 23	12 20	2 27	16 40	0 12	9 38	1 26	29 33	7 20	2 42	2 53	13 15		n.a.
S 23	0 56	9 20	2 0	11 12	3 9	9 2	0s 0	13 53	3 59	23 58	0 23	12 19	2 27	16 41	0 12	9 37	1 26	29 33	7 20	2 41	2 54	13 16		n.a.
S 24	0 32	5 39	0 53	11 24	3 10	9 32	0 3	13 52	3 54	23 58	0 23	12 17	2 27	16 42	0 12	9 36	1 26	29 33	7 21	2 41	2 55	13 17		n.a.
M25	0 8	1 46	0s16	11 33	3 9	10 2	0 6	13 51	3 50	23 59	0 23	12 16	2 27	16 43	0 12	9 35	1 26	29 34	7 21	2 41	2 56	13 19		n.a.
T 26	0s16	2n 7	1 23	11 38	3 8	10 32	0 9	13 50	3 45	23 59	0 23	12 15	2 28	16 43	0 12	9 34	1 26	29 34	7 21	2 41	2 58	13 20		n.a.
W27	0 40	5 53	2 26	11 40	3 6	11 1	0 11	13 48	3 41	23 59	0 24	12 14	2 28	16 44	0 12	9 34	1 26	29 34	7 22	2 42	2 59	13 21		n.a.
T 28	1 5	9 21	3 21	11 37	3 2	11 31	0 14	13 46	3 36	23 59	0 24	12 13	2 28	16 45	0 12	9 33	1 26	29 34	7 22	2 42	3 0	13 23		n.a.
F 29	1 29	12 25	4 7	11 30	2 57	12 0	0 17	13 43	3 32	24 0	0 24	12 12	2 28	16 46	0 12	9 32	1 26	29 34	7 22	2 43	3 1	13 24		n.a.
S 30	1s53	14n57	4s42	11s18	2s50	12s28	0s20	13s41	3s27	24s 0	0s24	12n10	2s28	16s47	0n12	9n31	1n26	29n34	7n22	2n43	3n 3	13n25		n.a.

Julian Day Number = 1709613.5, Delta T = 03h01m24s
Ecliptic obliquity = 23°41'47, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°30'33, Lahiri = - 4°23'32 Julian Calendar 1 Sept. 33 BCE == Greg. Calendar 30 Aug. 033 BCE

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ASTRODIENST EPHEMERIS for the year 33 BCE
geocentric

OCTOBER 33 BCE (-32) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 29 49	5♎40'43	8♊ 9	21°R40	2♏52	3°R 5	25♐17	8°R29	16♏37	9♍15	19♋22	23°R11	22♍21	18♉41	n.a.	S 1
M 2	0 33 45	6°40'51	20° 4	21♎ 7	4° 6	3♓ 2	25°25	8♉26	16°40	9°17	19°23	23♍10	22°18	18°47	n.a.	M 2
T 3	0 37 42	7°41'01	2♋ 8	20°24	5°20	3° 1	25°32	8°22	16°43	9°19	19°23	23°D 9	22°15	18°54	n.a.	T 3
W 4	0 41 38	8°41'14	14°26	19°32	6°34	3° 0	25°40	8°18	16°46	9°21	19°24	23° 9	22°12	19° 1	n.a.	W 4
T 5	0 45 35	9°41'28	27° 0	18°32	7°48	3°D 0	25°47	8°14	16°49	9°23	19°24	23°10	22° 8	19° 7	n.a.	T 5
F 6	0 49 32	10°41'45	9♌57	17°24	9° 2	3° 0	25°55	8°10	16°52	9°25	19°25	23°11	22° 5	19°14	n.a.	F 6
S 7	0 53 28	11°42'04	23°18	16°11	10°16	3° 2	26° 3	8° 6	16°55	9°27	19°25	23°12	22° 2	19°21	n.a.	S 7
S 8	0 57 25	12°42'24	7♍ 6	14°53	11°30	3° 4	26°11	8° 2	16°58	9°29	19°26	23°14	21°59	19°27	n.a.	S 8
M 9	1 1 21	13°42'47	21°20	13°34	12°44	3° 7	26°20	7°57	17° 1	9°31	19°26	23°R14	21°56	19°34	n.a.	M 9
T 10	1 5 18	14°43'12	5♎57	12°16	13°58	3°11	26°28	7°53	17° 5	9°33	19°27	23°14	21°52	19°41	n.a.	T 10
W11	1 9 14	15°43'38	20°51	11° 1	15°12	3°16	26°37	7°49	17° 8	9°35	19°27	23°12	21°49	19°48	n.a.	W11
T 12	1 13 11	16°44'07	5♏54	9°52	16°26	3°21	26°45	7°44	17°11	9°37	19°27	23°10	21°46	19°54	n.a.	T 12
F 13	1 17 7	17°44'37	20°57	8°51	17°40	3°27	26°54	7°40	17°15	9°39	19°28	23° 6	21°43	20° 1	n.a.	F 13
S 14	1 21 4	18°45'08	5♐51	7°59	18°54	3°34	27° 3	7°35	17°18	9°41	19°28	23° 3	21°40	20° 8	n.a.	S 14
S 15	1 25 1	19°45'41	20°28	7°18	20° 8	3°41	27°12	7°31	17°21	9°43	19°28	23° 0	21°37	20°14	n.a.	S 15
M16	1 28 57	20°46'15	4♑44	6°48	21°22	3°50	27°22	7°26	17°25	9°44	19°29	22°57	21°33	20°21	n.a.	M16
T 17	1 32 54	21°46'51	18°37	6°30	22°36	3°59	27°31	7°21	17°28	9°46	19°29	22°D56	21°30	20°28	n.a.	T 17
W18	1 36 50	22°47'28	2♒ 7	6°D24	23°49	4° 8	27°41	7°17	17°31	9°48	19°29	22°57	21°27	20°34	n.a.	W18
T 19	1 40 47	23°48'06	15°15	6°29	25° 3	4°19	27°50	7°12	17°35	9°50	19°29	22°58	21°24	20°41	n.a.	T 19
F 20	1 44 43	24°48'46	28° 4	6°45	26°17	4°30	28° 0	7° 7	17°38	9°51	19°29	23° 0	21°21	20°48	n.a.	F 20
S 21	1 48 40	25°49'27	10♓38	7°10	27°31	4°41	28°10	7° 2	17°42	9°53	19°29	23° 1	21°17	20°55	n.a.	S 21
S 22	1 52 36	26°50'09	23° 0	7°43	28°45	4°54	28°20	6°58	17°45	9°55	19°29	23°R 2	21°14	21° 1	n.a.	S 22
M23	1 56 33	27°50'52	5♈11	8°25	29°58	5° 6	28°30	6°53	17°49	9°56	19°R29	23° 1	21°11	21° 8	n.a.	M23
T 24	2 0 29	28°51'37	17°15	9°14	1♐12	5°20	28°40	6°48	17°52	9°58	19°29	22°59	21° 8	21°15	n.a.	T 24
W25	2 4 26	29°52'23	29°13	10° 9	2°26	5°34	28°50	6°43	17°56	10° 0	19°29	22°54	21° 5	21°21	n.a.	W25
T 26	2 8 23	0♏53'10	11♉ 7	11° 9	3°39	5°49	29° 1	6°38	17°59	10° 1	19°29	22°48	21° 2	21°28	n.a.	T 26
F 27	2 12 19	1°53'59	22°59	12°14	4°53	6° 4	29°11	6°33	18° 3	10° 3	19°29	22°40	20°58	21°35	n.a.	F 27
S 28	2 16 16	2°54'50	4♊50	13°24	6° 6	6°20	29°22	6°28	18° 6	10° 4	19°29	22°32	20°55	21°41	n.a.	S 28
S 29	2 20 12	3°55'41	16°43	14°36	7°20	6°36	29°33	6°23	18°10	10° 6	19°29	22°25	20°52	21°48	n.a.	S 29
M30	2 24 9	4°56'35	28°39	15°52	8°34	6°53	29°44	6°18	18°14	10° 7	19°29	22°18	20°49	21°55	n.a.	M30
T 31	2 28 5	5♏57'30	10♋43	17♎10	9♐47	7♓10	29♐55	6♉13	18♏17	10♍ 9	19♋28	22♍13	20♍46	22♉ 2	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s17	16n52	5s 6	11s 2	2s42	12s57	0s23	13s38	3s23	24s 0	0s24	12n 9	2s28	16s48	0n12	9n31	1n26	29n35	7n23	2n44	3n 4	13n27		n.a.
M 2	2 41	18 4	5 16	10 40	2 32	13 25	0 25	13 34	3 18	24 1	0 24	12 8	2 28	16 49	0 12	9 30	1 26	29 35	7 23	2 45	3 5	13 28		n.a.
T 3	3 5	18 28	5 13	10 13	2 20	13 53	0 28	13 31	3 14	24 1	0 24	12 6	2 28	16 49	0 12	9 29	1 26	29 35	7 23	2 45	3 7	13 30		n.a.
W 4	3 29	18 1	4 55	9 40	2 6	14 20	0 31	13 27	3 9	24 1	0 24	12 5	2 28	16 50	0 12	9 28	1 26	29 35	7 23	2 45	3 8	13 31		n.a.
T 5	3 53	16 41	4 23	9 3	1 51	14 47	0 34	13 23	3 5	24 2	0 24	12 4	2 29	16 51	0 12	9 28	1 26	29 35	7 24	2 45	3 9	13 32		n.a.
F 6	4 17	14 28	3 37	8 21	1 34	15 14	0 37	13 19	3 1	24 2	0 24	12 2	2 29	16 52	0 12	9 27	1 26	29 36	7 24	2 44	3 10	13 34		n.a.
S 7	4 41	11 25	2 38	7 35	1 15	15 41	0 39	13 14	2 56	24 2	0 24	12 1	2 29	16 53	0 12	9 26	1 26	29 36	7 24	2 43	3 12	13 35		n.a.
S 8	5 4	7 38	1 28	6 47	0 56	16 7	0 42	13 9	2 52	24 2	0 24	11 59	2 29	16 54	0 12	9 25	1 26	29 36	7 25	2 43	3 13	13 36		n.a.
M 9	5 28	3 19	0 11	5 57	0 35	16 32	0 45	13 4	2 48	24 3	0 24	11 58	2 29	16 55	0 12	9 25	1 26	29 36	7 25	2 43	3 14	13 38		n.a.
T 10	5 52	1s19	1n10	5 7	0 14	16 57	0 48	12 59	2 44	24 3	0 24	11 56	2 29	16 56	0 12	9 24	1 26	29 36	7 25	2 43	3 15	13 39		n.a.
W11	6 15	5 58	2 26	4 19	0n 6	17 22	0 50	12 54	2 40	24 3	0 24	11 55	2 29	16 57	0 12	9 23	1 26	29 37	7 25	2 44	3 17	13 40		n.a.
T 12	6 39	10 16	3 34	3 33	0 26	17 47	0 53	12 48	2 35	24 4	0 24	11 54	2 29	16 58	0 12	9 23	1 26	29 37	7 26	2 45	3 18	13 42		n.a.
F 13	7 2	13 54	4 26	2 51	0 45	18 10	0 56	12 42	2 31	24 4	0 24	11 52	2 29	16 59	0 12	9 22	1 26	29 37	7 26	2 46	3 19	13 43		n.a.
S 14	7 25	16 35	5 0	2 14	1 3	18 34	0 58	12 36	2 27	24 4	0 24	11 51	2 29	17 0	0 12	9 21	1 26	29 37	7 26	2 47	3 20	13 44		n.a.
S 15	7 49	18 8	5 14	1 43	1 19	18 57	1 1	12 29	2 24	24 4	0 24	11 49	2 29	17 1	0 12	9 21	1 26	29 38	7 27	2 49	3 22	13 46		n.a.
M16	8 12	18 29	5 7	1 19	1 33	19 19	1 4	12 22	2 20	24 5	0 24	11 47	2 29	17 2	0 11	9 20	1 27	29 38	7 27	2 49	3 23	13 47		n.a.
T 17	8 35	17 43	4 43	1 0	1 45	19 41	1 6	12 16	2 16	24 5	0 24	11 46	2 29	17 3	0 11	9 19	1 27	29 38	7 27	2 50	3 24	13 48		n.a.
W18	8 57	15 57	4 4	0 48	1 55	20 2	1 9	12 8	2 12	24 5	0 25	11 44	2 29	17 4	0 11	9 19	1 27	29 38	7 27	2 50	3 26	13 50		n.a.
T 19	9 20	13 22	3 12	0 42	2 4	20 23	1 11	12 1	2 8	24 5	0 25	11 43	2 29	17 5	0 11	9 18	1 27	29 39	7 28	2 49	3 27	13 51		n.a.
F 20	9 43	10 12	2 12	0 42	2 11	20 44	1 14	11 54	2 5	24 6	0 25	11 41	2 29	17 6	0 11	9 17	1 27	29 39	7 28	2 49	3 28	13 52		n.a.
S 21	10 5	6 37	1 7	0 48	2 16	21 3	1 16	11 46	2 1	24 6	0 25	11 40	2 29	17 7	0 11	9 17	1 27	29 39	7 28	2 48	3 29	13 53		n.a.
S 22	10 27	2 48	0 0	0 58	2 20	21 22	1 19	11 38	1 57	24 6	0 25	11 38	2 29	17 8	0 11	9 16	1 27	29 39	7 29	2 48	3 31	13 55		n.a.
M23	10 49	1n 5	1s 6	1 12	2 22	21 41	1 21	11 30	1 54	24 6	0 25	11 36	2 29	17 9	0 11	9 16	1 27	29 40	7 29	2 48	3 32	13 56		n.a.
T 24	11 11	4 52	2 8	1 30	2 23	21 59	1 24	11 22	1 50	24 6	0 25	11 35	2 29	17 10	0 11	9 15	1 27	29 40	7 29	2 49	3 33	13 57		n.a.
W25	11 33	8 27	3 4	1 52	2 23	22 16	1 26	11 14	1 47	24 6	0 25	11 33	2 29	17 11	0 11	9 15	1 27	29 40	7 29	2 51	3 34	13 59		n.a.
T 26	11 54	11 39	3 52	2 17	2 22	22 33	1 28	11 5	1 44	24 7	0 25	11 32	2 29	17 12	0 11	9 14	1 27	29 40	7 30	2 53	3 36	14 0		n.a.
F 27	12 16	14 23	4 29	2 44	2 20	22 49	1 30	10 56	1 40	24 7	0 25	11 30	2 29	17 13	0 11	9 13	1 27	29 41	7 30	2 56	3 37	14 1		n.a.
S 28	12 37	16 30	4 55	3 14	2 18	23 5	1 32	10 47	1 37	24 7	0 25	11 29	2 29	17 14	0 11	9 13	1 27	29 41	7 30	2 59	3 38	14 3		n.a.
S 29	12 58	17 56	5 7	3 45	2 14	23 19	1 35	10 38	1 34	24 7	0 25	11 27	2 29	17 15	0 11	9 12	1 27	29 41	7 31	3 3	3 39	14 4		n.a.
M30	13 18	18 34	5 7	4 18	2 11	23 33	1 37	10 29	1 31	24 7	0 25	11 25	2 29	17 16	0 11	9 12	1 27	29 42	7 31	3 5	3 41	14 5		n.a.
T 31	13s39	18n23	4s53	4s52	2n 6	23s47	1s39	10s20	1s28	24s 7	0s25	11n24	2s29	17s17	0n11	9n11	1n27	29n42	7n31	3n 7	3n42	14n 6		n.a.

Julian Day Number = 1709643.5, Delta T = 03h01m23s
Ecliptic obliquity = 23°41'47, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°30'29, Lahiri = - 4°23'28 Julian Calendar 1 Oct. 33 BCE == Greg. Calendar 29 Sept. 033 BCE

The year -32 astronomical counting style corresponds to year 033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 33 BCE
geocentric

NOVEMBER 33 BCE (-32) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 32 2	6♏58'26	22♋57	18♎31	11♐ 1	7♓28	0♑ 6	6°R 8	18♏21	10♍10	19°R28	22°R 9	20♍43	22♉ 8	n.a.	W 1
T 2	2 35 58	7°59'23	5♌26	19°53	12°14	7°46	0°17	6♉ 3	18°24	10°11	19♋28	22°D 8	20°39	22°15	n.a.	T 2
F 3	2 39 55	9° 0'22	18°15	21°17	13°28	8° 5	0°28	5°58	18°28	10°13	19°28	22♍ 9	20°36	22°22	n.a.	F 3
S 4	2 43 52	10° 1'23	1♍27	22°42	14°41	8°24	0°39	5°53	18°32	10°14	19°27	22°10	20°33	22°28	n.a.	S 4
S 5	2 47 48	11° 2'24	15° 6	24° 8	15°54	8°44	0°51	5°48	18°35	10°15	19°27	22°R11	20°30	22°35	n.a.	S 5
M 6	2 51 45	12° 3'27	29°14	25°36	17° 8	9° 4	1° 2	5°43	18°39	10°17	19°27	22°11	20°27	22°42	n.a.	M 6
T 7	2 55 41	13° 4'31	13♎49	27° 4	18°21	9°25	1°14	5°38	18°43	10°18	19°26	22° 9	20°23	22°49	n.a.	T 7
W 8	2 59 38	14° 5'37	28°48	28°33	19°34	9°46	1°26	5°34	18°46	10°19	19°26	22° 4	20°20	22°55	n.a.	W 8
T 9	3 3 34	15° 6'43	14♏ 2	0♏ 2	20°48	10° 7	1°38	5°29	18°50	10°20	19°25	21°58	20°17	23° 2	n.a.	T 9
F 10	3 7 31	16° 7'50	29°22	1°32	22° 1	10°29	1°49	5°24	18°54	10°22	19°25	21°50	20°14	23° 9	n.a.	F 10
S 11	3 11 27	17° 8'59	14♐36	3° 3	23°14	10°52	2° 1	5°19	18°57	10°23	19°24	21°41	20°11	23°15	n.a.	S 11
S 12	3 15 24	18°10'07	29°33	4°33	24°27	11°14	2°14	5°14	19° 1	10°24	19°24	21°32	20° 8	23°22	n.a.	S 12
M13	3 19 21	19°11'17	14♑ 6	6° 4	25°40	11°37	2°26	5°10	19° 5	10°25	19°23	21°25	20° 4	23°29	n.a.	M13
T 14	3 23 17	20°12'27	28°10	7°36	26°53	12° 1	2°38	5° 5	19° 8	10°26	19°23	21°21	20° 1	23°36	n.a.	T 14
W15	3 27 14	21°13'37	11♒45	9° 7	28° 6	12°25	2°50	5° 0	19°12	10°27	19°22	21°19	19°58	23°42	n.a.	W15
T 16	3 31 10	22°14'47	24°53	10°39	29°19	12°49	3° 3	4°55	19°16	10°28	19°22	21°D18	19°55	23°49	n.a.	T 16
F 17	3 35 7	23°15'58	7♓38	12°11	0♑32	13°13	3°15	4°51	19°19	10°29	19°21	21°19	19°52	23°56	n.a.	F 17
S 18	3 39 3	24°17'09	20° 4	13°43	1°45	13°38	3°28	4°46	19°23	10°30	19°20	21°R19	19°48	24° 2	n.a.	S 18
S 19	3 43 0	25°18'21	2♈15	15°16	2°58	14° 3	3°40	4°42	19°27	10°31	19°19	21°19	19°45	24° 9	n.a.	S 19
M20	3 46 57	26°19'32	14°17	16°48	4°11	14°29	3°53	4°37	19°30	10°32	19°19	21°16	19°42	24°16	n.a.	M20
T 21	3 50 53	27°20'44	26°12	18°21	5°23	14°54	4° 6	4°33	19°34	10°32	19°18	21°10	19°39	24°22	n.a.	T 21
W22	3 54 50	28°21'56	8♉ 4	19°54	6°36	15°21	4°18	4°29	19°38	10°33	19°17	21° 2	19°36	24°29	n.a.	W22
T 23	3 58 46	29°23'09	19°56	21°27	7°48	15°47	4°31	4°24	19°41	10°34	19°16	20°51	19°33	24°36	n.a.	T 23
F 24	4 2 43	0♐24'22	1♊48	23° 1	9° 1	16°13	4°44	4°20	19°45	10°35	19°16	20°38	19°29	24°43	n.a.	F 24
S 25	4 6 39	1°25'35	13°42	24°34	10°13	16°40	4°57	4°16	19°49	10°35	19°15	20°24	19°26	24°49	n.a.	S 25
S 26	4 10 36	2°26'49	25°39	26° 8	11°26	17° 8	5°10	4°12	19°52	10°36	19°14	20°10	19°23	24°56	n.a.	S 26
M27	4 14 32	3°28'03	7♋42	27°42	12°38	17°35	5°23	4° 8	19°56	10°37	19°13	19°58	19°20	25° 3	n.a.	M27
T 28	4 18 29	4°29'17	19°50	29°16	13°50	18° 3	5°37	4° 4	19°59	10°37	19°12	19°48	19°17	25° 9	n.a.	T 28
W29	4 22 26	5°30'32	2♌ 8	0♐51	15° 2	18°31	5°50	4° 0	20° 3	10°38	19°11	19°40	19°14	25°16	n.a.	W29
T 30	4 26 22	6♐31'47	14♌38	2♐25	16♑15	18♓59	6♑ 3	3♉56	20♏ 7	10♍38	19♋10	19♍36	19♍10	25♉23	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	13s59	17n21	4s26	5s28	2n 1	24s 0	1s41	10s10	1s25	24s 7	0s25	11n22	2s29	17s18	0n11	9n11	1n27	29n42	7n31	3n 9	3n43	14n 8		n.a.	W 1
T 2	14 19	15 28	3 45	6 4	1 56	24 12	1 42	10 1	1 22	24 7	0 25	11 21	2 29	17 19	0 11	9 10	1 27	29 43	7 32	3 9	3 44	14 9		n.a.	T 2
F 3	14 39	12 47	2 53	6 41	1 51	24 23	1 44	9 51	1 19	24 7	0 25	11 19	2 29	17 20	0 11	9 10	1 27	29 43	7 32	3 9	3 46	14 10		n.a.	F 3
S 4	14 59	9 22	1 50	7 18	1 45	24 34	1 46	9 41	1 16	24 7	0 25	11 17	2 29	17 21	0 11	9 9	1 27	29 43	7 32	3 9	3 47	14 12		n.a.	S 4
S 5	15 18	5 21	0 38	7 56	1 39	24 44	1 48	9 31	1 13	24 7	0 25	11 16	2 29	17 22	0 11	9 9	1 27	29 44	7 32	3 8	3 48	14 13		n.a.	S 5
M 6	15 37	0 53	0n38	8 34	1 32	24 53	1 49	9 20	1 10	24 7	0 26	11 14	2 28	17 23	0 11	9 8	1 27	29 44	7 33	3 8	3 50	14 14		n.a.	M 6
T 7	15 56	3s46	1 54	9 12	1 26	25 1	1 51	9 10	1 8	24 7	0 26	11 13	2 28	17 24	0 11	9 8	1 28	29 44	7 33	3 9	3 51	14 15		n.a.	T 7
W 8	16 14	8 18	3 4	9 51	1 19	25 9	1 52	9 0	1 5	24 7	0 26	11 11	2 28	17 25	0 11	9 8	1 28	29 45	7 33	3 11	3 52	14 17		n.a.	W 8
T 9	16 33	12 23	4 2	10 29	1 12	25 16	1 54	8 49	1 2	24 7	0 26	11 10	2 28	17 26	0 11	9 7	1 28	29 45	7 34	3 13	3 53	14 18		n.a.	T 9
F 10	16 50	15 38	4 43	11 7	1 5	25 22	1 55	8 38	1 0	24 7	0 26	11 8	2 28	17 27	0 11	9 7	1 28	29 45	7 34	3 17	3 55	14 19		n.a.	F 10
S 11	17 8	17 47	5 3	11 45	0 58	25 28	1 57	8 27	0 57	24 7	0 26	11 7	2 28	17 28	0 11	9 6	1 28	29 46	7 34	3 20	3 56	14 21		n.a.	S 11
S 12	17 25	18 39	5 2	12 22	0 51	25 32	1 58	8 16	0 55	24 7	0 26	11 5	2 28	17 29	0 11	9 6	1 28	29 46	7 34	3 23	3 57	14 22		n.a.	S 12
M13	17 42	18 16	4 42	12 59	0 44	25 36	1 59	8 5	0 52	24 6	0 26	11 4	2 28	17 30	0 11	9 6	1 28	29 46	7 35	3 26	3 58	14 23		n.a.	M13
T 14	17 59	16 45	4 5	13 36	0 37	25 39	2 0	7 54	0 50	24 6	0 26	11 2	2 28	17 31	0 11	9 5	1 28	29 47	7 35	3 28	4 0	14 24		n.a.	T 14
W15	18 16	14 19	3 15	14 13	0 30	25 42	2 1	7 42	0 48	24 6	0 26	11 1	2 27	17 32	0 11	9 5	1 28	29 47	7 35	3 29	4 1	14 26		n.a.	W15
T 16	18 32	11 13	2 16	14 49	0 23	25 43	2 2	7 31	0 45	24 6	0 26	10 59	2 27	17 33	0 11	9 5	1 28	29 47	7 35	3 29	4 2	14 27		n.a.	T 16
F 17	18 47	7 41	1 13	15 24	0 16	25 44	2 3	7 19	0 43	24 6	0 26	10 58	2 27	17 34	0 11	9 4	1 28	29 48	7 36	3 29	4 3	14 28		n.a.	F 17
S 18	19 3	3 52	0 7	15 59	0 9	25 44	2 3	7 8	0 41	24 5	0 26	10 57	2 27	17 35	0 11	9 4	1 28	29 48	7 36	3 29	4 5	14 29		n.a.	S 18
S 19	19 18	0n 1	0s58	16 33	0 3	25 44	2 4	6 56	0 39	24 5	0 26	10 55	2 27	17 36	0 11	9 4	1 28	29 48	7 36	3 29	4 6	14 31		n.a.	S 19
M20	19 32	3 52	1 59	17 6	0s 4	25 42	2 5	6 44	0 36	24 5	0 26	10 54	2 27	17 37	0 11	9 3	1 28	29 49	7 36	3 30	4 7	14 32		n.a.	M20
T 21	19 47	7 31	2 54	17 39	0 11	25 40	2 5	6 32	0 34	24 4	0 26	10 53	2 26	17 38	0 11	9 3	1 28	29 49	7 37	3 32	4 8	14 33		n.a.	T 21
W22	20 1	10 51	3 42	18 11	0 18	25 37	2 5	6 20	0 32	24 4	0 26	10 51	2 26	17 39	0 11	9 3	1 28	29 49	7 37	3 35	4 10	14 34		n.a.	W22
T 23	20 14	13 45	4 19	18 43	0 24	25 33	2 6	6 8	0 30	24 4	0 27	10 50	2 26	17 40	0 11	9 3	1 28	29 50	7 37	3 40	4 11	14 36		n.a.	T 23
F 24	20 27	16 5	4 45	19 13	0 31	25 29	2 6	5 55	0 28	24 3	0 27	10 49	2 26	17 41	0 11	9 3	1 28	29 50	7 37	3 45	4 12	14 37		n.a.	F 24
S 25	20 40	17 45	4 59	19 43	0 37	25 23	2 6	5 43	0 26	24 3	0 27	10 48	2 26	17 42	0 11	9 2	1 29	29 51	7 38	3 51	4 13	14 38		n.a.	S 25
S 26	20 52	18 38	5 0	20 12	0 43	25 17	2 6	5 31	0 24	24 2	0 27	10 46	2 25	17 43	0 11	9 2	1 29	29 51	7 38	3 56	4 15	14 39		n.a.	S 26
M27	21 4	18 42	4 47	20 39	0 49	25 11	2 6	5 18	0 22	24 2	0 27	10 45	2 25	17 44	0 11	9 2	1 29	29 51	7 38	4 1	4 16	14 41		n.a.	M27
T 28	21 16	17 54	4 21	21 6	0 55	25 3	2 6	5 5	0 20	24 1	0 27	10 44	2 25	17 45	0 11	9 2	1 29	29 52	7 38	4 5	4 17	14 42		n.a.	T 28
W29	21 27	16 16	3 43	21 32	1 1	24 55	2 5	4 53	0 19	24 1	0 27	10 43	2 25	17 46	0 11	9 2	1 29	29 52	7 39	4 8	4 19	14 43		n.a.	W29
T 30	21s38	13n51	2s54	21s57	1s 7	24s46	2s 5	4s40	0s17	24s 0	0s27	10n42	2s25	17s47	0n11	9n 1	1n29	29n52	7n39	4n10	4n20	14n44		n.a.	T 30

Julian Day Number = 1709674.5, Delta T = 03h01m22s
Ecliptic obliquity = 23°41'47, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°30'24, Lahiri = - 4°23'24 Julian Calendar 1 Nov. 33 BCE == Greg. Calendar 30 Oct. 033 BCE

The year -32 astronomical counting style corresponds to year 033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 33 BCE
geocentric

DECEMBER 33 BCE (-32) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 30 19	7♐33'02	27♌23	4♐ 0	17♑27	19♓27	6♑16	3°R53	20♏10	10♍39	19°R 9	19°R34	19♍ 7	25♉30	n.a.	F 1
S 2	4 34 15	8°34'18	10♍28	5°36	18°39	19°56	6°30	3♉49	20°14	10°39	19♋ 8	19°D34	19° 4	25°36	n.a.	S 2
S 3	4 38 12	9°35'33	23°56	7°11	19°50	20°25	6°43	3°46	20°17	10°40	19° 7	19°R34	19° 1	25°43	n.a.	S 3
M 4	4 42 8	10°36'50	7♎50	8°47	21° 2	20°54	6°57	3°42	20°21	10°40	19° 6	19♍33	18°58	25°50	n.a.	M 4
T 5	4 46 5	11°38'06	22°11	10°24	22°14	21°23	7°10	3°39	20°24	10°40	19° 5	19°30	18°54	25°56	n.a.	T 5
W 6	4 50 1	12°39'22	6♏57	12° 0	23°26	21°52	7°24	3°35	20°28	10°41	19° 4	19°24	18°51	26° 3	n.a.	W 6
T 7	4 53 58	13°40'39	22° 2	13°37	24°37	22°22	7°37	3°32	20°31	10°41	19° 3	19°15	18°48	26°10	n.a.	T 7
F 8	4 57 55	14°41'55	7♐19	15°15	25°49	22°52	7°51	3°29	20°35	10°41	19° 2	19° 4	18°45	26°17	n.a.	F 8
S 9	5 1 51	15°43'12	22°35	16°53	27° 0	23°22	8° 5	3°26	20°38	10°41	19° 1	18°52	18°42	26°23	n.a.	S 9
S 10	5 5 48	16°44'28	7♑40	18°31	28°11	23°52	8°19	3°23	20°41	10°42	18°59	18°40	18°39	26°30	n.a.	S 10
M11	5 9 44	17°45'43	22°24	20°10	29°23	24°23	8°32	3°20	20°45	10°42	18°58	18°30	18°35	26°37	n.a.	M11
T 12	5 13 41	18°46'58	6♒40	21°49	0♒34	24°54	8°46	3°18	20°48	10°42	18°57	18°23	18°32	26°43	n.a.	T 12
W13	5 17 37	19°48'12	20°25	23°28	1°45	25°24	9° 0	3°15	20°52	10°42	18°56	18°19	18°29	26°50	n.a.	W13
T 14	5 21 34	20°49'26	3♓41	25° 8	2°55	25°55	9°14	3°12	20°55	10°42	18°55	18°17	18°26	26°57	n.a.	T 14
F 15	5 25 30	21°50'38	16°30	26°49	4° 6	26°26	9°28	3°10	20°58	10°R42	18°53	18°16	18°23	27° 4	n.a.	F 15
S 16	5 29 27	22°51'50	28°57	28°29	5°17	26°58	9°42	3° 8	21° 1	10°42	18°52	18°16	18°20	27°10	n.a.	S 16
S 17	5 33 24	23°53'01	11♈ 8	0♑11	6°27	27°29	9°56	3° 5	21° 5	10°42	18°51	18°15	18°16	27°17	n.a.	S 17
M18	5 37 20	24°54'11	23° 7	1°52	7°38	28° 1	10°10	3° 3	21° 8	10°42	18°50	18°12	18°13	27°24	n.a.	M18
T 19	5 41 17	25°55'21	4♉59	3°34	8°48	28°33	10°24	3° 1	21°11	10°42	18°48	18° 7	18°10	27°30	n.a.	T 19
W20	5 45 13	26°56'29	16°49	5°16	9°58	29° 5	10°38	2°59	21°14	10°41	18°47	17°58	18° 7	27°37	n.a.	W20
T 21	5 49 10	27°57'37	28°39	6°58	11° 8	29°37	10°52	2°58	21°17	10°41	18°46	17°47	18° 4	27°44	n.a.	T 21
F 22	5 53 6	28°58'43	10♊33	8°41	12°18	0♈ 9	11° 6	2°56	21°21	10°41	18°44	17°34	18° 0	27°51	n.a.	F 22
S 23	5 57 3	29°59'49	22°33	10°23	13°28	0°41	11°20	2°54	21°24	10°41	18°43	17°19	17°57	27°57	n.a.	S 23
S 24	6 1 0	1♉ 0'54	4♋39	12° 5	14°37	1°14	11°34	2°53	21°27	10°40	18°42	17° 5	17°54	28° 4	n.a.	S 24
M25	6 4 56	2° 1'58	16°52	13°48	15°46	1°46	11°49	2°52	21°30	10°40	18°40	16°52	17°51	28°11	n.a.	M25
T 26	6 8 53	3° 3'01	29°13	15°30	16°56	2°19	12° 3	2°50	21°33	10°40	18°39	16°41	17°48	28°17	n.a.	T 26
W27	6 12 49	4° 4'04	11♌43	17°11	18° 5	2°52	12°17	2°49	21°36	10°39	18°38	16°33	17°45	28°24	n.a.	W27
T 28	6 16 46	5° 5'05	24°24	18°51	19°14	3°24	12°31	2°48	21°39	10°39	18°36	16°28	17°41	28°31	n.a.	T 28
F 29	6 20 42	6° 6'06	7♍16	20°31	20°22	3°57	12°46	2°47	21°41	10°38	18°35	16°26	17°38	28°38	n.a.	F 29
S 30	6 24 39	7° 7'06	20°24	22° 9	21°31	4°31	13° 0	2°46	21°44	10°38	18°33	16°D26	17°35	28°44	n.a.	S 30
S 31	6 28 35	8♉ 8'05	3♎49	23♑45	22♒39	5♈ 4	13♑14	2♉46	21♏47	10♍37	18♋32	16°R26	17♍32	28♉51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s48	10n43	1s54	22s21	1s12	24s36	2s 5	4s27	0s15	24s 0	0s27	10n41	2s24	17s48	0n11	9n 1	1n29	29n53	7n39	4n10	4n21	14n46		n.a.
S 2	21 58	6 59	0 48	22 44	1 17	24 26	2 4	4 14	0 13	23 59	0 27	10 40	2 24	17 49	0 11	9 1	1 29	29 53	7 39	4 11	4 22	14 47		n.a.
S 3	22 8	2 47	0n23	23 6	1 22	24 15	2 3	4 1	0 12	23 59	0 27	10 39	2 24	17 50	0 11	9 1	1 29	29 53	7 39	4 11	4 24	14 48		n.a.
M 4	22 17	1s41	1 35	23 26	1 27	24 3	2 3	3 48	0 10	23 58	0 27	10 38	2 24	17 51	0 11	9 1	1 29	29 54	7 40	4 11	4 25	14 49		n.a.
T 5	22 25	6 12	2 43	23 45	1 32	23 50	2 2	3 35	0 8	23 57	0 27	10 37	2 24	17 52	0 11	9 1	1 29	29 54	7 40	4 12	4 26	14 51		n.a.
W 6	22 33	10 29	3 42	24 3	1 36	23 37	2 1	3 22	0 7	23 57	0 27	10 36	2 23	17 53	0 11	9 1	1 29	29 55	7 40	4 15	4 27	14 52		n.a.
T 7	22 41	14 10	4 27	24 20	1 40	23 23	2 0	3 8	0 5	23 56	0 27	10 35	2 23	17 54	0 11	9 1	1 29	29 55	7 40	4 18	4 29	14 53		n.a.
F 8	22 48	16 56	4 54	24 35	1 44	23 9	1 58	2 55	0 4	23 55	0 28	10 34	2 23	17 55	0 11	9 1	1 29	29 55	7 41	4 22	4 30	14 54		n.a.
S 9	22 55	18 30	4 59	24 49	1 47	22 54	1 57	2 41	0 2	23 54	0 28	10 34	2 23	17 55	0 11	9 1	1 29	29 56	7 41	4 27	4 31	14 55		n.a.
S 10	23 2	18 45	4 44	25 2	1 51	22 38	1 56	2 28	0 1	23 54	0 28	10 33	2 22	17 56	0 11	9 1	1 29	29 56	7 41	4 32	4 32	14 57		n.a.
M11	23 8	17 42	4 10	25 13	1 54	22 22	1 54	2 14	0n 1	23 53	0 28	10 32	2 22	17 57	0 11	9 1	1 29	29 56	7 41	4 36	4 34	14 58		n.a.
T 12	23 13	15 34	3 21	25 22	1 56	22 5	1 53	2 1	0 2	23 52	0 28	10 32	2 22	17 58	0 11	9 1	1 30	29 57	7 41	4 38	4 35	14 59		n.a.
W13	23 18	12 36	2 21	25 30	1 59	21 47	1 51	1 47	0 4	23 51	0 28	10 31	2 21	17 59	0 11	9 1	1 30	29 57	7 41	4 40	4 36	15 0		n.a.
T 14	23 22	9 5	1 16	25 37	2 0	21 29	1 49	1 33	0 5	23 50	0 28	10 30	2 21	18 0	0 11	9 1	1 30	29 58	7 42	4 41	4 37	15 1		n.a.
F 15	23 27	5 14	0 9	25 41	2 2	21 10	1 47	1 20	0 7	23 49	0 28	10 30	2 21	18 1	0 11	9 1	1 30	29 58	7 42	4 41	4 39	15 3		n.a.
S 16	23 30	1 17	0s56	25 44	2 3	20 51	1 45	1 6	0 8	23 48	0 28	10 29	2 21	18 2	0 11	9 1	1 30	29 58	7 42	4 41	4 40	15 4		n.a.
S 17	23 33	2n39	1 58	25 46	2 4	20 31	1 43	0 52	0 9	23 47	0 28	10 29	2 20	18 3	0 11	9 1	1 30	29 59	7 42	4 42	4 41	15 5		n.a.
M18	23 36	6 24	2 53	25 45	2 4	20 11	1 41	0 38	0 11	23 46	0 28	10 28	2 20	18 3	0 11	9 1	1 30	29 59	7 42	4 43	4 42	15 6		n.a.
T 19	23 38	9 52	3 40	25 43	2 4	19 50	1 38	0 24	0 12	23 45	0 28	10 28	2 20	18 4	0 11	9 1	1 30	29 59	7 43	4 45	4 44	15 7		n.a.
W20	23 40	12 55	4 17	25 39	2 4	19 29	1 36	0 10	0 13	23 44	0 28	10 27	2 20	18 5	0 11	9 1	1 30	30 0	7 43	4 48	4 45	15 9		n.a.
T 21	23 41	15 28	4 44	25 33	2 2	19 7	1 33	0n 4	0 14	23 43	0 29	10 27	2 19	18 6	0 11	9 1	1 30	30 0	7 43	4 53	4 46	15 10		n.a.
F 22	23 42	17 21	4 58	25 25	2 1	18 45	1 31	0 18	0 16	23 42	0 29	10 27	2 19	18 7	0 11	9 2	1 30	30 0	7 43	4 58	4 47	15 11		n.a.
S 23	23 42	18 31	4 59	25 15	1 58	18 22	1 28	0 32	0 17	23 41	0 29	10 26	2 19	18 8	0 11	9 2	1 30	30 1	7 43	5 4	4 49	15 12		n.a.
S 24	23 42	18 51	4 46	25 3	1 56	17 59	1 25	0 46	0 18	23 40	0 29	10 26	2 18	18 8	0 11	9 2	1 30	30 1	7 43	5 9	4 50	15 13		n.a.
M25	23 41	18 19	4 21	24 50	1 52	17 35	1 22	1 0	0 19	23 39	0 29	10 26	2 18	18 9	0 11	9 2	1 30	30 1	7 43	5 14	4 51	15 15		n.a.
T 26	23 40	16 55	3 42	24 34	1 48	17 11	1 19	1 14	0 20	23 37	0 29	10 26	2 18	18 10	0 11	9 2	1 30	30 2	7 44	5 19	4 52	15 16		n.a.
W27	23 38	14 41	2 53	24 17	1 43	16 46	1 16	1 28	0 21	23 36	0 29	10 26	2 18	18 11	0 11	9 2	1 30	30 2	7 44	5 22	4 54	15 17		n.a.
T 28	23 36	11 44	1 54	23 58	1 37	16 22	1 12	1 43	0 22	23 35	0 29	10 26	2 17	18 12	0 11	9 3	1 30	30 2	7 44	5 24	4 55	15 18		n.a.
F 29	23 33	8 11	0 48	23 37	1 31	15 56	1 9	1 57	0 23	23 34	0 29	10 26	2 17	18 12	0 11	9 3	1 31	30 3	7 44	5 24	4 56	15 19		n.a.
S 30	23 30	4 10	0n21	23 14	1 24	15 31	1 5	2 11	0 25	23 32	0 29	10 26	2 17	18 13	0 11	9 3	1 31	30 3	7 44	5 25	4 57	15 20		n.a.
S 31	23s27	0s 9	1n31	22s50	1s16	15s 5	1s 2	2n25	0n26	23s31	0s29	10n26	2s16	18s14	0n11	9n 3	1n31	30n 3	7n44	5n24	4n59	15n22		n.a.

Julian Day Number = 1709704.5, Delta T = 03h01m22s
Ecliptic obliquity = 23°41'46, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°30'20, Lahiri = - 4°23'20 Julian Calendar 1 Dec. 33 BCE == Greg. Calendar 29 Nov. 033 BCE

The year -32 astronomical counting style corresponds to year 033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 32 BCE
geocentric

JANUARY 32 BCE (-31) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 32 32	9♉ 9'04	17♎34	25♉19	23♒47	5♈37	13♉28	2°R45	21♏50	10°R37	18°R31	16°R26	17♍29	28♌58	n.a.	M 1
T 2	6 36 29	10°10'01	1♏40	26°51	24°55	6°11	13°43	2♌45	21°53	10♍36	18♋29	16♍24	17°26	29° 4	n.a.	T 2
W 3	6 40 25	11°10'58	16° 6	28°19	26° 3	6°44	13°57	2°44	21°55	10°36	18°28	16°20	17°22	29°11	n.a.	W 3
T 4	6 44 22	12°11'54	0♐50	29°44	27°11	7°18	14°11	2°44	21°58	10°35	18°26	16°13	17°19	29°18	n.a.	T 4
F 5	6 48 18	13°12'48	15°46	1♒ 4	28°18	7°51	14°25	2°D44	22° 1	10°34	18°25	16° 4	17°16	29°25	n.a.	F 5
S 6	6 52 15	14°13'42	0♉45	2°19	29°25	8°25	14°40	2°44	22° 3	10°34	18°24	15°54	17°13	29°31	n.a.	S 6
S 7	6 56 11	15°14'34	15°38	3°28	0♓32	8°59	14°54	2°44	22° 6	10°33	18°22	15°44	17°10	29°38	n.a.	S 7
M 8	7 0 8	16°15'26	0♒16	4°31	1°39	9°33	15° 8	2°44	22° 8	10°32	18°21	15°36	17° 6	29°45	n.a.	M 8
T 9	7 4 4	17°16'15	14°31	5°26	2°45	10° 7	15°23	2°45	22°11	10°31	18°19	15°29	17° 3	29°51	n.a.	T 9
W10	7 8 1	18°17'03	28°20	6°13	3°52	10°41	15°37	2°45	22°13	10°30	18°18	15°26	17° 0	29°58	n.a.	W10
T 11	7 11 58	19°17'49	11♓42	6°51	4°58	11°16	15°51	2°46	22°16	10°29	18°16	15°D24	16°57	0♊ 5	n.a.	T 11
F 12	7 15 54	20°18'34	24°37	7°20	6° 3	11°50	16° 6	2°47	22°18	10°29	18°15	15°25	16°54	0°12	n.a.	F 12
S 13	7 19 51	21°19'17	7♈10	7°38	7° 9	12°24	16°20	2°47	22°21	10°28	18°14	15°26	16°51	0°18	n.a.	S 13
S 14	7 23 47	22°19'58	19°24	7°R46	8°14	12°59	16°34	2°48	22°23	10°27	18°12	15°R26	16°47	0°25	n.a.	S 14
M15	7 27 44	23°20'37	1♉26	7°44	9°19	13°33	16°48	2°49	22°25	10°26	18°11	15°26	16°44	0°32	n.a.	M15
T 16	7 31 40	24°21'14	13°20	7°31	10°24	14° 8	17° 3	2°50	22°27	10°25	18° 9	15°24	16°41	0°39	n.a.	T 16
W17	7 35 37	25°21'50	25°10	7° 7	11°28	14°43	17°17	2°52	22°29	10°24	18° 8	15°19	16°38	0°45	n.a.	W17
T 18	7 39 33	26°22'24	7♊ 2	6°34	12°32	15°18	17°31	2°53	22°32	10°23	18° 6	15°13	16°35	0°52	n.a.	T 18
F 19	7 43 30	27°22'56	18°59	5°52	13°36	15°52	17°45	2°55	22°34	10°22	18° 5	15° 5	16°32	0°59	n.a.	F 19
S 20	7 47 27	28°23'26	1♋ 4	5° 2	14°39	16°27	18° 0	2°56	22°36	10°20	18° 4	14°56	16°28	1° 5	n.a.	S 20
S 21	7 51 23	29°23'54	13°19	4° 5	15°42	17° 2	18°14	2°58	22°38	10°19	18° 2	14°47	16°25	1°12	n.a.	S 21
M22	7 55 20	0♒24'20	25°45	3° 4	16°44	17°37	18°28	3° 0	22°40	10°18	18° 1	14°39	16°22	1°19	n.a.	M22
T 23	7 59 16	1°24'45	8♌22	1°59	17°47	18°12	18°42	3° 2	22°41	10°17	17°59	14°32	16°19	1°26	n.a.	T 23
W24	8 3 13	2°25'08	21°10	0°53	18°49	18°47	18°56	3° 4	22°43	10°16	17°58	14°27	16°16	1°32	n.a.	W24
T 25	8 7 9	3°25'29	4♍11	29♉47	19°50	19°22	19°10	3° 6	22°45	10°15	17°57	14°25	16°12	1°39	n.a.	T 25
F 26	8 11 6	4°25'48	17°23	28°42	20°51	19°58	19°24	3° 8	22°47	10°13	17°55	14°D24	16° 9	1°46	n.a.	F 26
S 27	8 15 2	5°26'06	0♎47	27°41	21°52	20°33	19°38	3°10	22°48	10°12	17°54	14°25	16° 6	1°52	n.a.	S 27
S 28	8 18 59	6°26'22	14°23	26°44	22°52	21° 8	19°52	3°13	22°50	10°11	17°53	14°27	16° 3	1°59	n.a.	S 28
M29	8 22 56	7°26'37	28°11	25°52	23°52	21°44	20° 6	3°15	22°52	10° 9	17°51	14°28	16° 0	2° 6	n.a.	M29
T 30	8 26 52	8°26'50	12♏13	25° 6	24°51	22°19	20°20	3°18	22°53	10° 8	17°50	14°R28	15°57	2°13	n.a.	T 30
W31	8 30 49	9♒27'02	26♏26	24♉27	25♓50	22♈54	20♉34	3♌21	22♏55	10♍ 7	17♋49	14♍27	15♍53	2♊19	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23s23	4s33	2n38	22s24	1s 7	14s39	0s58	2n40	0n27	23s30	0s29	10n26	2s16	18s15	0n11	9n 4	1n31	30n 4	7n44	5n24	5n 0	15n23			n.a.
T 2	23 18	8 48	3 36	21 57	0 57	14 12	0 54	2 54	0 28	23 28	0 30	10 26	2 16	18 15	0 11	9 4	1 31	30 4	7 44	5 25	5 1	15 24			n.a.
W 3	23 13	12 39	4 23	21 29	0 47	13 45	0 50	3 8	0 29	23 27	0 30	10 26	2 15	18 16	0 11	9 4	1 31	30 4	7 45	5 27	5 2	15 25			n.a.
T 4	23 8	15 46	4 53	21 0	0 35	13 18	0 46	3 23	0 29	23 25	0 30	10 26	2 15	18 17	0 11	9 5	1 31	30 5	7 45	5 30	5 4	15 26			n.a.
F 5	23 2	17 54	5 3	20 30	0 23	12 51	0 42	3 37	0 30	23 24	0 30	10 27	2 15	18 17	0 11	9 5	1 31	30 5	7 45	5 33	5 5	15 27			n.a.
S 6	22 56	18 48	4 53	20 0	0 9	12 23	0 38	3 51	0 31	23 23	0 30	10 27	2 14	18 18	0 11	9 5	1 31	30 5	7 45	5 37	5 6	15 29			n.a.
S 7	22 49	18 24	4 24	19 31	0n 5	11 55	0 33	4 6	0 32	23 21	0 30	10 27	2 14	18 19	0 11	9 6	1 31	30 6	7 45	5 41	5 7	15 30			n.a.
M 8	22 42	16 47	3 37	19 1	0 20	11 27	0 29	4 20	0 33	23 20	0 30	10 28	2 14	18 19	0 11	9 6	1 31	30 6	7 45	5 44	5 9	15 31			n.a.
T 9	22 34	14 9	2 37	18 33	0 35	10 59	0 24	4 34	0 34	23 18	0 30	10 28	2 14	18 20	0 11	9 6	1 31	30 6	7 45	5 47	5 10	15 32			n.a.
W10	22 26	10 46	1 30	18 5	0 51	10 30	0 20	4 49	0 35	23 16	0 30	10 28	2 13	18 21	0 11	9 7	1 31	30 6	7 45	5 48	5 11	15 33			n.a.
T 11	22 17	6 57	0 20	17 40	1 8	10 1	0 15	5 3	0 36	23 15	0 30	10 29	2 13	18 21	0 11	9 7	1 31	30 7	7 45	5 49	5 12	15 34			n.a.
F 12	22 9	2 55	0s49	17 16	1 25	9 33	0 10	5 17	0 37	23 13	0 31	10 29	2 13	18 22	0 11	9 7	1 31	30 7	7 45	5 49	5 14	15 35			n.a.
S 13	21 59	1n 8	1 54	16 55	1 42	9 4	0 5	5 32	0 37	23 12	0 31	10 30	2 12	18 23	0 11	9 8	1 31	30 7	7 45	5 48	5 15	15 37			n.a.
S 14	21 49	5 1	2 52	16 36	1 59	8 34	0 0	5 46	0 38	23 10	0 31	10 31	2 12	18 23	0 11	9 8	1 31	30 8	7 46	5 48	5 16	15 38			n.a.
M15	21 39	8 38	3 41	16 20	2 16	8 5	0n 5	6 0	0 39	23 8	0 31	10 31	2 12	18 24	0 11	9 9	1 31	30 8	7 46	5 48	5 17	15 39			n.a.
T 16	21 29	11 52	4 21	16 8	2 32	7 36	0 10	6 15	0 40	23 7	0 31	10 32	2 11	18 24	0 11	9 9	1 31	30 8	7 46	5 49	5 19	15 40			n.a.
W17	21 18	14 36	4 48	15 59	2 48	7 6	0 16	6 29	0 41	23 5	0 31	10 33	2 11	18 25	0 11	9 10	1 31	30 8	7 46	5 51	5 20	15 41			n.a.
T 18	21 6	16 43	5 4	15 54	3 2	6 36	0 21	6 43	0 41	23 3	0 31	10 33	2 11	18 25	0 11	9 10	1 32	30 9	7 46	5 53	5 21	15 42			n.a.
F 19	20 54	18 9	5 6	15 52	3 15	6 7	0 27	6 57	0 42	23 1	0 31	10 34	2 11	18 26	0 11	9 10	1 32	30 9	7 46	5 56	5 22	15 43			n.a.
S 20	20 42	18 46	4 55	15 53	3 26	5 37	0 32	7 12	0 43	22 59	0 31	10 35	2 10	18 26	0 11	9 11	1 32	30 9	7 46	6 0	5 24	15 44			n.a.
S 21	20 30	18 32	4 30	15 58	3 35	5 7	0 38	7 26	0 43	22 58	0 32	10 36	2 10	18 27	0 11	9 11	1 32	30 9	7 46	6 3	5 25	15 46			n.a.
M22	20 17	17 25	3 52	16 5	3 42	4 37	0 44	7 40	0 44	22 56	0 32	10 37	2 10	18 27	0 11	9 12	1 32	30 10	7 46	6 7	5 26	15 47			n.a.
T 23	20 4	15 26	3 2	16 15	3 47	4 7	0 49	7 54	0 45	22 54	0 32	10 38	2 9	18 28	0 11	9 12	1 32	30 10	7 46	6 9	5 27	15 48			n.a.
W24	19 50	12 40	2 3	16 27	3 49	3 38	0 55	8 8	0 46	22 52	0 32	10 39	2 9	18 28	0 11	9 13	1 32	30 10	7 46	6 11	5 29	15 49			n.a.
T 25	19 36	9 13	0 55	16 40	3 50	3 8	1 1	8 22	0 46	22 50	0 32	10 40	2 9	18 29	0 11	9 13	1 32	30 10	7 46	6 12	5 30	15 50			n.a.
F 26	19 22	5 17	0n16	16 55	3 48	2 38	1 7	8 36	0 47	22 48	0 32	10 41	2 8	18 29	0 11	9 14	1 32	30 10	7 46	6 12	5 31	15 51			n.a.
S 27	19 7	1 2	1 28	17 11	3 44	2 8	1 13	8 50	0 48	22 46	0 32	10 42	2 8	18 30	0 11	9 14	1 32	30 11	7 46	6 12	5 32	15 52			n.a.
S 28	18 52	3s20	2 36	17 28	3 38	1 39	1 20	9 4	0 48	22 44	0 32	10 43	2 8	18 30	0 11	9 15	1 32	30 11	7 46	6 11	5 34	15 53			n.a.
M29	18 36	7 35	3 36	17 45	3 31	1 9	1 26	9 18	0 49	22 42	0 32	10 44	2 8	18 31	0 11	9 15	1 32	30 11	7 46	6 11	5 35	15 54			n.a.
T 30	18 21	11 29	4 24	18 2	3 22	0 39	1 32	9 32	0 49	22 40	0 33	10 45	2 7	18 31	0 11	9 16	1 32	30 11	7 46	6 11	5 36	15 56			n.a.
W31	18s 5	14s46	4n56	18s19	3n11	0s10	1n39	9n46	0n50	22s38	0s33	10n47	2s 7	18s31	0n11	9n17	1n32	30n11	7n46	6n11	5n37	15n57			n.a.

Julian Day Number = 1709735.5, Delta T = 03h01m21s
Ecliptic obliquity = 23°41'46, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°30'16, Lahiri = - 4°23'16 Julian Calendar 1 Jan. 32 BCE == Greg. Calendar 30 Dec. 033 BCE

The year -31 astronomical counting style corresponds to year 032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 32 BCE
geocentric

FEBRUARY 32 BCE (-31) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 34 45	10♒27'11	10♐49	23°R54	26♓48	23♈30	20♑48	3♉24	22♏56	10°R 5	17°R47	14°R24	15♍50	2♊26	n.a.	T 1
F 2	8 38 42	11°27'20	25°19	23♑29	27°46	24° 5	21° 2	3°27	22°58	10♍ 4	17♋46	14♍20	15°47	2°33	n.a.	F 2
S 3	8 42 38	12°27'26	9♑49	23°11	28°44	24°41	21°16	3°30	22°59	10° 3	17°45	14°16	15°44	2°39	n.a.	S 3
S 4	8 46 35	13°27'31	24°15	22°59	29°41	25°17	21°30	3°33	23° 0	10° 1	17°43	14°11	15°41	2°46	n.a.	S 4
M 5	8 50 31	14°27'34	8♒31	22°D54	0♈37	25°52	21°43	3°36	23° 2	10° 0	17°42	14° 7	15°38	2°53	n.a.	M 5
T 6	8 54 28	15°27'35	22°30	22°56	1°33	26°28	21°57	3°40	23° 3	9°58	17°41	14° 4	15°34	3° 0	n.a.	T 6
W 7	8 58 25	16°27'33	6♓ 9	23° 4	2°28	27° 4	22°11	3°43	23° 4	9°57	17°40	14° 2	15°31	3° 6	n.a.	W 7
T 8	9 2 21	17°27'30	19°26	23°18	3°22	27°39	22°25	3°47	23° 5	9°55	17°38	14°D 2	15°28	3°13	n.a.	T 8
F 9	9 6 18	18°27'24	2♈22	23°37	4°16	28°15	22°38	3°51	23° 6	9°54	17°37	14° 3	15°25	3°20	n.a.	F 9
S 10	9 10 14	19°27'16	14°57	24° 1	5° 9	28°51	22°52	3°54	23° 7	9°52	17°36	14° 4	15°22	3°27	n.a.	S 10
S 11	9 14 11	20°27'06	27°15	24°30	6° 2	29°27	23° 5	3°58	23° 8	9°51	17°35	14° 6	15°18	3°33	n.a.	S 11
M12	9 18 7	21°26'54	9♉20	25° 3	6°54	0♉ 3	23°19	4° 2	23° 9	9°49	17°34	14° 8	15°15	3°40	n.a.	M12
T 13	9 22 4	22°26'39	21°16	25°41	7°45	0°39	23°32	4° 6	23°10	9°48	17°33	14°R 8	15°12	3°47	n.a.	T 13
W14	9 26 0	23°26'22	3♊ 9	26°23	8°35	1°15	23°45	4°10	23°10	9°46	17°31	14° 8	15° 9	3°53	n.a.	W14
T 15	9 29 57	24°26'02	15° 2	27° 9	9°25	1°51	23°59	4°15	23°11	9°45	17°30	14° 6	15° 6	4° 0	n.a.	T 15
F 16	9 33 53	25°25'40	27° 1	27°58	10°13	2°27	24°12	4°19	23°12	9°43	17°29	14° 4	15° 3	4° 7	n.a.	F 16
S 17	9 37 50	26°25'16	9♋ 9	28°50	11° 1	3° 3	24°25	4°23	23°12	9°41	17°28	14° 2	14°59	4°14	n.a.	S 17
S 18	9 41 47	27°24'49	21°30	29°45	11°48	3°39	24°38	4°28	23°13	9°40	17°27	13°59	14°56	4°20	n.a.	S 18
M19	9 45 43	28°24'21	4♌ 6	0♒43	12°34	4°15	24°52	4°33	23°14	9°38	17°26	13°57	14°53	4°27	n.a.	M19
T 20	9 49 40	29°23'50	16°58	1°44	13°19	4°51	25° 5	4°37	23°14	9°37	17°25	13°55	14°50	4°34	n.a.	T 20
W21	9 53 36	0♓23'16	0♍ 6	2°48	14° 3	5°28	25°18	4°42	23°14	9°35	17°24	13°54	14°47	4°40	n.a.	W21
T 22	9 57 33	1°22'41	13°29	3°54	14°46	6° 4	25°31	4°47	23°15	9°33	17°23	13°D53	14°43	4°47	n.a.	T 22
F 23	10 1 29	2°22'03	27° 7	5° 2	15°28	6°40	25°43	4°52	23°15	9°32	17°22	13°54	14°40	4°54	n.a.	F 23
S 24	10 5 26	3°21'23	10♎57	6°12	16° 9	7°16	25°56	4°57	23°15	9°30	17°21	13°54	14°37	5° 1	n.a.	S 24
S 25	10 9 22	4°20'42	24°56	7°25	16°48	7°52	26° 9	5° 2	23°16	9°28	17°20	13°55	14°34	5° 7	n.a.	S 25
M26	10 13 19	5°19'58	9♏ 3	8°40	17°27	8°29	26°22	5° 7	23°16	9°27	17°19	13°56	14°31	5°14	n.a.	M26
T 27	10 17 16	6°19'13	23°13	9°56	18° 4	9° 5	26°34	5°12	23°16	9°25	17°19	13°56	14°28	5°21	n.a.	T 27
W28	10 21 12	7♓18'26	7♐26	11♒14	18♈40	9♉41	26♑47	5♉18	23°R16	9♍23	17♋18	13°R57	14♍24	5♊28	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s48	17s11	5n11	18s36	3n 0	0n19	1n45	10n 0	0n51	22s36	0s33	10n48	2s 7	18s32	0n11	9n17	1n32	30n12	7n46	6n12	5n39	15n58		n.a.
F 2	17 32	18 31	5 6	18 52	2 48	0 49	1 52	10 14	0 51	22 34	0 33	10 49	2 6	18 32	0 11	9 18	1 32	30 12	7 46	6 14	5 40	15 59		n.a.
S 3	17 15	18 39	4 41	19 7	2 36	1 18	1 58	10 28	0 52	22 32	0 33	10 50	2 6	18 32	0 11	9 18	1 32	30 12	7 46	6 16	5 41	16 0		n.a.
S 4	16 58	17 34	3 59	19 22	2 23	1 47	2 5	10 41	0 52	22 30	0 33	10 52	2 6	18 33	0 11	9 19	1 32	30 12	7 46	6 17	5 42	16 1		n.a.
M 5	16 40	15 24	3 2	19 35	2 10	2 16	2 12	10 55	0 53	22 28	0 33	10 53	2 6	18 33	0 11	9 19	1 32	30 12	7 46	6 19	5 44	16 2		n.a.
T 6	16 22	12 21	1 55	19 48	1 57	2 44	2 19	11 9	0 53	22 26	0 33	10 55	2 5	18 33	0 11	9 20	1 32	30 12	7 46	6 20	5 45	16 3		n.a.
W 7	16 4	8 41	0 43	20 0	1 43	3 13	2 25	11 22	0 54	22 24	0 34	10 56	2 5	18 34	0 11	9 21	1 32	30 13	7 46	6 21	5 46	16 4		n.a.
T 8	15 46	4 41	0s30	20 11	1 30	3 41	2 32	11 36	0 54	22 22	0 34	10 58	2 5	18 34	0 11	9 21	1 32	30 13	7 46	6 21	5 47	16 5		n.a.
F 9	15 27	0 34	1 39	20 21	1 17	4 9	2 39	11 49	0 55	22 20	0 34	10 59	2 4	18 34	0 11	9 22	1 32	30 13	7 46	6 20	5 49	16 6		n.a.
S 10	15 9	3n28	2 42	20 29	1 4	4 37	2 46	12 3	0 55	22 18	0 34	11 1	2 4	18 35	0 11	9 22	1 32	30 13	7 46	6 20	5 50	16 7		n.a.
S 11	14 50	7 15	3 36	20 37	0 51	5 4	2 53	12 16	0 56	22 16	0 34	11 2	2 4	18 35	0 11	9 23	1 32	30 13	7 46	6 19	5 51	16 9		n.a.
M12	14 30	10 40	4 19	20 43	0 39	5 31	3 0	12 29	0 56	22 13	0 34	11 4	2 4	18 35	0 11	9 24	1 32	30 13	7 46	6 19	5 52	16 10		n.a.
T 13	14 11	13 36	4 50	20 48	0 27	5 58	3 7	12 42	0 57	22 11	0 34	11 5	2 3	18 35	0 11	9 24	1 32	30 13	7 46	6 18	5 54	16 11		n.a.
W14	13 51	15 57	5 9	20 51	0 15	6 25	3 15	12 56	0 57	22 9	0 35	11 7	2 3	18 35	0 11	9 25	1 32	30 13	7 46	6 19	5 55	16 12		n.a.
T 15	13 31	17 38	5 15	20 54	0 4	6 51	3 22	13 9	0 58	22 7	0 35	11 9	2 3	18 36	0 11	9 25	1 33	30 13	7 46	6 19	5 56	16 13		n.a.
F 16	13 11	18 33	5 7	20 55	0s 7	7 17	3 29	13 22	0 58	22 5	0 35	11 10	2 3	18 36	0 11	9 26	1 33	30 14	7 45	6 20	5 57	16 14		n.a.
S 17	12 51	18 38	4 45	20 54	0 18	7 43	3 36	13 35	0 59	22 2	0 35	11 12	2 2	18 36	0 11	9 27	1 33	30 14	7 45	6 21	5 58	16 15		n.a.
S 18	12 30	17 50	4 10	20 53	0 28	8 8	3 43	13 48	0 59	22 0	0 35	11 14	2 2	18 36	0 11	9 27	1 33	30 14	7 45	6 22	6 0	16 16		n.a.
M19	12 9	16 10	3 22	20 50	0 38	8 33	3 51	14 0	0 59	21 58	0 35	11 16	2 2	18 36	0 11	9 28	1 33	30 14	7 45	6 23	6 1	16 17		n.a.
T 20	11 48	13 39	2 23	20 45	0 47	8 57	3 58	14 13	1 0	21 56	0 35	11 18	2 1	18 36	0 11	9 29	1 33	30 14	7 45	6 24	6 2	16 18		n.a.
W21	11 27	10 23	1 16	20 39	0 56	9 21	4 5	14 26	1 0	21 53	0 36	11 19	2 1	18 36	0 11	9 29	1 33	30 14	7 45	6 24	6 3	16 19		n.a.
T 22	11 6	6 31	0 2	20 32	1 5	9 45	4 12	14 38	1 1	21 51	0 36	11 21	2 1	18 36	0 11	9 30	1 33	30 14	7 45	6 24	6 5	16 20		n.a.
F 23	10 45	2 16	1n13	20 24	1 13	10 8	4 19	14 51	1 1	21 49	0 36	11 23	2 1	18 37	0 11	9 31	1 33	30 14	7 45	6 24	6 6	16 21		n.a.
S 24	10 23	2s10	2 24	20 13	1 21	10 31	4 27	15 3	1 1	21 47	0 36	11 25	2 1	18 37	0 11	9 31	1 33	30 14	7 45	6 24	6 7	16 22		n.a.
S 25	10 1	6 32	3 28	20 2	1 28	10 53	4 34	15 15	1 2	21 44	0 36	11 27	2 0	18 37	0 11	9 32	1 33	30 14	7 45	6 23	6 8	16 23		n.a.
M26	9 39	10 33	4 20	19 49	1 35	11 14	4 41	15 28	1 2	21 42	0 36	11 29	2 0	18 37	0 11	9 32	1 33	30 14	7 45	6 23	6 10	16 24		n.a.
T 27	9 17	14 0	4 57	19 34	1 41	11 35	4 48	15 40	1 3	21 40	0 37	11 31	2 0	18 37	0 11	9 33	1 33	30 14	7 45	6 23	6 11	16 25		n.a.
W28	8s55	16s36	5n15	19s18	1s47	11n56	4n55	15n52	1n 3	21s38	0s37	11n33	2s 0	18s37	0n11	9n34	1n33	30n14	7n45	6n23	6n12	16n26		n.a.

Julian Day Number = 1709766.5, Delta T = 03h01m20s
Ecliptic obliquity = 23°41'47, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°30'12, Lahiri = - 4°23'11 Julian Calendar 1 Feb. 32 BCE == Greg. Calendar 30 Jan. 032 BCE

The year -31 astronomical counting style corresponds to year 032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 32 BCE
geocentric

MARCH 32 BCE (-31) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 25 9	8♓17'37	21♐39	12♒35	19♈15	10♉18	26♑59	5♉23	23°R16	9°R22	17°R17	13°R56	14♍21	5♊34	n.a.	T 1
F 2	10 29 5	9°16'46	5♑49	13°57	19°48	10°54	27°12	5°29	23♏16	9♍20	17♋16	13♍56	14°18	5°41	n.a.	F 2
S 3	10 33 2	10°15'54	19°53	15°20	20°19	11°30	27°24	5°34	23°16	9°18	17°15	13°56	14°15	5°48	n.a.	S 3
S 4	10 36 58	11°14'59	3♒50	16°46	20°50	12° 7	27°36	5°40	23°15	9°17	17°15	13°55	14°12	5°54	n.a.	S 4
M 5	10 40 55	12°14'03	17°36	18°13	21°18	12°43	27°48	5°45	23°15	9°15	17°14	13°55	14° 9	6° 1	n.a.	M 5
T 6	10 44 51	13°13'04	1♓10	19°41	21°45	13°20	28° 1	5°51	23°15	9°13	17°13	13°55	14° 5	6° 8	n.a.	T 6
W 7	10 48 48	14°12'03	14°28	21°12	22°11	13°56	28°13	5°57	23°15	9°12	17°12	13°55	14° 2	6°15	n.a.	W 7
T 8	10 52 44	15°11'00	27°31	22°43	22°34	14°33	28°25	6° 3	23°14	9°10	17°12	13°55	13°59	6°21	n.a.	T 8
F 9	10 56 41	16° 9'55	10♈17	24°17	22°56	15° 9	28°36	6° 9	23°14	9° 9	17°11	13°55	13°56	6°28	n.a.	F 9
S 10	11 0 38	17° 8'48	22°48	25°52	23°16	15°46	28°48	6°15	23°13	9° 7	17°11	13°55	13°53	6°35	n.a.	S 10
S 11	11 4 34	18° 7'39	5♉ 4	27°28	23°34	16°22	29° 0	6°21	23°13	9° 5	17°10	13°54	13°49	6°41	n.a.	S 11
M12	11 8 31	19° 6'27	17°10	29° 6	23°50	16°59	29°12	6°27	23°12	9° 4	17° 9	13°53	13°46	6°48	n.a.	M12
T 13	11 12 27	20° 5'13	29° 7	0♓45	24° 4	17°35	29°23	6°33	23°12	9° 2	17° 9	13°53	13°43	6°55	n.a.	T 13
W14	11 16 24	21° 3'57	11♊ 0	2°27	24°16	18°12	29°35	6°40	23°11	9° 0	17° 8	13°52	13°40	7° 2	n.a.	W14
T 15	11 20 20	22° 2'38	22°54	4° 9	24°26	18°49	29°46	6°46	23°10	8°59	17° 8	13°D52	13°37	7° 8	n.a.	T 15
F 16	11 24 17	23° 1'17	4♋52	5°53	24°34	19°25	29°57	6°52	23° 9	8°57	17° 7	13°53	13°34	7°15	n.a.	F 16
S 17	11 28 13	23°59'54	17° 1	7°39	24°39	20° 2	0♒ 8	6°59	23° 9	8°56	17° 7	13°53	13°30	7°22	n.a.	S 17
S 18	11 32 10	24°58'28	29°23	9°26	24°42	20°38	0°19	7° 5	23° 8	8°54	17° 7	13°54	13°27	7°29	n.a.	S 18
M19	11 36 7	25°57'01	12♌ 3	11°15	24°R42	21°15	0°30	7°12	23° 7	8°52	17° 6	13°55	13°24	7°35	n.a.	M19
T 20	11 40 3	26°55'31	25° 3	13° 5	24°40	21°52	0°41	7°18	23° 6	8°51	17° 6	13°56	13°21	7°42	n.a.	T 20
W21	11 44 0	27°53'58	8♍25	14°57	24°36	22°28	0°52	7°25	23° 5	8°49	17° 6	13°R57	13°18	7°49	n.a.	W21
T 22	11 47 56	28°52'24	22° 8	16°51	24°29	23° 5	1° 3	7°32	23° 4	8°48	17° 5	13°57	13°14	7°55	n.a.	T 22
F 23	11 51 53	29°50'48	6♎10	18°46	24°20	23°42	1°13	7°39	23° 3	8°46	17° 5	13°56	13°11	8° 2	n.a.	F 23
S 24	11 55 49	0♈49'09	20°28	20°43	24° 8	24°18	1°24	7°45	23° 2	8°45	17° 5	13°54	13° 8	8° 9	n.a.	S 24
S 25	11 59 46	1°47'29	4♏56	22°41	23°54	24°55	1°34	7°52	23° 0	8°43	17° 5	13°52	13° 5	8°16	n.a.	S 25
M26	12 3 42	2°45'47	19°28	24°41	23°37	25°32	1°44	7°59	22°59	8°42	17° 4	13°50	13° 2	8°22	n.a.	M26
T 27	12 7 39	3°44'04	4♐ 0	26°42	23°18	26° 8	1°55	8° 6	22°58	8°40	17° 4	13°47	12°59	8°29	n.a.	T 27
W28	12 11 35	4°42'19	18°24	28°45	22°57	26°45	2° 5	8°13	22°57	8°39	17° 4	13°46	12°55	8°36	n.a.	W28
T 29	12 15 32	5°40'32	2♑39	0♈49	22°33	27°22	2°15	8°20	22°55	8°37	17° 4	13°D45	12°52	8°42	n.a.	T 29
F 30	12 19 29	6°38'44	16°42	2°55	22° 8	27°59	2°24	8°27	22°54	8°36	17° 4	13°45	12°49	8°49	n.a.	F 30
S 31	12 23 25	7♈36'55	0♒30	5♈ 1	21♈40	28♉35	2♒34	8♉34	22♏52	8♍35	17♋ 4	13♍46	12♍46	8♊56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	8s33	18s12	5n14	19s 0	1s52	12n15	5n 2	16n 4	1n 3	21s35	0s37	11n35	1s59	18s37	0n11	9n34	1n33	30n14	7n44	6n23	6n13	16n27			n.a.
F 2	8 10	18 40	4 54	18 41	1 57	12 35	5 9	16 16	1 4	21 33	0 37	11 37	1 59	18 37	0 11	9 35	1 33	30 14	7 44	6 23	6 15	16 28			n.a.
S 3	7 48	17 58	4 17	18 21	2 2	12 53	5 16	16 28	1 4	21 31	0 37	11 39	1 59	18 37	0 11	9 36	1 33	30 14	7 44	6 23	6 16	16 29			n.a.
S 4	7 25	16 11	3 24	17 59	2 6	13 11	5 23	16 39	1 4	21 28	0 37	11 41	1 59	18 37	0 11	9 36	1 33	30 14	7 44	6 23	6 17	16 31			n.a.
M 5	7 3	13 29	2 21	17 35	2 9	13 28	5 29	16 51	1 5	21 26	0 38	11 43	1 58	18 37	0 11	9 37	1 33	30 14	7 44	6 23	6 18	16 32			n.a.
T 6	6 40	10 5	1 10	17 10	2 13	13 45	5 36	17 2	1 5	21 24	0 38	11 45	1 58	18 37	0 11	9 38	1 33	30 14	7 44	6 24	6 20	16 33			n.a.
W 7	6 17	6 13	0s 3	16 43	2 15	14 0	5 42	17 14	1 5	21 22	0 38	11 48	1 58	18 36	0 11	9 38	1 33	30 14	7 44	6 24	6 21	16 34			n.a.
T 8	5 54	2 8	1 15	16 15	2 17	14 15	5 49	17 25	1 6	21 19	0 38	11 50	1 58	18 36	0 11	9 39	1 33	30 14	7 44	6 24	6 22	16 35			n.a.
F 9	5 31	1n57	2 21	15 45	2 19	14 29	5 55	17 36	1 6	21 17	0 38	11 52	1 58	18 36	0 11	9 39	1 33	30 14	7 44	6 24	6 23	16 36			n.a.
S 10	5 8	5 53	3 19	15 14	2 20	14 42	6 1	17 47	1 6	21 15	0 38	11 54	1 57	18 36	0 11	9 40	1 33	30 14	7 43	6 24	6 24	16 37			n.a.
S 11	4 45	9 28	4 7	14 41	2 21	14 55	6 7	17 58	1 6	21 13	0 39	11 56	1 57	18 36	0 11	9 41	1 33	30 14	7 43	6 24	6 26	16 38			n.a.
M12	4 21	12 37	4 43	14 7	2 21	15 6	6 12	18 9	1 7	21 10	0 39	11 59	1 57	18 36	0 11	9 41	1 33	30 14	7 43	6 24	6 27	16 39			n.a.
T 13	3 58	15 11	5 6	13 31	2 21	15 16	6 18	18 20	1 7	21 8	0 39	12 1	1 57	18 36	0 11	9 42	1 33	30 14	7 43	6 24	6 28	16 40			n.a.
W14	3 35	17 7	5 16	12 53	2 20	15 25	6 23	18 31	1 7	21 6	0 39	12 3	1 57	18 36	0 11	9 43	1 33	30 14	7 43	6 25	6 29	16 41			n.a.
T 15	3 11	18 18	5 13	12 15	2 19	15 34	6 28	18 41	1 7	21 4	0 39	12 5	1 56	18 35	0 11	9 43	1 33	30 14	7 43	6 25	6 31	16 42			n.a.
F 16	2 48	18 41	4 56	11 34	2 17	15 41	6 32	18 51	1 8	21 1	0 40	12 8	1 56	18 35	0 11	9 44	1 33	30 14	7 43	6 25	6 32	16 43			n.a.
S 17	2 25	18 13	4 26	10 52	2 15	15 47	6 37	19 2	1 8	20 59	0 40	12 10	1 56	18 35	0 11	9 44	1 33	30 14	7 43	6 24	6 33	16 44			n.a.
S 18	2 1	16 52	3 42	10 9	2 12	15 51	6 41	19 12	1 8	20 57	0 40	12 12	1 56	18 35	0 11	9 45	1 33	30 14	7 43	6 24	6 34	16 45			n.a.
M19	1 38	14 41	2 48	9 24	2 8	15 55	6 44	19 22	1 8	20 55	0 40	12 15	1 56	18 34	0 11	9 46	1 33	30 14	7 42	6 23	6 36	16 46			n.a.
T 20	1 14	11 42	1 43	8 37	2 4	15 57	6 47	19 32	1 9	20 52	0 40	12 17	1 55	18 34	0 11	9 46	1 33	30 14	7 42	6 23	6 37	16 47			n.a.
W21	0 51	8 2	0 31	7 50	2 0	15 58	6 50	19 42	1 9	20 50	0 40	12 19	1 55	18 34	0 11	9 47	1 33	30 14	7 42	6 23	6 38	16 48			n.a.
T 22	0 27	3 51	0n45	7 0	1 55	15 57	6 52	19 51	1 9	20 48	0 41	12 22	1 55	18 34	0 11	9 47	1 33	30 13	7 42	6 23	6 39	16 48			n.a.
F 23	0 4	0s39	2 0	6 10	1 49	15 55	6 54	20 1	1 9	20 46	0 41	12 24	1 55	18 33	0 11	9 48	1 33	30 13	7 42	6 23	6 40	16 49			n.a.
S 24	0n20	5 10	3 8	5 18	1 43	15 52	6 55	20 10	1 10	20 44	0 41	12 26	1 55	18 33	0 11	9 48	1 33	30 13	7 42	6 24	6 42	16 50			n.a.
S 25	0 43	9 27	4 5	4 25	1 37	15 47	6 56	20 20	1 10	20 42	0 41	12 29	1 54	18 33	0 11	9 49	1 33	30 13	7 42	6 25	6 43	16 51			n.a.
M26	1 7	13 11	4 47	3 30	1 30	15 41	6 56	20 29	1 10	20 40	0 41	12 31	1 54	18 33	0 11	9 50	1 33	30 13	7 41	6 26	6 44	16 52			n.a.
T 27	1 30	16 5	5 10	2 35	1 22	15 33	6 55	20 38	1 10	20 37	0 42	12 34	1 54	18 32	0 11	9 50	1 33	30 13	7 41	6 27	6 45	16 53			n.a.
W28	1 53	17 58	5 14	1 38	1 14	15 24	6 54	20 47	1 10	20 35	0 42	12 36	1 54	18 32	0 11	9 51	1 33	30 13	7 41	6 27	6 47	16 54			n.a.
T 29	2 17	18 42	4 58	0 40	1 6	15 13	6 52	20 56	1 11	20 33	0 42	12 38	1 54	18 32	0 11	9 51	1 33	30 13	7 41	6 27	6 48	16 55			n.a.
F 30	2 40	18 16	4 25	0n18	0 57	15 1	6 49	21 4	1 11	20 31	0 42	12 41	1 54	18 31	0 11	9 52	1 33	30 13	7 41	6 27	6 49	16 56			n.a.
S 31	3n 3	16s44	3n36	1n18	0s47	14n47	6n46	21n13	1n11	20s29	0s43	12n43	1s53	18s31	0n11	9n52	1n33	30n12	7n41	6n27	6n50	16n57			n.a.

Julian Day Number = 1709794.5, Delta T = 03h01m19s
Ecliptic obliquity = 23°41'47, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°30'08, Lahiri = - 4°23'08 Julian Calendar 1 March 32 BCE == Greg. Calendar 27 Feb. 032 BCE

The year -31 astronomical counting style corresponds to year 032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 32 BCE
geocentric

APRIL 32 BCE (-31) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 27 22	8♈35'03	14♒ 5	7♈ 9	21°R11	29♉12	2♒44	8♉42	22°R51	8°R33	17°D 4	13♍48	12♍43	9♊ 3	n.a.	S 1
M 2	12 31 18	9°33'10	27°26	9°17	20♈39	29°49	2°53	8°49	22♏49	8♍32	17♋ 4	13°49	12°40	9° 9	n.a.	M 2
T 3	12 35 15	10°31'16	10♓34	11°26	20° 6	0♊26	3° 3	8°56	22°48	8°30	17° 4	13°R50	12°36	9°16	n.a.	T 3
W 4	12 39 11	11°29'20	23°29	13°36	19°32	1° 3	3°12	9° 3	22°46	8°29	17° 4	13°50	12°33	9°23	n.a.	W 4
T 5	12 43 8	12°27'22	6♈12	15°45	18°57	1°39	3°21	9°11	22°44	8°28	17° 4	13°48	12°30	9°30	n.a.	T 5
F 6	12 47 4	13°25'23	18°44	17°55	18°20	2°16	3°30	9°18	22°43	8°27	17° 4	13°45	12°27	9°36	n.a.	F 6
S 7	12 51 1	14°23'22	1♉ 4	20° 4	17°43	2°53	3°39	9°25	22°41	8°25	17° 4	13°40	12°24	9°43	n.a.	S 7
S 8	12 54 58	15°21'19	13°14	22°13	17° 6	3°30	3°48	9°33	22°39	8°24	17° 4	13°35	12°20	9°50	n.a.	S 8
M 9	12 58 54	16°19'14	25°16	24°20	16°28	4° 7	3°56	9°40	22°38	8°23	17° 5	13°29	12°17	9°56	n.a.	M 9
T 10	13 2 51	17°17'08	7♊12	26°26	15°50	4°44	4° 5	9°48	22°36	8°22	17° 5	13°24	12°14	10° 3	n.a.	T 10
W11	13 6 47	18°14'59	19° 4	28°31	15°12	5°21	4°13	9°55	22°34	8°20	17° 5	13°19	12°11	10°10	n.a.	W11
T 12	13 10 44	19°12'49	0♋57	0♉34	14°35	5°57	4°21	10° 3	22°32	8°19	17° 5	13°16	12° 8	10°17	n.a.	T 12
F 13	13 14 40	20°10'38	12°54	2°35	13°58	6°34	4°29	10°10	22°30	8°18	17° 6	13°14	12° 5	10°23	n.a.	F 13
S 14	13 18 37	21° 8'24	25° 0	4°34	13°23	7°11	4°37	10°18	22°28	8°17	17° 6	13°D14	12° 1	10°30	n.a.	S 14
S 15	13 22 33	22° 6'09	7♌20	6°30	12°48	7°48	4°45	10°26	22°26	8°16	17° 6	13°15	11°58	10°37	n.a.	S 15
M16	13 26 30	23° 3'51	19°58	8°24	12°15	8°25	4°53	10°33	22°24	8°15	17° 7	13°16	11°55	10°43	n.a.	M16
T 17	13 30 27	24° 1'32	2♍59	10°15	11°44	9° 2	5° 0	10°41	22°22	8°14	17° 7	13°18	11°52	10°50	n.a.	T 17
W18	13 34 23	24°59'12	16°25	12° 3	11°14	9°39	5° 8	10°48	22°20	8°13	17° 8	13°R18	11°49	10°57	n.a.	W18
T 19	13 38 20	25°56'50	0♎18	13°48	10°46	10°16	5°15	10°56	22°18	8°12	17° 8	13°17	11°46	11° 4	n.a.	T 19
F 20	13 42 16	26°54'26	14°36	15°29	10°20	10°53	5°22	11° 4	22°16	8°11	17° 9	13°14	11°42	11°10	n.a.	F 20
S 21	13 46 13	27°52'01	29°15	17° 8	9°56	11°30	5°29	11°12	22°14	8°10	17° 9	13° 9	11°39	11°17	n.a.	S 21
S 22	13 50 9	28°49'34	14♏ 8	18°44	9°34	12° 7	5°36	11°19	22°11	8° 9	17°10	13° 3	11°36	11°24	n.a.	S 22
M23	13 54 6	29°47'07	29° 7	20°16	9°15	12°44	5°42	11°27	22° 9	8° 8	17°10	12°56	11°33	11°31	n.a.	M23
T 24	13 58 2	0♉44'38	14♐ 2	21°45	8°58	13°21	5°49	11°35	22° 7	8° 7	17°11	12°49	11°30	11°37	n.a.	T 24
W25	14 1 59	1°42'08	28°46	23°10	8°43	13°58	5°55	11°43	22° 5	8° 6	17°12	12°44	11°26	11°44	n.a.	W25
T 26	14 5 55	2°39'38	13♑12	24°33	8°31	14°35	6° 1	11°51	22° 3	8° 5	17°12	12°40	11°23	11°51	n.a.	T 26
F 27	14 9 52	3°37'06	27°18	25°51	8°22	15°12	6° 7	11°58	22° 0	8° 5	17°13	12°39	11°20	11°57	n.a.	F 27
S 28	14 13 49	4°34'34	11♒ 3	27° 7	8°14	15°49	6°13	12° 6	21°58	8° 4	17°14	12°D39	11°17	12° 4	n.a.	S 28
S 29	14 17 45	5°32'00	24°26	28°18	8° 9	16°26	6°19	12°14	21°56	8° 3	17°14	12°39	11°14	12°11	n.a.	S 29
M30	14 21 42	6♉29'26	7♓32	29♉26	8♈ 7	17♊ 3	6♒24	12♉22	21♏53	8♍ 2	17♋15	12°R40	11♍11	12♊18	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n26	14s17	2n36	2n18	0s38	14n32	6n42	21n21	1n11	20s27	0s43	12n46	1s53	18s30	0n11	9n53	1n33	30n12	7n41	6n26	6n52	16n58		n.a.
M 2	3 49	11 6	1 29	3 18	0 28	14 15	6 37	21 29	1 11	20 25	0 43	12 48	1 53	18 30	0 11	9 53	1 33	30 12	7 41	6 26	6 53	16 59		n.a.
T 3	4 13	7 24	0 18	4 18	0 17	13 58	6 31	21 37	1 11	20 23	0 43	12 51	1 53	18 30	0 11	9 54	1 33	30 12	7 40	6 25	6 54	17 0		n.a.
W 4	4 35	3 25	0s53	5 19	0 7	13 38	6 25	21 45	1 12	20 21	0 43	12 53	1 53	18 29	0 11	9 54	1 33	30 12	7 40	6 26	6 55	17 1		n.a.
T 5	4 58	0n40	2 0	6 19	0n 4	13 18	6 18	21 53	1 12	20 19	0 44	12 56	1 53	18 29	0 11	9 55	1 33	30 12	7 40	6 26	6 56	17 2		n.a.
F 6	5 21	4 39	2 59	7 20	0 15	12 57	6 10	22 1	1 12	20 17	0 44	12 58	1 53	18 28	0 11	9 55	1 33	30 12	7 40	6 28	6 58	17 3		n.a.
S 7	5 44	8 23	3 50	8 19	0 25	12 34	6 1	22 8	1 12	20 16	0 44	13 1	1 52	18 28	0 11	9 56	1 33	30 11	7 40	6 29	6 59	17 4		n.a.
S 8	6 7	11 42	4 29	9 18	0 36	12 11	5 52	22 16	1 12	20 14	0 44	13 3	1 52	18 27	0 11	9 56	1 32	30 11	7 40	6 31	7 0	17 5		n.a.
M 9	6 29	14 30	4 56	10 15	0 46	11 47	5 42	22 23	1 12	20 12	0 45	13 6	1 52	18 27	0 11	9 57	1 32	30 11	7 40	6 34	7 1	17 6		n.a.
T 10	6 51	16 40	5 9	11 11	0 57	11 22	5 31	22 30	1 13	20 10	0 45	13 8	1 52	18 27	0 11	9 57	1 32	30 11	7 39	6 36	7 3	17 7		n.a.
W11	7 14	18 6	5 10	12 6	1 7	10 57	5 20	22 37	1 13	20 8	0 45	13 11	1 52	18 26	0 11	9 57	1 32	30 11	7 39	6 37	7 4	17 7		n.a.
T 12	7 36	18 45	4 57	12 59	1 16	10 32	5 8	22 44	1 13	20 7	0 45	13 13	1 52	18 26	0 11	9 58	1 32	30 11	7 39	6 39	7 5	17 8		n.a.
F 13	7 58	18 34	4 31	13 50	1 26	10 6	4 56	22 50	1 13	20 5	0 45	13 16	1 52	18 25	0 11	9 58	1 32	30 10	7 39	6 39	7 6	17 9		n.a.
S 14	8 20	17 33	3 53	14 39	1 34	9 40	4 43	22 57	1 13	20 3	0 46	13 18	1 52	18 25	0 11	9 59	1 32	30 10	7 39	6 39	7 8	17 10		n.a.
S 15	8 42	15 41	3 3	15 26	1 42	9 14	4 30	23 3	1 13	20 1	0 46	13 21	1 51	18 24	0 11	9 59	1 32	30 10	7 39	6 39	7 9	17 11		n.a.
M16	9 4	13 2	2 3	16 11	1 50	8 49	4 16	23 9	1 13	20 0	0 46	13 23	1 51	18 24	0 11	9 59	1 32	30 10	7 39	6 38	7 10	17 12		n.a.
T 17	9 25	9 39	0 56	16 54	1 57	8 24	4 3	23 15	1 13	19 58	0 46	13 26	1 51	18 23	0 11	10 0	1 32	30 10	7 38	6 38	7 11	17 13		n.a.
W18	9 46	5 40	0n17	17 34	2 3	7 59	3 49	23 21	1 13	19 57	0 47	13 28	1 51	18 23	0 11	10 0	1 32	30 9	7 38	6 38	7 12	17 14		n.a.
T 19	10 8	1 16	1 31	18 12	2 9	7 35	3 35	23 26	1 14	19 55	0 47	13 31	1 51	18 22	0 11	10 0	1 32	30 9	7 38	6 38	7 14	17 15		n.a.
F 20	10 29	3s20	2 41	18 47	2 14	7 12	3 21	23 32	1 14	19 54	0 47	13 33	1 51	18 21	0 11	10 1	1 32	30 9	7 38	6 40	7 15	17 16		n.a.
S 21	10 50	7 51	3 42	19 20	2 18	6 50	3 7	23 37	1 14	19 52	0 47	13 36	1 51	18 21	0 11	10 1	1 32	30 9	7 38	6 41	7 16	17 17		n.a.
S 22	11 10	11 58	4 30	19 50	2 21	6 28	2 52	23 42	1 14	19 51	0 48	13 38	1 51	18 20	0 11	10 1	1 32	30 9	7 38	6 44	7 17	17 18		n.a.
M23	11 31	15 19	4 59	20 18	2 24	6 8	2 38	23 47	1 14	19 49	0 48	13 41	1 51	18 20	0 11	10 2	1 32	30 8	7 38	6 47	7 19	17 18		n.a.
T 24	11 51	17 38	5 8	20 44	2 25	5 48	2 24	23 52	1 14	19 48	0 48	13 43	1 51	18 19	0 11	10 2	1 32	30 8	7 37	6 49	7 20	17 19		n.a.
W25	12 12	18 46	4 56	21 7	2 26	5 29	2 11	23 57	1 14	19 47	0 48	13 46	1 50	18 19	0 11	10 2	1 32	30 8	7 37	6 51	7 21	17 20		n.a.
T 26	12 32	18 38	4 25	21 28	2 26	5 12	1 57	24 1	1 14	19 45	0 49	13 48	1 50	18 18	0 11	10 3	1 32	30 8	7 37	6 53	7 22	17 21		n.a.
F 27	12 51	17 20	3 39	21 47	2 25	4 56	1 44	24 6	1 14	19 44	0 49	13 51	1 50	18 17	0 11	10 3	1 32	30 7	7 37	6 53	7 23	17 22		n.a.
S 28	13 11	15 3	2 42	22 3	2 24	4 41	1 30	24 10	1 14	19 43	0 49	13 53	1 50	18 17	0 11	10 3	1 32	30 7	7 37	6 53	7 25	17 23		n.a.
S 29	13 30	12 0	1 36	22 17	2 21	4 27	1 17	24 14	1 14	19 42	0 49	13 56	1 50	18 16	0 11	10 3	1 32	30 7	7 37	6 53	7 26	17 24		n.a.
M30	13n50	8s24	0n28	22n30	2n18	4n15	1n 5	24n18	1n14	19s40	0s50	13n58	1s50	18s16	0n11	10n 4	1n32	30n 7	7n37	6n53	7n27	17n25		n.a.

Julian Day Number = 1709825.5, Delta T = 03h01m18s
Ecliptic obliquity = 23°41'47, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°30'04, Lahiri = - 4°23'03 Julian Calendar 1 Apr. 32 BCE == Greg. Calendar 30 March 032 BCE

The year -31 astronomical counting style corresponds to year 032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 32 BCE
geocentric

MAY 32 BCE (-31) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 25 38	7♉26'51	20♓22	0♊31	8°D 7	17♊40	6♒30	12♉30	21°R51	8°R 2	17♋16	12°R40	11♍ 7	12♊24	n.a.	T 1
W 2	14 29 35	8°24'15	2♈58	1°32	8♈ 9	18°17	6°35	12°38	21♏49	8♍ 1	17°17	12♍38	11° 4	12°31	n.a.	W 2
T 3	14 33 31	9°21'38	15°24	2°29	8°14	18°54	6°40	12°45	21°46	8° 1	17°18	12°34	11° 1	12°38	n.a.	T 3
F 4	14 37 28	10°19'01	27°41	3°22	8°20	19°31	6°45	12°53	21°44	8° 0	17°18	12°27	10°58	12°45	n.a.	F 4
S 5	14 41 24	11°16'22	9♉49	4°11	8°29	20° 8	6°49	13° 1	21°41	7°59	17°19	12°18	10°55	12°51	n.a.	S 5
S 6	14 45 21	12°13'43	21°51	4°57	8°40	20°45	6°54	13° 9	21°39	7°59	17°20	12° 7	10°51	12°58	n.a.	S 6
M 7	14 49 18	13°11'03	3♊48	5°38	8°53	21°22	6°58	13°17	21°37	7°58	17°21	11°56	10°48	13° 5	n.a.	M 7
T 8	14 53 14	14° 8'21	15°41	6°15	9° 8	21°59	7° 2	13°25	21°34	7°58	17°22	11°44	10°45	13°11	n.a.	T 8
W 9	14 57 11	15° 5'39	27°32	6°47	9°25	22°36	7° 6	13°33	21°32	7°58	17°23	11°35	10°42	13°18	n.a.	W 9
T 10	15 1 7	16° 2'56	9♋24	7°16	9°44	23°14	7°10	13°41	21°29	7°57	17°24	11°27	10°39	13°25	n.a.	T 10
F 11	15 5 4	17° 0'12	21°20	7°40	10° 5	23°51	7°14	13°48	21°27	7°57	17°25	11°21	10°36	13°32	n.a.	F 11
S 12	15 9 0	17°57'27	3♌25	7°59	10°27	24°28	7°17	13°56	21°24	7°56	17°26	11°18	10°32	13°38	n.a.	S 12
S 13	15 12 57	18°54'41	15°42	8°14	10°51	25° 5	7°21	14° 4	21°22	7°56	17°27	11°D17	10°29	13°45	n.a.	S 13
M14	15 16 53	19°51'54	28°16	8°24	11°17	25°42	7°24	14°12	21°19	7°56	17°28	11°17	10°26	13°52	n.a.	M14
T 15	15 20 50	20°49'06	11♍13	8°30	11°44	26°19	7°27	14°20	21°17	7°56	17°29	11°R18	10°23	13°58	n.a.	T 15
W16	15 24 47	21°46'17	24°37	8°R31	12°13	26°57	7°29	14°28	21°15	7°55	17°30	11°17	10°20	14° 5	n.a.	W16
T 17	15 28 43	22°43'27	8♎29	8°28	12°43	27°34	7°32	14°36	21°12	7°55	17°32	11°15	10°17	14°12	n.a.	T 17
F 18	15 32 40	23°40'37	22°50	8°20	13°15	28°11	7°34	14°43	21°10	7°55	17°33	11°10	10°13	14°19	n.a.	F 18
S 19	15 36 36	24°37'46	7♏37	8° 9	13°48	28°48	7°36	14°51	21° 7	7°55	17°34	11° 2	10°10	14°25	n.a.	S 19
S 20	15 40 33	25°34'54	22°43	7°53	14°22	29°25	7°38	14°59	21° 5	7°55	17°35	10°53	10° 7	14°32	n.a.	S 20
M21	15 44 29	26°32'02	7♐58	7°33	14°57	0♋ 3	7°40	15° 7	21° 2	7°55	17°36	10°43	10° 4	14°39	n.a.	M21
T 22	15 48 26	27°29'10	23°13	7° 9	15°34	0°40	7°42	15°15	21° 0	7°D55	17°38	10°33	10° 1	14°46	n.a.	T 22
W23	15 52 23	28°26'17	8♑14	6°43	16°12	1°17	7°43	15°22	20°57	7°55	17°39	10°24	9°57	14°52	n.a.	W23
T 24	15 56 19	29°23'25	22°56	6°14	16°51	1°54	7°45	15°30	20°55	7°55	17°40	10°18	9°54	14°59	n.a.	T 24
F 25	16 0 16	0♒20'32	7♒12	5°42	17°31	2°32	7°46	15°38	20°53	7°55	17°42	10°15	9°51	15° 6	n.a.	F 25
S 26	16 4 12	1°17'39	21° 1	5° 9	18°12	3° 9	7°46	15°46	20°50	7°55	17°43	10°13	9°48	15°12	n.a.	S 26
S 27	16 8 9	2°14'46	4♓24	4°34	18°55	3°46	7°47	15°53	20°48	7°55	17°44	10°13	9°45	15°19	n.a.	S 27
M28	16 12 5	3°11'54	17°25	3°59	19°38	4°23	7°48	16° 1	20°45	7°55	17°46	10°13	9°42	15°26	n.a.	M28
T 29	16 16 2	4° 9'01	0♈ 6	3°24	20°22	5° 1	7°48	16° 9	20°43	7°56	17°47	10°12	9°38	15°33	n.a.	T 29
W30	16 19 58	5° 6'08	12°32	2°49	21° 7	5°38	7°R48	16°16	20°41	7°56	17°48	10° 9	9°35	15°39	n.a.	W30
T 31	16 23 55	6♊ 3'16	24♈46	2♊15	21♈53	6♋15	7♒48	16♉24	20♏38	7♍56	17♋50	10♍ 3	9♍32	15♊46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	14n 9	4s29	0s41	22n39	2n14	4n 3	0n52	24n21	1n14	19s39	0s50	14n 1	1s50	18s15	0n11	10n 4	1n32	30n 7	7n37	6n53	7n28	17n25			n.a.
W 2	14 27	0 26	1 47	22 47	2 9	3 53	0 40	24 25	1 15	19 38	0 50	14 3	1 50	18 14	0 11	10 4	1 32	30 6	7 36	6 53	7 29	17 26			n.a.
T 3	14 46	3n35	2 46	22 53	2 3	3 44	0 29	24 28	1 15	19 37	0 51	14 5	1 50	18 14	0 11	10 4	1 32	30 6	7 36	6 55	7 31	17 27			n.a.
F 4	15 4	7 24	3 37	22 57	1 56	3 36	0 17	24 31	1 15	19 36	0 51	14 8	1 50	18 13	0 11	10 4	1 32	30 6	7 36	6 58	7 32	17 28			n.a.
S 5	15 22	10 51	4 17	22 59	1 49	3 30	0 6	24 34	1 15	19 35	0 51	14 10	1 50	18 13	0 11	10 5	1 32	30 6	7 36	7 1	7 33	17 29			n.a.
S 6	15 40	13 50	4 45	23 0	1 40	3 24	0s 4	24 37	1 15	19 34	0 51	14 13	1 50	18 12	0 11	10 5	1 32	30 5	7 36	7 5	7 34	17 30			n.a.
M 7	15 58	16 13	5 0	22 58	1 31	3 20	0 15	24 39	1 15	19 34	0 52	14 15	1 50	18 11	0 11	10 5	1 32	30 5	7 36	7 10	7 36	17 31			n.a.
T 8	16 15	17 54	5 2	22 55	1 21	3 17	0 25	24 42	1 15	19 33	0 52	14 18	1 50	18 11	0 11	10 5	1 32	30 5	7 36	7 14	7 37	17 31			n.a.
W 9	16 32	18 49	4 52	22 50	1 10	3 15	0 34	24 44	1 15	19 32	0 52	14 20	1 49	18 10	0 11	10 5	1 31	30 5	7 36	7 18	7 38	17 32			n.a.
T 10	16 49	18 54	4 28	22 43	0 58	3 14	0 44	24 46	1 15	19 31	0 52	14 22	1 49	18 9	0 11	10 5	1 31	30 4	7 35	7 21	7 39	17 33			n.a.
F 11	17 6	18 9	3 53	22 35	0 46	3 14	0 53	24 48	1 15	19 31	0 53	14 25	1 49	18 9	0 11	10 5	1 31	30 4	7 35	7 23	7 40	17 34			n.a.
S 12	17 22	16 34	3 7	22 25	0 33	3 14	1 1	24 50	1 15	19 30	0 53	14 27	1 49	18 8	0 11	10 5	1 31	30 4	7 35	7 24	7 42	17 35			n.a.
S 13	17 38	14 12	2 12	22 14	0 19	3 16	1 10	24 51	1 15	19 29	0 53	14 30	1 49	18 8	0 11	10 6	1 31	30 4	7 35	7 24	7 43	17 36			n.a.
M14	17 54	11 8	1 9	22 1	0 4	3 19	1 18	24 52	1 15	19 29	0 54	14 32	1 49	18 7	0 11	10 6	1 31	30 3	7 35	7 24	7 44	17 37			n.a.
T 15	18 9	7 26	0 0	21 47	0s11	3 23	1 25	24 54	1 15	19 28	0 54	14 34	1 49	18 6	0 11	10 6	1 31	30 3	7 35	7 24	7 45	17 37			n.a.
W16	18 24	3 14	1n10	21 32	0 26	3 27	1 33	24 54	1 15	19 28	0 54	14 37	1 49	18 6	0 11	10 6	1 31	30 3	7 35	7 25	7 47	17 38			n.a.
T 17	18 39	1s16	2 19	21 16	0 42	3 33	1 40	24 55	1 15	19 28	0 54	14 39	1 49	18 5	0 11	10 6	1 31	30 3	7 35	7 26	7 48	17 39			n.a.
F 18	18 54	5 51	3 21	20 58	0 59	3 39	1 46	24 56	1 15	19 27	0 55	14 41	1 49	18 4	0 11	10 6	1 31	30 2	7 35	7 27	7 49	17 40			n.a.
S 19	19 8	10 14	4 12	20 40	1 15	3 46	1 53	24 56	1 15	19 27	0 55	14 44	1 49	18 4	0 11	10 6	1 31	30 2	7 35	7 30	7 50	17 41			n.a.
S 20	19 22	14 2	4 46	20 21	1 32	3 54	1 59	24 57	1 15	19 27	0 55	14 46	1 49	18 3	0 11	10 6	1 31	30 2	7 34	7 34	7 51	17 42			n.a.
M21	19 35	16 55	5 1	20 1	1 48	4 2	2 5	24 57	1 15	19 27	0 56	14 48	1 49	18 2	0 11	10 6	1 31	30 2	7 34	7 38	7 53	17 42			n.a.
T 22	19 49	18 38	4 54	19 41	2 5	4 11	2 10	24 57	1 15	19 26	0 56	14 51	1 49	18 2	0 11	10 6	1 31	30 1	7 34	7 41	7 54	17 43			n.a.
W23	20 2	19 0	4 27	19 21	2 21	4 21	2 16	24 56	1 15	19 26	0 56	14 53	1 49	18 1	0 11	10 6	1 31	30 1	7 34	7 45	7 55	17 44			n.a.
T 24	20 14	18 4	3 42	19 0	2 37	4 32	2 21	24 56	1 15	19 26	0 56	14 55	1 49	18 0	0 11	10 6	1 31	30 1	7 34	7 47	7 56	17 45			n.a.
F 25	20 26	16 0	2 45	18 40	2 52	4 43	2 25	24 55	1 15	19 26	0 57	14 58	1 49	18 0	0 11	10 6	1 31	30 1	7 34	7 48	7 57	17 46			n.a.
S 26	20 38	13 4	1 40	18 19	3 7	4 54	2 30	24 54	1 15	19 26	0 57	15 0	1 49	17 59	0 11	10 5	1 31	30 0	7 34	7 49	7 59	17 46			n.a.
S 27	20 50	9 31	0 31	18 0	3 20	5 7	2 34	24 53	1 15	19 26	0 57	15 2	1 49	17 59	0 10	10 5	1 31	30 0	7 34	7 49	8 0	17 47			n.a.
M28	21 1	5 36	0s38	17 41	3 33	5 19	2 38	24 52	1 15	19 27	0 58	15 4	1 49	17 58	0 10	10 5	1 31	30 0	7 34	7 49	8 1	17 48			n.a.
T 29	21 12	1 32	1 43	17 23	3 44	5 33	2 42	24 51	1 15	19 27	0 58	15 6	1 49	17 57	0 10	10 5	1 31	29 59	7 34	7 50	8 2	17 49			n.a.
W30	21 23	2n31	2 42	17 7	3 54	5 46	2 45	24 49	1 15	19 27	0 58	15 9	1 49	17 57	0 10	10 5	1 31	29 59	7 34	7 51	8 3	17 50			n.a.
T 31	21n33	6n24	3s32	16n52	4s 3	6n 0	2s49	24n47	1n15	19s27	0s58	15n11	1s49	17s56	0n10	10n 5	1n31	29n59	7n34	7n53	8n 5	17n50			n.a.

Julian Day Number = 1709855.5, Delta T = 03h01m17s
Ecliptic obliquity = 23°41'47, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°30'00, Lahiri = - 4°22'59 Julian Calendar 1 May 32 BCE == Greg. Calendar 29 Apr. 032 BCE

The year -31 astronomical counting style corresponds to year 032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 32 BCE
geocentric

JUNE 32 BCE (-31) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 27 52	7♊ 0'24	6♉52	1°R44	22♈39	6♋53	7°R48	16♉31	20°R36	7♍56	17♋51	9°R54	9♍29	15♊53	n.a.	F 1
S 2	16 31 48	7°57'31	18°51	1♊14	23°27	7°30	7♒47	16°39	20♏34	7°57	17°53	9♍43	9°26	16° 0	n.a.	S 2
S 3	16 35 45	8°54'39	0♊47	0°47	24°15	8° 8	7°46	16°46	20°31	7°57	17°54	9°30	9°23	16° 6	n.a.	S 3
M 4	16 39 41	9°51'47	12°40	0°24	25° 4	8°45	7°45	16°54	20°29	7°57	17°56	9°16	9°19	16°13	n.a.	M 4
T 5	16 43 38	10°48'56	24°31	0° 4	25°53	9°22	7°44	17° 1	20°27	7°58	17°57	9° 2	9°16	16°20	n.a.	T 5
W 6	16 47 34	11°46'04	6♋23	29♉48	26°44	10° 0	7°43	17° 9	20°24	7°58	17°59	8°50	9°13	16°26	n.a.	W 6
T 7	16 51 31	12°43'12	18°17	29°37	27°35	10°37	7°42	17°16	20°22	7°59	18° 0	8°40	9°10	16°33	n.a.	T 7
F 8	16 55 27	13°40'20	0♌16	29°30	28°26	11°15	7°40	17°24	20°20	7°59	18° 2	8°33	9° 7	16°40	n.a.	F 8
S 9	16 59 24	14°37'28	12°22	29°D29	29°18	11°52	7°38	17°31	20°18	8° 0	18° 3	8°28	9° 3	16°47	n.a.	S 9
S 10	17 3 21	15°34'36	24°40	29°32	0♉11	12°30	7°36	17°38	20°16	8° 1	18° 5	8°26	9° 0	16°53	n.a.	S 10
M11	17 7 17	16°31'44	7♍13	29°40	1° 4	13° 7	7°34	17°45	20°14	8° 1	18° 7	8°D25	8°57	17° 0	n.a.	M11
T 12	17 11 14	17°28'52	20° 7	29°53	1°58	13°45	7°31	17°53	20°11	8° 2	18° 8	8°R25	8°54	17° 7	n.a.	T 12
W13	17 15 10	18°26'01	3♎24	0♊12	2°53	14°22	7°29	18° 0	20° 9	8° 2	18°10	8°25	8°51	17°13	n.a.	W13
T 14	17 19 7	19°23'09	17°10	0°36	3°48	15° 0	7°26	18° 7	20° 7	8° 3	18°11	8°23	8°48	17°20	n.a.	T 14
F 15	17 23 3	20°20'17	1♏24	1° 6	4°43	15°37	7°23	18°14	20° 5	8° 4	18°13	8°18	8°44	17°27	n.a.	F 15
S 16	17 27 0	21°17'26	16° 6	1°40	5°39	16°15	7°20	18°21	20° 3	8° 5	18°15	8°11	8°41	17°34	n.a.	S 16
S 17	17 30 56	22°14'35	1♐ 9	2°20	6°35	16°53	7°17	18°28	20° 1	8° 6	18°16	8° 2	8°38	17°40	n.a.	S 17
M18	17 34 53	23°11'44	16°26	3° 5	7°32	17°30	7°13	18°35	19°59	8° 6	18°18	7°52	8°35	17°47	n.a.	M18
T 19	17 38 50	24° 8'54	1♑45	3°55	8°29	18° 8	7° 9	18°42	19°58	8° 7	18°20	7°42	8°32	17°54	n.a.	T 19
W20	17 42 46	25° 6'04	16°56	4°51	9°27	18°45	7° 5	18°49	19°56	8° 8	18°22	7°33	8°29	18° 1	n.a.	W20
T 21	17 46 43	26° 3'15	1♒47	5°51	10°25	19°23	7° 1	18°56	19°54	8° 9	18°23	7°27	8°25	18° 7	n.a.	T 21
F 22	17 50 39	27° 0'27	16°13	6°57	11°23	20° 1	6°57	19° 3	19°52	8°10	18°25	7°23	8°22	18°14	n.a.	F 22
S 23	17 54 36	27°57'40	0♓11	8° 7	12°22	20°38	6°53	19° 9	19°50	8°11	18°27	7°22	8°19	18°21	n.a.	S 23
S 24	17 58 32	28°54'54	13°40	9°22	13°21	21°16	6°48	19°16	19°49	8°12	18°28	7°D21	8°16	18°27	n.a.	S 24
M25	18 2 29	29°52'08	26°42	10°42	14°21	21°54	6°44	19°23	19°47	8°13	18°30	7°R22	8°13	18°34	n.a.	M25
T 26	18 6 26	0♋49'24	9♈23	12° 6	15°21	22°31	6°39	19°29	19°45	8°14	18°32	7°22	8° 9	18°41	n.a.	T 26
W27	18 10 22	1°46'41	21°46	13°35	16°21	23° 9	6°34	19°36	19°44	8°15	18°34	7°20	8° 6	18°48	n.a.	W27
T 28	18 14 19	2°43'59	3♉56	15° 8	17°22	23°47	6°28	19°43	19°42	8°16	18°35	7°15	8° 3	18°54	n.a.	T 28
F 29	18 18 15	3°41'18	15°56	16°46	18°23	24°25	6°23	19°49	19°40	8°18	18°37	7° 9	8° 0	19° 1	n.a.	F 29
S 30	18 22 12	4♋38'38	27♉51	18♊27	19♉24	25♋ 3	6♒18	19♉55	19♏39	8♍19	18♋39	7♍ 0	7♍57	19♊ 8	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n43	9n59	4s12	16n38	4s11	6n15	2s52	24n45	1n15	19s28	0s59	15n13	1s49	17s55	0n10	10n 5	1n31	29n59	7n34	7n56	8n 6	17n51		n.a.
S 2	21 52	13 7	4 40	16 26	4 17	6 30	2 55	24 43	1 15	19 28	0 59	15 15	1 49	17 55	0 10	10 5	1 30	29 58	7 33	8 1	8 7	17 52		n.a.
S 3	22 1	15 42	4 56	16 16	4 21	6 45	2 57	24 41	1 14	19 29	0 59	15 17	1 49	17 54	0 10	10 4	1 30	29 58	7 33	8 6	8 8	17 53		n.a.
M 4	22 10	17 37	4 59	16 9	4 24	7 1	3 0	24 38	1 14	19 29	1 0	15 19	1 49	17 54	0 10	10 4	1 30	29 58	7 33	8 11	8 10	17 54		n.a.
T 5	22 18	18 46	4 49	16 3	4 26	7 17	3 2	24 36	1 14	19 30	1 0	15 22	1 49	17 53	0 10	10 4	1 30	29 58	7 33	8 16	8 11	17 54		n.a.
W 6	22 26	19 6	4 26	16 0	4 26	7 33	3 4	24 33	1 14	19 30	1 0	15 24	1 49	17 52	0 10	10 4	1 30	29 57	7 33	8 21	8 12	17 55		n.a.
T 7	22 34	18 36	3 52	15 59	4 25	7 50	3 6	24 30	1 14	19 31	1 1	15 26	1 49	17 52	0 10	10 4	1 30	29 57	7 33	8 24	8 13	17 56		n.a.
F 8	22 41	17 16	3 7	16 0	4 22	8 7	3 8	24 27	1 14	19 32	1 1	15 28	1 49	17 51	0 10	10 3	1 30	29 57	7 33	8 27	8 14	17 57		n.a.
S 9	22 48	15 9	2 13	16 3	4 18	8 24	3 9	24 23	1 14	19 33	1 1	15 30	1 49	17 51	0 10	10 3	1 30	29 56	7 33	8 29	8 16	17 57		n.a.
S 10	22 54	12 18	1 12	16 9	4 13	8 41	3 10	24 20	1 14	19 33	1 1	15 32	1 49	17 50	0 10	10 3	1 30	29 56	7 33	8 30	8 17	17 58		n.a.
M11	23 0	8 51	0 6	16 16	4 7	8 59	3 11	24 16	1 14	19 34	1 2	15 34	1 49	17 50	0 10	10 3	1 30	29 56	7 33	8 30	8 18	17 59		n.a.
T 12	23 6	4 54	1n 1	16 26	4 0	9 17	3 12	24 12	1 14	19 35	1 2	15 36	1 49	17 49	0 10	10 2	1 30	29 56	7 33	8 30	8 19	18 0		n.a.
W13	23 11	0 35	2 8	16 38	3 52	9 35	3 13	24 8	1 14	19 36	1 2	15 38	1 49	17 49	0 10	10 2	1 30	29 55	7 33	8 30	8 20	18 0		n.a.
T 14	23 16	3s54	3 10	16 52	3 43	9 53	3 14	24 4	1 14	19 37	1 3	15 40	1 49	17 48	0 10	10 2	1 30	29 55	7 33	8 31	8 22	18 1		n.a.
F 15	23 20	8 19	4 2	17 7	3 33	10 11	3 14	23 59	1 14	19 38	1 3	15 42	1 49	17 47	0 10	10 1	1 30	29 55	7 33	8 33	8 23	18 2		n.a.
S 16	23 24	12 22	4 40	17 25	3 22	10 30	3 14	23 55	1 14	19 39	1 3	15 44	1 49	17 47	0 10	10 1	1 30	29 55	7 33	8 35	8 24	18 3		n.a.
S 17	23 28	15 44	4 59	17 44	3 11	10 48	3 14	23 50	1 14	19 40	1 3	15 46	1 49	17 46	0 10	10 1	1 30	29 54	7 33	8 39	8 25	18 3		n.a.
M18	23 31	18 3	4 58	18 4	2 59	11 7	3 14	23 45	1 13	19 41	1 4	15 47	1 49	17 46	0 10	10 0	1 30	29 54	7 33	8 43	8 26	18 4		n.a.
T 19	23 34	19 5	4 36	18 25	2 47	11 25	3 14	23 40	1 13	19 43	1 4	15 49	1 49	17 45	0 10	10 0	1 30	29 54	7 33	8 46	8 28	18 5		n.a.
W20	23 36	18 45	3 54	18 48	2 35	11 44	3 14	23 35	1 13	19 44	1 4	15 51	1 49	17 45	0 10	10 0	1 30	29 54	7 33	8 50	8 29	18 6		n.a.
T 21	23 38	17 6	2 57	19 11	2 22	12 2	3 13	23 29	1 13	19 45	1 5	15 53	1 50	17 44	0 10	9 59	1 30	29 53	7 33	8 52	8 30	18 6		n.a.
F 22	23 40	14 24	1 50	19 36	2 8	12 21	3 13	23 23	1 13	19 47	1 5	15 55	1 50	17 44	0 10	9 59	1 30	29 53	7 33	8 53	8 31	18 7		n.a.
S 23	23 41	10 56	0 38	20 1	1 55	12 40	3 12	23 18	1 13	19 48	1 5	15 57	1 50	17 43	0 10	9 58	1 30	29 53	7 33	8 54	8 32	18 8		n.a.
S 24	23 41	7 0	0s33	20 26	1 41	12 59	3 11	23 12	1 13	19 49	1 5	15 58	1 50	17 43	0 10	9 58	1 30	29 53	7 33	8 54	8 34	18 9		n.a.
M25	23 42	2 52	1 41	20 51	1 27	13 17	3 10	23 5	1 13	19 51	1 6	16 0	1 50	17 43	0 10	9 57	1 30	29 52	7 33	8 54	8 35	18 9		n.a.
T 26	23 42	1n17	2 42	21 16	1 14	13 36	3 9	22 59	1 13	19 52	1 6	16 2	1 50	17 42	0 10	9 57	1 29	29 52	7 33	8 54	8 36	18 10		n.a.
W27	23 41	5 17	3 33	21 41	1 0	13 54	3 8	22 53	1 12	19 54	1 6	16 4	1 50	17 42	0 10	9 57	1 29	29 52	7 33	8 55	8 37	18 11		n.a.
T 28	23 40	8 59	4 14	22 5	0 46	14 13	3 7	22 46	1 12	19 56	1 6	16 5	1 50	17 41	0 10	9 56	1 29	29 52	7 33	8 56	8 38	18 11		n.a.
F 29	23 39	12 16	4 43	22 29	0 33	14 31	3 5	22 39	1 12	19 57	1 7	16 7	1 50	17 41	0 10	9 56	1 29	29 51	7 33	8 59	8 40	18 12		n.a.
S 30	23n37	15n 2	5s 0	22n51	0s20	14n49	3s 4	22n32	1n12	19s59	1s 7	16n 9	1s50	17s40	0n10	9n55	1n29	29n51	7n33	9n 2	8n41	18n13		n.a.

Julian Day Number = 1709886.5, Delta T = 03h01m16s
Ecliptic obliquity = 23°41'47, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°29'55, Lahiri = - 4°22'55 Julian Calendar 1 June 32 BCE == Greg. Calendar 30 May 032 BCE

The year -31 astronomical counting style corresponds to year 032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 32 BCE
geocentric

JULY 32 BCE (-31) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 26 8	5♋35'59	9♊43	20♊12	20♉26	25♋40	6°R12	20♉ 2	19°R38	8♍20	18♋41	6°R49	7♍54	19♊14	n.a.	S 1
M 2	18 30 5	6°33'21	21°35	22° 0	21°27	26°18	6♒ 6	20° 8	19♏36	8°21	18°43	6♍38	7°50	19°21	n.a.	M 2
T 3	18 34 1	7°30'44	3♋28	23°51	22°30	26°56	6° 0	20°14	19°35	8°22	18°44	6°27	7°47	19°28	n.a.	T 3
W 4	18 37 58	8°28'09	15°24	25°45	23°32	27°34	5°54	20°20	19°33	8°24	18°46	6°17	7°44	19°35	n.a.	W 4
T 5	18 41 55	9°25'34	27°24	27°41	24°35	28°12	5°48	20°26	19°32	8°25	18°48	6° 9	7°41	19°41	n.a.	T 5
F 6	18 45 51	10°23'00	9♌30	29°40	25°38	28°50	5°42	20°33	19°31	8°26	18°50	6° 3	7°38	19°48	n.a.	F 6
S 7	18 49 48	11°20'27	21°45	1♋40	26°41	29°28	5°35	20°38	19°30	8°28	18°52	6° 0	7°34	19°55	n.a.	S 7
S 8	18 53 44	12°17'55	4♍10	3°42	27°44	0♌ 6	5°29	20°44	19°28	8°29	18°54	5°D59	7°31	20° 2	n.a.	S 8
M 9	18 57 41	13°15'24	16°48	5°45	28°48	0°44	5°22	20°50	19°27	8°31	18°55	5°59	7°28	20° 8	n.a.	M 9
T 10	19 1 37	14°12'54	29°44	7°48	29°52	1°22	5°15	20°56	19°26	8°32	18°57	6° 0	7°25	20°15	n.a.	T 10
W11	19 5 34	15°10'25	13♎ 0	9°52	0♊56	2° 0	5° 8	21° 2	19°25	8°34	18°59	6°R 1	7°22	20°22	n.a.	W11
T 12	19 9 30	16° 7'57	26°40	11°55	2° 0	2°38	5° 1	21° 7	19°24	8°35	19° 1	6° 0	7°19	20°28	n.a.	T 12
F 13	19 13 27	17° 5'30	10♏44	13°59	3° 5	3°16	4°54	21°13	19°23	8°37	19° 3	5°58	7°15	20°35	n.a.	F 13
S 14	19 17 24	18° 3'03	25°12	16° 2	4°10	3°54	4°47	21°18	19°22	8°38	19° 5	5°54	7°12	20°42	n.a.	S 14
S 15	19 21 20	19° 0'38	10♐ 0	18° 5	5°15	4°32	4°40	21°24	19°21	8°40	19° 6	5°48	7° 9	20°49	n.a.	S 15
M16	19 25 17	19°58'15	25° 3	20° 7	6°20	5°10	4°32	21°29	19°21	8°41	19° 8	5°42	7° 6	20°55	n.a.	M16
T 17	19 29 13	20°55'52	10♑11	22° 8	7°26	5°48	4°25	21°35	19°20	8°43	19°10	5°35	7° 3	21° 2	n.a.	T 17
W18	19 33 10	21°53'31	25°15	24° 8	8°31	6°27	4°17	21°40	19°19	8°45	19°12	5°29	7° 0	21° 9	n.a.	W18
T 19	19 37 6	22°51'11	10♒ 5	26° 7	9°37	7° 5	4°10	21°45	19°19	8°46	19°14	5°25	6°56	21°15	n.a.	T 19
F 20	19 41 3	23°48'52	24°33	28° 5	10°43	7°43	4° 2	21°50	19°18	8°48	19°16	5°23	6°53	21°22	n.a.	F 20
S 21	19 44 59	24°46'35	8♓35	0♌ 1	11°50	8°21	3°55	21°55	19°17	8°50	19°17	5°D23	6°50	21°29	n.a.	S 21
S 22	19 48 56	25°44'20	22°10	1°56	12°56	8°59	3°47	22° 0	19°17	8°51	19°19	5°23	6°47	21°36	n.a.	S 22
M23	19 52 53	26°42'07	5♈18	3°50	14° 3	9°38	3°39	22° 5	19°16	8°53	19°21	5°25	6°44	21°42	n.a.	M23
T 24	19 56 49	27°39'55	18° 3	5°42	15° 9	10°16	3°31	22° 9	19°16	8°55	19°23	5°26	6°40	21°49	n.a.	T 24
W25	20 0 46	28°37'45	0♉28	7°34	16°16	10°54	3°23	22°14	19°16	8°57	19°25	5°R27	6°37	21°56	n.a.	W25
T 26	20 4 42	29°35'38	12°38	9°23	17°24	11°33	3°16	22°19	19°15	8°58	19°26	5°26	6°34	22° 3	n.a.	T 26
F 27	20 8 39	0♌33'32	24°38	11°12	18°31	12°11	3° 8	22°23	19°15	9° 0	19°28	5°23	6°31	22° 9	n.a.	F 27
S 28	20 12 35	1°31'28	6♊32	12°59	19°38	12°50	3° 0	22°28	19°15	9° 2	19°30	5°19	6°28	22°16	n.a.	S 28
S 29	20 16 32	2°29'26	18°23	14°45	20°46	13°28	2°52	22°32	19°15	9° 4	19°32	5°14	6°25	22°23	n.a.	S 29
M30	20 20 28	3°27'25	0♋16	16°29	21°54	14° 6	2°44	22°36	19°15	9° 6	19°34	5° 9	6°21	22°29	n.a.	M30
T 31	20 24 25	4♌25'27	12♋13	18♌13	23♊ 2	14♌45	2♒36	22♉40	19♏15	9♍ 8	19♋35	5♍ 3	6♍18	22♊36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23n35	17n 9	5s 3	23n12	0s 7	15n 7	3s 2	22n25	1n12	20s 0	1s 7	16n10	1s50	17s40	0n10	9n55	1n29	29n51	7n33	9n 6	8n42	18n14			n.a.
M 2	23 32	18 33	4 53	23 32	0n 5	15 25	3 0	22 18	1 12	20 2	1 7	16 12	1 50	17 40	0 10	9 54	1 29	29 51	7 33	9 10	8 43	18 14			n.a.
T 3	23 29	19 8	4 31	23 50	0 16	15 43	2 58	22 10	1 12	20 4	1 8	16 13	1 50	17 39	0 10	9 54	1 29	29 50	7 33	9 14	8 44	18 15			n.a.
W 4	23 25	18 53	3 56	24 5	0 28	16 1	2 56	22 2	1 12	20 6	1 8	16 15	1 50	17 39	0 10	9 53	1 29	29 50	7 33	9 18	8 46	18 16			n.a.
T 5	23 21	17 47	3 11	24 19	0 38	16 18	2 54	21 55	1 11	20 7	1 8	16 17	1 50	17 39	0 10	9 53	1 29	29 50	7 33	9 21	8 47	18 16			n.a.
F 6	23 17	15 52	2 17	24 30	0 48	16 35	2 52	21 47	1 11	20 9	1 8	16 18	1 51	17 38	0 10	9 52	1 29	29 50	7 33	9 23	8 48	18 17			n.a.
S 7	23 12	13 13	1 16	24 38	0 57	16 52	2 50	21 39	1 11	20 11	1 9	16 20	1 51	17 38	0 10	9 52	1 29	29 49	7 33	9 25	8 49	18 18			n.a.
S 8	23 7	9 56	0 10	24 44	1 6	17 9	2 48	21 30	1 11	20 13	1 9	16 21	1 51	17 38	0 10	9 51	1 29	29 49	7 33	9 25	8 50	18 18			n.a.
M 9	23 2	6 9	0n58	24 47	1 13	17 25	2 45	21 22	1 11	20 15	1 9	16 23	1 51	17 37	0 10	9 50	1 29	29 49	7 33	9 25	8 52	18 19			n.a.
T 10	22 56	2 0	2 4	24 48	1 20	17 41	2 43	21 13	1 11	20 17	1 9	16 24	1 51	17 37	0 10	9 50	1 29	29 49	7 33	9 24	8 53	18 20			n.a.
W11	22 49	2s20	3 6	24 45	1 26	17 57	2 40	21 4	1 11	20 19	1 9	16 25	1 51	17 37	0 10	9 49	1 29	29 49	7 33	9 24	8 54	18 20			n.a.
T 12	22 43	6 41	3 59	24 40	1 31	18 13	2 38	20 56	1 10	20 21	1 10	16 27	1 51	17 37	0 10	9 49	1 29	29 48	7 33	9 24	8 55	18 21			n.a.
F 13	22 35	10 47	4 39	24 33	1 36	18 28	2 35	20 46	1 10	20 22	1 10	16 28	1 51	17 36	0 10	9 48	1 29	29 48	7 33	9 25	8 56	18 22			n.a.
S 14	22 28	14 22	5 3	24 22	1 40	18 43	2 32	20 37	1 10	20 24	1 10	16 30	1 51	17 36	0 10	9 47	1 29	29 48	7 33	9 27	8 57	18 22			n.a.
S 15	22 20	17 7	5 7	24 9	1 43	18 58	2 29	20 28	1 10	20 26	1 10	16 31	1 51	17 36	0 10	9 47	1 29	29 48	7 34	9 29	8 59	18 23			n.a.
M16	22 12	18 46	4 51	23 54	1 45	19 12	2 26	20 18	1 10	20 28	1 10	16 32	1 51	17 36	0 10	9 46	1 29	29 48	7 34	9 31	9 0	18 24			n.a.
T 17	22 3	19 5	4 14	23 36	1 46	19 26	2 23	20 9	1 10	20 30	1 11	16 33	1 52	17 36	0 10	9 45	1 29	29 47	7 34	9 34	9 1	18 24			n.a.
W18	21 54	18 2	3 20	23 16	1 47	19 39	2 20	19 59	1 10	20 32	1 11	16 35	1 52	17 35	0 10	9 45	1 29	29 47	7 34	9 36	9 2	18 25			n.a.
T 19	21 44	15 47	2 13	22 55	1 47	19 52	2 17	19 49	1 9	20 34	1 11	16 36	1 52	17 35	0 10	9 44	1 29	29 47	7 34	9 37	9 3	18 26			n.a.
F 20	21 34	12 34	0 58	22 31	1 47	20 5	2 14	19 39	1 9	20 36	1 11	16 37	1 52	17 35	0 10	9 44	1 29	29 47	7 34	9 38	9 5	18 26			n.a.
S 21	21 24	8 42	0s17	22 5	1 46	20 17	2 11	19 29	1 9	20 38	1 11	16 38	1 52	17 35	0 10	9 43	1 29	29 47	7 34	9 38	9 6	18 27			n.a.
S 22	21 13	4 31	1 30	21 38	1 44	20 29	2 8	19 18	1 9	20 40	1 12	16 39	1 52	17 35	0 10	9 42	1 29	29 46	7 34	9 38	9 7	18 28			n.a.
M23	21 2	0 15	2 35	21 9	1 42	20 40	2 4	19 8	1 9	20 42	1 12	16 41	1 52	17 35	0 10	9 41	1 29	29 46	7 34	9 38	9 8	18 28			n.a.
T 24	20 51	3n54	3 31	20 39	1 39	20 51	2 1	18 57	1 8	20 44	1 12	16 42	1 52	17 35	0 10	9 41	1 29	29 46	7 34	9 37	9 9	18 29			n.a.
W25	20 39	7 46	4 16	20 8	1 36	21 2	1 58	18 47	1 8	20 46	1 12	16 43	1 52	17 34	0 10	9 40	1 29	29 46	7 34	9 37	9 11	18 30			n.a.
T 26	20 27	11 14	4 47	19 35	1 33	21 12	1 54	18 36	1 8	20 48	1 12	16 44	1 53	17 34	0 10	9 39	1 29	29 46	7 35	9 37	9 12	18 30			n.a.
F 27	20 15	14 11	5 6	19 1	1 29	21 21	1 51	18 25	1 8	20 50	1 12	16 45	1 53	17 34	0 10	9 39	1 29	29 46	7 35	9 38	9 13	18 31			n.a.
S 28	20 2	16 31	5 11	18 27	1 25	21 30	1 47	18 13	1 8	20 52	1 12	16 46	1 53	17 34	0 10	9 38	1 29	29 45	7 35	9 40	9 14	18 31			n.a.
S 29	19 49	18 9	5 3	17 51	1 20	21 39	1 44	18 2	1 7	20 54	1 12	16 47	1 53	17 34	0 10	9 37	1 29	29 45	7 35	9 41	9 15	18 32			n.a.
M30	19 35	18 59	4 42	17 15	1 15	21 47	1 40	17 51	1 7	20 56	1 13	16 48	1 53	17 34	0 9	9 36	1 28	29 45	7 35	9 44	9 16	18 33			n.a.
T 31	19n22	19n 0	4s 9	16n38	1n 9	21n54	1s37	17n39	1n 7	20s58	1s13	16n49	1s53	17s34	0n 9	9n36	1n28	29n45	7n35	9n46	9n18	18n33			n.a.

Julian Day Number = 1709916.5, Delta T = 03h01m15s
Ecliptic obliquity = 23°41'46, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°29'51, Lahiri = - 4°22'51 Julian Calendar 1 July 32 BCE == Greg. Calendar 29 June 032 BCE

The year -31 astronomical counting style corresponds to year 032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 32 BCE
geocentric

AUGUST 32 BCE (-31) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 28 22	5♌23'30	24♋15	19♌55	24♊10	15♌24	2°R28	22♉44	19°D15	9♍10	19♋37	4°R58	6♍15	22♊43	n.a.	W 1
T 2	20 32 18	6°21'35	6♌25	21°35	25°18	16° 2	2♒20	22°48	19♏15	9°12	19°39	4♍54	6°12	22°50	n.a.	T 2
F 3	20 36 15	7°19'42	18°44	23°15	26°27	16°41	2°12	22°52	19°15	9°14	19°41	4°52	6° 9	22°56	n.a.	F 3
S 4	20 40 11	8°17'51	1♍13	24°53	27°35	17°19	2° 5	22°56	19°15	9°16	19°43	4°D51	6° 6	23° 3	n.a.	S 4
S 5	20 44 8	9°16'01	13°53	26°30	28°44	17°58	1°57	23° 0	19°15	9°18	19°44	4°51	6° 2	23°10	n.a.	S 5
M 6	20 48 4	10°14'13	26°47	28° 5	29°53	18°36	1°49	23° 3	19°15	9°20	19°46	4°52	5°59	23°16	n.a.	M 6
T 7	20 52 1	11°12'27	9♎54	29°40	1♋ 2	19°15	1°41	23° 7	19°16	9°22	19°48	4°54	5°56	23°23	n.a.	T 7
W 8	20 55 57	12°10'42	23°18	1♍13	2°11	19°54	1°34	23°10	19°16	9°24	19°50	4°55	5°53	23°30	n.a.	W 8
T 9	20 59 54	13° 8'59	6♏58	2°45	3°20	20°33	1°26	23°14	19°16	9°26	19°51	4°R56	5°50	23°37	n.a.	T 9
F 10	21 3 50	14° 7'17	20°56	4°16	4°30	21°11	1°19	23°17	19°17	9°28	19°53	4°56	5°46	23°43	n.a.	F 10
S 11	21 7 47	15° 5'37	5♐11	5°45	5°39	21°50	1°11	23°20	19°17	9°30	19°55	4°55	5°43	23°50	n.a.	S 11
S 12	21 11 44	16° 3'59	19°40	7°14	6°49	22°29	1° 4	23°23	19°18	9°32	19°56	4°53	5°40	23°57	n.a.	S 12
M13	21 15 40	17° 2'23	4♑20	8°41	7°59	23° 8	0°56	23°26	19°18	9°34	19°58	4°51	5°37	24° 3	n.a.	M13
T 14	21 19 37	18° 0'48	19° 5	10° 7	9° 9	23°47	0°49	23°29	19°19	9°36	20° 0	4°49	5°34	24°10	n.a.	T 14
W15	21 23 33	18°59'15	3♒47	11°32	10°19	24°25	0°42	23°31	19°20	9°38	20° 1	4°47	5°31	24°17	n.a.	W15
T 16	21 27 30	19°57'43	18°20	12°55	11°29	25° 4	0°35	23°34	19°21	9°40	20° 3	4°46	5°27	24°24	n.a.	T 16
F 17	21 31 26	20°56'14	2♓38	14°17	12°39	25°43	0°28	23°37	19°21	9°42	20° 5	4°D45	5°24	24°30	n.a.	F 17
S 18	21 35 23	21°54'47	16°35	15°38	13°50	26°22	0°21	23°39	19°22	9°45	20° 6	4°45	5°21	24°37	n.a.	S 18
S 19	21 39 19	22°53'22	0♈ 9	16°57	15° 0	27° 1	0°14	23°41	19°23	9°47	20° 8	4°46	5°18	24°44	n.a.	S 19
M20	21 43 16	23°51'59	13°20	18°15	16°11	27°40	0° 8	23°43	19°24	9°49	20° 9	4°47	5°15	24°50	n.a.	M20
T 21	21 47 13	24°50'38	26° 8	19°31	17°21	28°19	0° 1	23°46	19°25	9°51	20°11	4°48	5°12	24°57	n.a.	T 21
W22	21 51 9	25°49'20	8♉37	20°46	18°32	28°58	29♑55	23°48	19°26	9°53	20°13	4°49	5° 8	25° 4	n.a.	W22
T 23	21 55 6	26°48'04	20°50	21°59	19°43	29°38	29°49	23°49	19°27	9°55	20°14	4°49	5° 5	25°11	n.a.	T 23
F 24	21 59 2	27°46'51	2♊52	23°11	20°54	0♍17	29°43	23°51	19°29	9°58	20°16	4°R49	5° 2	25°17	n.a.	F 24
S 25	22 2 59	28°45'39	14°46	24°20	22° 6	0°56	29°37	23°53	19°30	10° 0	20°17	4°49	4°59	25°24	n.a.	S 25
S 26	22 6 55	29°44'30	26°38	25°28	23°17	1°35	29°31	23°54	19°31	10° 2	20°19	4°48	4°56	25°31	n.a.	S 26
M27	22 10 52	0♍43'24	8♋32	26°34	24°28	2°14	29°25	23°56	19°32	10° 4	20°20	4°48	4°52	25°37	n.a.	M27
T 28	22 14 48	1°42'20	20°32	27°37	25°40	2°54	29°19	23°57	19°34	10° 6	20°22	4°47	4°49	25°44	n.a.	T 28
W29	22 18 45	2°41'18	2♌40	28°39	26°51	3°33	29°14	23°59	19°35	10° 9	20°23	4°47	4°46	25°51	n.a.	W29
T 30	22 22 42	3°40'18	15° 1	29°37	28° 3	4°12	29° 9	24° 0	19°37	10°11	20°24	4°47	4°43	25°58	n.a.	T 30
F 31	22 26 38	4♍39'21	27♌34	0♎33	29♋15	4♍52	29♑ 4	24♉ 1	19♏38	10♍13	20♋26	4♍47	4♍40	26♊ 4	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	19n 7	18n 9	3s24	16n 0	1n 4	22n 1	1s33	17n27	1n 7	21s 0	1s13	16n50	1s53	17s34	0n 9	9n35	1n28	29n45	7n35	9n47	9n19	18n34			n.a.
T 2	18 53	16 27	2 30	15 22	0 58	22 7	1 29	17 16	1 7	21 2	1 13	16 51	1 53	17 34	0 9	9 34	1 28	29 45	7 35	9 49	9 20	18 35			n.a.
F 3	18 38	13 59	1 27	14 44	0 52	22 13	1 26	17 4	1 6	21 4	1 13	16 51	1 54	17 34	0 9	9 33	1 28	29 44	7 36	9 50	9 21	18 35			n.a.
S 4	18 23	10 51	0 20	14 5	0 45	22 18	1 22	16 52	1 6	21 6	1 13	16 52	1 54	17 34	0 9	9 33	1 28	29 44	7 36	9 50	9 22	18 36			n.a.
S 5	18 8	7 10	0n50	13 25	0 38	22 23	1 18	16 39	1 6	21 8	1 13	16 53	1 54	17 35	0 9	9 32	1 28	29 44	7 36	9 50	9 24	18 36			n.a.
M 6	17 52	3 6	1 58	12 45	0 31	22 27	1 15	16 27	1 6	21 9	1 13	16 54	1 54	17 35	0 9	9 31	1 28	29 44	7 36	9 50	9 25	18 37			n.a.
T 7	17 36	1s12	3 1	12 6	0 24	22 30	1 11	16 15	1 6	21 11	1 13	16 55	1 54	17 35	0 9	9 30	1 28	29 44	7 36	9 49	9 26	18 38			n.a.
W 8	17 20	5 30	3 56	11 25	0 17	22 33	1 7	16 2	1 5	21 13	1 13	16 55	1 54	17 35	0 9	9 30	1 28	29 44	7 36	9 49	9 27	18 38			n.a.
T 9	17 3	9 36	4 39	10 45	0 10	22 36	1 4	15 50	1 5	21 15	1 13	16 56	1 54	17 35	0 9	9 29	1 28	29 44	7 36	9 48	9 28	18 39			n.a.
F 10	16 46	13 16	5 6	10 5	0 2	22 37	1 0	15 37	1 5	21 17	1 14	16 57	1 55	17 35	0 9	9 28	1 28	29 44	7 37	9 48	9 30	18 39			n.a.
S 11	16 29	16 13	5 15	9 25	0s 6	22 38	0 56	15 24	1 5	21 18	1 14	16 57	1 55	17 35	0 9	9 27	1 28	29 43	7 37	9 49	9 31	18 40			n.a.
S 12	16 11	18 13	5 5	8 44	0 13	22 39	0 53	15 11	1 4	21 20	1 14	16 58	1 55	17 35	0 9	9 26	1 28	29 43	7 37	9 49	9 32	18 40			n.a.
M13	15 54	19 3	4 35	8 4	0 21	22 38	0 49	14 58	1 4	21 22	1 14	16 59	1 55	17 36	0 9	9 26	1 28	29 43	7 37	9 50	9 33	18 41			n.a.
T 14	15 36	18 35	3 46	7 24	0 29	22 37	0 45	14 45	1 4	21 23	1 14	16 59	1 55	17 36	0 9	9 25	1 28	29 43	7 37	9 51	9 34	18 42			n.a.
W15	15 17	16 52	2 43	6 44	0 37	22 36	0 42	14 31	1 4	21 25	1 14	17 0	1 55	17 36	0 9	9 24	1 28	29 43	7 37	9 52	9 35	18 42			n.a.
T 16	14 59	14 5	1 30	6 5	0 46	22 34	0 38	14 18	1 3	21 26	1 14	17 0	1 55	17 36	0 9	9 23	1 28	29 43	7 38	9 52	9 37	18 43			n.a.
F 17	14 40	10 28	0 12	5 25	0 54	22 31	0 34	14 4	1 3	21 28	1 14	17 1	1 56	17 36	0 9	9 22	1 28	29 43	7 38	9 52	9 38	18 43			n.a.
S 18	14 21	6 21	1s 5	4 46	1 2	22 28	0 31	13 51	1 3	21 30	1 14	17 1	1 56	17 37	0 9	9 21	1 28	29 43	7 38	9 52	9 39	18 44			n.a.
S 19	14 2	2 1	2 16	4 8	1 10	22 24	0 27	13 37	1 3	21 31	1 14	17 2	1 56	17 37	0 9	9 21	1 28	29 43	7 38	9 52	9 40	18 44			n.a.
M20	13 43	2n17	3 18	3 30	1 18	22 19	0 23	13 23	1 2	21 32	1 14	17 2	1 56	17 37	0 9	9 20	1 28	29 43	7 38	9 52	9 41	18 45			n.a.
T 21	13 23	6 21	4 8	2 52	1 27	22 14	0 20	13 9	1 2	21 34	1 14	17 2	1 56	17 38	0 9	9 19	1 28	29 43	7 38	9 51	9 42	18 46			n.a.
W22	13 3	10 2	4 45	2 15	1 35	22 8	0 16	12 55	1 2	21 35	1 14	17 3	1 56	17 38	0 9	9 18	1 28	29 43	7 39	9 51	9 44	18 46			n.a.
T 23	12 43	13 13	5 8	1 38	1 43	22 1	0 13	12 41	1 2	21 37	1 14	17 3	1 56	17 38	0 9	9 17	1 28	29 43	7 39	9 51	9 45	18 47			n.a.
F 24	12 22	15 47	5 17	1 2	1 51	21 54	0 9	12 27	1 1	21 38	1 14	17 3	1 57	17 39	0 9	9 16	1 28	29 43	7 39	9 51	9 46	18 47			n.a.
S 25	12 2	17 39	5 12	0 27	1 59	21 46	0 6	12 13	1 1	21 39	1 14	17 4	1 57	17 39	0 9	9 16	1 28	29 42	7 39	9 51	9 47	18 48			n.a.
S 26	11 41	18 45	4 54	0s 7	2 7	21 37	0 2	11 58	1 1	21 40	1 14	17 4	1 57	17 39	0 9	9 15	1 28	29 42	7 39	9 51	9 48	18 48			n.a.
M27	11 20	19 2	4 24	0 41	2 15	21 28	0n 1	11 44	1 1	21 41	1 14	17 4	1 57	17 40	0 9	9 14	1 28	29 42	7 40	9 51	9 50	18 49			n.a.
T 28	10 59	18 27	3 42	1 13	2 23	21 19	0 4	11 29	1 0	21 43	1 14	17 4	1 57	17 40	0 9	9 13	1 28	29 42	7 40	9 51	9 51	18 49			n.a.
W29	10 38	17 2	2 49	1 45	2 30	21 8	0 8	11 15	1 0	21 44	1 14	17 4	1 57	17 40	0 9	9 12	1 28	29 42	7 40	9 52	9 52	18 50			n.a.
T 30	10 16	14 48	1 48	2 15	2 37	20 57	0 11	11 0	1 0	21 45	1 13	17 5	1 57	17 41	0 9	9 11	1 28	29 42	7 40	9 52	9 53	18 50			n.a.
F 31	9n54	11n49	0s40	2s44	2s44	20n45	0n14	10n45	0n59	21s46	1s13	17n 5	1s58	17s41	0n 9	9n11	1n28	29n42	7n41	9n52	9n54	18n51			n.a.

Julian Day Number = 1709947.5, Delta T = 03h01m15s
Ecliptic obliquity = 23°41'47, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°29'47, Lahiri = - 4°22'47 Julian Calendar 1 Aug. 32 BCE == Greg. Calendar 30 July 032 BCE

The year -31 astronomical counting style corresponds to year 032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 32 BCE
geocentric

SEPTEMBER 32 BCE (-31) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 30 35	5♍38'25	10♍22	1♎26	0♌27	5♍31	28°R59	24♉ 2	19♏40	10♍15	20♋27	4°R47	4♍37	26♊11	n.a.	S 1
S 2	22 34 31	6°37'32	23°24	2°16	1°39	6°11	28♏54	24° 2	19°41	10°18	20°29	4♍47	4°33	26°18	n.a.	S 2
M 3	22 38 28	7°36'40	6♎41	3° 2	2°51	6°50	28°49	24° 3	19°43	10°20	20°30	4°47	4°30	26°24	n.a.	M 3
T 4	22 42 24	8°35'51	20°11	3°44	4° 3	7°29	28°45	24° 4	19°45	10°22	20°31	4°46	4°27	26°31	n.a.	T 4
W 5	22 46 21	9°35'04	3♏53	4°22	5°15	8° 9	28°41	24° 4	19°46	10°24	20°33	4°46	4°24	26°38	n.a.	W 5
T 6	22 50 17	10°34'18	17°45	4°56	6°28	8°49	28°37	24° 4	19°48	10°26	20°34	4°45	4°21	26°45	n.a.	T 6
F 7	22 54 14	11°33'35	1♐47	5°25	7°40	9°28	28°33	24° 5	19°50	10°29	20°35	4°45	4°17	26°51	n.a.	F 7
S 8	22 58 10	12°32'53	15°57	5°48	8°53	10° 8	28°29	24° 5	19°52	10°31	20°37	4°D45	4°14	26°58	n.a.	S 8
S 9	23 2 7	13°32'13	0♑11	6° 6	10° 5	10°47	28°26	24°R 5	19°54	10°33	20°38	4°45	4°11	27° 5	n.a.	S 9
M10	23 6 4	14°31'36	14°29	6°17	11°18	11°27	28°22	24° 5	19°56	10°35	20°39	4°46	4° 8	27°11	n.a.	M10
T 11	23 10 0	15°30'59	28°46	6°R22	12°31	12° 7	28°19	24° 4	19°58	10°38	20°40	4°47	4° 5	27°18	n.a.	T 11
W12	23 13 57	16°30'25	13♒ 0	6°19	13°44	12°47	28°16	24° 4	20° 0	10°40	20°41	4°47	4° 2	27°25	n.a.	W12
T 13	23 17 53	17°29'53	27° 7	6° 8	14°57	13°26	28°14	24° 4	20° 2	10°42	20°42	4°48	3°58	27°32	n.a.	T 13
F 14	23 21 50	18°29'22	11♓ 2	5°50	16°10	14° 6	28°11	24° 3	20° 4	10°44	20°44	4°R48	3°55	27°38	n.a.	F 14
S 15	23 25 46	19°28'54	24°43	5°23	17°23	14°46	28° 9	24° 2	20° 6	10°47	20°45	4°47	3°52	27°45	n.a.	S 15
S 16	23 29 43	20°28'28	8♈ 7	4°48	18°36	15°26	28° 6	24° 2	20° 9	10°49	20°46	4°46	3°49	27°52	n.a.	S 16
M17	23 33 39	21°28'04	21°12	4° 4	19°49	16° 6	28° 4	24° 1	20°11	10°51	20°47	4°44	3°46	27°58	n.a.	M17
T 18	23 37 36	22°27'42	3♉59	3°13	21° 2	16°46	28° 3	24° 0	20°13	10°53	20°48	4°41	3°43	28° 5	n.a.	T 18
W19	23 41 32	23°27'23	16°28	2°14	22°16	17°26	28° 1	23°59	20°16	10°55	20°49	4°38	3°39	28°12	n.a.	W19
T 20	23 45 29	24°27'06	28°43	1° 8	23°29	18° 6	28° 0	23°58	20°18	10°58	20°50	4°36	3°36	28°19	n.a.	T 20
F 21	23 49 26	25°26'51	10♊45	29♍58	24°43	18°46	27°59	23°56	20°20	11° 0	20°51	4°34	3°33	28°25	n.a.	F 21
S 22	23 53 22	26°26'39	22°40	28°44	25°56	19°26	27°58	23°55	20°23	11° 2	20°52	4°D33	3°30	28°32	n.a.	S 22
S 23	23 57 19	27°26'28	4♋32	27°29	27°10	20° 6	27°57	23°53	20°25	11° 4	20°53	4°33	3°27	28°39	n.a.	S 23
M24	0 1 15	28°26'21	16°25	26°15	28°24	20°46	27°56	23°52	20°28	11° 6	20°54	4°34	3°23	28°45	n.a.	M24
T 25	0 5 12	29°26'15	28°26	25° 3	29°37	21°26	27°56	23°50	20°31	11° 8	20°54	4°36	3°20	28°52	n.a.	T 25
W26	0 9 8	0♎26'12	10♌37	23°58	0♍51	22° 7	27°D56	23°48	20°33	11°11	20°55	4°38	3°17	28°59	n.a.	W26
T 27	0 13 5	1°26'11	23° 4	22°59	2° 5	22°47	27°56	23°46	20°36	11°13	20°56	4°39	3°14	29° 6	n.a.	T 27
F 28	0 17 1	2°26'12	5♍49	22° 9	3°19	23°27	27°56	23°44	20°39	11°15	20°57	4°R40	3°11	29°12	n.a.	F 28
S 29	0 20 58	3°26'15	18°53	21°30	4°33	24° 8	27°56	23°42	20°41	11°17	20°58	4°39	3° 8	29°19	n.a.	S 29
S 30	0 24 55	4♎26'21	2♎18	21♍ 1	5♍47	24♍48	27♏57	23♉39	20♏44	11♍19	20♋58	4♍37	3♍ 4	29♊26	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n33	8n14	0n31	3s11	2s51	20n33	0n17	10n30	0n59	21s47	1s13	17n 5	1s58	17s42	0n 9	9n10	1n28	29n42	7n41	9n52	9n55	18n51		n.a.
S 2	9 10	4 12	1 42	3 37	2 57	20 20	0 21	10 15	0 59	21 48	1 13	17 5	1 58	17 42	0 9	9 9	1 28	29 42	7 41	9 52	9 57	18 52		n.a.
M 3	8 48	0s 7	2 48	4 1	3 3	20 7	0 24	10 0	0 59	21 49	1 13	17 5	1 58	17 43	0 9	9 8	1 28	29 42	7 41	9 52	9 58	18 52		n.a.
T 4	8 26	4 29	3 46	4 23	3 9	19 53	0 27	9 45	0 58	21 49	1 13	17 5	1 58	17 43	0 9	9 7	1 28	29 42	7 41	9 52	9 59	18 53		n.a.
W 5	8 4	8 41	4 32	4 43	3 14	19 38	0 30	9 30	0 58	21 50	1 13	17 5	1 58	17 44	0 9	9 6	1 28	29 42	7 42	9 52	10 0	18 53		n.a.
T 6	7 41	12 27	5 3	5 1	3 19	19 23	0 33	9 15	0 58	21 51	1 13	17 5	1 58	17 44	0 9	9 5	1 28	29 42	7 42	9 52	10 1	18 54		n.a.
F 7	7 18	15 34	5 17	5 16	3 23	19 7	0 36	8 59	0 57	21 52	1 13	17 5	1 59	17 45	0 9	9 5	1 28	29 42	7 42	9 52	10 2	18 54		n.a.
S 8	6 55	17 47	5 11	5 28	3 26	18 51	0 38	8 44	0 57	21 52	1 13	17 5	1 59	17 45	0 9	9 4	1 28	29 42	7 42	9 52	10 4	18 55		n.a.
S 9	6 32	18 55	4 46	5 37	3 28	18 34	0 41	8 28	0 57	21 53	1 13	17 4	1 59	17 46	0 9	9 3	1 28	29 43	7 43	9 52	10 5	18 55		n.a.
M10	6 9	18 51	4 4	5 43	3 30	18 17	0 44	8 13	0 56	21 54	1 13	17 4	1 59	17 46	0 9	9 2	1 28	29 43	7 43	9 52	10 6	18 56		n.a.
T 11	5 46	17 35	3 7	5 46	3 30	17 59	0 47	7 57	0 56	21 54	1 13	17 4	1 59	17 47	0 9	9 1	1 28	29 43	7 43	9 52	10 7	18 56		n.a.
W12	5 23	15 13	1 58	5 44	3 29	17 40	0 49	7 41	0 56	21 55	1 13	17 4	1 59	17 47	0 9	9 0	1 28	29 43	7 43	9 51	10 8	18 57		n.a.
T 13	4 59	11 56	0 42	5 38	3 27	17 21	0 52	7 26	0 55	21 55	1 12	17 4	1 59	17 48	0 9	9 0	1 28	29 43	7 44	9 51	10 9	18 57		n.a.
F 14	4 36	8 2	0s34	5 27	3 24	17 2	0 54	7 10	0 55	21 56	1 12	17 3	2 0	17 49	0 9	8 59	1 28	29 43	7 44	9 51	10 11	18 58		n.a.
S 15	4 12	3 46	1 48	5 12	3 19	16 42	0 57	6 54	0 55	21 56	1 12	17 3	2 0	17 49	0 9	8 58	1 28	29 43	7 44	9 51	10 12	18 58		n.a.
S 16	3 49	0n36	2 54	4 51	3 12	16 21	0 59	6 38	0 54	21 56	1 12	17 3	2 0	17 50	0 9	8 57	1 28	29 43	7 44	9 52	10 13	18 59		n.a.
M17	3 25	4 49	3 49	4 26	3 3	16 0	1 2	6 22	0 54	21 57	1 12	17 2	2 0	17 50	0 9	8 56	1 28	29 43	7 45	9 53	10 14	18 59		n.a.
T 18	3 1	8 44	4 31	3 55	2 53	15 39	1 4	6 6	0 54	21 57	1 12	17 2	2 0	17 51	0 9	8 55	1 28	29 43	7 45	9 54	10 15	19 0		n.a.
W19	2 37	12 10	4 59	3 20	2 40	15 17	1 6	5 50	0 53	21 57	1 12	17 2	2 0	17 52	0 9	8 55	1 28	29 43	7 45	9 55	10 16	19 0		n.a.
T 20	2 14	14 59	5 13	2 41	2 26	14 54	1 8	5 34	0 53	21 57	1 12	17 1	2 0	17 52	0 9	8 54	1 28	29 43	7 45	9 56	10 18	19 1		n.a.
F 21	1 50	17 8	5 13	1 58	2 10	14 31	1 10	5 18	0 53	21 57	1 12	17 1	2 1	17 53	0 9	8 53	1 28	29 43	7 46	9 56	10 19	19 1		n.a.
S 22	1 26	18 30	5 0	1 12	1 52	14 8	1 12	5 2	0 52	21 58	1 11	17 0	2 1	17 54	0 9	8 52	1 28	29 44	7 46	9 57	10 20	19 1		n.a.
S 23	1 2	19 4	4 33	0 24	1 33	13 45	1 14	4 45	0 52	21 58	1 11	17 0	2 1	17 54	0 9	8 51	1 28	29 44	7 46	9 57	10 21	19 2		n.a.
M24	0 38	18 47	3 55	0n24	1 13	13 21	1 16	4 29	0 52	21 58	1 11	16 59	2 1	17 55	0 9	8 50	1 29	29 44	7 47	9 56	10 22	19 2		n.a.
T 25	0 14	17 40	3 6	1 11	0 52	12 56	1 18	4 13	0 51	21 58	1 11	16 59	2 1	17 56	0 9	8 50	1 29	29 44	7 47	9 56	10 23	19 3		n.a.
W26	0s11	15 42	2 8	1 56	0 32	12 31	1 19	3 56	0 51	21 57	1 11	16 58	2 1	17 57	0 9	8 49	1 29	29 44	7 47	9 55	10 25	19 3		n.a.
T 27	0 35	12 59	1 3	2 38	0 11	12 6	1 21	3 40	0 51	21 57	1 11	16 57	2 1	17 57	0 9	8 48	1 29	29 44	7 47	9 54	10 26	19 4		n.a.
F 28	0 59	9 35	0n 6	3 16	0n 8	11 40	1 22	3 23	0 50	21 57	1 11	16 57	2 1	17 58	0 8	8 47	1 29	29 44	7 48	9 54	10 27	19 4		n.a.
S 29	1 23	5 37	1 17	3 49	0 27	11 15	1 24	3 7	0 50	21 57	1 11	16 56	2 2	17 59	0 8	8 46	1 29	29 45	7 48	9 55	10 28	19 5		n.a.
S 30	1s47	1n18	2n26	4n16	0n44	10n48	1n25	2n50	0n49	21s57	1s10	16n56	2s 2	18s 0	0n 8	8n46	1n29	29n45	7n48	9n55	10n29	19n 5		n.a.

Julian Day Number = 1709978.5, Delta T = 03h01m14s
Ecliptic obliquity = 23°41'48, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°29'43, Lahiri = - 4°22'42 Julian Calendar 1 Sept. 32 BCE == Greg. Calendar 30 Aug. 032 BCE

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ASTRODIENST EPHEMERIS for the year 32 BCE
geocentric

OCTOBER 32 BCE (-31) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 28 51	5♎26'28	16♎ 1	20°R44	7♍ 1	25♍28	27♑58	23°R37	20♏47	11♍21	20♋59	4°R33	3♍ 1	29♊32	n.a.	M 1
T 2	0 32 48	6°26'37	29°59	20°D39	8°16	26° 9	27°59	23♉35	20°50	11°23	21° 0	4♍28	2°58	29°39	n.a.	T 2
W 3	0 36 44	7°26'48	14♏ 9	20♍45	9°30	26°49	28° 0	23°32	20°53	11°25	21° 0	4°23	2°55	29°46	n.a.	W 3
T 4	0 40 41	8°27'01	28°25	21° 1	10°44	27°30	28° 2	23°29	20°56	11°27	21° 1	4°18	2°52	29°52	n.a.	T 4
F 5	0 44 37	9°27'15	12♐44	21°28	11°58	28°11	28° 3	23°27	20°59	11°29	21° 2	4°14	2°48	29°59	n.a.	F 5
S 6	0 48 34	10°27'31	27° 0	22° 4	13°13	28°51	28° 5	23°24	21° 1	11°31	21° 2	4°12	2°45	0♋ 6	n.a.	S 6
S 7	0 52 30	11°27'49	11♑12	22°48	14°27	29°32	28° 7	23°21	21° 4	11°33	21° 3	4°D11	2°42	0°13	n.a.	S 7
M 8	0 56 27	12°28'08	25°17	23°40	15°42	0♎12	28°10	23°18	21° 8	11°35	21° 3	4°11	2°39	0°19	n.a.	M 8
T 9	1 0 24	13°28'29	9♒13	24°38	16°56	0°53	28°12	23°14	21°11	11°37	21° 4	4°13	2°36	0°26	n.a.	T 9
W10	1 4 20	14°28'51	23° 1	25°42	18°11	1°34	28°15	23°11	21°14	11°39	21° 4	4°14	2°33	0°33	n.a.	W10
T 11	1 8 17	15°29'14	6♓40	26°51	19°25	2°15	28°18	23° 8	21°17	11°41	21° 5	4°R15	2°29	0°39	n.a.	T 11
F 12	1 12 13	16°29'40	20° 9	28° 5	20°40	2°55	28°21	23° 4	21°20	11°43	21° 5	4°13	2°26	0°46	n.a.	F 12
S 13	1 16 10	17°30'06	3♈26	29°22	21°55	3°36	28°24	23° 1	21°23	11°45	21° 5	4°10	2°23	0°53	n.a.	S 13
S 14	1 20 6	18°30'35	16°31	0♎42	23° 9	4°17	28°27	22°57	21°26	11°47	21° 6	4° 4	2°20	1° 0	n.a.	S 14
M15	1 24 3	19°31'05	29°23	2° 6	24°24	4°58	28°31	22°54	21°30	11°49	21° 6	3°57	2°17	1° 6	n.a.	M15
T 16	1 27 59	20°31'36	12♉ 1	3°31	25°39	5°39	28°35	22°50	21°33	11°51	21° 6	3°48	2°14	1°13	n.a.	T 16
W17	1 31 56	21°32'10	24°25	4°58	26°54	6°20	28°39	22°46	21°36	11°53	21° 7	3°39	2°10	1°20	n.a.	W17
T 18	1 35 52	22°32'45	6♊36	6°27	28° 9	7° 1	28°43	22°42	21°39	11°54	21° 7	3°31	2° 7	1°26	n.a.	T 18
F 19	1 39 49	23°33'22	18°37	7°57	29°24	7°42	28°47	22°38	21°43	11°56	21° 7	3°23	2° 4	1°33	n.a.	F 19
S 20	1 43 46	24°34'01	0♋31	9°28	0♎38	8°23	28°52	22°34	21°46	11°58	21° 7	3°18	2° 1	1°40	n.a.	S 20
S 21	1 47 42	25°34'42	12°21	11° 0	1°53	9° 4	28°57	22°30	21°49	12° 0	21° 7	3°15	1°58	1°46	n.a.	S 21
M22	1 51 39	26°35'24	24°13	12°32	3° 8	9°46	29° 2	22°26	21°53	12° 1	21° 7	3°D13	1°54	1°53	n.a.	M22
T 23	1 55 35	27°36'09	6♌11	14° 5	4°23	10°27	29° 7	22°22	21°56	12° 3	21° 7	3°14	1°51	2° 0	n.a.	T 23
W24	1 59 32	28°36'55	18°21	15°39	5°38	11° 8	29°12	22°17	22° 0	12° 5	21° 8	3°15	1°48	2° 7	n.a.	W24
T 25	2 3 28	29°37'42	0♍47	17°12	6°54	11°49	29°18	22°13	22° 3	12° 6	21°R 8	3°R16	1°45	2°13	n.a.	T 25
F 26	2 7 25	0♏38'31	13°35	18°46	8° 9	12°31	29°23	22° 9	22° 7	12° 8	21° 8	3°15	1°42	2°20	n.a.	F 26
S 27	2 11 21	1°39'22	26°48	20°21	9°24	13°12	29°29	22° 4	22°10	12°10	21° 7	3°12	1°39	2°27	n.a.	S 27
S 28	2 15 18	2°40'14	10♎26	21°55	10°39	13°54	29°35	22° 0	22°14	12°11	21° 7	3° 7	1°35	2°33	n.a.	S 28
M29	2 19 15	3°41'08	24°29	23°29	11°54	14°35	29°41	21°55	22°17	12°13	21° 7	3° 0	1°32	2°40	n.a.	M29
T 30	2 23 11	4°42'03	8♏53	25° 4	13° 9	15°16	29°47	21°51	22°21	12°14	21° 7	2°50	1°29	2°47	n.a.	T 30
W31	2 27 8	5♏42'59	23♏32	26♎38	14♎25	15♎58	29♑54	21♉46	22♏24	12♍16	21♋ 7	2♍40	1♍26	2♋53	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2s11	3s11	3n27	4n38	1n 0	10n22	1n27	2n34	0n49	21s56	1s10	16n55	2s 2	18s 0	0n 8	8n45	1n29	29n45	7n49	9n57	10n30	19n 5		n.a.
T 2	2 35	7 35	4 17	4 53	1 14	9 55	1 28	2 17	0 49	21 56	1 10	16 54	2 2	18 1	0 8	8 44	1 29	29 45	7 49	9 59	10 31	19 6		n.a.
W 3	2 59	11 36	4 52	5 2	1 27	9 28	1 29	2 1	0 48	21 56	1 10	16 53	2 2	18 2	0 8	8 43	1 29	29 45	7 49	10 0	10 33	19 6		n.a.
T 4	3 23	14 59	5 10	5 5	1 38	9 0	1 30	1 44	0 48	21 55	1 10	16 53	2 2	18 3	0 8	8 43	1 29	29 45	7 49	10 2	10 34	19 7		n.a.
F 5	3 47	17 29	5 8	5 3	1 47	8 33	1 31	1 27	0 47	21 55	1 10	16 52	2 2	18 3	0 8	8 42	1 29	29 46	7 50	10 4	10 35	19 7		n.a.
S 6	4 11	18 53	4 47	4 56	1 55	8 5	1 32	1 11	0 47	21 54	1 10	16 51	2 2	18 4	0 8	8 41	1 29	29 46	7 50	10 5	10 36	19 7		n.a.
S 7	4 35	19 5	4 9	4 44	2 1	7 37	1 33	0 54	0 47	21 54	1 10	16 50	2 2	18 5	0 8	8 40	1 29	29 46	7 50	10 5	10 37	19 8		n.a.
M 8	4 59	18 6	3 16	4 28	2 6	7 8	1 34	0 37	0 46	21 53	1 9	16 49	2 2	18 6	0 8	8 40	1 29	29 46	7 51	10 5	10 38	19 8		n.a.
T 9	5 22	16 1	2 12	4 7	2 9	6 39	1 34	0 21	0 46	21 52	1 9	16 48	2 2	18 7	0 8	8 39	1 29	29 46	7 51	10 4	10 40	19 9		n.a.
W10	5 46	13 2	1 1	3 44	2 11	6 11	1 35	0 4	0 45	21 52	1 9	16 48	2 3	18 8	0 8	8 38	1 29	29 47	7 51	10 4	10 41	19 9		n.a.
T 11	6 10	9 22	0s13	3 17	2 12	5 42	1 36	0s13	0 45	21 51	1 9	16 47	2 3	18 8	0 8	8 37	1 29	29 47	7 51	10 3	10 42	19 9		n.a.
F 12	6 33	5 15	1 25	2 48	2 13	5 12	1 36	0 30	0 45	21 50	1 9	16 46	2 3	18 9	0 8	8 37	1 29	29 47	7 52	10 4	10 43	19 10		n.a.
S 13	6 57	0 56	2 31	2 16	2 12	4 43	1 36	0 46	0 44	21 49	1 9	16 45	2 3	18 10	0 8	8 36	1 29	29 47	7 52	10 5	10 44	19 10		n.a.
S 14	7 20	3n22	3 28	1 42	2 10	4 13	1 37	1 3	0 44	21 49	1 9	16 44	2 3	18 11	0 8	8 35	1 29	29 47	7 52	10 7	10 45	19 11		n.a.
M15	7 43	7 25	4 14	1 7	2 8	3 44	1 37	1 20	0 43	21 48	1 8	16 43	2 3	18 12	0 8	8 35	1 29	29 48	7 53	10 10	10 46	19 11		n.a.
T 16	8 6	11 5	4 45	0 30	2 5	3 14	1 37	1 37	0 43	21 47	1 8	16 42	2 3	18 13	0 8	8 34	1 29	29 48	7 53	10 13	10 48	19 11		n.a.
W17	8 29	14 11	5 3	0s 8	2 2	2 44	1 37	1 54	0 42	21 46	1 8	16 41	2 3	18 14	0 8	8 33	1 29	29 48	7 53	10 16	10 49	19 12		n.a.
T 18	8 52	16 37	5 7	0 47	1 58	2 14	1 37	2 10	0 42	21 45	1 8	16 40	2 3	18 14	0 8	8 33	1 29	29 48	7 54	10 20	10 50	19 12		n.a.
F 19	9 15	18 17	4 56	1 27	1 54	1 44	1 37	2 27	0 42	21 44	1 8	16 39	2 3	18 15	0 8	8 32	1 29	29 49	7 54	10 22	10 51	19 12		n.a.
S 20	9 37	19 8	4 33	2 7	1 49	1 13	1 37	2 44	0 41	21 43	1 8	16 38	2 3	18 16	0 8	8 31	1 29	29 49	7 54	10 24	10 52	19 13		n.a.
S 21	10 0	19 9	3 59	2 48	1 44	0 43	1 37	3 1	0 41	21 42	1 8	16 37	2 3	18 17	0 8	8 31	1 29	29 49	7 54	10 25	10 53	19 13		n.a.
M22	10 22	18 19	3 14	3 30	1 39	0 13	1 37	3 18	0 40	21 40	1 8	16 35	2 3	18 18	0 8	8 30	1 29	29 50	7 55	10 26	10 55	19 13		n.a.
T 23	10 44	16 40	2 20	4 11	1 33	0s18	1 36	3 34	0 40	21 39	1 7	16 34	2 3	18 19	0 8	8 29	1 29	29 50	7 55	10 26	10 56	19 14		n.a.
W24	11 6	14 14	1 19	4 53	1 27	0 48	1 36	3 51	0 39	21 38	1 7	16 33	2 3	18 20	0 8	8 29	1 30	29 50	7 55	10 25	10 57	19 14		n.a.
T 25	11 28	11 6	0 13	5 35	1 21	1 19	1 35	4 8	0 39	21 37	1 7	16 32	2 3	18 21	0 8	8 28	1 30	29 50	7 56	10 25	10 58	19 14		n.a.
F 26	11 49	7 22	0n55	6 17	1 15	1 49	1 35	4 24	0 38	21 35	1 7	16 31	2 3	18 22	0 8	8 28	1 30	29 51	7 56	10 25	10 59	19 15		n.a.
S 27	12 11	3 9	2 2	6 59	1 8	2 19	1 34	4 41	0 38	21 34	1 7	16 30	2 3	18 23	0 8	8 27	1 30	29 51	7 56	10 26	11 0	19 15		n.a.
S 28	12 32	1s21	3 5	7 40	1 2	2 50	1 33	4 58	0 37	21 33	1 7	16 29	2 3	18 23	0 8	8 26	1 30	29 51	7 57	10 28	11 1	19 15		n.a.
M29	12 53	5 54	3 58	8 22	0 55	3 20	1 33	5 15	0 37	21 31	1 7	16 27	2 3	18 24	0 8	8 26	1 30	29 52	7 57	10 31	11 3	19 16		n.a.
T 30	13 14	10 14	4 37	9 3	0 49	3 50	1 32	5 31	0 36	21 30	1 6	16 26	2 3	18 25	0 8	8 25	1 30	29 52	7 57	10 34	11 4	19 16		n.a.
W31	13s34	14s 2	4n59	9s44	0n42	4s21	1n31	5s48	0n36	21s28	1s 6	16n25	2s 3	18s26	0n 8	8n25	1n30	29n52	7n57	10n38	11n 5	19n16		n.a.

Julian Day Number = 1710008.5, Delta T = 03h01m13s
Ecliptic obliquity = 23°41'48, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°29'39, Lahiri = - 4°22'38 Julian Calendar 1 Oct. 32 BCE == Greg. Calendar 29 Sept. 032 BCE

The year -31 astronomical counting style corresponds to year 032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 32 BCE
geocentric

NOVEMBER 32 BCE (-31) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 31 4	6♏43'56	8♐18	28♎12	15♎40	16♎40	0♒ 1	21°R41	22♏28	12♍17	21°R 7	2°R30	1♍23	3♋ 0	n.a.	T 1
F 2	2 35 1	7°44'54	23° 2	29°47	16°55	17°21	0° 7	21♉36	22°31	12°19	21♋ 7	2♍21	1°20	3° 7	n.a.	F 2
S 3	2 38 57	8°45'54	7♑38	1♏21	18°10	18° 3	0°14	21°32	22°35	12°20	21° 6	2°15	1°16	3°14	n.a.	S 3
S 4	2 42 54	9°46'54	22° 0	2°55	19°26	18°44	0°22	21°27	22°38	12°22	21° 6	2°11	1°13	3°20	n.a.	S 4
M 5	2 46 50	10°47'55	6♒ 7	4°30	20°41	19°26	0°29	21°22	22°42	12°23	21° 6	2°D10	1°10	3°27	n.a.	M 5
T 6	2 50 47	11°48'56	19°56	6° 4	21°56	20° 8	0°36	21°17	22°46	12°24	21° 6	2°10	1° 7	3°34	n.a.	T 6
W 7	2 54 44	12°49'59	3♓29	7°38	23°12	20°50	0°44	21°12	22°49	12°26	21° 5	2°R10	1° 4	3°40	n.a.	W 7
T 8	2 58 40	13°51'01	16°48	9°12	24°27	21°32	0°52	21° 7	22°53	12°27	21° 5	2°10	1° 0	3°47	n.a.	T 8
F 9	3 2 37	14°52'05	29°55	10°46	25°42	22°13	1° 0	21° 2	22°56	12°28	21° 4	2° 6	0°57	3°54	n.a.	F 9
S 10	3 6 33	15°53'09	12♈49	12°20	26°57	22°55	1° 8	20°57	23° 0	12°29	21° 4	2° 1	0°54	4° 1	n.a.	S 10
S 11	3 10 30	16°54'14	25°33	13°55	28°13	23°37	1°16	20°52	23° 4	12°31	21° 4	1°51	0°51	4° 7	n.a.	S 11
M12	3 14 26	17°55'19	8♉ 7	15°29	29°28	24°19	1°24	20°47	23° 7	12°32	21° 3	1°40	0°48	4°14	n.a.	M12
T 13	3 18 23	18°56'26	20°31	17° 3	0♏44	25° 1	1°33	20°42	23°11	12°33	21° 3	1°26	0°45	4°21	n.a.	T 13
W14	3 22 19	19°57'33	2♊46	18°38	1°59	25°43	1°42	20°37	23°15	12°34	21° 2	1°12	0°41	4°27	n.a.	W14
T 15	3 26 16	20°58'41	14°51	20°12	3°14	26°25	1°50	20°33	23°18	12°35	21° 1	0°58	0°38	4°34	n.a.	T 15
F 16	3 30 13	21°59'50	26°48	21°46	4°30	27° 7	1°59	20°28	23°22	12°36	21° 1	0°45	0°35	4°41	n.a.	F 16
S 17	3 34 9	23° 0'59	8♋40	23°21	5°45	27°50	2° 8	20°23	23°26	12°37	21° 0	0°36	0°32	4°47	n.a.	S 17
S 18	3 38 6	24° 2'09	20°29	24°56	7° 1	28°32	2°18	20°18	23°29	12°38	21° 0	0°29	0°29	4°54	n.a.	S 18
M19	3 42 2	25° 3'21	2♌18	26°31	8°16	29°14	2°27	20°13	23°33	12°39	20°59	0°24	0°25	5° 1	n.a.	M19
T 20	3 45 59	26° 4'32	14°13	28° 6	9°31	29°56	2°36	20° 8	23°37	12°40	20°58	0°23	0°22	5° 8	n.a.	T 20
W21	3 49 55	27° 5'45	26°19	29°41	10°47	0♏39	2°46	20° 3	23°40	12°41	20°58	0°22	0°19	5°14	n.a.	W21
T 22	3 53 52	28° 6'58	8♍41	1♐16	12° 2	1°21	2°56	19°58	23°44	12°42	20°57	0°22	0°16	5°21	n.a.	T 22
F 23	3 57 49	29° 8'12	21°25	2°52	13°18	2° 3	3° 6	19°53	23°48	12°43	20°56	0°21	0°13	5°28	n.a.	F 23
S 24	4 1 45	0♐ 9'26	4♎35	4°28	14°33	2°46	3°16	19°48	23°51	12°44	20°55	0°18	0°10	5°34	n.a.	S 24
S 25	4 5 42	1°10'41	18°14	6° 4	15°49	3°28	3°26	19°43	23°55	12°44	20°54	0°12	0° 6	5°41	n.a.	S 25
M26	4 9 38	2°11'57	2♏23	7°40	17° 4	4°11	3°36	19°38	23°59	12°45	20°54	0° 4	0° 3	5°48	n.a.	M26
T 27	4 13 35	3°13'13	16°59	9°16	18°20	4°53	3°46	19°34	24° 2	12°46	20°53	29♌53	0° 0	5°54	n.a.	T 27
W28	4 17 31	4°14'29	1♐55	10°53	19°35	5°36	3°57	19°29	24° 6	12°46	20°52	29°41	29♌57	6° 1	n.a.	W28
T 29	4 21 28	5°15'46	17° 3	12°30	20°51	6°19	4° 7	19°24	24° 9	12°47	20°51	29°29	29°54	6° 8	n.a.	T 29
F 30	4 25 24	6♐17'03	2♑12	14♐ 7	22♏ 6	7♏ 1	4♒18	19♉19	24♏13	12♍48	20♋50	29♌19	29♌51	6♋14	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13 s54	16 s58	5n 2	10 s24	0n35	4 s51	1n30	6 s 4	0n35	21 s27	1 s 6	16n24	2 s 3	18 s27	0n 8	8n24	1n30	29n53	7n58	10n42	11n 6	19n17		n.a.
F 2	14 15	18 47	4 44	11 4	0 29	5 21	1 29	6 21	0 35	21 25	1 6	16 23	2 3	18 28	0 8	8 24	1 30	29 53	7 58	10 45	11 7	19 17		n.a.
S 3	14 34	19 21	4 8	11 44	0 22	5 51	1 28	6 37	0 34	21 23	1 6	16 21	2 3	18 29	0 8	8 23	1 30	29 53	7 58	10 47	11 8	19 17		n.a.
S 4	14 54	18 39	3 16	12 23	0 15	6 21	1 27	6 54	0 34	21 22	1 6	16 20	2 3	18 30	0 8	8 23	1 30	29 54	7 59	10 48	11 9	19 18		n.a.
M 5	15 13	16 47	2 14	13 1	0 8	6 51	1 25	7 10	0 33	21 20	1 6	16 19	2 3	18 31	0 8	8 22	1 30	29 54	7 59	10 49	11 11	19 18		n.a.
T 6	15 33	13 58	1 5	13 40	0 2	7 20	1 24	7 27	0 33	21 18	1 6	16 18	2 3	18 32	0 8	8 22	1 30	29 54	7 59	10 49	11 12	19 18		n.a.
W 7	15 51	10 27	0 s 7	14 17	0 s 5	7 50	1 23	7 43	0 32	21 16	1 5	16 16	2 3	18 33	0 8	8 21	1 30	29 55	7 59	10 49	11 13	19 19		n.a.
T 8	16 10	6 26	1 17	14 54	0 12	8 19	1 21	7 59	0 32	21 15	1 5	16 15	2 3	18 34	0 8	8 21	1 30	29 55	8 0	10 49	11 14	19 19		n.a.
F 9	16 28	2 12	2 21	15 30	0 18	8 48	1 20	8 16	0 31	21 13	1 5	16 14	2 3	18 35	0 8	8 20	1 30	29 55	8 0	10 50	11 15	19 19		n.a.
S 10	16 46	2n 5	3 18	16 6	0 25	9 17	1 18	8 32	0 31	21 11	1 5	16 13	2 3	18 36	0 8	8 20	1 30	29 56	8 0	10 52	11 16	19 19		n.a.
S 11	17 4	6 13	4 3	16 41	0 31	9 45	1 17	8 48	0 30	21 9	1 5	16 11	2 3	18 37	0 8	8 20	1 30	29 56	8 1	10 56	11 17	19 20		n.a.
M12	17 21	10 1	4 36	17 15	0 37	10 14	1 15	9 4	0 30	21 7	1 5	16 10	2 3	18 37	0 8	8 19	1 30	29 56	8 1	11 0	11 19	19 20		n.a.
T 13	17 38	13 20	4 55	17 48	0 43	10 42	1 14	9 20	0 29	21 5	1 5	16 9	2 3	18 38	0 8	8 19	1 31	29 57	8 1	11 5	11 20	19 20		n.a.
W14	17 55	16 2	5 0	18 21	0 49	11 10	1 12	9 36	0 29	21 3	1 5	16 8	2 3	18 39	0 8	8 18	1 31	29 57	8 1	11 10	11 21	19 21		n.a.
T 15	18 12	18 0	4 51	18 52	0 55	11 38	1 10	9 52	0 28	21 1	1 5	16 6	2 3	18 40	0 8	8 18	1 31	29 57	8 2	11 15	11 22	19 21		n.a.
F 16	18 28	19 9	4 30	19 23	1 1	12 5	1 8	10 8	0 28	20 59	1 4	16 5	2 3	18 41	0 8	8 18	1 31	29 58	8 2	11 19	11 23	19 21		n.a.
S 17	18 44	19 28	3 57	19 53	1 7	12 32	1 7	10 24	0 27	20 56	1 4	16 4	2 2	18 42	0 8	8 17	1 31	29 58	8 2	11 23	11 24	19 21		n.a.
S 18	18 59	18 55	3 14	20 22	1 12	12 59	1 5	10 39	0 26	20 54	1 4	16 3	2 2	18 43	0 8	8 17	1 31	29 59	8 3	11 25	11 25	19 22		n.a.
M19	19 14	17 33	2 23	20 50	1 18	13 25	1 3	10 55	0 26	20 52	1 4	16 1	2 2	18 44	0 8	8 17	1 31	29 59	8 3	11 27	11 26	19 22		n.a.
T 20	19 29	15 24	1 24	21 17	1 23	13 52	1 1	11 11	0 25	20 50	1 4	16 0	2 2	18 45	0 8	8 16	1 31	29 59	8 3	11 27	11 28	19 22		n.a.
W21	19 43	12 33	0 21	21 43	1 28	14 17	0 59	11 26	0 25	20 47	1 4	15 59	2 2	18 46	0 8	8 16	1 31	30 0	8 3	11 28	11 29	19 22		n.a.
T 22	19 57	9 5	0n44	22 8	1 32	14 43	0 57	11 42	0 24	20 45	1 4	15 58	2 2	18 47	0 8	8 16	1 31	30 0	8 4	11 28	11 30	19 23		n.a.
F 23	20 11	5 6	1 49	22 32	1 37	15 8	0 55	11 57	0 24	20 43	1 4	15 57	2 2	18 48	0 8	8 16	1 31	30 0	8 4	11 28	11 31	19 23		n.a.
S 24	20 24	0 46	2 50	22 55	1 41	15 33	0 52	12 12	0 23	20 40	1 4	15 55	2 2	18 49	0 8	8 15	1 31	30 1	8 4	11 29	11 32	19 23		n.a.
S 25	20 37	3 s46	3 44	23 16	1 45	15 57	0 50	12 27	0 22	20 38	1 4	15 54	2 2	18 50	0 8	8 15	1 31	30 1	8 4	11 31	11 33	19 23		n.a.
M26	20 49	8 16	4 26	23 37	1 49	16 21	0 48	12 42	0 22	20 35	1 3	15 53	2 1	18 50	0 8	8 15	1 31	30 2	8 5	11 34	11 34	19 24		n.a.
T 27	21 2	12 24	4 53	23 56	1 52	16 44	0 46	12 57	0 21	20 33	1 3	15 52	2 1	18 51	0 8	8 15	1 31	30 2	8 5	11 38	11 36	19 24		n.a.
W28	21 13	15 52	5 0	24 13	1 55	17 7	0 44	13 12	0 21	20 30	1 3	15 51	2 1	18 52	0 8	8 14	1 31	30 2	8 5	11 42	11 37	19 24		n.a.
T 29	21 24	18 18	4 46	24 30	1 58	17 30	0 41	13 27	0 20	20 27	1 3	15 50	2 1	18 53	0 8	8 14	1 31	30 3	8 5	11 47	11 38	19 24		n.a.
F 30	21 s35	19 s28	4n13	24 s44	2 s 1	17 s52	0n39	13 s42	0n19	20 s25	1 s 3	15n49	2 s 1	18 s54	0n 8	8n14	1n31	30n 3	8n 6	11n50	11n39	19n24		n.a.

Julian Day Number = 1710039.5, Delta T = 03h01m12s
Ecliptic obliquity = 23°41'47, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°29'35, Lahiri = - 4°22'34 Julian Calendar 1 Nov. 32 BCE == Greg. Calendar 30 Oct. 032 BCE

The year -31 astronomical counting style corresponds to year 032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 32 BCE
geocentric

DECEMBER 32 BCE (-31) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 29 21	7♐18'19	17♑12	15♐44	23♏21	7♏44	4♒29	19°R15	24♏17	12♍48	20°R49	29°R11	29♌47	6♋21	n.a.	S 1
S 2	4 33 18	8°19'35	1♒55	17°22	24°37	8°27	4°40	19♉10	24°20	12°49	20♋48	29♌ 6	29°44	6°28	n.a.	S 2
M 3	4 37 14	9°20'52	16°15	18°59	25°52	9° 9	4°51	19° 6	24°24	12°49	20°47	29° 4	29°41	6°35	n.a.	M 3
T 4	4 41 11	10°22'07	0♓11	20°37	27° 8	9°52	5° 2	19° 1	24°27	12°50	20°46	29°D 3	29°38	6°41	n.a.	T 4
W 5	4 45 7	11°23'22	13°45	22°15	28°23	10°35	5°13	18°57	24°31	12°50	20°45	29°R 3	29°35	6°48	n.a.	W 5
T 6	4 49 4	12°24'37	26°57	23°52	29°39	11°18	5°24	18°52	24°34	12°51	20°44	29° 3	29°31	6°55	n.a.	T 6
F 7	4 53 0	13°25'52	9♈52	25°30	0♐54	12° 1	5°36	18°48	24°38	12°51	20°43	29° 0	29°28	7° 1	n.a.	F 7
S 8	4 56 57	14°27'05	22°32	27° 7	2° 9	12°44	5°47	18°44	24°42	12°51	20°42	28°54	29°25	7° 8	n.a.	S 8
S 9	5 0 53	15°28'19	5♉ 0	28°44	3°25	13°27	5°59	18°40	24°45	12°52	20°41	28°46	29°22	7°15	n.a.	S 9
M10	5 4 50	16°29'32	17°18	0♑21	4°40	14°10	6°10	18°36	24°48	12°52	20°40	28°35	29°19	7°21	n.a.	M10
T 11	5 8 47	17°30'45	29°29	1°57	5°56	14°53	6°22	18°32	24°52	12°52	20°38	28°22	29°16	7°28	n.a.	T 11
W12	5 12 43	18°31'57	11♊32	3°32	7°11	15°36	6°34	18°28	24°55	12°52	20°37	28° 8	29°12	7°35	n.a.	W12
T 13	5 16 40	19°33'09	23°30	5° 6	8°27	16°19	6°46	18°24	24°59	12°52	20°36	27°54	29° 9	7°42	n.a.	T 13
F 14	5 20 36	20°34'20	5♋23	6°39	9°42	17° 2	6°58	18°20	25° 2	12°53	20°35	27°43	29° 6	7°48	n.a.	F 14
S 15	5 24 33	21°35'31	17°13	8°10	10°57	17°45	7°10	18°16	25° 6	12°53	20°34	27°33	29° 3	7°55	n.a.	S 15
S 16	5 28 29	22°36'41	29° 2	9°39	12°13	18°29	7°22	18°12	25° 9	12°53	20°32	27°26	29° 0	8° 2	n.a.	S 16
M17	5 32 26	23°37'51	10♌53	11° 6	13°28	19°12	7°35	18° 9	25°12	12°R53	20°31	27°22	28°57	8° 8	n.a.	M17
T 18	5 36 22	24°39'01	22°48	12°30	14°43	19°55	7°47	18° 5	25°16	12°53	20°30	27°D21	28°53	8°15	n.a.	T 18
W19	5 40 19	25°40'10	4♍54	13°50	15°59	20°38	8° 0	18° 2	25°19	12°53	20°29	27°21	28°50	8°22	n.a.	W19
T 20	5 44 16	26°41'19	17°13	15° 7	17°14	21°22	8°12	17°59	25°22	12°53	20°27	27°21	28°47	8°28	n.a.	T 20
F 21	5 48 12	27°42'28	29°52	16°18	18°29	22° 5	8°25	17°55	25°25	12°52	20°26	27°R22	28°44	8°35	n.a.	F 21
S 22	5 52 9	28°43'35	12♎55	17°24	19°45	22°49	8°37	17°52	25°29	12°52	20°25	27°21	28°41	8°42	n.a.	S 22
S 23	5 56 5	29°44'43	26°25	18°24	21° 0	23°32	8°50	17°49	25°32	12°52	20°23	27°18	28°37	8°48	n.a.	S 23
M24	6 0 2	0♑45'50	10♏26	19°17	22°15	24°16	9° 3	17°46	25°35	12°52	20°22	27°12	28°34	8°55	n.a.	M24
T 25	6 3 58	1°46'56	24°56	20° 2	23°31	24°59	9°16	17°43	25°38	12°52	20°21	27° 5	28°31	9° 2	n.a.	T 25
W26	6 7 55	2°48'02	9♐51	20°38	24°46	25°43	9°29	17°41	25°41	12°51	20°19	26°56	28°28	9° 9	n.a.	W26
T 27	6 11 52	3°49'07	25° 3	21° 4	26° 1	26°26	9°42	17°38	25°44	12°51	20°18	26°47	28°25	9°15	n.a.	T 27
F 28	6 15 48	4°50'11	10♑23	21°20	27°17	27°10	9°55	17°35	25°47	12°51	20°17	26°40	28°22	9°22	n.a.	F 28
S 29	6 19 45	5°51'14	25°37	21°R25	28°32	27°54	10° 8	17°33	25°50	12°50	20°15	26°34	28°18	9°29	n.a.	S 29
S 30	6 23 41	6°52'16	10♒37	21°19	29°47	28°37	10°21	17°30	25°53	12°50	20°14	26°31	28°15	9°35	n.a.	S 30
M31	6 27 38	7♑53'16	25♒15	21♑ 1	1♑ 3	29♏21	10♒35	17♉28	25♏56	12♍49	20♋13	26°D29	28♌12	9♋42	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s46	19s14	3n22	24s58	2s 3	18s13	0n37	13s57	0n19	20s22	1s 3	15n47	2s 1	18s55	0n 8	8n14	1n32	30n 4	8n 6	11n53	11n40	19n25		n.a.
S 2	21 56	17 42	2 18	25 10	2 5	18 34	0 35	14 11	0 18	20 19	1 3	15 46	2 1	18 56	0 8	8 14	1 32	30 4	8 6	11 55	11 41	19 25		n.a.
M 3	22 5	15 4	1 7	25 20	2 6	18 55	0 32	14 26	0 17	20 17	1 3	15 45	2 0	18 57	0 8	8 14	1 32	30 4	8 6	11 55	11 42	19 25		n.a.
T 4	22 15	11 37	0s 6	25 29	2 7	19 15	0 30	14 40	0 17	20 14	1 3	15 44	2 0	18 58	0 8	8 13	1 32	30 5	8 7	11 56	11 43	19 25		n.a.
W 5	22 23	7 38	1 17	25 36	2 8	19 34	0 27	14 54	0 16	20 11	1 3	15 43	2 0	18 59	0 8	8 13	1 32	30 5	8 7	11 56	11 45	19 25		n.a.
T 6	22 32	3 23	2 22	25 41	2 8	19 53	0 25	15 8	0 16	20 8	1 3	15 42	2 0	18 59	0 8	8 13	1 32	30 5	8 7	11 56	11 46	19 26		n.a.
F 7	22 39	0n55	3 18	25 44	2 7	20 11	0 23	15 22	0 15	20 5	1 3	15 41	2 0	19 0	0 8	8 13	1 32	30 6	8 7	11 57	11 47	19 26		n.a.
S 8	22 47	5 6	4 3	25 46	2 6	20 29	0 20	15 36	0 14	20 2	1 2	15 40	1 59	19 1	0 8	8 13	1 32	30 6	8 7	11 59	11 48	19 26		n.a.
S 9	22 54	9 0	4 36	25 46	2 5	20 46	0 18	15 50	0 14	19 59	1 2	15 39	1 59	19 2	0 8	8 13	1 32	30 7	8 8	12 2	11 49	19 26		n.a.
M10	23 0	12 27	4 55	25 45	2 3	21 3	0 15	16 3	0 13	19 56	1 2	15 38	1 59	19 3	0 8	8 13	1 32	30 7	8 8	12 6	11 50	19 26		n.a.
T 11	23 6	15 21	5 1	25 41	2 0	21 19	0 13	16 17	0 12	19 53	1 2	15 37	1 59	19 4	0 8	8 13	1 32	30 7	8 8	12 10	11 51	19 27		n.a.
W12	23 12	17 34	4 53	25 35	1 57	21 34	0 10	16 30	0 12	19 50	1 2	15 36	1 59	19 5	0 8	8 13	1 32	30 8	8 8	12 15	11 52	19 27		n.a.
T 13	23 17	19 0	4 32	25 28	1 52	21 49	0 8	16 43	0 11	19 47	1 2	15 35	1 58	19 5	0 8	8 13	1 32	30 8	8 8	12 20	11 53	19 27		n.a.
F 14	23 21	19 36	4 0	25 19	1 48	22 3	0 6	16 56	0 10	19 44	1 2	15 35	1 58	19 6	0 8	8 13	1 32	30 9	8 9	12 24	11 55	19 27		n.a.
S 15	23 26	19 20	3 16	25 8	1 42	22 17	0 3	17 9	0 10	19 41	1 2	15 34	1 58	19 7	0 8	8 13	1 32	30 9	8 9	12 27	11 56	19 27		n.a.
S 16	23 29	18 13	2 25	24 55	1 35	22 29	0 1	17 22	0 9	19 37	1 2	15 33	1 58	19 8	0 8	8 13	1 32	30 9	8 9	12 30	11 57	19 27		n.a.
M17	23 32	16 18	1 27	24 41	1 28	22 41	0s 2	17 35	0 8	19 34	1 2	15 32	1 58	19 9	0 8	8 13	1 33	30 10	8 9	12 31	11 58	19 28		n.a.
T 18	23 35	13 41	0 24	24 25	1 19	22 53	0 4	17 47	0 8	19 31	1 2	15 31	1 57	19 10	0 8	8 13	1 33	30 10	8 9	12 31	11 59	19 28		n.a.
W19	23 37	10 27	0n40	24 8	1 10	23 3	0 7	18 0	0 7	19 28	1 2	15 31	1 57	19 10	0 8	8 13	1 33	30 11	8 10	12 31	12 0	19 28		n.a.
T 20	23 39	6 42	1 44	23 49	1 0	23 14	0 9	18 12	0 6	19 24	1 2	15 30	1 57	19 11	0 8	8 13	1 33	30 11	8 10	12 31	12 1	19 28		n.a.
F 21	23 41	2 34	2 45	23 29	0 48	23 23	0 11	18 24	0 5	19 21	1 2	15 29	1 57	19 12	0 8	8 13	1 33	30 11	8 10	12 31	12 2	19 28		n.a.
S 22	23 41	1s48	3 39	23 9	0 36	23 31	0 14	18 36	0 5	19 17	1 2	15 29	1 56	19 13	0 8	8 13	1 33	30 12	8 10	12 31	12 4	19 28		n.a.
S 23	23 42	6 13	4 23	22 47	0 23	23 39	0 16	18 47	0 4	19 14	1 2	15 28	1 56	19 14	0 8	8 14	1 33	30 12	8 10	12 33	12 5	19 28		n.a.
M24	23 42	10 28	4 53	22 26	0 8	23 46	0 18	18 59	0 3	19 10	1 2	15 27	1 56	19 14	0 8	8 14	1 33	30 12	8 10	12 34	12 6	19 29		n.a.
T 25	23 41	14 16	5 6	22 4	0n 7	23 53	0 21	19 10	0 3	19 7	1 2	15 27	1 56	19 15	0 8	8 14	1 33	30 13	8 11	12 37	12 7	19 29		n.a.
W26	23 40	17 15	4 58	21 42	0 23	23 59	0 23	19 22	0 2	19 3	1 1	15 26	1 56	19 16	0 8	8 14	1 33	30 13	8 11	12 40	12 8	19 29		n.a.
T 27	23 38	19 7	4 30	21 22	0 40	24 4	0 25	19 33	0 1	19 0	1 1	15 26	1 55	19 17	0 8	8 14	1 33	30 14	8 11	12 43	12 9	19 29		n.a.
F 28	23 36	19 36	3 42	21 2	0 58	24 8	0 28	19 44	0 0	18 56	1 1	15 25	1 55	19 17	0 8	8 14	1 33	30 14	8 11	12 46	12 10	19 29		n.a.
S 29	23 34	18 39	2 38	20 43	1 16	24 11	0 30	19 54	0s 0	18 53	1 1	15 25	1 55	19 18	0 8	8 15	1 33	30 14	8 11	12 48	12 11	19 29		n.a.
S 30	23 31	16 24	1 25	20 26	1 35	24 14	0 32	20 5	0 1	18 49	1 1	15 24	1 55	19 19	0 8	8 15	1 33	30 15	8 11	12 49	12 12	19 29		n.a.
M31	23s28	13s 8	0n 7	20s10	1n53	24s16	0s34	20s15	0s 2	18s45	1s 1	15n24	1s54	19s19	0n 8	8n15	1n33	30n15	8n11	12n49	12n14	19n29		n.a.

Julian Day Number = 1710069.5, Delta T = 03h01m11s
Ecliptic obliquity = 23°41'47, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°29'30, Lahiri = - 4°22'30 Julian Calendar 1 Dec. 32 BCE == Greg. Calendar 29 Nov. 032 BCE

The year -31 astronomical counting style corresponds to year 032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 31 BCE
geocentric

JANUARY 31 BCE (-30) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 31 34	8♉54'15	9♓27	20°R32	2♉18	0♐ 5	10♒48	17°R26	25♏59	12°R49	20°R11	26♌30	28♌ 9	9♋49	n.a.	T 1
W 2	6 35 31	9°55'13	23°11	19♉53	3°33	0°49	11° 1	17♉24	26° 2	12♍48	20♋10	26°31	28° 6	9°55	n.a.	W 2
T 3	6 39 27	10°56'09	6♈29	19° 3	4°48	1°33	11°15	17°22	26° 5	12°48	20° 8	26°R32	28° 3	10° 2	n.a.	T 3
F 4	6 43 24	11°57'04	19°25	18° 6	6° 4	2°16	11°28	17°20	26° 8	12°47	20° 7	26°32	27°59	10° 9	n.a.	F 4
S 5	6 47 21	12°57'57	2♉ 1	17° 1	7°19	3° 0	11°42	17°18	26°11	12°47	20° 5	26°30	27°56	10°15	n.a.	S 5
S 6	6 51 17	13°58'49	14°22	15°52	8°34	3°44	11°56	17°17	26°14	12°46	20° 4	26°26	27°53	10°22	n.a.	S 6
M 7	6 55 14	14°59'39	26°32	14°40	9°49	4°28	12° 9	17°15	26°16	12°45	20° 3	26°20	27°50	10°29	n.a.	M 7
T 8	6 59 10	16° 0'28	8♊33	13°27	11° 4	5°12	12°23	17°14	26°19	12°45	20° 1	26°13	27°47	10°36	n.a.	T 8
W 9	7 3 7	17° 1'15	20°28	12°16	12°20	5°56	12°37	17°13	26°22	12°44	20° 0	26° 5	27°43	10°42	n.a.	W 9
T 10	7 7 3	18° 2'00	2♋20	11° 7	13°35	6°40	12°51	17°11	26°24	12°43	19°58	25°58	27°40	10°49	n.a.	T 10
F 11	7 11 0	19° 2'45	14°10	10° 4	14°50	7°24	13° 4	17°10	26°27	12°42	19°57	25°51	27°37	10°56	n.a.	F 11
S 12	7 14 56	20° 3'27	26° 1	9° 6	16° 5	8° 8	13°18	17° 9	26°29	12°41	19°55	25°46	27°34	11° 2	n.a.	S 12
S 13	7 18 53	21° 4'08	7♌53	8°15	17°20	8°53	13°32	17° 9	26°32	12°41	19°54	25°42	27°31	11° 9	n.a.	S 13
M14	7 22 50	22° 4'48	19°50	7°31	18°35	9°37	13°46	17° 8	26°34	12°40	19°53	25°D41	27°28	11°16	n.a.	M14
T 15	7 26 46	23° 5'26	1♍53	6°55	19°50	10°21	14° 0	17° 7	26°37	12°39	19°51	25°41	27°24	11°22	n.a.	T 15
W16	7 30 43	24° 6'03	14° 4	6°27	21° 5	11° 5	14°14	17° 7	26°39	12°38	19°50	25°42	27°21	11°29	n.a.	W16
T 17	7 34 39	25° 6'39	26°29	6° 7	22°20	11°49	14°28	17° 6	26°41	12°37	19°48	25°43	27°18	11°36	n.a.	T 17
F 18	7 38 36	26° 7'13	9♎ 9	5°55	23°36	12°34	14°42	17° 6	26°44	12°36	19°47	25°45	27°15	11°42	n.a.	F 18
S 19	7 42 32	27° 7'46	22°10	5°D51	24°51	13°18	14°56	17° 6	26°46	12°35	19°45	25°R46	27°12	11°49	n.a.	S 19
S 20	7 46 29	28° 8'17	5♏33	5°53	26° 6	14° 2	15°10	17°D 6	26°48	12°34	19°44	25°46	27° 9	11°56	n.a.	S 20
M21	7 50 25	29° 8'47	19°22	6° 2	27°21	14°47	15°25	17° 6	26°50	12°33	19°43	25°45	27° 5	12° 2	n.a.	M21
T 22	7 54 22	0♒ 9'16	3♐37	6°17	28°36	15°31	15°39	17° 6	26°53	12°32	19°41	25°42	27° 2	12° 9	n.a.	T 22
W23	7 58 19	1° 9'43	18°16	6°38	29°51	16°16	15°53	17° 6	26°55	12°31	19°40	25°39	26°59	12°16	n.a.	W23
T 24	8 2 15	2°10'09	3♑14	7° 5	1♒ 6	17° 0	16° 7	17° 7	26°57	12°29	19°38	25°35	26°56	12°23	n.a.	T 24
F 25	8 6 12	3°10'33	18°22	7°36	2°21	17°44	16°22	17° 7	26°59	12°28	19°37	25°32	26°53	12°29	n.a.	F 25
S 26	8 10 8	4°10'55	3♒33	8°12	3°36	18°29	16°36	17° 8	27° 1	12°27	19°36	25°30	26°49	12°36	n.a.	S 26
S 27	8 14 5	5°11'16	18°35	8°52	4°51	19°14	16°50	17° 9	27° 3	12°26	19°34	25°D29	26°46	12°43	n.a.	S 27
M28	8 18 1	6°11'34	3♓21	9°37	6° 6	19°58	17° 5	17° 9	27° 4	12°25	19°33	25°29	26°43	12°49	n.a.	M28
T 29	8 21 58	7°11'51	17°43	10°25	7°21	20°43	17°19	17°10	27° 6	12°23	19°31	25°30	26°40	12°56	n.a.	T 29
W30	8 25 54	8°12'05	1♈40	11°16	8°35	21°27	17°33	17°12	27° 8	12°22	19°30	25°31	26°37	13° 3	n.a.	W30
T 31	8 29 51	9♒12'17	15♈ 9	12♉11	9♒50	22♐12	17♒48	17♉13	27♏10	12♍21	19♋29	25♌33	26♌34	13♋ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s24	9s11	1s 9	19s57	2n11	24s17	0s36	20s26	0s 2	18s42	1s 1	15n24	1s54	19s20	0n 8	8n15	1n33	30n15	8n12	12n49	12n15	19n29		n.a.
W 2	23 19	4 52	2 19	19 46	2 28	24 17	0 39	20 36	0 3	18 38	1 1	15 23	1 54	19 21	0 8	8 16	1 33	30 16	8 12	12 49	12 16	19 30		n.a.
T 3	23 14	0 26	3 19	19 37	2 45	24 17	0 41	20 45	0 4	18 34	1 1	15 23	1 53	19 22	0 8	8 16	1 34	30 16	8 12	12 48	12 17	19 30		n.a.
F 4	23 9	3n52	4 7	19 30	2 59	24 16	0 43	20 55	0 5	18 30	1 1	15 23	1 53	19 22	0 8	8 16	1 34	30 16	8 12	12 48	12 18	19 30		n.a.
S 5	23 3	7 54	4 42	19 25	3 12	24 14	0 45	21 4	0 6	18 26	1 1	15 23	1 53	19 23	0 8	8 16	1 34	30 17	8 12	12 49	12 19	19 30		n.a.
S 6	22 57	11 30	5 3	19 23	3 23	24 12	0 47	21 14	0 6	18 23	1 1	15 22	1 53	19 24	0 8	8 17	1 34	30 17	8 12	12 50	12 20	19 30		n.a.
M 7	22 51	14 34	5 9	19 22	3 32	24 8	0 49	21 23	0 7	18 19	1 1	15 22	1 52	19 24	0 8	8 17	1 34	30 17	8 12	12 52	12 21	19 30		n.a.
T 8	22 44	16 59	5 2	19 23	3 38	24 4	0 51	21 32	0 8	18 15	1 1	15 22	1 52	19 25	0 8	8 17	1 34	30 18	8 12	12 55	12 22	19 30		n.a.
W 9	22 36	18 40	4 42	19 26	3 42	23 59	0 53	21 40	0 9	18 11	1 1	15 22	1 52	19 25	0 8	8 18	1 34	30 18	8 12	12 57	12 24	19 30		n.a.
T 10	22 28	19 31	4 10	19 31	3 44	23 54	0 54	21 49	0 9	18 7	1 1	15 22	1 52	19 26	0 8	8 18	1 34	30 18	8 13	13 0	12 25	19 30		n.a.
F 11	22 20	19 30	3 27	19 36	3 43	23 48	0 56	21 57	0 10	18 3	1 1	15 22	1 51	19 27	0 8	8 18	1 34	30 19	8 13	13 2	12 26	19 30		n.a.
S 12	22 11	18 38	2 35	19 43	3 40	23 40	0 58	22 5	0 11	17 59	1 1	15 22	1 51	19 27	0 8	8 19	1 34	30 19	8 13	13 4	12 27	19 30		n.a.
S 13	22 2	16 57	1 36	19 51	3 35	23 33	1 0	22 13	0 12	17 55	1 1	15 22	1 51	19 28	0 8	8 19	1 34	30 19	8 13	13 5	12 28	19 30		n.a.
M14	21 52	14 31	0 32	20 0	3 29	23 24	1 1	22 20	0 13	17 51	1 1	15 22	1 51	19 29	0 8	8 20	1 34	30 19	8 13	13 6	12 29	19 30		n.a.
T 15	21 42	11 27	0n34	20 10	3 21	23 15	1 3	22 28	0 13	17 47	1 1	15 22	1 50	19 29	0 8	8 20	1 34	30 20	8 13	13 6	12 30	19 31		n.a.
W16	21 31	7 51	1 39	20 20	3 13	23 5	1 4	22 35	0 14	17 43	1 1	15 22	1 50	19 30	0 8	8 20	1 34	30 20	8 13	13 5	12 31	19 31		n.a.
T 17	21 20	3 52	2 41	20 31	3 3	22 54	1 6	22 42	0 15	17 38	1 1	15 22	1 50	19 30	0 8	8 21	1 34	30 20	8 13	13 5	12 32	19 31		n.a.
F 18	21 9	0s21	3 36	20 42	2 52	22 43	1 7	22 48	0 16	17 34	1 1	15 22	1 49	19 31	0 8	8 21	1 34	30 21	8 13	13 4	12 33	19 31		n.a.
S 19	20 57	4 40	4 22	20 53	2 41	22 31	1 9	22 55	0 17	17 30	1 1	15 23	1 49	19 31	0 8	8 22	1 34	30 21	8 13	13 4	12 35	19 31		n.a.
S 20	20 45	8 53	4 55	21 4	2 30	22 18	1 10	23 1	0 17	17 26	1 1	15 23	1 49	19 32	0 8	8 22	1 34	30 21	8 13	13 4	12 36	19 31		n.a.
M21	20 33	12 45	5 12	21 16	2 18	22 5	1 12	23 7	0 18	17 22	1 1	15 23	1 49	19 32	0 8	8 23	1 34	30 21	8 13	13 5	12 37	19 31		n.a.
T 22	20 20	16 0	5 11	21 27	2 6	21 51	1 13	23 13	0 19	17 17	1 1	15 23	1 48	19 33	0 8	8 23	1 34	30 22	8 13	13 5	12 38	19 31		n.a.
W23	20 7	18 21	4 50	21 38	1 54	21 36	1 14	23 19	0 20	17 13	1 1	15 24	1 48	19 33	0 8	8 23	1 35	30 22	8 13	13 6	12 39	19 31		n.a.
T 24	19 53	19 30	4 9	21 48	1 42	21 21	1 15	23 24	0 21	17 9	1 1	15 24	1 48	19 34	0 8	8 24	1 35	30 22	8 13	13 8	12 40	19 31		n.a.
F 25	19 39	19 16	3 11	21 58	1 30	21 5	1 16	23 29	0 22	17 4	1 1	15 25	1 47	19 34	0 8	8 24	1 35	30 22	8 13	13 9	12 41	19 31		n.a.
S 26	19 25	17 39	1 58	22 8	1 19	20 49	1 17	23 34	0 22	17 0	1 1	15 25	1 47	19 35	0 8	8 25	1 35	30 23	8 13	13 9	12 42	19 31		n.a.
S 27	19 10	14 49	0 38	22 17	1 7	20 31	1 18	23 38	0 23	16 56	1 1	15 26	1 47	19 35	0 8	8 25	1 35	30 23	8 13	13 10	12 43	19 31		n.a.
M28	18 56	11 3	0s43	22 25	0 55	20 14	1 19	23 43	0 24	16 51	1 1	15 26	1 47	19 36	0 8	8 26	1 35	30 23	8 13	13 10	12 44	19 31		n.a.
T 29	18 40	6 44	2 0	22 33	0 44	19 55	1 20	23 47	0 25	16 47	1 1	15 27	1 46	19 36	0 7	8 26	1 35	30 23	8 13	13 9	12 46	19 31		n.a.
W30	18 25	2 11	3 7	22 40	0 33	19 36	1 21	23 51	0 26	16 43	1 1	15 27	1 46	19 36	0 7	8 27	1 35	30 24	8 13	13 9	12 47	19 31		n.a.
T 31	18s 9	2n19	4s 1	22s45	0n23	19s17	1s22	23s55	0s27	16s38	1s 1	15n28	1s46	19s37	0n 7	8n28	1n35	30n24	8n13	13n 9	12n48	19n31		n.a.

Julian Day Number = 1710100.5, Delta T = 03h01m10s
Ecliptic obliquity = 23°41'47, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°29'26, Lahiri = - 4°22'26 Julian Calendar 1 Jan. 31 BCE == Greg. Calendar 30 Dec. 032 BCE

The year -30 astronomical counting style corresponds to year 031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 31 BCE
geocentric

FEBRUARY 31 BCE (-30) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 33 48	10♒12'27	28♈12	13♑ 8	11♒ 5	22♐57	18♒ 2	17♉14	27♏11	12°R19	19°R27	25♌34	26♌30	13♋16	n.a.	F 1
S 2	8 37 44	11°12'35	10♉53	14° 8	12°20	23°41	18°17	17°15	27°13	12♍18	19♋26	25°R34	26°27	13°23	n.a.	S 2
S 3	8 41 41	12°12'41	23°15	15°11	13°35	24°26	18°31	17°17	27°15	12°17	19°25	25°34	26°24	13°29	n.a.	S 3
M 4	8 45 37	13°12'44	5♊23	16°16	14°50	25°11	18°46	17°19	27°16	12°15	19°23	25°33	26°21	13°36	n.a.	M 4
T 5	8 49 34	14°12'46	17°20	17°24	16° 5	25°55	19° 0	17°20	27°18	12°14	19°22	25°31	26°18	13°43	n.a.	T 5
W 6	8 53 30	15°12'45	29°12	18°33	17°19	26°40	19°14	17°22	27°19	12°12	19°21	25°30	26°15	13°49	n.a.	W 6
T 7	8 57 27	16°12'42	11♋ 1	19°45	18°34	27°25	19°29	17°24	27°20	12°11	19°20	25°28	26°11	13°56	n.a.	T 7
F 8	9 1 23	17°12'36	22°51	20°58	19°49	28°10	19°43	17°26	27°22	12°10	19°18	25°27	26° 8	14° 3	n.a.	F 8
S 9	9 5 20	18°12'29	4♌45	22°14	21° 4	28°54	19°58	17°29	27°23	12° 8	19°17	25°26	26° 5	14° 9	n.a.	S 9
S 10	9 9 17	19°12'19	16°44	23°31	22°18	29°39	20°12	17°31	27°24	12° 7	19°16	25°26	26° 2	14°16	n.a.	S 10
M11	9 13 13	20°12'07	28°50	24°50	23°33	0♑24	20°27	17°33	27°25	12° 5	19°15	25°D26	25°59	14°23	n.a.	M11
T 12	9 17 10	21°11'54	11♍ 6	26°10	24°48	1° 9	20°41	17°36	27°26	12° 4	19°13	25°26	25°55	14°29	n.a.	T 12
W13	9 21 6	22°11'38	23°32	27°32	26° 2	1°54	20°56	17°38	27°27	12° 2	19°12	25°26	25°52	14°36	n.a.	W13
T 14	9 25 3	23°11'20	6♎11	28°55	27°17	2°39	21°10	17°41	27°29	12° 1	19°11	25°27	25°49	14°43	n.a.	T 14
F 15	9 28 59	24°11'00	19° 4	0♒20	28°32	3°24	21°25	17°44	27°29	11°59	19°10	25°27	25°46	14°50	n.a.	F 15
S 16	9 32 56	25°10'39	2♏12	1°46	29°46	4° 9	21°39	17°47	27°30	11°58	19° 9	25°R27	25°43	14°56	n.a.	S 16
S 17	9 36 52	26°10'16	15°38	3°14	1♓ 1	4°54	21°54	17°50	27°31	11°56	19° 8	25°27	25°40	15° 3	n.a.	S 17
M18	9 40 49	27° 9'51	29°22	4°43	2°15	5°39	22° 8	17°53	27°32	11°54	19° 7	25°D27	25°36	15°10	n.a.	M18
T 19	9 44 45	28° 9'24	13♐25	6°14	3°30	6°24	22°22	17°56	27°33	11°53	19° 6	25°27	25°33	15°16	n.a.	T 19
W20	9 48 42	29° 8'55	27°45	7°46	4°45	7° 9	22°37	18° 0	27°34	11°51	19° 4	25°27	25°30	15°23	n.a.	W20
T 21	9 52 39	0♓ 8'25	12♑20	9°19	5°59	7°54	22°51	18° 3	27°34	11°50	19° 3	25°28	25°27	15°30	n.a.	T 21
F 22	9 56 35	1° 7'52	27° 5	10°53	7°14	8°39	23° 6	18° 7	27°35	11°48	19° 2	25°28	25°24	15°36	n.a.	F 22
S 23	10 0 32	2° 7'18	11♒55	12°29	8°28	9°24	23°20	18°10	27°35	11°46	19° 1	25°28	25°20	15°43	n.a.	S 23
S 24	10 4 28	3° 6'42	26°41	14° 6	9°43	10° 9	23°34	18°14	27°36	11°45	19° 0	25°R29	25°17	15°50	n.a.	S 24
M25	10 8 25	4° 6'03	11♓17	15°45	10°57	10°54	23°49	18°18	27°36	11°43	19° 0	25°28	25°14	15°56	n.a.	M25
T 26	10 12 21	5° 5'22	25°37	17°25	12°11	11°39	24° 3	18°22	27°37	11°41	18°59	25°28	25°11	16° 3	n.a.	T 26
W27	10 16 18	6° 4'39	9♈35	19° 6	13°26	12°24	24°17	18°26	27°37	11°40	18°58	25°26	25° 8	16°10	n.a.	W27
T 28	10 20 14	7♓ 3'54	23♈ 9	20♒48	14♓40	13♑ 9	24♒32	18♉30	27♏37	11♍38	18♋57	25♌25	25♌ 5	16♋16	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s52	6n34	4s41	22s50	0n12	18s57	1s22	23s58	0s28	16s34	1s 1	15n28	1s46	19s37	0n 7	8n28	1n35	30n24	8n13	13n 8	12n49	19n31		n.a.
S 2	17 36	10 24	5 6	22 54	0 2	18 36	1 23	24 1	0 28	16 29	1 1	15 29	1 45	19 38	0 7	8 29	1 35	30 24	8 13	13 8	12 50	19 31		n.a.
S 3	17 19	13 41	5 16	22 57	0s 8	18 15	1 23	24 4	0 29	16 25	1 1	15 30	1 45	19 38	0 7	8 29	1 35	30 24	8 13	13 8	12 51	19 31		n.a.
M 4	17 2	16 19	5 12	22 59	0 17	17 54	1 24	24 7	0 30	16 20	1 1	15 31	1 45	19 38	0 7	8 30	1 35	30 25	8 13	13 9	12 52	19 31		n.a.
T 5	16 45	18 12	4 54	22 59	0 26	17 32	1 24	24 9	0 31	16 16	1 1	15 31	1 44	19 39	0 7	8 30	1 35	30 25	8 13	13 9	12 53	19 31		n.a.
W 6	16 27	19 18	4 24	22 59	0 35	17 9	1 25	24 11	0 32	16 11	1 2	15 32	1 44	19 39	0 7	8 31	1 35	30 25	8 13	13 10	12 54	19 31		n.a.
T 7	16 9	19 33	3 42	22 57	0 44	16 46	1 25	24 13	0 33	16 7	1 2	15 33	1 44	19 39	0 7	8 32	1 35	30 25	8 13	13 10	12 55	19 31		n.a.
F 8	15 51	18 55	2 51	22 54	0 52	16 23	1 25	24 15	0 34	16 2	1 2	15 34	1 44	19 40	0 7	8 32	1 35	30 25	8 13	13 10	12 56	19 31		n.a.
S 9	15 32	17 28	1 52	22 49	1 0	15 59	1 26	24 16	0 35	15 57	1 2	15 35	1 43	19 40	0 7	8 33	1 35	30 25	8 13	13 11	12 58	19 31		n.a.
S 10	15 13	15 14	0 48	22 44	1 7	15 34	1 26	24 17	0 35	15 53	1 2	15 36	1 43	19 40	0 7	8 33	1 35	30 25	8 13	13 11	12 59	19 31		n.a.
M11	14 54	12 18	0n19	22 36	1 14	15 10	1 26	24 18	0 36	15 48	1 2	15 36	1 43	19 40	0 7	8 34	1 35	30 26	8 13	13 11	13 0	19 31		n.a.
T 12	14 35	8 48	1 26	22 28	1 21	14 44	1 26	24 19	0 37	15 44	1 2	15 37	1 43	19 41	0 7	8 35	1 35	30 26	8 13	13 11	13 1	19 31		n.a.
W13	14 16	4 53	2 30	22 18	1 27	14 19	1 26	24 19	0 38	15 39	1 2	15 38	1 42	19 41	0 7	8 35	1 35	30 26	8 13	13 11	13 2	19 30		n.a.
T 14	13 56	0 42	3 28	22 7	1 33	13 53	1 26	24 19	0 39	15 34	1 2	15 39	1 42	19 41	0 7	8 36	1 35	30 26	8 13	13 11	13 3	19 30		n.a.
F 15	13 36	3s36	4 16	21 54	1 39	13 27	1 25	24 19	0 40	15 30	1 2	15 40	1 42	19 41	0 7	8 36	1 35	30 26	8 13	13 11	13 4	19 30		n.a.
S 16	13 16	7 48	4 52	21 40	1 44	13 0	1 25	24 19	0 41	15 25	1 2	15 42	1 41	19 42	0 7	8 37	1 35	30 26	8 13	13 11	13 5	19 30		n.a.
S 17	12 56	11 42	5 13	21 24	1 49	12 33	1 25	24 18	0 42	15 20	1 2	15 43	1 41	19 42	0 7	8 38	1 35	30 26	8 13	13 11	13 6	19 30		n.a.
M18	12 35	15 4	5 17	21 7	1 53	12 6	1 24	24 17	0 43	15 16	1 2	15 44	1 41	19 42	0 7	8 38	1 35	30 26	8 13	13 11	13 7	19 30		n.a.
T 19	12 15	17 39	5 2	20 48	1 57	11 38	1 24	24 16	0 44	15 11	1 2	15 45	1 41	19 42	0 7	8 39	1 35	30 27	8 13	13 11	13 8	19 30		n.a.
W20	11 54	19 12	4 29	20 28	2 1	11 10	1 23	24 14	0 44	15 6	1 2	15 46	1 40	19 42	0 7	8 40	1 35	30 27	8 13	13 10	13 9	19 30		n.a.
T 21	11 33	19 30	3 37	20 6	2 4	10 42	1 23	24 13	0 45	15 2	1 2	15 47	1 40	19 43	0 7	8 40	1 35	30 27	8 13	13 10	13 11	19 30		n.a.
F 22	11 11	18 30	2 31	19 43	2 7	10 13	1 22	24 11	0 46	14 57	1 2	15 49	1 40	19 43	0 7	8 41	1 36	30 27	8 12	13 10	13 12	19 30		n.a.
S 23	10 50	16 13	1 15	19 18	2 9	9 44	1 21	24 9	0 47	14 52	1 3	15 50	1 40	19 43	0 7	8 41	1 36	30 27	8 12	13 10	13 13	19 30		n.a.
S 24	10 28	12 51	0s 7	18 51	2 11	9 15	1 21	24 6	0 48	14 47	1 3	15 51	1 39	19 43	0 7	8 42	1 36	30 27	8 12	13 10	13 14	19 30		n.a.
M25	10 7	8 44	1 27	18 23	2 12	8 46	1 20	24 3	0 49	14 43	1 3	15 52	1 39	19 43	0 7	8 43	1 36	30 27	8 12	13 10	13 15	19 30		n.a.
T 26	9 45	4 12	2 40	17 53	2 13	8 16	1 19	24 0	0 50	14 38	1 3	15 54	1 39	19 43	0 7	8 43	1 36	30 27	8 12	13 10	13 16	19 29		n.a.
W27	9 23	0n27	3 41	17 22	2 14	7 47	1 18	23 57	0 51	14 33	1 3	15 55	1 39	19 43	0 7	8 44	1 36	30 27	8 12	13 11	13 17	19 29		n.a.
T 28	9s 1	4n57	4s28	16s49	2s14	7s17	1s17	23s54	0s52	14s28	1s 3	15n56	1s38	19s43	0n 7	8n45	1n36	30n27	8n12	13n11	13n18	19n29		n.a.

Julian Day Number = 1710131.5, Delta T = 03h01m09s
Ecliptic obliquity = 23°41'48, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°29'22, Lahiri = - 4°22'22 Julian Calendar 1 Feb. 31 BCE == Greg. Calendar 30 Jan. 031 BCE

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ASTRODIENST EPHEMERIS for the year 31 BCE
geocentric

MARCH 31 BCE (-30) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 24 11	8♓ 3'06	6♉19	22♒32	15♓55	13♋54	24♒46	18♉34	27♏38	11°R37	18°R56	25°R23	25♌ 1	16♋23	n.a.	F 1
S 2	10 28 8	9° 2'16	19° 5	24°18	17° 9	14°39	25° 0	18°38	27°38	11♍35	18♋55	25♌22	24°58	16°30	n.a.	S 2
S 3	10 32 4	10° 1'24	1♊32	26° 4	18°23	15°24	25°15	18°42	27°38	11°33	18°54	25°21	24°55	16°36	n.a.	S 3
M 4	10 36 1	11° 0'29	13°42	27°52	19°38	16° 9	25°29	18°47	27°38	11°32	18°53	25°D21	24°52	16°43	n.a.	M 4
T 5	10 39 57	11°59'32	25°40	29°42	20°52	16°55	25°43	18°51	27°R38	11°30	18°53	25°22	24°49	16°50	n.a.	T 5
W 6	10 43 54	12°58'32	7♋31	1♓32	22° 6	17°40	25°57	18°56	27°38	11°28	18°52	25°23	24°46	16°56	n.a.	W 6
T 7	10 47 50	13°57'30	19°21	3°25	23°20	18°25	26°11	19° 1	27°38	11°27	18°51	25°24	24°42	17° 3	n.a.	T 7
F 8	10 51 47	14°56'26	1♌12	5°18	24°35	19°10	26°25	19° 6	27°38	11°25	18°50	25°26	24°39	17°10	n.a.	F 8
S 9	10 55 43	15°55'19	13° 9	7°13	25°49	19°55	26°39	19°10	27°37	11°23	18°50	25°27	24°36	17°16	n.a.	S 9
S 10	10 59 40	16°54'10	25°16	9°10	27° 3	20°40	26°53	19°15	27°37	11°22	18°49	25°R28	24°33	17°23	n.a.	S 10
M11	11 3 36	17°52'59	7♍34	11° 8	28°17	21°25	27° 7	19°20	27°37	11°20	18°49	25°27	24°30	17°30	n.a.	M11
T 12	11 7 33	18°51'46	20° 6	13° 7	29°31	22°11	27°21	19°25	27°37	11°18	18°48	25°25	24°26	17°36	n.a.	T 12
W13	11 11 30	19°50'31	2♎51	15° 8	0♈45	22°56	27°35	19°31	27°36	11°17	18°47	25°23	24°23	17°43	n.a.	W13
T 14	11 15 26	20°49'13	15°52	17° 9	1°59	23°41	27°49	19°36	27°36	11°15	18°47	25°19	24°20	17°50	n.a.	T 14
F 15	11 19 23	21°47'54	29° 6	19°12	3°13	24°26	28° 3	19°41	27°35	11°13	18°46	25°15	24°17	17°56	n.a.	F 15
S 16	11 23 19	22°46'33	12♏34	21°16	4°27	25°11	28°17	19°47	27°35	11°12	18°46	25°11	24°14	18° 3	n.a.	S 16
S 17	11 27 16	23°45'10	26°14	23°21	5°41	25°56	28°31	19°52	27°34	11°10	18°45	25° 8	24°11	18°10	n.a.	S 17
M18	11 31 12	24°43'45	10♐ 5	25°27	6°55	26°41	28°44	19°58	27°34	11° 9	18°45	25° 5	24° 7	18°16	n.a.	M18
T 19	11 35 9	25°42'19	24° 5	27°34	8° 9	27°27	28°58	20° 3	27°33	11° 7	18°44	25°D 5	24° 4	18°23	n.a.	T 19
W20	11 39 5	26°40'51	8♑15	29°41	9°23	28°12	29°12	20° 9	27°32	11° 5	18°44	25° 5	24° 1	18°30	n.a.	W20
T 21	11 43 2	27°39'21	22°31	1♈48	10°37	28°57	29°25	20°15	27°31	11° 4	18°44	25° 6	23°58	18°36	n.a.	T 21
F 22	11 46 59	28°37'50	6♒52	3°55	11°51	29°42	29°39	20°21	27°31	11° 2	18°43	25° 8	23°55	18°43	n.a.	F 22
S 23	11 50 55	29°36'17	21°15	6° 2	13° 5	0♒27	29°52	20°27	27°30	11° 1	18°43	25°R 9	23°52	18°50	n.a.	S 23
S 24	11 54 52	0♈34'42	5♓35	8° 8	14°19	1°12	0♓ 6	20°32	27°29	10°59	18°43	25° 8	23°48	18°56	n.a.	S 24
M25	11 58 48	1°33'05	19°49	10°14	15°33	1°57	0°19	20°38	27°28	10°58	18°42	25° 6	23°45	19° 3	n.a.	M25
T 26	12 2 45	2°31'26	3♈51	12°18	16°46	2°42	0°32	20°45	27°27	10°56	18°42	25° 2	23°42	19°10	n.a.	T 26
W27	12 6 41	3°29'45	17°38	14°21	18° 0	3°28	0°46	20°51	27°26	10°55	18°42	24°57	23°39	19°16	n.a.	W27
T 28	12 10 38	4°28'03	1♉ 6	16°21	19°14	4°13	0°59	20°57	27°25	10°53	18°42	24°50	23°36	19°23	n.a.	T 28
F 29	12 14 34	5°26'18	14°14	18°20	20°28	4°58	1°12	21° 3	27°23	10°52	18°42	24°44	23°32	19°30	n.a.	F 29
S 30	12 18 31	6°24'32	27° 0	20°16	21°41	5°43	1°25	21°10	27°22	10°50	18°41	24°37	23°29	19°36	n.a.	S 30
S 31	12 22 27	7♈22'43	9♊28	22♈10	22♈55	6♒28	1♓38	21♉16	27♏21	10♍49	18♋41	24♌32	23♌26	19♋43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8s38	9n 4	4s59	16s15	2s13	6s47	1s16	23s50	0s53	14s24	1s 3	15n58	1s38	19s43	0n 7	8n45	1n36	30n27	8n12	13n12	13n19	19n29		n.a.
S 2	8 16	12 38	5 15	15 38	2 12	6 16	1 15	23 46	0 54	14 19	1 3	15 59	1 38	19 43	0 7	8 46	1 36	30 27	8 12	13 12	13 20	19 29		n.a.
S 3	7 54	15 33	5 15	15 1	2 11	5 46	1 14	23 42	0 54	14 14	1 3	16 1	1 38	19 43	0 7	8 47	1 36	30 27	8 12	13 12	13 21	19 29		n.a.
M 4	7 31	17 43	5 1	14 21	2 9	5 15	1 12	23 37	0 55	14 9	1 3	16 2	1 38	19 43	0 7	8 47	1 36	30 27	8 11	13 12	13 22	19 29		n.a.
T 5	7 8	19 4	4 34	13 40	2 6	4 45	1 11	23 33	0 56	14 5	1 3	16 4	1 37	19 43	0 7	8 48	1 36	30 27	8 11	13 12	13 23	19 29		n.a.
W 6	6 45	19 34	3 55	12 57	2 3	4 14	1 10	23 28	0 57	14 0	1 3	16 5	1 37	19 43	0 7	8 49	1 36	30 27	8 11	13 12	13 25	19 28		n.a.
T 7	6 23	19 12	3 7	12 13	2 0	3 43	1 8	23 23	0 58	13 55	1 4	16 7	1 37	19 43	0 7	8 49	1 36	30 27	8 11	13 11	13 26	19 28		n.a.
F 8	6 0	18 0	2 10	11 27	1 56	3 12	1 7	23 17	0 59	13 50	1 4	16 8	1 37	19 43	0 7	8 50	1 36	30 27	8 11	13 11	13 27	19 28		n.a.
S 9	5 37	15 58	1 7	10 40	1 51	2 41	1 5	23 11	1 0	13 46	1 4	16 10	1 36	19 43	0 7	8 50	1 36	30 27	8 11	13 10	13 28	19 28		n.a.
S 10	5 14	13 13	0 1	9 51	1 46	2 10	1 4	23 5	1 1	13 41	1 4	16 11	1 36	19 43	0 7	8 51	1 36	30 27	8 11	13 10	13 29	19 28		n.a.
M11	4 50	9 51	1n 6	9 1	1 40	1 38	1 2	22 59	1 2	13 36	1 4	16 13	1 36	19 43	0 7	8 52	1 36	30 27	8 11	13 10	13 30	19 28		n.a.
T 12	4 27	5 59	2 12	8 9	1 34	1 7	1 1	22 53	1 3	13 31	1 4	16 14	1 36	19 43	0 7	8 52	1 36	30 27	8 11	13 11	13 31	19 28		n.a.
W13	4 4	1 46	3 11	7 16	1 27	0 36	0 59	22 46	1 4	13 27	1 4	16 16	1 35	19 43	0 7	8 53	1 36	30 27	8 10	13 12	13 32	19 27		n.a.
T 14	3 41	2s35	4 3	6 21	1 20	0 4	0 57	22 39	1 5	13 22	1 4	16 18	1 35	19 43	0 7	8 54	1 36	30 27	8 10	13 13	13 33	19 27		n.a.
F 15	3 17	6 53	4 42	5 25	1 12	0n27	0 55	22 32	1 6	13 17	1 4	16 19	1 35	19 43	0 7	8 54	1 36	30 27	8 10	13 15	13 34	19 27		n.a.
S 16	2 54	10 55	5 6	4 28	1 4	0 58	0 53	22 25	1 6	13 12	1 5	16 21	1 35	19 43	0 7	8 55	1 36	30 27	8 10	13 16	13 35	19 27		n.a.
S 17	2 30	14 26	5 13	3 31	0 55	1 30	0 52	22 17	1 7	13 8	1 5	16 23	1 35	19 43	0 7	8 56	1 36	30 27	8 10	13 17	13 36	19 27		n.a.
M18	2 7	17 12	5 3	2 32	0 46	2 1	0 50	22 10	1 8	13 3	1 5	16 24	1 34	19 42	0 7	8 56	1 36	30 27	8 10	13 18	13 37	19 27		n.a.
T 19	1 43	19 0	4 34	1 32	0 36	2 32	0 48	22 2	1 9	12 58	1 5	16 26	1 34	19 42	0 7	8 57	1 36	30 27	8 10	13 18	13 38	19 26		n.a.
W20	1 20	19 38	3 49	0 32	0 26	3 4	0 46	21 53	1 10	12 54	1 5	16 28	1 34	19 42	0 7	8 57	1 36	30 27	8 9	13 18	13 39	19 26		n.a.
T 21	0 57	19 1	2 49	0n29	0 16	3 35	0 44	21 45	1 11	12 49	1 5	16 30	1 34	19 42	0 7	8 58	1 36	30 27	8 9	13 18	13 41	19 26		n.a.
F 22	0 33	17 10	1 38	1 29	0 6	4 6	0 41	21 36	1 12	12 44	1 5	16 31	1 34	19 42	0 7	8 59	1 36	30 26	8 9	13 17	13 42	19 26		n.a.
S 23	0 10	14 14	0 21	2 30	0n 5	4 37	0 39	21 27	1 13	12 39	1 5	16 33	1 33	19 42	0 7	8 59	1 36	30 26	8 9	13 17	13 43	19 26		n.a.
S 24	0n14	10 26	0s57	3 31	0 16	5 8	0 37	21 18	1 14	12 35	1 6	16 35	1 33	19 41	0 7	9 0	1 36	30 26	8 9	13 17	13 44	19 25		n.a.
M25	0 37	6 4	2 11	4 31	0 27	5 39	0 35	21 9	1 15	12 30	1 6	16 37	1 33	19 41	0 7	9 0	1 36	30 26	8 9	13 18	13 45	19 25		n.a.
T 26	1 1	1 26	3 15	5 30	0 38	6 10	0 33	20 59	1 16	12 25	1 6	16 38	1 33	19 41	0 7	9 1	1 36	30 26	8 9	13 19	13 46	19 25		n.a.
W27	1 24	3n12	4 7	6 28	0 49	6 40	0 30	20 50	1 16	12 21	1 6	16 40	1 33	19 41	0 7	9 1	1 36	30 26	8 8	13 21	13 47	19 25		n.a.
T 28	1 48	7 33	4 44	7 25	1 0	7 11	0 28	20 40	1 17	12 16	1 6	16 42	1 32	19 40	0 7	9 2	1 36	30 26	8 8	13 23	13 48	19 25		n.a.
F 29	2 11	11 26	5 5	8 21	1 11	7 41	0 26	20 30	1 18	12 12	1 6	16 44	1 32	19 40	0 7	9 3	1 36	30 26	8 8	13 25	13 49	19 24		n.a.
S 30	2 34	14 41	5 10	9 15	1 21	8 11	0 23	20 19	1 19	12 7	1 6	16 46	1 32	19 40	0 7	9 3	1 36	30 26	8 8	13 27	13 50	19 24		n.a.
S 31	2n58	17n10	5s 0	10n 8	1n31	8n41	0s21	20s 9	1s20	12s 2	1s 7	16n48	1s32	19s40	0n 7	9n 4	1n36	30n25	8n 8	13n29	13n51	19n24		n.a.

Julian Day Number = 1710159.5, Delta T = 03h01m08s
Ecliptic obliquity = 23°41'48, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°29'18, Lahiri = - 4°22'18 Julian Calendar 1 March 31 BCE == Greg. Calendar 27 Feb. 031 BCE

The year -30 astronomical counting style corresponds to year 031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 31 BCE
geocentric

APRIL 31 BCE (-30) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 26 24	8♈20'52	21♊39	24♈ 1	24♈ 9	7♒13	1♓51	21♉22	27°R20	10°R47	18°R41	24°R29	23♌23	19♋50	n.a.	M 1
T 2	12 30 21	9°19'00	3♋38	25°48	25°22	7°58	2° 4	21°29	27♏18	10♍46	18♋41	24♌27	23°20	19°56	n.a.	T 2
W 3	12 34 17	10°17'05	15°30	27°32	26°36	8°43	2°17	21°35	27°17	10°45	18°D41	24°D27	23°17	20° 3	n.a.	W 3
T 4	12 38 14	11°15'08	27°20	29°13	27°50	9°28	2°30	21°42	27°15	10°43	18°41	24°28	23°13	20°10	n.a.	T 4
F 5	12 42 10	12°13'09	9♌12	0♉50	29° 3	10°12	2°43	21°49	27°14	10°42	18°41	24°30	23°10	20°16	n.a.	F 5
S 6	12 46 7	13°11'09	21°13	2°24	0♉17	10°57	2°55	21°55	27°13	10°41	18°41	24°R31	23° 7	20°23	n.a.	S 6
S 7	12 50 3	14° 9'06	3♍25	3°53	1°30	11°42	3° 8	22° 2	27°11	10°39	18°41	24°30	23° 4	20°30	n.a.	S 7
M 8	12 54 0	15° 7'01	15°53	5°19	2°44	12°27	3°21	22° 9	27° 9	10°38	18°42	24°28	23° 1	20°36	n.a.	M 8
T 9	12 57 56	16° 4'55	28°39	6°40	3°57	13°12	3°33	22°16	27° 8	10°37	18°42	24°24	22°57	20°43	n.a.	T 9
W10	13 1 53	17° 2'47	11♎44	7°57	5°10	13°57	3°45	22°23	27° 6	10°35	18°42	24°17	22°54	20°50	n.a.	W10
T 11	13 5 50	18° 0'37	25° 8	9°11	6°24	14°41	3°58	22°30	27° 4	10°34	18°42	24° 9	22°51	20°56	n.a.	T 11
F 12	13 9 46	18°58'26	8♏48	10°20	7°37	15°26	4°10	22°37	27° 3	10°33	18°42	24° 0	22°48	21° 3	n.a.	F 12
S 13	13 13 43	19°56'13	22°42	11°25	8°50	16°11	4°22	22°44	27° 1	10°32	18°43	23°51	22°45	21°10	n.a.	S 13
S 14	13 17 39	20°53'59	6♐45	12°25	10° 4	16°56	4°34	22°51	26°59	10°30	18°43	23°44	22°42	21°16	n.a.	S 14
M15	13 21 36	21°51'44	20°53	13°21	11°17	17°40	4°46	22°58	26°57	10°29	18°43	23°38	22°38	21°23	n.a.	M15
T 16	13 25 32	22°49'27	5♑ 4	14°13	12°30	18°25	4°58	23° 5	26°56	10°28	18°44	23°34	22°35	21°30	n.a.	T 16
W17	13 29 29	23°47'10	19°15	15° 0	13°43	19°10	5°10	23°12	26°54	10°27	18°44	23°D33	22°32	21°36	n.a.	W17
T 18	13 33 25	24°44'51	3♒23	15°42	14°57	19°54	5°22	23°20	26°52	10°26	18°44	23°33	22°29	21°43	n.a.	T 18
F 19	13 37 22	25°42'31	17°28	16°20	16°10	20°39	5°33	23°27	26°50	10°25	18°45	23°R34	22°26	21°50	n.a.	F 19
S 20	13 41 19	26°40'10	1♓29	16°53	17°23	21°23	5°45	23°34	26°48	10°24	18°45	23°34	22°23	21°56	n.a.	S 20
S 21	13 45 15	27°37'47	15°24	17°21	18°36	22° 8	5°57	23°41	26°46	10°23	18°46	23°32	22°19	22° 3	n.a.	S 21
M22	13 49 12	28°35'24	29°12	17°45	19°49	22°52	6° 8	23°49	26°44	10°22	18°46	23°27	22°16	22°10	n.a.	M22
T 23	13 53 8	29°32'59	12♈50	18° 4	21° 2	23°36	6°19	23°56	26°42	10°21	18°47	23°20	22°13	22°16	n.a.	T 23
W24	13 57 5	0♉30'33	26°16	18°18	22°15	24°21	6°31	24° 4	26°40	10°20	18°47	23°11	22°10	22°23	n.a.	W24
T 25	14 1 1	1°28'06	9♉28	18°27	23°28	25° 5	6°42	24°11	26°37	10°19	18°48	23° 0	22° 7	22°30	n.a.	T 25
F 26	14 4 58	2°25'38	22°24	18°R31	24°41	25°49	6°53	24°19	26°35	10°18	18°49	22°48	22° 3	22°36	n.a.	F 26
S 27	14 8 54	3°23'09	5♊ 3	18°31	25°54	26°34	7° 4	24°26	26°33	10°17	18°49	22°37	22° 0	22°43	n.a.	S 27
S 28	14 12 51	4°20'38	17°26	18°26	27° 7	27°18	7°15	24°34	26°31	10°17	18°50	22°27	21°57	22°50	n.a.	S 28
M29	14 16 47	5°18'06	29°35	18°17	28°20	28° 2	7°25	24°41	26°29	10°16	18°51	22°20	21°54	22°56	n.a.	M29
T 30	14 20 44	6♉15'32	11♋33	18♉ 4	29♉33	28♒46	7♓36	24♉49	26♏26	10♍15	18♋51	22♌15	21♌51	23♋ 3	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3n21	18n50	4s36	10n58	1n40	9n11	0s19	19s58	1s21	11s58	1s 7	16n49	1s32	19s39	0n 7	9n 4	1n36	30n25	8n 8	13n30	13n52	19n24		n.a.
T 2	3 44	19 38	4 1	11 46	1 49	9 40	0 16	19 47	1 22	11 53	1 7	16 51	1 31	19 39	0 7	9 5	1 36	30 25	8 8	13 31	13 53	19 23		n.a.
W 3	4 7	19 33	3 15	12 32	1 58	10 9	0 14	19 36	1 23	11 49	1 7	16 53	1 31	19 39	0 7	9 5	1 36	30 25	8 7	13 31	13 54	19 23		n.a.
T 4	4 30	18 36	2 22	13 16	2 6	10 38	0 11	19 25	1 24	11 44	1 7	16 55	1 31	19 38	0 7	9 6	1 35	30 25	8 7	13 30	13 55	19 23		n.a.
F 5	4 53	16 50	1 22	13 57	2 13	11 7	0 9	19 14	1 24	11 40	1 7	16 57	1 31	19 38	0 7	9 6	1 35	30 25	8 7	13 30	13 56	19 23		n.a.
S 6	5 16	14 18	0 18	14 36	2 19	11 36	0 6	19 2	1 25	11 35	1 7	16 59	1 31	19 38	0 7	9 7	1 35	30 24	8 7	13 30	13 57	19 22		n.a.
S 7	5 38	11 6	0n48	15 13	2 25	12 4	0 4	18 50	1 26	11 31	1 8	17 1	1 31	19 37	0 7	9 7	1 35	30 24	8 7	13 30	13 59	19 22		n.a.
M 8	6 1	7 21	1 53	15 47	2 30	12 32	0 1	18 38	1 27	11 26	1 8	17 3	1 30	19 37	0 7	9 8	1 35	30 24	8 7	13 30	14 0	19 22		n.a.
T 9	6 24	3 11	2 53	16 18	2 34	13 0	0n 1	18 26	1 28	11 22	1 8	17 5	1 30	19 37	0 7	9 8	1 35	30 24	8 6	13 32	14 1	19 22		n.a.
W10	6 46	1s14	3 46	16 47	2 37	13 27	0 4	18 14	1 29	11 18	1 8	17 7	1 30	19 36	0 7	9 9	1 35	30 24	8 6	13 34	14 2	19 21		n.a.
T 11	7 8	5 41	4 28	17 13	2 39	13 54	0 7	18 2	1 30	11 13	1 8	17 9	1 30	19 36	0 7	9 9	1 35	30 24	8 6	13 37	14 3	19 21		n.a.
F 12	7 31	9 56	4 55	17 37	2 40	14 21	0 9	17 49	1 30	11 9	1 9	17 11	1 30	19 35	0 7	9 10	1 35	30 23	8 6	13 40	14 4	19 21		n.a.
S 13	7 53	13 43	5 5	17 58	2 41	14 47	0 12	17 36	1 31	11 5	1 9	17 12	1 30	19 35	0 7	9 10	1 35	30 23	8 6	13 43	14 5	19 21		n.a.
S 14	8 15	16 47	4 58	18 16	2 40	15 13	0 14	17 24	1 32	11 0	1 9	17 14	1 30	19 35	0 7	9 10	1 35	30 23	8 6	13 45	14 6	19 20		n.a.
M15	8 36	18 52	4 32	18 32	2 39	15 39	0 17	17 11	1 33	10 56	1 9	17 16	1 29	19 34	0 7	9 11	1 35	30 23	8 6	13 47	14 7	19 20		n.a.
T 16	8 58	19 47	3 49	18 46	2 37	16 4	0 20	16 57	1 34	10 52	1 9	17 18	1 29	19 34	0 7	9 11	1 35	30 23	8 5	13 48	14 8	19 20		n.a.
W17	9 20	19 27	2 53	18 57	2 33	16 29	0 22	16 44	1 35	10 48	1 9	17 20	1 29	19 33	0 7	9 12	1 35	30 22	8 5	13 49	14 9	19 19		n.a.
T 18	9 41	17 54	1 46	19 5	2 29	16 53	0 25	16 31	1 35	10 43	1 10	17 22	1 29	19 33	0 7	9 12	1 35	30 22	8 5	13 49	14 10	19 19		n.a.
F 19	10 2	15 15	0 33	19 11	2 23	17 17	0 27	16 17	1 36	10 39	1 10	17 24	1 29	19 32	0 7	9 12	1 35	30 22	8 5	13 49	14 11	19 19		n.a.
S 20	10 24	11 43	0s42	19 15	2 17	17 41	0 30	16 3	1 37	10 35	1 10	17 26	1 29	19 32	0 7	9 13	1 35	30 22	8 5	13 49	14 12	19 19		n.a.
S 21	10 44	7 34	1 54	19 16	2 9	18 4	0 32	15 50	1 38	10 31	1 10	17 28	1 28	19 32	0 7	9 13	1 35	30 22	8 5	13 49	14 13	19 18		n.a.
M22	11 5	3 2	2 58	19 14	2 1	18 26	0 35	15 36	1 39	10 27	1 10	17 30	1 28	19 31	0 7	9 13	1 35	30 21	8 4	13 51	14 14	19 18		n.a.
T 23	11 26	1n35	3 51	19 10	1 51	18 49	0 37	15 22	1 40	10 23	1 11	17 32	1 28	19 31	0 7	9 14	1 35	30 21	8 4	13 53	14 15	19 18		n.a.
W24	11 46	6 3	4 30	19 4	1 41	19 10	0 40	15 7	1 40	10 19	1 11	17 34	1 28	19 30	0 7	9 14	1 35	30 21	8 4	13 56	14 16	19 17		n.a.
T 25	12 7	10 9	4 54	18 56	1 29	19 32	0 42	14 53	1 41	10 15	1 11	17 36	1 28	19 30	0 7	9 14	1 35	30 21	8 4	14 0	14 17	19 17		n.a.
F 26	12 27	13 42	5 2	18 45	1 17	19 52	0 45	14 39	1 42	10 11	1 11	17 38	1 28	19 29	0 7	9 15	1 35	30 20	8 4	14 4	14 18	19 17		n.a.
S 27	12 47	16 32	4 55	18 32	1 4	20 12	0 47	14 24	1 43	10 7	1 11	17 40	1 28	19 29	0 7	9 15	1 35	30 20	8 4	14 7	14 19	19 16		n.a.
S 28	13 6	18 32	4 35	18 18	0 50	20 32	0 50	14 9	1 43	10 3	1 12	17 42	1 28	19 28	0 7	9 15	1 35	30 20	8 4	14 11	14 20	19 16		n.a.
M29	13 26	19 40	4 1	18 1	0 35	20 51	0 52	13 55	1 44	9 59	1 12	17 44	1 27	19 28	0 7	9 16	1 35	30 20	8 3	14 13	14 22	19 16		n.a.
T 30	13n45	19n54	3s18	17n42	0n19	21n10	0n55	13s40	1s45	9s55	1s12	17n46	1s27	19s27	0n 7	9n16	1n35	30n19	8n 3	14n15	14n23	19n15		n.a.

Julian Day Number = 1710190.5, Delta T = 03h01m08s
Ecliptic obliquity = 23°41'48, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°29'14, Lahiri = - 4°22'13 Julian Calendar 1 Apr. 31 BCE == Greg. Calendar 30 March 031 BCE

The year -30 astronomical counting style corresponds to year 031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 31 BCE
geocentric

MAY 31 BCE (-30) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 24 41	7♉12'58	23♋24	17°R46	0♊46	29♒30	7♓47	24♉57	26°R24	10°R14	18♋52	22°R12	21♌48	23♋10	n.a.	W 1
T 2	14 28 37	8°10'22	5♌13	17♉25	1°59	0♓14	7°57	25° 4	26♏22	10♍14	18°53	22°D12	21°44	23°16	n.a.	T 2
F 3	14 32 34	9° 7'44	17° 5	17° 1	3°11	0°58	8° 7	25°12	26°20	10°13	18°54	22°R12	21°41	23°23	n.a.	F 3
S 4	14 36 30	10° 5'06	29° 6	16°34	4°24	1°42	8°18	25°20	26°17	10°12	18°54	22♌12	21°38	23°30	n.a.	S 4
S 5	14 40 27	11° 2'26	11♍21	16° 5	5°37	2°25	8°28	25°27	26°15	10°12	18°55	22°10	21°35	23°36	n.a.	S 5
M 6	14 44 23	11°59'45	23°54	15°33	6°49	3° 9	8°38	25°35	26°13	10°11	18°56	22° 7	21°32	23°43	n.a.	M 6
T 7	14 48 20	12°57'02	6♎49	15° 1	8° 2	3°53	8°48	25°43	26°10	10°10	18°57	22° 1	21°28	23°50	n.a.	T 7
W 8	14 52 16	13°54'19	20° 8	14°27	9°15	4°36	8°57	25°50	26° 8	10°10	18°58	21°53	21°25	23°56	n.a.	W 8
T 9	14 56 13	14°51'35	3♏51	13°54	10°27	5°20	9° 7	25°58	26° 5	10° 9	18°59	21°43	21°22	24° 3	n.a.	T 9
F 10	15 0 10	15°48'50	17°54	13°20	11°40	6° 3	9°17	26° 6	26° 3	10° 9	19° 0	21°31	21°19	24°10	n.a.	F 10
S 11	15 4 6	16°46'04	2♐14	12°48	12°52	6°47	9°26	26°14	26° 1	10° 8	19° 1	21°20	21°16	24°16	n.a.	S 11
S 12	15 8 3	17°43'18	16°43	12°17	14° 5	7°30	9°35	26°22	25°58	10° 8	19° 2	21°10	21°13	24°23	n.a.	S 12
M13	15 11 59	18°40'31	1♑15	11°48	15°17	8°14	9°45	26°29	25°56	10° 8	19° 3	21° 2	21° 9	24°30	n.a.	M13
T 14	15 15 56	19°37'43	15°45	11°22	16°30	8°57	9°54	26°37	25°53	10° 7	19° 4	20°57	21° 6	24°36	n.a.	T 14
W15	15 19 52	20°34'56	0♒ 8	10°59	17°42	9°40	10° 3	26°45	25°51	10° 7	19° 5	20°55	21° 3	24°43	n.a.	W15
T 16	15 23 49	21°32'08	14°20	10°39	18°54	10°23	10°11	26°53	25°49	10° 7	19° 6	20°54	21° 0	24°50	n.a.	T 16
F 17	15 27 46	22°29'19	28°21	10°22	20° 7	11° 6	10°20	27° 1	25°46	10° 6	19° 7	20°54	20°57	24°56	n.a.	F 17
S 18	15 31 42	23°26'30	12♓10	10°10	21°19	11°49	10°29	27° 9	25°44	10° 6	19° 8	20°53	20°54	25° 3	n.a.	S 18
S 19	15 35 39	24°23'41	25°47	10° 2	22°31	12°32	10°37	27°17	25°41	10° 6	19° 9	20°51	20°50	25°10	n.a.	S 19
M20	15 39 35	25°20'52	9♈14	9°D58	23°43	13°15	10°45	27°24	25°39	10° 6	19°11	20°46	20°47	25°16	n.a.	M20
T 21	15 43 32	26°18'03	22°29	9°58	24°56	13°57	10°54	27°32	25°36	10° 6	19°12	20°38	20°44	25°23	n.a.	T 21
W22	15 47 28	27°15'13	5♉33	10° 4	26° 8	14°40	11° 2	27°40	25°34	10° 6	19°13	20°27	20°41	25°30	n.a.	W22
T 23	15 51 25	28°12'23	18°25	10°14	27°20	15°23	11° 9	27°48	25°31	10° 6	19°14	20°15	20°38	25°36	n.a.	T 23
F 24	15 55 21	29° 9'33	1♊ 4	10°28	28°32	16° 5	11°17	27°56	25°29	10° 6	19°16	20° 2	20°34	25°43	n.a.	F 24
S 25	15 59 18	0♊ 6'42	13°30	10°47	29°44	16°47	11°25	28° 4	25°26	10°D 5	19°17	19°50	20°31	25°50	n.a.	S 25
S 26	16 3 15	1° 3'51	25°43	11°11	0♋56	17°30	11°32	28°12	25°24	10° 6	19°18	19°39	20°28	25°56	n.a.	S 26
M27	16 7 11	2° 1'00	7♋46	11°40	2° 8	18°12	11°40	28°20	25°22	10° 6	19°20	19°30	20°25	26° 3	n.a.	M27
T 28	16 11 8	2°58'09	19°40	12°13	3°20	18°54	11°47	28°28	25°19	10° 6	19°21	19°24	20°22	26°10	n.a.	T 28
W29	16 15 4	3°55'17	1♌29	12°50	4°32	19°36	11°54	28°35	25°17	10° 6	19°22	19°21	20°19	26°16	n.a.	W29
T 30	16 19 1	4°52'24	13°16	13°32	5°44	20°18	12° 1	28°43	25°14	10° 6	19°24	19°19	20°15	26°23	n.a.	T 30
F 31	16 22 57	5♊49'32	25♌ 7	14♉19	6♋56	21♓ 0	12♓ 7	28♉51	25♏12	10♍ 6	19♋25	19°D19	20♌12	26♋30	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	14n 4	19n14	2s27	17n22	0n 3	21n28	0n57	13s25	1s46	9s52	1s12	17n48	1s27	19s27	0n 7	9n16	1n35	30n19	8n 3	14n15	14n24	19n15			n.a.
T 2	14 23	17 44	1 29	17 0	0s14	21 45	0 59	13 10	1 46	9 48	1 13	17 50	1 27	19 26	0 7	9 16	1 35	30 19	8 3	14 16	14 25	19 15			n.a.
F 3	14 42	15 27	0 27	16 37	0 31	22 2	1 2	12 55	1 47	9 44	1 13	17 52	1 27	19 25	0 7	9 17	1 35	30 19	8 3	14 16	14 26	19 14			n.a.
S 4	15 0	12 29	0n37	16 12	0 48	22 18	1 4	12 40	1 48	9 40	1 13	17 54	1 27	19 25	0 7	9 17	1 35	30 18	8 3	14 16	14 27	19 14			n.a.
S 5	15 18	8 55	1 40	15 47	1 5	22 33	1 6	12 25	1 49	9 37	1 13	17 56	1 27	19 24	0 7	9 17	1 35	30 18	8 3	14 16	14 28	19 14			n.a.
M 6	15 36	4 53	2 40	15 22	1 22	22 48	1 8	12 9	1 49	9 33	1 13	17 58	1 27	19 24	0 7	9 17	1 35	30 18	8 2	14 17	14 29	19 13			n.a.
T 7	15 54	0 31	3 33	14 56	1 39	23 3	1 10	11 54	1 50	9 30	1 14	18 0	1 27	19 23	0 7	9 17	1 34	30 18	8 2	14 19	14 30	19 13			n.a.
W 8	16 11	4s 0	4 16	14 31	1 55	23 16	1 13	11 38	1 51	9 26	1 14	18 2	1 26	19 23	0 7	9 18	1 34	30 17	8 2	14 22	14 31	19 12			n.a.
T 9	16 28	8 27	4 46	14 5	2 11	23 29	1 15	11 23	1 51	9 23	1 14	18 3	1 26	19 22	0 7	9 18	1 34	30 17	8 2	14 25	14 32	19 12			n.a.
F 10	16 45	12 33	5 0	13 41	2 26	23 42	1 17	11 7	1 52	9 19	1 14	18 5	1 26	19 22	0 7	9 18	1 34	30 17	8 2	14 29	14 33	19 12			n.a.
S 11	17 2	16 0	4 55	13 18	2 41	23 53	1 19	10 52	1 53	9 16	1 15	18 7	1 26	19 21	0 7	9 18	1 34	30 17	8 2	14 33	14 34	19 11			n.a.
S 12	17 18	18 31	4 32	12 55	2 54	24 4	1 21	10 36	1 54	9 13	1 15	18 9	1 26	19 21	0 7	9 18	1 34	30 16	8 2	14 36	14 35	19 11			n.a.
M13	17 34	19 51	3 50	12 35	3 7	24 14	1 23	10 20	1 54	9 9	1 15	18 11	1 26	19 20	0 7	9 18	1 34	30 16	8 2	14 38	14 36	19 11			n.a.
T 14	17 50	19 52	2 54	12 16	3 18	24 24	1 24	10 4	1 55	9 6	1 15	18 13	1 26	19 19	0 7	9 18	1 34	30 16	8 1	14 40	14 37	19 10			n.a.
W15	18 5	18 35	1 48	11 59	3 28	24 33	1 26	9 48	1 56	9 3	1 16	18 15	1 26	19 19	0 7	9 18	1 34	30 15	8 1	14 41	14 38	19 10			n.a.
T 16	18 20	16 9	0 35	11 45	3 37	24 41	1 28	9 33	1 56	9 0	1 16	18 17	1 26	19 18	0 7	9 18	1 34	30 15	8 1	14 41	14 39	19 9			n.a.
F 17	18 35	12 47	0s39	11 32	3 44	24 49	1 30	9 17	1 57	8 57	1 16	18 19	1 26	19 18	0 7	9 19	1 34	30 15	8 1	14 41	14 40	19 9			n.a.
S 18	18 50	8 46	1 50	11 23	3 51	24 56	1 31	9 1	1 57	8 54	1 16	18 21	1 26	19 17	0 7	9 19	1 34	30 15	8 1	14 41	14 41	19 8			n.a.
S 19	19 4	4 20	2 53	11 15	3 56	25 2	1 33	8 45	1 58	8 51	1 17	18 23	1 25	19 16	0 7	9 19	1 34	30 14	8 1	14 42	14 42	19 8			n.a.
M20	19 18	0n14	3 46	11 11	3 59	25 7	1 34	8 29	1 59	8 48	1 17	18 24	1 25	19 16	0 7	9 19	1 34	30 14	8 1	14 44	14 43	19 8			n.a.
T 21	19 32	4 44	4 26	11 8	4 2	25 12	1 36	8 12	1 59	8 45	1 17	18 26	1 25	19 15	0 7	9 19	1 34	30 14	8 1	14 46	14 44	19 7			n.a.
W22	19 45	8 57	4 51	11 9	4 3	25 15	1 37	7 56	2 0	8 42	1 17	18 28	1 25	19 15	0 7	9 19	1 34	30 13	8 1	14 50	14 45	19 7			n.a.
T 23	19 58	12 41	5 0	11 12	4 3	25 19	1 38	7 40	2 0	8 39	1 18	18 30	1 25	19 14	0 7	9 19	1 34	30 13	8 0	14 53	14 46	19 6			n.a.
F 24	20 11	15 47	4 55	11 17	4 2	25 21	1 40	7 24	2 1	8 37	1 18	18 32	1 25	19 14	0 7	9 19	1 34	30 13	8 0	14 58	14 47	19 6			n.a.
S 25	20 24	18 6	4 36	11 25	4 0	25 23	1 41	7 8	2 2	8 34	1 18	18 34	1 25	19 13	0 7	9 19	1 34	30 13	8 0	15 2	14 48	19 5			n.a.
S 26	20 36	19 34	4 4	11 35	3 57	25 24	1 42	6 52	2 2	8 31	1 19	18 36	1 25	19 12	0 7	9 18	1 34	30 12	8 0	15 5	14 49	19 5			n.a.
M27	20 47	20 7	3 21	11 48	3 53	25 24	1 43	6 36	2 3	8 29	1 19	18 37	1 25	19 12	0 7	9 18	1 34	30 12	8 0	15 8	14 50	19 5			n.a.
T 28	20 59	19 45	2 31	12 3	3 48	25 23	1 44	6 19	2 3	8 26	1 19	18 39	1 25	19 11	0 7	9 18	1 34	30 12	8 0	15 10	14 51	19 4			n.a.
W29	21 10	18 32	1 33	12 20	3 42	25 22	1 45	6 3	2 4	8 24	1 19	18 41	1 25	19 11	0 7	9 18	1 34	30 11	8 0	15 11	14 52	19 4			n.a.
T 30	21 20	16 30	0 32	12 38	3 36	25 20	1 46	5 47	2 4	8 21	1 20	18 43	1 25	19 10	0 7	9 18	1 33	30 11	8 0	15 11	14 53	19 3			n.a.
F 31	21n31	13n46	0n31	12n59	3s28	25n17	1n47	5s31	2s 5	8s19	1s20	18n44	1s25	19s10	0n 7	9n18	1n33	30n11	8n 0	15n11	14n54	19n 3			n.a.

Julian Day Number = 1710220.5, Delta T = 03h01m07s
Ecliptic obliquity = 23°41'48, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°29'10, Lahiri = - 4°22'09 Julian Calendar 1 May 31 BCE == Greg. Calendar 29 Apr. 031 BCE

The year -30 astronomical counting style corresponds to year 031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 31 BCE
geocentric

JUNE 31 BCE (-30) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 26 54	6♊46'38	7♍ 7	15♉10	8♋ 7	21♓41	12♓14	28♉59	25°R10	10♍ 6	19♋26	19°R20	20♌ 9	26♋36	n.a.	S 1
S 2	16 30 50	7°43'45	19°21	16° 5	9°19	22°23	12°20	29° 7	25♏ 7	10° 7	19°28	19♌19	20° 6	26°43	n.a.	S 2
M 3	16 34 47	8°40'51	1♎55	17° 4	10°31	23° 4	12°26	29°15	25° 5	10° 7	19°29	19°17	20° 3	26°50	n.a.	M 3
T 4	16 38 44	9°37'57	14°52	18° 8	11°42	23°46	12°33	29°22	25° 2	10° 7	19°31	19°12	20° 0	26°56	n.a.	T 4
W 5	16 42 40	10°35'03	28°17	19°15	12°54	24°27	12°38	29°30	25° 0	10° 8	19°32	19° 6	19°56	27° 3	n.a.	W 5
T 6	16 46 37	11°32'09	12♏ 8	20°27	14° 5	25° 8	12°44	29°38	24°58	10° 8	19°34	18°57	19°53	27°10	n.a.	T 6
F 7	16 50 33	12°29'14	26°25	21°43	15°17	25°49	12°50	29°46	24°55	10° 8	19°35	18°47	19°50	27°16	n.a.	F 7
S 8	16 54 30	13°26'20	11♐ 3	23° 3	16°28	26°30	12°55	29°53	24°53	10° 9	19°37	18°37	19°47	27°23	n.a.	S 8
S 9	16 58 26	14°23'26	25°53	24°26	17°40	27°11	13° 1	0♊ 1	24°51	10° 9	19°38	18°29	19°44	27°30	n.a.	S 9
M10	17 2 23	15°20'33	10♑49	25°54	18°51	27°52	13° 6	0° 9	24°49	10°10	19°40	18°22	19°40	27°36	n.a.	M10
T 11	17 6 19	16°17'39	25°41	27°25	20° 2	28°32	13°11	0°17	24°46	10°10	19°42	18°18	19°37	27°43	n.a.	T 11
W12	17 10 16	17°14'47	10♒22	29° 0	21°14	29°13	13°15	0°24	24°44	10°11	19°43	18°16	19°34	27°49	n.a.	W12
T 13	17 14 13	18°11'54	24°47	0♊39	22°25	29°53	13°20	0°32	24°42	10°12	19°45	18°D16	19°31	27°56	n.a.	T 13
F 14	17 18 9	19° 9'03	8♓55	2°21	23°36	0♈33	13°24	0°39	24°40	10°12	19°46	18°17	19°28	28° 3	n.a.	F 14
S 15	17 22 6	20° 6'12	22°43	4° 7	24°47	1°14	13°29	0°47	24°38	10°13	19°48	18°R17	19°25	28° 9	n.a.	S 15
S 16	17 26 2	21° 3'21	6♈14	5°55	25°58	1°54	13°33	0°55	24°36	10°14	19°50	18°16	19°21	28°16	n.a.	S 16
M17	17 29 59	22° 0'32	19°28	7°47	27° 9	2°33	13°37	1° 2	24°33	10°14	19°51	18°13	19°18	28°23	n.a.	M17
T 18	17 33 55	22°57'43	2♉27	9°42	28°20	3°13	13°40	1°10	24°31	10°15	19°53	18° 7	19°15	28°29	n.a.	T 18
W19	17 37 52	23°54'55	15°12	11°39	29°31	3°53	13°44	1°17	24°29	10°16	19°55	18° 0	19°12	28°36	n.a.	W19
T 20	17 41 48	24°52'07	27°46	13°38	0♌42	4°32	13°47	1°25	24°27	10°17	19°56	17°51	19° 9	28°43	n.a.	T 20
F 21	17 45 45	25°49'21	10♊ 8	15°39	1°52	5°11	13°50	1°32	24°25	10°18	19°58	17°41	19° 6	28°49	n.a.	F 21
S 22	17 49 42	26°46'35	22°20	17°43	3° 3	5°51	13°53	1°40	24°23	10°18	20° 0	17°32	19° 2	28°56	n.a.	S 22
S 23	17 53 38	27°43'50	4♋23	19°47	4°14	6°29	13°56	1°47	24°21	10°19	20° 2	17°24	18°59	29° 3	n.a.	S 23
M24	17 57 35	28°41'05	16°19	21°53	5°24	7° 8	13°59	1°54	24°20	10°20	20° 3	17°18	18°56	29° 9	n.a.	M24
T 25	18 1 31	29°38'21	28° 8	23°59	6°35	7°47	14° 1	2° 2	24°18	10°21	20° 5	17°14	18°53	29°16	n.a.	T 25
W26	18 5 28	0♋35'38	9♌55	26° 6	7°45	8°25	14° 3	2° 9	24°16	10°22	20° 7	17°12	18°50	29°23	n.a.	W26
T 27	18 9 24	1°32'55	21°42	28°13	8°56	9° 4	14° 5	2°16	24°14	10°23	20° 9	17°D12	18°46	29°29	n.a.	T 27
F 28	18 13 21	2°30'13	3♍33	0♋20	10° 6	9°42	14° 7	2°23	24°12	10°24	20°10	17°13	18°43	29°36	n.a.	F 28
S 29	18 17 18	3°27'32	15°33	2°27	11°16	10°20	14° 9	2°30	24°11	10°25	20°12	17°14	18°40	29°43	n.a.	S 29
S 30	18 21 14	4♋24'51	27♍46	4♋33	12♌27	10♈58	14♓10	2♊38	24♏ 9	10♍27	20♋14	17♌15	18♌37	29♋49	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n40	10n26	1n33	13n22	3s20	25n14	1n47	5s15	2s 5	8s17	1s20	18n46	1s25	19s 9	0n 7	9n18	1n33	30n11	8n 0	15n11	14n55	19n 2		n.a.
S 2	21 50	6 36	2 33	13 46	3 12	25 10	1 48	4 59	2 6	8 15	1 21	18 48	1 25	19 8	0 7	9 18	1 33	30 10	8 0	15 11	14 56	19 2		n.a.
M 3	21 59	2 23	3 26	14 12	3 2	25 5	1 48	4 42	2 6	8 12	1 21	18 50	1 24	19 8	0 7	9 18	1 33	30 10	8 0	15 12	14 57	19 1		n.a.
T 4	22 8	2s 4	4 11	14 39	2 53	24 59	1 49	4 26	2 7	8 10	1 21	18 52	1 24	19 7	0 7	9 17	1 33	30 10	7 59	15 13	14 58	19 1		n.a.
W 5	22 16	6 34	4 44	15 8	2 42	24 53	1 49	4 10	2 7	8 8	1 21	18 53	1 24	19 7	0 7	9 17	1 33	30 9	7 59	15 16	14 59	19 0		n.a.
T 6	22 25	10 52	5 1	15 37	2 31	24 45	1 50	3 54	2 8	8 6	1 22	18 55	1 24	19 6	0 7	9 17	1 33	30 9	7 59	15 18	15 0	19 0		n.a.
F 7	22 32	14 41	5 1	16 8	2 20	24 38	1 50	3 38	2 8	8 4	1 22	18 57	1 24	19 6	0 7	9 17	1 33	30 9	7 59	15 21	15 1	18 59		n.a.
S 8	22 39	17 42	4 41	16 40	2 9	24 29	1 50	3 22	2 9	8 3	1 22	18 58	1 24	19 5	0 7	9 17	1 33	30 8	7 59	15 24	15 2	18 59		n.a.
S 9	22 46	19 36	4 2	17 12	1 57	24 20	1 50	3 6	2 9	8 1	1 23	19 0	1 24	19 5	0 7	9 16	1 33	30 8	7 59	15 27	15 3	18 58		n.a.
M10	22 53	20 10	3 6	17 45	1 45	24 10	1 50	2 50	2 9	7 59	1 23	19 2	1 24	19 4	0 7	9 16	1 33	30 8	7 59	15 29	15 4	18 58		n.a.
T 11	22 59	19 18	1 58	18 18	1 32	24 0	1 50	2 34	2 10	7 58	1 23	19 3	1 24	19 3	0 7	9 16	1 33	30 8	7 59	15 30	15 5	18 57		n.a.
W12	23 5	17 9	0 42	18 51	1 20	23 48	1 50	2 18	2 10	7 56	1 24	19 5	1 24	19 3	0 7	9 16	1 33	30 7	7 59	15 31	15 6	18 57		n.a.
T 13	23 10	13 57	0s35	19 25	1 7	23 36	1 49	2 2	2 11	7 54	1 24	19 7	1 24	19 2	0 7	9 15	1 33	30 7	7 59	15 31	15 8	18 56		n.a.
F 14	23 15	9 59	1 48	19 58	0 55	23 24	1 49	1 46	2 11	7 53	1 24	19 8	1 24	19 2	0 7	9 15	1 33	30 7	7 59	15 31	15 9	18 56		n.a.
S 15	23 19	5 34	2 54	20 30	0 42	23 11	1 49	1 31	2 11	7 52	1 25	19 10	1 24	19 1	0 7	9 15	1 33	30 6	7 59	15 31	15 10	18 55		n.a.
S 16	23 23	0 59	3 48	21 2	0 30	22 57	1 48	1 15	2 12	7 50	1 25	19 11	1 24	19 1	0 7	9 15	1 33	30 6	7 59	15 31	15 11	18 55		n.a.
M17	23 27	3n33	4 29	21 33	0 18	22 42	1 47	0 59	2 12	7 49	1 25	19 13	1 24	19 0	0 7	9 14	1 33	30 6	7 59	15 32	15 12	18 54		n.a.
T 18	23 30	7 50	4 55	22 3	0 6	22 27	1 47	0 44	2 12	7 48	1 25	19 15	1 24	19 0	0 7	9 14	1 33	30 6	7 59	15 34	15 13	18 54		n.a.
W19	23 33	11 42	5 6	22 31	0n 6	22 12	1 46	0 28	2 13	7 47	1 26	19 16	1 24	18 59	0 7	9 14	1 33	30 5	7 59	15 36	15 14	18 53		n.a.
T 20	23 36	14 59	5 2	22 58	0 17	21 55	1 45	0 13	2 13	7 46	1 26	19 18	1 24	18 59	0 7	9 13	1 33	30 5	7 59	15 39	15 15	18 53		n.a.
F 21	23 38	17 32	4 43	23 23	0 28	21 39	1 44	0n 3	2 13	7 45	1 26	19 19	1 24	18 58	0 7	9 13	1 33	30 5	7 59	15 42	15 16	18 52		n.a.
S 22	23 39	19 17	4 12	23 45	0 38	21 21	1 43	0 18	2 14	7 44	1 27	19 21	1 24	18 58	0 7	9 12	1 32	30 4	7 59	15 45	15 17	18 52		n.a.
S 23	23 41	20 8	3 30	24 6	0 48	21 3	1 42	0 34	2 14	7 43	1 27	19 22	1 24	18 57	0 7	9 12	1 32	30 4	7 59	15 47	15 18	18 51		n.a.
M24	23 41	20 4	2 39	24 23	0 57	20 45	1 40	0 49	2 14	7 43	1 27	19 24	1 24	18 57	0 7	9 12	1 32	30 4	7 59	15 49	15 19	18 50		n.a.
T 25	23 42	19 6	1 41	24 39	1 5	20 25	1 39	1 4	2 14	7 42	1 28	19 25	1 24	18 57	0 7	9 11	1 32	30 4	7 59	15 50	15 20	18 50		n.a.
W26	23 42	17 19	0 39	24 51	1 13	20 6	1 38	1 19	2 15	7 41	1 28	19 27	1 24	18 56	0 7	9 11	1 32	30 3	7 59	15 51	15 21	18 49		n.a.
T 27	23 41	14 49	0n24	25 1	1 20	19 46	1 36	1 34	2 15	7 41	1 28	19 28	1 24	18 56	0 6	9 10	1 32	30 3	7 59	15 51	15 22	18 49		n.a.
F 28	23 40	11 40	1 28	25 8	1 26	19 25	1 34	1 49	2 15	7 41	1 29	19 30	1 24	18 55	0 6	9 10	1 32	30 3	7 59	15 51	15 23	18 48		n.a.
S 29	23 39	8 1	2 28	25 12	1 31	19 4	1 33	2 4	2 15	7 40	1 29	19 31	1 24	18 55	0 6	9 10	1 32	30 2	7 59	15 50	15 24	18 48		n.a.
S 30	23n37	3n59	3n22	25n13	1n36	18n42	1n31	2n19	2s15	7s40	1s29	19n32	1s24	18s54	0n 6	9n 9	1n32	30n 2	7n59	15n50	15n25	18n47		n.a.

Julian Day Number = 1710251.5, Delta T = 03h01m06s
Ecliptic obliquity = 23°41'48, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°29'06, Lahiri = - 4°22'05 Julian Calendar 1 June 31 BCE == Greg. Calendar 30 May 031 BCE

The year -30 astronomical counting style corresponds to year 031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 31 BCE
geocentric

JULY 31 BCE (-30) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 25 11	5♋22'10	10♎17	6♋38	13♌37	11♈35	14♓11	2♊45	24°R 7	10♍28	20♋16	17°R15	18♌34	29♋56	n.a.	M 1
T 2	18 29 7	6°19'31	23°12	8°42	14°47	12°13	14°12	2°52	24♏ 6	10°29	20°18	17♌14	18°31	0♌ 3	n.a.	T 2
W 3	18 33 4	7°16'52	6♏33	10°45	15°57	12°50	14°13	2°59	24° 4	10°30	20°19	17°11	18°27	0° 9	n.a.	W 3
T 4	18 37 0	8°14'14	20°23	12°47	17° 7	13°27	14°14	3° 6	24° 3	10°31	20°21	17° 6	18°24	0°16	n.a.	T 4
F 5	18 40 57	9°11'36	4♐41	14°48	18°16	14° 4	14°14	3°13	24° 1	10°33	20°23	17° 1	18°21	0°23	n.a.	F 5
S 6	18 44 53	10° 9'00	19°23	16°47	19°26	14°41	14°15	3°19	24° 0	10°34	20°25	16°56	18°18	0°29	n.a.	S 6
S 7	18 48 50	11° 6'24	4♑23	18°45	20°36	15°17	14°R15	3°26	23°58	10°35	20°27	16°51	18°15	0°36	n.a.	S 7
M 8	18 52 47	12° 3'50	19°33	20°42	21°45	15°54	14°15	3°33	23°57	10°36	20°29	16°47	18°12	0°43	n.a.	M 8
T 9	18 56 43	13° 1'17	4♒42	22°37	22°55	16°30	14°14	3°40	23°56	10°38	20°30	16°45	18° 8	0°49	n.a.	T 9
W10	19 0 40	13°58'45	19°41	24°30	24° 4	17° 6	14°14	3°46	23°54	10°39	20°32	16°D45	18° 5	0°56	n.a.	W10
T 11	19 4 36	14°56'14	4♓23	26°22	25°14	17°42	14°13	3°53	23°53	10°41	20°34	16°46	18° 2	1° 2	n.a.	T 11
F 12	19 8 33	15°53'45	18°44	28°12	26°23	18°17	14°12	4° 0	23°52	10°42	20°36	16°47	17°59	1° 9	n.a.	F 12
S 13	19 12 29	16°51'17	2♈41	0♌ 1	27°32	18°53	14°11	4° 6	23°51	10°44	20°38	16°48	17°56	1°16	n.a.	S 13
S 14	19 16 26	17°48'51	16°14	1°49	28°41	19°28	14°10	4°13	23°50	10°45	20°40	16°R49	17°52	1°22	n.a.	S 14
M15	19 20 22	18°46'27	29°25	3°34	29°50	20° 3	14° 8	4°19	23°48	10°47	20°41	16°48	17°49	1°29	n.a.	M15
T 16	19 24 19	19°44'04	12♉17	5°19	0♍59	20°37	14° 7	4°25	23°47	10°48	20°43	16°47	17°46	1°36	n.a.	T 16
W17	19 28 16	20°41'43	24°52	7° 2	2° 7	21°12	14° 5	4°32	23°46	10°50	20°45	16°44	17°43	1°42	n.a.	W17
T 18	19 32 12	21°39'23	7♊12	8°43	3°16	21°46	14° 3	4°38	23°46	10°51	20°47	16°40	17°40	1°49	n.a.	T 18
F 19	19 36 9	22°37'05	19°22	10°23	4°25	22°20	14° 0	4°44	23°45	10°53	20°49	16°36	17°37	1°56	n.a.	F 19
S 20	19 40 5	23°34'49	1♋23	12° 2	5°33	22°53	13°58	4°50	23°44	10°54	20°51	16°32	17°33	2° 2	n.a.	S 20
S 21	19 44 2	24°32'34	13°17	13°39	6°41	23°27	13°55	4°56	23°43	10°56	20°53	16°29	17°30	2° 9	n.a.	S 21
M22	19 47 58	25°30'21	25° 7	15°14	7°50	24° 0	13°52	5° 2	23°42	10°58	20°54	16°27	17°27	2°16	n.a.	M22
T 23	19 51 55	26°28'09	6♌54	16°49	8°58	24°33	13°49	5° 8	23°42	10°59	20°56	16°26	17°24	2°22	n.a.	T 23
W24	19 55 51	27°25'59	18°41	18°21	10° 6	25° 5	13°46	5°14	23°41	11° 1	20°58	16°D25	17°21	2°29	n.a.	W24
T 25	19 59 48	28°23'50	0♍31	19°53	11°14	25°38	13°42	5°20	23°40	11° 3	21° 0	16°26	17°17	2°36	n.a.	T 25
F 26	20 3 45	29°21'42	12°25	21°23	12°22	26°10	13°39	5°26	23°40	11° 5	21° 2	16°27	17°14	2°42	n.a.	F 26
S 27	20 7 41	0♌19'36	24°29	22°51	13°29	26°42	13°35	5°31	23°39	11° 6	21° 4	16°28	17°11	2°49	n.a.	S 27
S 28	20 11 38	1°17'32	6♎44	24°18	14°37	27°13	13°31	5°37	23°39	11° 8	21° 5	16°30	17° 8	2°56	n.a.	S 28
M29	20 15 34	2°15'29	19°16	25°43	15°44	27°44	13°27	5°42	23°38	11°10	21° 7	16°31	17° 5	3° 2	n.a.	M29
T 30	20 19 31	3°13'27	2♏ 8	27° 7	16°51	28°15	13°23	5°48	23°38	11°12	21° 9	16°R31	17° 2	3° 9	n.a.	T 30
W31	20 23 27	4♌11'27	15♏23	28♌30	17♍59	28♈46	13♓18	5♊53	23♏38	11♍14	21♋11	16♌31	16♌58	3♌15	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n35	0s18	4n 9	25n11	1n40	18n20	1n29	2n33	2s16	7s40	1s30	19n34	1s24	18s54	0n 6	9n 9	1n32	30n 2	7n59	15n50	15n25	18n46			n.a.
T 2	23 33	4 43	4 44	25 7	1 43	17 58	1 27	2 48	2 16	7 40	1 30	19 35	1 24	18 54	0 6	9 8	1 32	30 2	7 59	15 50	15 26	18 46			n.a.
W 3	23 30	9 2	5 6	25 0	1 45	17 35	1 25	3 2	2 16	7 40	1 30	19 36	1 24	18 53	0 6	9 8	1 32	30 1	7 59	15 51	15 27	18 45			n.a.
T 4	23 26	13 3	5 11	24 51	1 47	17 11	1 23	3 17	2 16	7 40	1 31	19 38	1 24	18 53	0 6	9 7	1 32	30 1	7 59	15 53	15 28	18 45			n.a.
F 5	23 22	16 27	4 57	24 39	1 48	16 47	1 20	3 31	2 16	7 40	1 31	19 39	1 24	18 53	0 6	9 7	1 32	30 1	7 59	15 54	15 29	18 44			n.a.
S 6	23 18	18 54	4 23	24 26	1 49	16 23	1 18	3 45	2 16	7 40	1 31	19 40	1 24	18 52	0 6	9 6	1 32	30 1	7 59	15 56	15 30	18 43			n.a.
S 7	23 14	20 7	3 31	24 10	1 48	15 58	1 16	3 59	2 16	7 40	1 32	19 42	1 24	18 52	0 6	9 6	1 32	30 0	7 59	15 57	15 31	18 43			n.a.
M 8	23 9	19 54	2 23	23 51	1 48	15 33	1 13	4 13	2 16	7 41	1 32	19 43	1 24	18 52	0 6	9 5	1 32	30 0	7 59	15 58	15 32	18 42			n.a.
T 9	23 3	18 14	1 6	23 31	1 46	15 8	1 10	4 27	2 17	7 41	1 32	19 44	1 24	18 51	0 6	9 4	1 32	30 0	7 59	15 59	15 33	18 42			n.a.
W10	22 57	15 20	0s16	23 10	1 44	14 42	1 8	4 41	2 17	7 42	1 33	19 46	1 24	18 51	0 6	9 4	1 32	29 59	7 59	15 59	15 34	18 41			n.a.
T 11	22 51	11 29	1 35	22 46	1 42	14 16	1 5	4 55	2 17	7 42	1 33	19 47	1 24	18 51	0 6	9 3	1 32	29 59	7 59	15 59	15 35	18 40			n.a.
F 12	22 44	7 3	2 46	22 21	1 39	13 50	1 2	5 8	2 17	7 43	1 33	19 48	1 24	18 50	0 6	9 3	1 32	29 59	7 59	15 58	15 36	18 40			n.a.
S 13	22 37	2 22	3 46	21 55	1 35	13 23	0 59	5 22	2 17	7 43	1 34	19 49	1 24	18 50	0 6	9 2	1 32	29 59	7 59	15 58	15 37	18 39			n.a.
S 14	22 30	2n18	4 31	21 27	1 31	12 56	0 56	5 35	2 17	7 44	1 34	19 50	1 24	18 50	0 6	9 1	1 32	29 59	7 59	15 58	15 38	18 38			n.a.
M15	22 22	6 43	5 0	20 58	1 27	12 28	0 53	5 49	2 17	7 45	1 34	19 52	1 24	18 50	0 6	9 1	1 32	29 58	7 59	15 58	15 39	18 38			n.a.
T 16	22 14	10 43	5 13	20 29	1 22	12 1	0 49	6 2	2 17	7 46	1 34	19 53	1 24	18 49	0 6	9 0	1 32	29 58	7 59	15 59	15 40	18 37			n.a.
W17	22 5	14 9	5 11	19 58	1 17	11 33	0 46	6 15	2 17	7 47	1 35	19 54	1 24	18 49	0 6	9 0	1 32	29 58	7 59	15 59	15 41	18 36			n.a.
T 18	21 56	16 55	4 54	19 26	1 12	11 5	0 43	6 28	2 17	7 48	1 35	19 55	1 24	18 49	0 6	8 59	1 32	29 58	7 59	16 0	15 42	18 36			n.a.
F 19	21 47	18 52	4 25	18 53	1 6	10 36	0 39	6 40	2 17	7 49	1 35	19 56	1 24	18 49	0 6	8 58	1 32	29 57	8 0	16 2	15 43	18 35			n.a.
S 20	21 37	19 58	3 43	18 20	1 0	10 8	0 36	6 53	2 17	7 51	1 36	19 57	1 24	18 48	0 6	8 58	1 31	29 57	8 0	16 3	15 44	18 34			n.a.
S 21	21 27	20 10	2 53	17 46	0 53	9 39	0 32	7 5	2 17	7 52	1 36	19 58	1 24	18 48	0 6	8 57	1 31	29 57	8 0	16 4	15 45	18 34			n.a.
M22	21 16	19 27	1 55	17 11	0 47	9 10	0 28	7 18	2 16	7 53	1 36	19 59	1 24	18 48	0 6	8 56	1 31	29 57	8 0	16 5	15 46	18 33			n.a.
T 23	21 5	17 54	0 52	16 36	0 40	8 40	0 24	7 30	2 16	7 55	1 37	20 0	1 24	18 48	0 6	8 56	1 31	29 56	8 0	16 5	15 47	18 32			n.a.
W24	20 54	15 35	0n13	16 0	0 32	8 11	0 21	7 42	2 16	7 56	1 37	20 1	1 24	18 48	0 6	8 55	1 31	29 56	8 0	16 5	15 48	18 32			n.a.
T 25	20 42	12 37	1 17	15 24	0 25	7 41	0 17	7 54	2 16	7 58	1 37	20 2	1 24	18 48	0 6	8 54	1 31	29 56	8 0	16 5	15 49	18 31			n.a.
F 26	20 30	9 7	2 19	14 48	0 17	7 11	0 13	8 6	2 16	8 0	1 37	20 3	1 24	18 47	0 6	8 54	1 31	29 56	8 0	16 5	15 50	18 30			n.a.
S 27	20 18	5 12	3 16	14 12	0 9	6 41	0 8	8 18	2 16	8 1	1 38	20 4	1 24	18 47	0 6	8 53	1 31	29 56	8 0	16 4	15 51	18 30			n.a.
S 28	20 5	1 2	4 4	13 35	0 1	6 11	0 4	8 29	2 16	8 3	1 38	20 5	1 24	18 47	0 6	8 52	1 31	29 55	8 0	16 4	15 52	18 29			n.a.
M29	19 52	3s16	4 42	12 58	0s 7	5 41	0s 0	8 41	2 15	8 5	1 38	20 6	1 24	18 47	0 6	8 51	1 31	29 55	8 1	16 3	15 53	18 28			n.a.
T 30	19 39	7 32	5 7	12 22	0 15	5 11	0 4	8 52	2 15	8 7	1 39	20 7	1 25	18 47	0 6	8 51	1 31	29 55	8 1	16 3	15 54	18 28			n.a.
W31	19n25	11s34	5n17	11n45	0s24	4n40	0s 9	9n 3	2s15	8s 9	1s39	20n 8	1s25	18s47	0n 6	8n50	1n31	29n55	8n 1	16n 3	15n55	18n27			n.a.

Julian Day Number = 1710281.5, Delta T = 03h01m05s
Ecliptic obliquity = 23°41'48, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°29'02, Lahiri = - 4°22'01 Julian Calendar 1 July 31 BCE == Greg. Calendar 29 June 031 BCE

The year -30 astronomical counting style corresponds to year 031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 31 BCE
geocentric

AUGUST 31 BCE (-30) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 27 24	5♌ 9'28	29♏ 5	29♌51	19♍ 5	29♈16	13°R13	5♊58	23°R37	11♍16	21♋13	16°R30	16♌55	3♌22	n.a.	T 1
F 2	20 31 20	6° 7'30	13♐13	1♍10	20°12	29°46	13♓ 9	6° 4	23♏37	11°18	21°15	16♌29	16°52	3°29	n.a.	F 2
S 3	20 35 17	7° 5'35	27°46	2°28	21°19	0♉15	13° 4	6° 9	23°37	11°19	21°16	16°28	16°49	3°35	n.a.	S 3
S 4	20 39 14	8° 3'41	12♑40	3°44	22°26	0°44	12°58	6°14	23°37	11°21	21°18	16°27	16°46	3°42	n.a.	S 4
M 5	20 43 10	9° 1'48	27°48	4°58	23°32	1°13	12°53	6°19	23°D37	11°23	21°20	16°26	16°43	3°49	n.a.	M 5
T 6	20 47 7	9°59'57	13♒ 1	6°10	24°38	1°42	12°48	6°24	23°37	11°25	21°22	16°D26	16°39	3°55	n.a.	T 6
W 7	20 51 3	10°58'08	28° 9	7°21	25°44	2°10	12°42	6°29	23°37	11°27	21°23	16°26	16°36	4° 2	n.a.	W 7
T 8	20 55 0	11°56'21	13♓ 4	8°29	26°50	2°38	12°36	6°33	23°37	11°29	21°25	16°26	16°33	4° 9	n.a.	T 8
F 9	20 58 56	12°54'36	27°38	9°35	27°56	3° 6	12°30	6°38	23°37	11°31	21°27	16°27	16°30	4°15	n.a.	F 9
S 10	21 2 53	13°52'53	11♈47	10°39	29° 1	3°33	12°24	6°43	23°38	11°33	21°29	16°27	16°27	4°22	n.a.	S 10
S 11	21 6 49	14°51'12	25°29	11°41	0♎ 6	3°59	12°18	6°47	23°38	11°35	21°30	16°27	16°23	4°29	n.a.	S 11
M12	21 10 46	15°49'33	8♉44	12°40	1°12	4°26	12°11	6°51	23°38	11°37	21°32	16°27	16°20	4°35	n.a.	M12
T 13	21 14 43	16°47'57	21°36	13°37	2°17	4°52	12° 5	6°56	23°38	11°39	21°34	16°27	16°17	4°42	n.a.	T 13
W14	21 18 39	17°46'23	4♊ 8	14°31	3°21	5°17	11°58	7° 0	23°39	11°42	21°36	16°27	16°14	4°49	n.a.	W14
T 15	21 22 36	18°44'51	16°23	15°22	4°26	5°42	11°52	7° 4	23°39	11°44	21°37	16°27	16°11	4°55	n.a.	T 15
F 16	21 26 32	19°43'22	28°25	16° 9	5°30	6° 7	11°45	7° 8	23°40	11°46	21°39	16°28	16° 8	5° 2	n.a.	F 16
S 17	21 30 29	20°41'54	10♋19	16°53	6°34	6°31	11°38	7°12	23°40	11°48	21°41	16°28	16° 4	5° 9	n.a.	S 17
S 18	21 34 25	21°40'29	22° 8	17°33	7°38	6°55	11°31	7°16	23°41	11°50	21°42	16°29	16° 1	5°15	n.a.	S 18
M19	21 38 22	22°39'06	3♌55	18° 9	8°42	7°18	11°23	7°20	23°42	11°52	21°44	16°29	15°58	5°22	n.a.	M19
T 20	21 42 18	23°37'45	15°43	18°41	9°45	7°41	11°16	7°24	23°42	11°54	21°46	16°R29	15°55	5°28	n.a.	T 20
W21	21 46 15	24°36'26	27°34	19° 9	10°49	8° 3	11° 9	7°27	23°43	11°56	21°47	16°29	15°52	5°35	n.a.	W21
T 22	21 50 11	25°35'09	9♍31	19°31	11°52	8°25	11° 1	7°31	23°44	11°59	21°49	16°28	15°49	5°42	n.a.	T 22
F 23	21 54 8	26°33'54	21°35	19°48	12°54	8°46	10°54	7°34	23°45	12° 1	21°50	16°27	15°45	5°48	n.a.	F 23
S 24	21 58 5	27°32'41	3♎49	19°59	13°57	9° 7	10°46	7°37	23°46	12° 3	21°52	16°26	15°42	5°55	n.a.	S 24
S 25	22 2 1	28°31'30	16°14	20°R 3	14°59	9°27	10°38	7°41	23°47	12° 5	21°54	16°24	15°39	6° 2	n.a.	S 25
M26	22 5 58	29°30'20	28°52	20° 2	16° 1	9°47	10°31	7°44	23°48	12° 7	21°55	16°22	15°36	6° 8	n.a.	M26
T 27	22 9 54	0♍29'13	11♏48	19°53	17° 3	10° 6	10°23	7°47	23°49	12° 9	21°57	16°21	15°33	6°15	n.a.	T 27
W28	22 13 51	1°28'08	25° 1	19°38	18° 4	10°24	10°15	7°50	23°50	12°12	21°58	16°20	15°29	6°22	n.a.	W28
T 29	22 17 47	2°27'04	8♐35	19°15	19° 5	10°42	10° 7	7°52	23°51	12°14	22° 0	16°D20	15°26	6°28	n.a.	T 29
F 30	22 21 44	3°26'02	22°30	18°44	20° 5	11° 0	9°59	7°55	23°52	12°16	22° 1	16°21	15°23	6°35	n.a.	F 30
S 31	22 25 40	4♍25'02	6♑47	18♍ 6	21♎ 6	11♉17	9♓51	7♊58	23♏54	12♍18	22♋ 3	16♌22	15♌20	6♌42	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	19n11	15s 8	5n10	11n 8	0s33	4n10	0s13	9n14	2s15	8s11	1s39	20n 9	1s25	18s47	0n 6	8n49	1n31	29n55	8n 1	16n 4	15n56	18n26			n.a.
F 2	18 57	17 56	4 44	10 32	0 42	3 39	0 18	9 25	2 14	8 13	1 39	20 10	1 25	18 47	0 6	8 49	1 31	29 55	8 1	16 4	15 57	18 25			n.a.
S 3	18 42	19 42	3 59	9 55	0 50	3 8	0 22	9 35	2 14	8 15	1 40	20 10	1 25	18 47	0 6	8 48	1 31	29 54	8 1	16 4	15 58	18 25			n.a.
S 4	18 27	20 9	2 57	9 19	0 59	2 37	0 27	9 46	2 14	8 18	1 40	20 11	1 25	18 47	0 6	8 47	1 31	29 54	8 1	16 5	15 59	18 24			n.a.
M 5	18 12	19 10	1 42	8 44	1 9	2 7	0 32	9 56	2 13	8 20	1 40	20 12	1 25	18 47	0 6	8 46	1 31	29 54	8 1	16 5	16 0	18 23			n.a.
T 6	17 56	16 47	0 19	8 9	1 18	1 36	0 37	10 7	2 13	8 22	1 40	20 13	1 25	18 47	0 6	8 45	1 31	29 54	8 2	16 5	16 1	18 23			n.a.
W 7	17 40	13 15	1s 5	7 34	1 27	1 5	0 41	10 17	2 13	8 25	1 41	20 14	1 25	18 47	0 6	8 45	1 31	29 54	8 2	16 5	16 2	18 22			n.a.
T 8	17 24	8 55	2 23	7 0	1 36	0 34	0 46	10 27	2 12	8 27	1 41	20 14	1 25	18 47	0 6	8 44	1 31	29 54	8 2	16 5	16 3	18 21			n.a.
F 9	17 7	4 9	3 30	6 26	1 45	0 3	0 51	10 37	2 12	8 30	1 41	20 15	1 25	18 47	0 6	8 43	1 31	29 53	8 2	16 5	16 4	18 20			n.a.
S 10	16 50	0n42	4 22	5 53	1 54	0s28	0 56	10 46	2 12	8 32	1 41	20 16	1 25	18 47	0 6	8 42	1 31	29 53	8 2	16 5	16 5	18 20			n.a.
S 11	16 33	5 21	4 57	5 21	2 3	0 59	1 1	10 56	2 11	8 35	1 42	20 17	1 25	18 47	0 6	8 42	1 31	29 53	8 2	16 5	16 6	18 19			n.a.
M12	16 16	9 35	5 15	4 50	2 13	1 29	1 6	11 5	2 11	8 37	1 42	20 17	1 25	18 47	0 6	8 41	1 31	29 53	8 2	16 4	16 7	18 18			n.a.
T 13	15 58	13 16	5 17	4 20	2 21	2 0	1 11	11 14	2 10	8 40	1 42	20 18	1 25	18 47	0 6	8 40	1 31	29 53	8 3	16 4	16 8	18 17			n.a.
W14	15 40	16 14	5 3	3 51	2 30	2 31	1 16	11 23	2 10	8 43	1 42	20 19	1 25	18 48	0 6	8 39	1 31	29 53	8 3	16 4	16 8	18 17			n.a.
T 15	15 22	18 25	4 36	3 23	2 39	3 2	1 22	11 32	2 9	8 46	1 42	20 19	1 25	18 48	0 6	8 38	1 31	29 53	8 3	16 4	16 9	18 16			n.a.
F 16	15 4	19 44	3 57	2 57	2 47	3 32	1 27	11 41	2 9	8 48	1 42	20 20	1 25	18 48	0 6	8 37	1 31	29 53	8 3	16 4	16 10	18 15			n.a.
S 17	14 45	20 10	3 8	2 32	2 56	4 3	1 32	11 49	2 8	8 51	1 43	20 20	1 26	18 48	0 6	8 37	1 31	29 52	8 3	16 4	16 11	18 14			n.a.
S 18	14 26	19 42	2 11	2 9	3 4	4 33	1 37	11 57	2 8	8 54	1 43	20 21	1 26	18 48	0 6	8 36	1 31	29 52	8 4	16 4	16 12	18 13			n.a.
M19	14 7	18 22	1 9	1 48	3 11	5 3	1 43	12 6	2 7	8 57	1 43	20 22	1 26	18 48	0 6	8 35	1 31	29 52	8 4	16 4	16 13	18 13			n.a.
T 20	13 47	16 14	0 4	1 29	3 19	5 34	1 48	12 14	2 7	9 0	1 43	20 22	1 26	18 49	0 6	8 34	1 31	29 52	8 4	16 4	16 14	18 12			n.a.
W21	13 28	13 24	1n 1	1 12	3 25	6 4	1 54	12 21	2 6	9 3	1 43	20 23	1 26	18 49	0 6	8 33	1 31	29 52	8 4	16 4	16 15	18 11			n.a.
T 22	13 8	10 0	2 4	0 57	3 32	6 34	1 59	12 29	2 5	9 6	1 43	20 23	1 26	18 49	0 6	8 32	1 31	29 52	8 4	16 4	16 16	18 10			n.a.
F 23	12 48	6 10	3 3	0 46	3 37	7 3	2 4	12 37	2 5	9 9	1 44	20 24	1 26	18 49	0 6	8 32	1 31	29 52	8 4	16 4	16 17	18 10			n.a.
S 24	12 27	2 2	3 54	0 37	3 42	7 33	2 10	12 44	2 4	9 12	1 44	20 24	1 26	18 49	0 6	8 31	1 31	29 52	8 5	16 5	16 18	18 9			n.a.
S 25	12 7	2s14	4 34	0 31	3 46	8 2	2 15	12 51	2 3	9 15	1 44	20 25	1 26	18 50	0 6	8 30	1 31	29 52	8 5	16 5	16 19	18 8			n.a.
M26	11 46	6 29	5 2	0 29	3 49	8 32	2 21	12 58	2 2	9 18	1 44	20 25	1 26	18 50	0 6	8 29	1 31	29 52	8 5	16 6	16 20	18 7			n.a.
T 27	11 25	10 32	5 16	0 31	3 51	9 1	2 26	13 5	2 2	9 21	1 44	20 25	1 26	18 50	0 6	8 28	1 31	29 52	8 5	16 6	16 21	18 6			n.a.
W28	11 4	14 10	5 13	0 36	3 52	9 29	2 32	13 11	2 1	9 24	1 44	20 26	1 26	18 51	0 6	8 27	1 31	29 52	8 6	16 6	16 22	18 5			n.a.
T 29	10 43	17 9	4 53	0 46	3 51	9 58	2 37	13 18	2 0	9 28	1 44	20 26	1 26	18 51	0 6	8 27	1 31	29 52	8 6	16 7	16 23	18 5			n.a.
F 30	10 21	19 13	4 16	1 0	3 49	10 26	2 43	13 24	1 59	9 31	1 44	20 27	1 26	18 51	0 6	8 26	1 31	29 52	8 6	16 6	16 24	18 4			n.a.
S 31	10n 0	20s 9	3n22	1n18	3s45	10s54	2s48	13n30	1s58	9s34	1s44	20n27	1s27	18s52	0n 6	8n25	1n31	29n52	8n 6	16n 6	16n25	18n 3			n.a.

Julian Day Number = 1710312.5, Delta T = 03h01m04s
Ecliptic obliquity = 23°41'48, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°28'57, Lahiri = - 4°21'57 Julian Calendar 1 Aug. 31 BCE == Greg. Calendar 30 July 031 BCE

The year -30 astronomical counting style corresponds to year 031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 31 BCE
geocentric

SEPTEMBER 31 BCE (-30) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 29 37	5♍24'04	21♉23	17°R21	22♎ 6	11♉33	9°R43	8♊ 0	23♏55	12♍20	22♋ 4	16♌24	15♌17	6♌48	n.a.	S 1
M 2	22 33 34	6°23'08	6♒15	16♍29	23° 5	11°48	9♓35	8° 3	23°56	12°23	22° 5	16°25	15°14	6°55	n.a.	M 2
T 3	22 37 30	7°22'14	21°15	15°31	24° 5	12° 3	9°27	8° 5	23°58	12°25	22° 7	16°R25	15°10	7° 2	n.a.	T 3
W 4	22 41 27	8°21'22	6♓17	14°28	25° 3	12°18	9°19	8° 7	23°59	12°27	22° 8	16°24	15° 7	7° 8	n.a.	W 4
T 5	22 45 23	9°20'31	21°11	13°21	26° 2	12°31	9°11	8° 9	24° 1	12°29	22°10	16°22	15° 4	7°15	n.a.	T 5
F 6	22 49 20	10°19'43	5♈49	12°12	27° 0	12°44	9° 3	8°11	24° 2	12°32	22°11	16°19	15° 1	7°21	n.a.	F 6
S 7	22 53 16	11°18'57	20° 5	11° 2	27°57	12°57	8°55	8°13	24° 4	12°34	22°12	16°15	14°58	7°28	n.a.	S 7
S 8	22 57 13	12°18'14	3♉54	9°53	28°54	13° 8	8°47	8°15	24° 6	12°36	22°14	16°12	14°54	7°35	n.a.	S 8
M 9	23 1 9	13°17'33	17°17	8°48	29°51	13°19	8°39	8°16	24° 7	12°38	22°15	16° 8	14°51	7°41	n.a.	M 9
T 10	23 5 6	14°16'54	0♊14	7°47	0♏47	13°30	8°31	8°18	24° 9	12°41	22°16	16° 6	14°48	7°48	n.a.	T 10
W11	23 9 2	15°16'18	12°47	6°54	1°43	13°39	8°23	8°19	24°11	12°43	22°17	16°D 5	14°45	7°55	n.a.	W11
T 12	23 12 59	16°15'45	25° 2	6° 8	2°38	13°48	8°15	8°21	24°13	12°45	22°19	16° 6	14°42	8° 1	n.a.	T 12
F 13	23 16 56	17°15'13	7♋ 3	5°32	3°33	13°56	8° 7	8°22	24°15	12°47	22°20	16° 7	14°39	8° 8	n.a.	F 13
S 14	23 20 52	18°14'44	18°54	5° 7	4°27	14° 3	7°59	8°23	24°17	12°50	22°21	16° 9	14°35	8°15	n.a.	S 14
S 15	23 24 49	19°14'18	0♌41	4°52	5°20	14° 9	7°51	8°24	24°19	12°52	22°22	16°11	14°32	8°21	n.a.	S 15
M16	23 28 45	20°13'54	12°28	4°D48	6°13	14°15	7°44	8°25	24°21	12°54	22°23	16°R12	14°29	8°28	n.a.	M16
T 17	23 32 42	21°13'32	24°19	4°55	7° 6	14°20	7°36	8°26	24°23	12°56	22°24	16°11	14°26	8°35	n.a.	T 17
W18	23 36 38	22°13'12	6♍17	5°13	7°57	14°24	7°28	8°26	24°25	12°58	22°25	16° 9	14°23	8°41	n.a.	W18
T 19	23 40 35	23°12'54	18°24	5°41	8°48	14°27	7°21	8°27	24°27	13° 1	22°27	16° 5	14°20	8°48	n.a.	T 19
F 20	23 44 31	24°12'38	0♎43	6°18	9°39	14°29	7°14	8°27	24°29	13° 3	22°28	16° 0	14°16	8°54	n.a.	F 20
S 21	23 48 28	25°12'25	13°13	7° 4	10°28	14°30	7° 6	8°28	24°31	13° 5	22°29	15°53	14°13	9° 1	n.a.	S 21
S 22	23 52 25	26°12'13	25°55	7°58	11°17	14°R31	6°59	8°28	24°34	13° 7	22°30	15°46	14°10	9° 8	n.a.	S 22
M23	23 56 21	27°12'04	8♏50	8°59	12° 5	14°30	6°52	8°R28	24°36	13° 9	22°31	15°39	14° 7	9°14	n.a.	M23
T 24	0 0 18	28°11'56	21°58	10° 6	12°52	14°29	6°45	8°28	24°38	13°12	22°32	15°33	14° 4	9°21	n.a.	T 24
W25	0 4 14	29°11'50	5♐19	11°19	13°39	14°27	6°38	8°28	24°41	13°14	22°32	15°28	14° 0	9°28	n.a.	W25
T 26	0 8 11	0♎11'46	18°54	12°37	14°24	14°24	6°31	8°27	24°43	13°16	22°33	15°26	13°57	9°34	n.a.	T 26
F 27	0 12 7	1°11'44	2♉42	13°58	15° 9	14°20	6°25	8°27	24°46	13°18	22°34	15°D25	13°54	9°41	n.a.	F 27
S 28	0 16 4	2°11'43	16°45	15°23	15°52	14°16	6°18	8°27	24°48	13°20	22°35	15°26	13°51	9°48	n.a.	S 28
S 29	0 20 0	3°11'44	1♒ 1	16°51	16°35	14°10	6°12	8°26	24°51	13°22	22°36	15°27	13°48	9°54	n.a.	S 29
M30	0 23 57	4♎11'47	15♒30	18♍21	17♏17	14♉ 3	6♓ 6	8♊25	24♏54	13♍25	22♋37	15°R28	13♌45	10♌ 1	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n38	19s46	2n14	1n41	3s40	11s22	2s54	13n36	1s57	9s37	1s44	20n27	1s27	18s52	0n 6	8n24	1n31	29n52	8n 6	16n 6	16n26	18n 2		n.a.
M 2	9 16	18 1	0 56	2 8	3 32	11 50	2 59	13 42	1 56	9 40	1 44	20 28	1 27	18 52	0 6	8 23	1 31	29 51	8 7	16 5	16 27	18 1		n.a.
T 3	8 54	14 59	0s27	2 39	3 23	12 17	3 4	13 47	1 55	9 43	1 44	20 28	1 27	18 53	0 6	8 22	1 31	29 51	8 7	16 5	16 28	18 0		n.a.
W 4	8 31	10 58	1 48	3 14	3 11	12 44	3 10	13 53	1 54	9 46	1 45	20 28	1 27	18 53	0 6	8 21	1 31	29 51	8 7	16 6	16 28	18 0		n.a.
T 5	8 9	6 17	3 0	3 53	2 58	13 11	3 15	13 58	1 53	9 49	1 45	20 28	1 27	18 53	0 5	8 21	1 31	29 51	8 7	16 6	16 29	17 59		n.a.
F 6	7 47	1 20	4 0	4 33	2 43	13 37	3 21	14 3	1 52	9 52	1 45	20 29	1 27	18 54	0 5	8 20	1 31	29 51	8 8	16 7	16 30	17 58		n.a.
S 7	7 24	3n34	4 42	5 16	2 26	14 3	3 26	14 8	1 51	9 56	1 45	20 29	1 27	18 54	0 5	8 19	1 31	29 51	8 8	16 8	16 31	17 57		n.a.
S 8	7 1	8 8	5 7	5 59	2 7	14 29	3 31	14 12	1 50	9 59	1 45	20 29	1 27	18 55	0 5	8 18	1 31	29 52	8 8	16 9	16 32	17 56		n.a.
M 9	6 38	12 9	5 14	6 41	1 48	14 55	3 37	14 17	1 49	10 2	1 45	20 29	1 27	18 55	0 5	8 17	1 31	29 52	8 8	16 10	16 33	17 55		n.a.
T 10	6 15	15 27	5 5	7 23	1 28	15 20	3 42	14 21	1 48	10 5	1 45	20 29	1 27	18 55	0 5	8 16	1 31	29 52	8 9	16 11	16 34	17 54		n.a.
W11	5 52	17 56	4 41	8 2	1 8	15 44	3 47	14 25	1 46	10 8	1 45	20 30	1 27	18 56	0 5	8 15	1 31	29 52	8 9	16 11	16 35	17 54		n.a.
T 12	5 29	19 31	4 5	8 37	0 47	16 9	3 52	14 29	1 45	10 11	1 44	20 30	1 27	18 56	0 5	8 14	1 31	29 52	8 9	16 11	16 36	17 53		n.a.
F 13	5 5	20 12	3 18	9 9	0 28	16 32	3 57	14 32	1 44	10 14	1 44	20 30	1 28	18 57	0 5	8 14	1 31	29 52	8 9	16 11	16 37	17 52		n.a.
S 14	4 42	19 58	2 24	9 37	0 8	16 56	4 2	14 36	1 42	10 17	1 44	20 30	1 28	18 57	0 5	8 13	1 31	29 52	8 10	16 10	16 38	17 51		n.a.
S 15	4 18	18 51	1 24	9 59	0n10	17 19	4 7	14 39	1 41	10 19	1 44	20 30	1 28	18 58	0 5	8 12	1 31	29 52	8 10	16 10	16 39	17 50		n.a.
M16	3 55	16 55	0 20	10 16	0 27	17 42	4 12	14 42	1 39	10 22	1 44	20 30	1 28	18 58	0 5	8 11	1 31	29 52	8 10	16 9	16 40	17 49		n.a.
T 17	3 31	14 15	0n44	10 28	0 43	18 4	4 17	14 45	1 38	10 25	1 44	20 30	1 28	18 59	0 5	8 10	1 31	29 52	8 10	16 9	16 41	17 48		n.a.
W18	3 7	10 58	1 48	10 35	0 57	18 26	4 22	14 48	1 36	10 28	1 44	20 30	1 28	18 59	0 5	8 9	1 31	29 52	8 11	16 10	16 42	17 47		n.a.
T 19	2 43	7 11	2 47	10 36	1 10	18 47	4 26	14 50	1 35	10 31	1 44	20 30	1 28	19 0	0 5	8 9	1 31	29 52	8 11	16 11	16 43	17 46		n.a.
F 20	2 19	3 3	3 39	10 33	1 21	19 8	4 31	14 52	1 33	10 33	1 44	20 30	1 28	19 1	0 5	8 8	1 31	29 52	8 11	16 13	16 43	17 46		n.a.
S 21	1 55	1s16	4 21	10 25	1 31	19 28	4 35	14 54	1 32	10 36	1 44	20 30	1 28	19 1	0 5	8 7	1 31	29 52	8 11	16 15	16 44	17 45		n.a.
S 22	1 31	5 36	4 51	10 12	1 40	19 48	4 40	14 56	1 30	10 39	1 44	20 30	1 28	19 2	0 5	8 6	1 31	29 52	8 12	16 17	16 45	17 44		n.a.
M23	1 7	9 45	5 7	9 56	1 47	20 7	4 44	14 58	1 28	10 41	1 44	20 30	1 28	19 2	0 5	8 5	1 31	29 52	8 12	16 19	16 46	17 43		n.a.
T 24	0 43	13 30	5 8	9 35	1 52	20 26	4 48	14 59	1 26	10 44	1 43	20 30	1 28	19 3	0 5	8 4	1 31	29 53	8 12	16 21	16 47	17 42		n.a.
W25	0 19	16 39	4 51	9 12	1 57	20 44	4 52	15 0	1 25	10 46	1 43	20 30	1 28	19 4	0 5	8 4	1 31	29 53	8 13	16 22	16 48	17 41		n.a.
T 26	0s 5	18 56	4 19	8 45	2 0	21 2	4 56	15 1	1 23	10 49	1 43	20 30	1 29	19 4	0 5	8 3	1 31	29 53	8 13	16 23	16 49	17 40		n.a.
F 27	0 29	20 10	3 30	8 15	2 2	21 19	5 0	15 2	1 21	10 51	1 43	20 30	1 29	19 5	0 5	8 2	1 31	29 53	8 13	16 23	16 50	17 39		n.a.
S 28	0 53	20 10	2 29	7 43	2 4	21 36	5 3	15 2	1 19	10 53	1 43	20 29	1 29	19 5	0 5	8 1	1 31	29 53	8 13	16 23	16 51	17 38		n.a.
S 29	1 17	18 53	1 17	7 9	2 4	21 52	5 7	15 3	1 17	10 55	1 43	20 29	1 29	19 6	0 5	8 0	1 31	29 53	8 14	16 23	16 52	17 37		n.a.
M30	1s41	16s22	0s 0	6n33	2n 4	22s 7	5s10	15n 3	1s15	10s58	1s43	20n29	1s29	19s 7	0n 5	7n59	1n31	29n53	8n14	16n22	16n53	17n36		n.a.

Julian Day Number = 1710343.5, Delta T = 03h01m03s
Ecliptic obliquity = 23°41'49, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°28'53, Lahiri = - 4°21'53 Julian Calendar 1 Sept. 31 BCE == Greg. Calendar 30 Aug. 031 BCE

The year -30 astronomical counting style corresponds to year 031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 31 BCE
geocentric

OCTOBER 31 BCE (-30) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 27 53	5♎11'51	0♓ 6	19♍53	17♏57	13°R56	5°R59	8°R25	24♏56	13♍27	22♋37	15°R27	13♌41	10♌ 8	n.a.	T 1
W 2	0 31 50	6°11'57	14°46	21°27	18°36	13♉48	5♓53	8♊24	24°59	13°29	22°38	15♌24	13°38	10°14	n.a.	W 2
T 3	0 35 47	7°12'05	29°23	23° 2	19°14	13°39	5°48	8°23	25° 2	13°31	22°39	15°18	13°35	10°21	n.a.	T 3
F 4	0 39 43	8°12'15	13♈51	24°37	19°51	13°29	5°42	8°21	25° 4	13°33	22°40	15°10	13°32	10°28	n.a.	F 4
S 5	0 43 40	9°12'26	28° 1	26°14	20°27	13°18	5°37	8°20	25° 7	13°35	22°40	15° 1	13°29	10°34	n.a.	S 5
S 6	0 47 36	10°12'40	11♉50	27°51	21° 1	13° 6	5°31	8°19	25°10	13°37	22°41	14°52	13°26	10°41	n.a.	S 6
M 7	0 51 33	11°12'56	25°15	29°29	21°34	12°54	5°26	8°17	25°13	13°39	22°41	14°43	13°22	10°47	n.a.	M 7
T 8	0 55 29	12°13'13	8♊15	1♎ 7	22° 5	12°40	5°21	8°16	25°16	13°41	22°42	14°36	13°19	10°54	n.a.	T 8
W 9	0 59 26	13°13'33	20°51	2°45	22°35	12°26	5°16	8°14	25°19	13°43	22°43	14°31	13°16	11° 1	n.a.	W 9
T 10	1 3 22	14°13'55	3♋ 8	4°23	23° 3	12°11	5°12	8°12	25°21	13°45	22°43	14°29	13°13	11° 7	n.a.	T 10
F 11	1 7 19	15°14'19	15° 9	6° 1	23°30	11°56	5° 7	8°10	25°24	13°47	22°44	14°D28	13°10	11°14	n.a.	F 11
S 12	1 11 16	16°14'45	27° 1	7°39	23°55	11°39	5° 3	8° 8	25°27	13°49	22°44	14°28	13° 6	11°21	n.a.	S 12
S 13	1 15 12	17°15'13	8♌48	9°17	24°18	11°22	4°59	8° 6	25°30	13°51	22°44	14°R29	13° 3	11°27	n.a.	S 13
M14	1 19 9	18°15'43	20°37	10°55	24°40	11° 4	4°55	8° 4	25°34	13°53	22°45	14°29	13° 0	11°34	n.a.	M14
T 15	1 23 5	19°16'15	2♍31	12°32	24°59	10°46	4°51	8° 2	25°37	13°55	22°45	14°27	12°57	11°41	n.a.	T 15
W16	1 27 2	20°16'48	14°35	14° 9	25°17	10°27	4°48	7°59	25°40	13°57	22°46	14°23	12°54	11°47	n.a.	W16
T 17	1 30 58	21°17'24	26°52	15°46	25°33	10° 7	4°44	7°57	25°43	13°59	22°46	14°16	12°51	11°54	n.a.	T 17
F 18	1 34 55	22°18'01	9♎25	17°23	25°46	9°47	4°41	7°54	25°46	14° 1	22°46	14° 6	12°47	12° 1	n.a.	F 18
S 19	1 38 51	23°18'40	22°14	19° 0	25°58	9°26	4°38	7°51	25°49	14° 2	22°46	13°55	12°44	12° 7	n.a.	S 19
S 20	1 42 48	24°19'20	5♏19	20°36	26° 7	9° 5	4°35	7°48	25°53	14° 4	22°47	13°42	12°41	12°14	n.a.	S 20
M21	1 46 45	25°20'02	18°38	22°12	26°14	8°43	4°33	7°45	25°56	14° 6	22°47	13°30	12°38	12°20	n.a.	M21
T 22	1 50 41	26°20'45	2♐ 8	23°48	26°19	8°21	4°30	7°42	25°59	14° 8	22°47	13°19	12°35	12°27	n.a.	T 22
W23	1 54 38	27°21'30	15°49	25°23	26°22	7°59	4°28	7°39	26° 2	14°10	22°47	13°10	12°31	12°34	n.a.	W23
T 24	1 58 34	28°22'16	29°37	26°59	26°R22	7°36	4°26	7°36	26° 6	14°11	22°47	13° 5	12°28	12°40	n.a.	T 24
F 25	2 2 31	29°23'03	13♑31	28°34	26°19	7°14	4°25	7°33	26° 9	14°13	22°47	13° 2	12°25	12°47	n.a.	F 25
S 26	2 6 27	0♏23'51	27°31	0♏ 9	26°15	6°51	4°23	7°30	26°12	14°15	22°47	13°D 1	12°22	12°54	n.a.	S 26
S 27	2 10 24	1°24'41	11♒36	1°44	26° 7	6°28	4°22	7°26	26°16	14°16	22°R47	13°R 1	12°19	13° 0	n.a.	S 27
M28	2 14 20	2°25'31	25°45	3°18	25°57	6° 5	4°21	7°22	26°19	14°18	22°47	13° 1	12°16	13° 7	n.a.	M28
T 29	2 18 17	3°26'22	9♓57	4°53	25°45	5°42	4°20	7°19	26°23	14°20	22°47	12°59	12°12	13°14	n.a.	T 29
W30	2 22 14	4°27'14	24°10	6°27	25°30	5°19	4°19	7°15	26°26	14°21	22°47	12°54	12° 9	13°20	n.a.	W30
T 31	2 26 10	5♏28'07	8♈21	8♏ 1	25♏13	4♉56	4♓18	7♊11	26♏29	14♍23	22♋47	12♌46	12♌ 6	13♌27	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s 5	12s46	1s18	5n55	2n 3	22s22	5s13	15n 2	1s12	11s 0	1s42	20n29	1s29	19s 7	0n 5	7n59	1n31	29n54	8n14	16n23	16n54	17n35		n.a.
W 2	2 29	8 23	2 31	5 16	2 1	22 36	5 16	15 2	1 10	11 2	1 42	20 29	1 29	19 8	0 5	7 58	1 31	29 54	8 15	16 24	16 55	17 34		n.a.
T 3	2 53	3 31	3 34	4 36	1 58	22 50	5 19	15 1	1 8	11 4	1 42	20 28	1 29	19 9	0 5	7 57	1 31	29 54	8 15	16 25	16 56	17 33		n.a.
F 4	3 17	1n30	4 22	3 55	1 55	23 3	5 22	15 1	1 6	11 6	1 42	20 28	1 29	19 9	0 5	7 56	1 31	29 54	8 15	16 28	16 56	17 32		n.a.
S 5	3 41	6 20	4 53	3 13	1 52	23 15	5 24	14 59	1 4	11 8	1 42	20 28	1 29	19 10	0 5	7 56	1 31	29 54	8 16	16 30	16 57	17 31		n.a.
S 6	4 5	10 42	5 5	2 31	1 48	23 26	5 26	14 58	1 1	11 9	1 41	20 28	1 29	19 11	0 5	7 55	1 31	29 54	8 16	16 33	16 58	17 30		n.a.
M 7	4 29	14 25	5 1	1 47	1 44	23 37	5 28	14 57	0 59	11 11	1 41	20 27	1 29	19 11	0 5	7 54	1 31	29 55	8 16	16 36	16 59	17 29		n.a.
T 8	4 53	17 18	4 41	1 4	1 39	23 47	5 30	14 55	0 56	11 13	1 41	20 27	1 29	19 12	0 5	7 53	1 31	29 55	8 16	16 38	17 0	17 29		n.a.
W 9	5 17	19 16	4 7	0 20	1 34	23 56	5 31	14 53	0 54	11 14	1 41	20 27	1 29	19 13	0 5	7 52	1 32	29 55	8 17	16 39	17 1	17 28		n.a.
T 10	5 40	20 17	3 23	0s24	1 29	24 5	5 32	14 51	0 51	11 16	1 41	20 26	1 29	19 14	0 5	7 52	1 32	29 55	8 17	16 40	17 2	17 27		n.a.
F 11	6 4	20 20	2 30	1 9	1 23	24 13	5 33	14 48	0 49	11 17	1 40	20 26	1 29	19 14	0 5	7 51	1 32	29 55	8 17	16 40	17 3	17 26		n.a.
S 12	6 27	19 28	1 32	1 53	1 18	24 20	5 33	14 46	0 46	11 19	1 40	20 26	1 29	19 15	0 5	7 50	1 32	29 56	8 18	16 40	17 4	17 25		n.a.
S 13	6 51	17 46	0 30	2 37	1 12	24 26	5 34	14 43	0 43	11 20	1 40	20 25	1 30	19 16	0 5	7 50	1 32	29 56	8 18	16 40	17 5	17 24		n.a.
M14	7 14	15 18	0n33	3 21	1 6	24 31	5 33	14 40	0 41	11 21	1 40	20 25	1 30	19 17	0 5	7 49	1 32	29 56	8 18	16 40	17 6	17 23		n.a.
T 15	7 37	12 10	1 35	4 6	1 0	24 36	5 33	14 37	0 38	11 22	1 39	20 24	1 30	19 17	0 5	7 48	1 32	29 56	8 19	16 40	17 6	17 22		n.a.
W16	8 0	8 29	2 33	4 49	0 53	24 39	5 32	14 33	0 35	11 24	1 39	20 24	1 30	19 18	0 5	7 47	1 32	29 57	8 19	16 42	17 7	17 21		n.a.
T 17	8 23	4 24	3 26	5 33	0 47	24 42	5 31	14 30	0 32	11 25	1 39	20 24	1 30	19 19	0 5	7 47	1 32	29 57	8 19	16 44	17 8	17 19		n.a.
F 18	8 46	0 2	4 9	6 17	0 40	24 44	5 29	14 26	0 30	11 25	1 39	20 23	1 30	19 20	0 5	7 46	1 32	29 57	8 20	16 46	17 9	17 18		n.a.
S 19	9 9	4s25	4 41	7 0	0 34	24 44	5 27	14 22	0 27	11 26	1 38	20 23	1 30	19 20	0 5	7 45	1 32	29 57	8 20	16 50	17 10	17 17		n.a.
S 20	9 32	8 45	4 59	7 43	0 27	24 44	5 24	14 18	0 24	11 27	1 38	20 22	1 30	19 21	0 5	7 45	1 32	29 58	8 20	16 53	17 11	17 16		n.a.
M21	9 54	12 44	5 1	8 25	0 21	24 43	5 21	14 14	0 21	11 28	1 38	20 22	1 30	19 22	0 5	7 44	1 32	29 58	8 21	16 57	17 12	17 15		n.a.
T 22	10 16	16 9	4 46	9 7	0 14	24 41	5 18	14 9	0 18	11 28	1 38	20 21	1 30	19 23	0 5	7 43	1 32	29 58	8 21	17 0	17 13	17 14		n.a.
W23	10 39	18 43	4 15	9 48	0 7	24 37	5 13	14 5	0 15	11 29	1 37	20 21	1 30	19 24	0 5	7 43	1 32	29 58	8 21	17 3	17 14	17 13		n.a.
T 24	11 1	20 13	3 29	10 30	0 1	24 33	5 9	14 0	0 12	11 29	1 37	20 20	1 30	19 24	0 5	7 42	1 32	29 59	8 21	17 4	17 15	17 12		n.a.
F 25	11 22	20 31	2 30	11 10	0s 6	24 27	5 4	13 55	0 10	11 30	1 37	20 20	1 30	19 25	0 5	7 41	1 32	29 59	8 22	17 5	17 16	17 11		n.a.
S 26	11 44	19 33	1 21	11 50	0 12	24 20	4 58	13 50	0 7	11 30	1 37	20 19	1 30	19 26	0 5	7 41	1 32	29 59	8 22	17 5	17 16	17 10		n.a.
S 27	12 5	17 22	0 8	12 30	0 19	24 13	4 52	13 46	0 4	11 30	1 36	20 18	1 30	19 27	0 5	7 40	1 32	30 0	8 22	17 5	17 17	17 9		n.a.
M28	12 27	14 7	1s 7	13 9	0 25	24 3	4 45	13 41	0 1	11 31	1 36	20 18	1 30	19 28	0 5	7 40	1 32	30 0	8 23	17 5	17 18	17 8		n.a.
T 29	12 48	10 2	2 17	13 47	0 32	23 53	4 37	13 36	0n 2	11 31	1 36	20 17	1 30	19 28	0 5	7 39	1 32	30 0	8 23	17 6	17 19	17 7		n.a.
W30	13 9	5 23	3 19	14 25	0 38	23 42	4 29	13 31	0 5	11 31	1 35	20 17	1 30	19 29	0 5	7 38	1 32	30 1	8 23	17 7	17 20	17 6		n.a.
T 31	13s29	0s27	4s 9	15s 2	0s44	23s29	4s20	13n25	0n 8	11s31	1s35	20n16	1s30	19s30	0n 5	7n38	1n32	30n 1	8n24	17n10	17n21	17n 5		n.a.

Julian Day Number = 1710373.5, Delta T = 03h01m02s
Ecliptic obliquity = 23°41'49, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°28'49, Lahiri = - 4°21'48 Julian Calendar 1 Oct. 31 BCE == Greg. Calendar 29 Sept. 031 BCE

The year -30 astronomical counting style corresponds to year 031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 31 BCE
geocentric

NOVEMBER 31 BCE (-30) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 30 7	6♏29'01	22♈24	9♏35	24°R54	4°R33	4°R18	7°R 8	26♏33	14♍24	22°R47	12°R35	12♌ 3	13♌34	n.a.	F 1
S 2	2 34 3	7°29'56	6♉16	11° 9	24♏32	4♉10	4°D18	7♊ 4	26°36	14°26	22♋47	12♌23	12° 0	13°40	n.a.	S 2
S 3	2 38 0	8°30'53	19°51	12°43	24° 8	3°48	4♓18	7° 0	26°40	14°27	22°47	12° 9	11°57	13°47	n.a.	S 3
M 4	2 41 56	9°31'51	3♊ 7	14°17	23°42	3°26	4°19	6°55	26°43	14°29	22°47	11°57	11°53	13°53	n.a.	M 4
T 5	2 45 53	10°32'49	16° 3	15°51	23°14	3° 4	4°19	6°51	26°47	14°30	22°46	11°46	11°50	14° 0	n.a.	T 5
W 6	2 49 49	11°33'50	28°38	17°25	22°44	2°43	4°20	6°47	26°51	14°32	22°46	11°38	11°47	14° 7	n.a.	W 6
T 7	2 53 46	12°34'51	10♋54	18°59	22°13	2°22	4°21	6°43	26°54	14°33	22°46	11°32	11°44	14°13	n.a.	T 7
F 8	2 57 43	13°35'53	22°57	20°33	21°40	2° 1	4°22	6°39	26°58	14°34	22°45	11°29	11°41	14°20	n.a.	F 8
S 9	3 1 39	14°36'57	4♌49	22° 6	21° 6	1°42	4°23	6°34	27° 1	14°36	22°45	11°28	11°37	14°27	n.a.	S 9
S 10	3 5 36	15°38'02	16°36	23°40	20°31	1°22	4°25	6°30	27° 5	14°37	22°45	11°28	11°34	14°33	n.a.	S 10
M11	3 9 32	16°39'08	28°25	25°14	19°55	1° 3	4°27	6°25	27° 8	14°38	22°44	11°28	11°31	14°40	n.a.	M11
T 12	3 13 29	17°40'15	10♍20	26°48	19°19	0°45	4°29	6°21	27°12	14°40	22°44	11°26	11°28	14°47	n.a.	T 12
W13	3 17 25	18°41'23	22°27	28°22	18°43	0°27	4°31	6°16	27°16	14°41	22°43	11°22	11°25	14°53	n.a.	W13
T 14	3 21 22	19°42'32	4♎50	29°56	18° 6	0°10	4°33	6°11	27°19	14°42	22°43	11°15	11°22	15° 0	n.a.	T 14
F 15	3 25 18	20°43'42	17°33	1♐29	17°30	29♈54	4°36	6° 7	27°23	14°43	22°42	11° 6	11°18	15° 7	n.a.	F 15
S 16	3 29 15	21°44'53	0♏36	3° 3	16°55	29°38	4°39	6° 2	27°27	14°44	22°42	10°54	11°15	15°13	n.a.	S 16
S 17	3 33 12	22°46'04	14° 0	4°37	16°20	29°23	4°42	5°57	27°30	14°45	22°41	10°41	11°12	15°20	n.a.	S 17
M18	3 37 8	23°47'16	27°43	6°11	15°46	29° 9	4°45	5°52	27°34	14°46	22°41	10°28	11° 9	15°27	n.a.	M18
T 19	3 41 5	24°48'29	11♐40	7°44	15°13	28°56	4°48	5°48	27°37	14°47	22°40	10°16	11° 6	15°33	n.a.	T 19
W20	3 45 1	25°49'42	25°48	9°17	14°42	28°43	4°52	5°43	27°41	14°49	22°39	10° 7	11° 3	15°40	n.a.	W20
T 21	3 48 58	26°50'56	10♑ 1	10°50	14°13	28°32	4°56	5°38	27°45	14°49	22°39	10° 1	10°59	15°46	n.a.	T 21
F 22	3 52 54	27°52'10	24°15	12°23	13°45	28°21	5° 0	5°33	27°48	14°50	22°38	9°58	10°56	15°53	n.a.	F 22
S 23	3 56 51	28°53'24	8♒27	13°55	13°19	28°11	5° 4	5°28	27°52	14°51	22°37	9°D57	10°53	16° 0	n.a.	S 23
S 24	4 0 47	29°54'38	22°35	15°26	12°55	28° 1	5° 8	5°23	27°56	14°52	22°37	9°58	10°50	16° 6	n.a.	S 24
M25	4 4 44	0♐55'52	6♓39	16°57	12°33	27°53	5°13	5°18	27°59	14°53	22°36	9°R58	10°47	16°13	n.a.	M25
T 26	4 8 41	1°57'06	20°37	18°27	12°14	27°45	5°17	5°13	28° 3	14°54	22°35	9°56	10°43	16°20	n.a.	T 26
W27	4 12 37	2°58'19	4♈28	19°56	11°57	27°39	5°22	5° 8	28° 7	14°55	22°34	9°52	10°40	16°26	n.a.	W27
T 28	4 16 34	3°59'33	18°13	21°23	11°42	27°33	5°27	5° 3	28°10	14°55	22°33	9°46	10°37	16°33	n.a.	T 28
F 29	4 20 30	5° 0'47	1♉49	22°49	11°30	27°27	5°33	4°58	28°14	14°56	22°33	9°37	10°34	16°40	n.a.	F 29
S 30	4 24 27	6♐ 2'01	15♉14	24♐13	11♏21	27♈23	5♓38	4♊53	28♏18	14♍57	22♋32	9♌26	10♌31	16♌46	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13s50	4n27	4s42	15s38	0s50	23s15	4s11	13n20	0n11	11s30	1s35	20n15	1s30	19s31	0n 5	7n37	1n32	30n 1	8n24	17n13	17n22	17n 4		n.a.
S 2	14 10	9 3	4 59	16 14	0 56	23 0	4 1	13 15	0 13	11 30	1 35	20 15	1 30	19 32	0 5	7 37	1 32	30 2	8 24	17 16	17 23	17 3		n.a.
S 3	14 30	13 7	4 58	16 49	1 2	22 43	3 50	13 10	0 16	11 30	1 34	20 14	1 30	19 33	0 5	7 36	1 33	30 2	8 25	17 20	17 24	17 2		n.a.
M 4	14 49	16 25	4 40	17 23	1 8	22 26	3 39	13 5	0 19	11 29	1 34	20 13	1 30	19 33	0 5	7 36	1 33	30 2	8 25	17 24	17 25	17 0		n.a.
T 5	15 9	18 50	4 9	17 56	1 14	22 7	3 27	13 0	0 22	11 29	1 34	20 13	1 30	19 34	0 5	7 35	1 33	30 3	8 25	17 27	17 25	16 59		n.a.
W 6	15 28	20 15	3 26	18 28	1 19	21 47	3 15	12 56	0 24	11 28	1 33	20 12	1 30	19 35	0 5	7 35	1 33	30 3	8 25	17 29	17 26	16 58		n.a.
T 7	15 47	20 41	2 34	19 0	1 24	21 26	3 2	12 51	0 27	11 28	1 33	20 11	1 30	19 36	0 5	7 34	1 33	30 3	8 26	17 30	17 27	16 57		n.a.
F 8	16 5	20 8	1 37	19 31	1 29	21 5	2 48	12 46	0 30	11 27	1 33	20 11	1 30	19 37	0 5	7 34	1 33	30 4	8 26	17 31	17 28	16 56		n.a.
S 9	16 24	18 42	0 35	20 0	1 34	20 42	2 34	12 42	0 32	11 26	1 33	20 10	1 30	19 38	0 5	7 33	1 33	30 4	8 26	17 32	17 29	16 55		n.a.
S 10	16 42	16 28	0n27	20 29	1 39	20 19	2 20	12 37	0 35	11 25	1 32	20 9	1 30	19 38	0 5	7 33	1 33	30 4	8 27	17 32	17 30	16 54		n.a.
M11	17 0	13 32	1 29	20 57	1 43	19 55	2 5	12 33	0 37	11 24	1 32	20 8	1 30	19 39	0 5	7 32	1 33	30 5	8 27	17 32	17 31	16 53		n.a.
T 12	17 17	10 2	2 27	21 24	1 48	19 31	1 50	12 29	0 40	11 23	1 32	20 8	1 30	19 40	0 5	7 32	1 33	30 5	8 27	17 32	17 32	16 52		n.a.
W13	17 34	6 4	3 19	21 49	1 52	19 6	1 35	12 25	0 42	11 22	1 31	20 7	1 30	19 41	0 5	7 31	1 33	30 5	8 28	17 33	17 33	16 51		n.a.
T 14	17 51	1 46	4 3	22 14	1 55	18 41	1 19	12 21	0 44	11 21	1 31	20 6	1 30	19 42	0 5	7 31	1 33	30 6	8 28	17 35	17 33	16 49		n.a.
F 15	18 8	2s42	4 36	22 37	1 59	18 15	1 4	12 17	0 47	11 20	1 31	20 5	1 30	19 43	0 5	7 31	1 33	30 6	8 28	17 38	17 34	16 48		n.a.
S 16	18 24	7 11	4 56	22 59	2 2	17 50	0 48	12 14	0 49	11 19	1 30	20 5	1 30	19 43	0 5	7 30	1 33	30 7	8 28	17 41	17 35	16 47		n.a.
S 17	18 40	11 26	5 0	23 20	2 5	17 25	0 33	12 10	0 51	11 17	1 30	20 4	1 30	19 44	0 5	7 30	1 33	30 7	8 29	17 45	17 36	16 46		n.a.
M18	18 55	15 12	4 48	23 39	2 7	17 0	0 17	12 7	0 53	11 16	1 30	20 3	1 29	19 45	0 5	7 29	1 33	30 7	8 29	17 48	17 37	16 45		n.a.
T 19	19 10	18 10	4 18	23 58	2 9	16 36	0 2	12 4	0 55	11 14	1 30	20 2	1 29	19 46	0 5	7 29	1 33	30 8	8 29	17 51	17 38	16 44		n.a.
W20	19 25	20 6	3 31	24 14	2 11	16 12	0n14	12 2	0 57	11 13	1 29	20 1	1 29	19 47	0 5	7 29	1 33	30 8	8 30	17 54	17 39	16 43		n.a.
T 21	19 40	20 48	2 32	24 29	2 12	15 49	0 29	11 59	0 59	11 11	1 29	20 1	1 29	19 48	0 5	7 28	1 34	30 9	8 30	17 55	17 40	16 41		n.a.
F 22	19 54	20 9	1 22	24 43	2 13	15 27	0 43	11 57	1 1	11 9	1 29	20 0	1 29	19 48	0 5	7 28	1 34	30 9	8 30	17 56	17 40	16 40		n.a.
S 23	20 8	18 13	0 8	24 55	2 13	15 5	0 57	11 55	1 3	11 8	1 28	19 59	1 29	19 49	0 5	7 28	1 34	30 9	8 30	17 57	17 41	16 39		n.a.
S 24	20 21	15 11	1s 7	25 6	2 13	14 45	1 11	11 54	1 5	11 6	1 28	19 58	1 29	19 50	0 5	7 28	1 34	30 10	8 31	17 57	17 42	16 38		n.a.
M25	20 34	11 17	2 17	25 15	2 12	14 25	1 25	11 52	1 7	11 4	1 28	19 57	1 29	19 51	0 5	7 27	1 34	30 10	8 31	17 57	17 43	16 37		n.a.
T 26	20 46	6 48	3 18	25 22	2 11	14 7	1 38	11 51	1 8	11 2	1 28	19 57	1 29	19 52	0 5	7 27	1 34	30 11	8 31	17 57	17 44	16 36		n.a.
W27	20 59	1 59	4 8	25 27	2 9	13 50	1 51	11 50	1 10	11 0	1 27	19 56	1 29	19 53	0 5	7 27	1 34	30 11	8 32	17 58	17 45	16 34		n.a.
T 28	21 10	2n52	4 42	25 31	2 6	13 34	2 3	11 49	1 12	10 57	1 27	19 55	1 29	19 54	0 5	7 26	1 34	30 11	8 32	18 0	17 46	16 33		n.a.
F 29	21 22	7 32	5 0	25 33	2 3	13 19	2 14	11 49	1 13	10 55	1 27	19 54	1 29	19 54	0 5	7 26	1 34	30 12	8 32	18 2	17 47	16 32		n.a.
S 30	21s33	11n46	5s 2	25s33	1s59	13s 6	2n25	11n49	1n15	10s53	1s26	19n53	1s29	19s55	0n 5	7n26	1n34	30n12	8n32	18n 5	17n47	16n31		n.a.

Julian Day Number = 1710404.5, Delta T = 03h01m01s
Ecliptic obliquity = 23°41'49, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°28'45, Lahiri = - 4°21'44 Julian Calendar 1 Nov. 31 BCE == Greg. Calendar 30 Oct. 031 BCE

The year -30 astronomical counting style corresponds to year 031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 31 BCE
geocentric

DECEMBER 31 BCE (-30) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 28 23	7♐ 3'14	28♉27	25♐35	11°R13	27°R20	5♓44	4°R48	28♏21	14♍57	22°R31	9°R14	10♌28	16♌53	n.a.	S 1
M 2	4 32 20	8° 4'28	11♊25	26°54	11♏ 9	27♈17	5°50	4♊43	28°25	14°58	22♋30	9♌ 3	10°24	17° 0	n.a.	M 2
T 3	4 36 16	9° 5'42	24° 7	28°10	11°D 7	27°15	5°56	4°38	28°28	14°59	22°29	8°53	10°21	17° 6	n.a.	T 3
W 4	4 40 13	10° 6'56	6♋33	29°22	11° 7	27°14	6° 2	4°33	28°32	14°59	22°28	8°46	10°18	17°13	n.a.	W 4
T 5	4 44 10	11° 8'10	18°45	0♌29	11°10	27°D14	6° 8	4°28	28°36	15° 0	22°27	8°41	10°15	17°20	n.a.	T 5
F 6	4 48 6	12° 9'24	0♌45	1°32	11°15	27°14	6°15	4°23	28°39	15° 0	22°26	8°39	10°12	17°26	n.a.	F 6
S 7	4 52 3	13°10'38	12°37	2°28	11°22	27°15	6°21	4°19	28°43	15° 1	22°25	8°D39	10° 9	17°33	n.a.	S 7
S 8	4 55 59	14°11'52	24°24	3°18	11°32	27°17	6°28	4°14	28°46	15° 1	22°24	8°40	10° 5	17°39	n.a.	S 8
M 9	4 59 56	15°13'06	6♍12	4° 0	11°44	27°20	6°35	4° 9	28°50	15° 1	22°23	8°41	10° 2	17°46	n.a.	M 9
T 10	5 3 52	16°14'20	18° 7	4°34	11°58	27°23	6°42	4° 4	28°53	15° 2	22°22	8°R41	9°59	17°53	n.a.	T 10
W11	5 7 49	17°15'34	0♎13	4°59	12°15	27°28	6°49	3°59	28°57	15° 2	22°20	8°40	9°56	17°59	n.a.	W11
T 12	5 11 46	18°16'48	12°36	5°13	12°33	27°32	6°57	3°54	29° 0	15° 2	22°19	8°37	9°53	18° 6	n.a.	T 12
F 13	5 15 42	19°18'01	25°19	5°R16	12°53	27°38	7° 5	3°50	29° 4	15° 3	22°18	8°32	9°49	18°13	n.a.	F 13
S 14	5 19 39	20°19'15	8♏27	5° 8	13°16	27°44	7°12	3°45	29° 7	15° 3	22°17	8°25	9°46	18°19	n.a.	S 14
S 15	5 23 35	21°20'28	22° 0	4°48	13°40	27°51	7°20	3°40	29°11	15° 3	22°16	8°17	9°43	18°26	n.a.	S 15
M16	5 27 32	22°21'41	5♐57	4°16	14° 6	27°59	7°28	3°36	29°14	15° 3	22°15	8° 8	9°40	18°33	n.a.	M16
T 17	5 31 28	23°22'54	20°15	3°33	14°33	28° 7	7°37	3°31	29°18	15° 3	22°13	8° 1	9°37	18°39	n.a.	T 17
W18	5 35 25	24°24'06	4♑47	2°40	15° 3	28°16	7°45	3°27	29°21	15° 3	22°12	7°55	9°34	18°46	n.a.	W18
T 19	5 39 21	25°25'18	19°28	1°37	15°33	28°26	7°53	3°22	29°24	15°R 3	22°11	7°52	9°30	18°53	n.a.	T 19
F 20	5 43 18	26°26'28	4♒ 9	0°28	16° 6	28°36	8° 2	3°18	29°28	15° 3	22°10	7°D50	9°27	18°59	n.a.	F 20
S 21	5 47 15	27°27'38	18°45	29♐13	16°40	28°47	8°11	3°14	29°31	15° 3	22° 8	7°51	9°24	19° 6	n.a.	S 21
S 22	5 51 11	28°28'46	3♓11	27°56	17°15	28°58	8°20	3° 9	29°34	15° 3	22° 7	7°52	9°21	19°13	n.a.	S 22
M23	5 55 8	29°29'54	17°25	26°38	17°51	29°10	8°29	3° 5	29°38	15° 3	22° 6	7°53	9°18	19°19	n.a.	M23
T 24	5 59 4	0♑31'00	1♈23	25°23	18°29	29°22	8°38	3° 1	29°41	15° 3	22° 4	7°R54	9°14	19°26	n.a.	T 24
W25	6 3 1	1°32'06	15° 7	24°11	19° 8	29°36	8°48	2°57	29°44	15° 3	22° 3	7°53	9°11	19°32	n.a.	W25
T 26	6 6 57	2°33'10	28°36	23° 6	19°49	29°49	8°57	2°53	29°48	15° 3	22° 2	7°50	9° 8	19°39	n.a.	T 26
F 27	6 10 54	3°34'12	11♉51	22° 7	20°30	0♉ 3	9° 7	2°49	29°51	15° 2	22° 0	7°46	9° 5	19°46	n.a.	F 27
S 28	6 14 50	4°35'14	24°53	21°17	21°13	0°18	9°16	2°45	29°54	15° 2	21°59	7°41	9° 2	19°52	n.a.	S 28
S 29	6 18 47	5°36'15	7♊42	20°35	21°56	0°33	9°26	2°41	29°57	15° 2	21°58	7°35	8°59	19°59	n.a.	S 29
M30	6 22 44	6°37'14	20°18	20° 3	22°41	0°49	9°36	2°38	0♐ 0	15° 1	21°56	7°30	8°55	20° 6	n.a.	M30
T 31	6 26 40	7♑38'13	2♋43	19♐39	23♏27	1♉ 5	9♓46	2♊34	0♐ 3	15♍ 1	21♋55	7♌25	8♌52	20♌12	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21 s43	15n22	4 s47	25 s31	1 s54	12 s53	2n36	11n49	1n16	10 s51	1 s26	19n53	1 s28	19 s56	0n 5	7n26	1n34	30n13	8n33	18n 8	17n48	16n30			n.a.
M 2	21 53	18 9	4 17	25 27	1 48	12 42	2 46	11 49	1 17	10 48	1 26	19 52	1 28	19 57	0 5	7 26	1 34	30 13	8 33	18 11	17 49	16 28			n.a.
T 3	22 3	19 59	3 35	25 22	1 41	12 33	2 55	11 50	1 19	10 46	1 26	19 51	1 28	19 58	0 4	7 25	1 34	30 13	8 33	18 14	17 50	16 27			n.a.
W 4	22 12	20 49	2 43	25 15	1 33	12 24	3 4	11 50	1 20	10 43	1 25	19 50	1 28	19 58	0 4	7 25	1 34	30 14	8 33	18 16	17 51	16 26			n.a.
T 5	22 21	20 38	1 45	25 6	1 24	12 17	3 13	11 52	1 21	10 40	1 25	19 49	1 28	19 59	0 4	7 25	1 34	30 14	8 34	18 17	17 52	16 25			n.a.
F 6	22 30	19 31	0 42	24 56	1 14	12 11	3 21	11 53	1 23	10 38	1 25	19 49	1 28	20 0	0 4	7 25	1 34	30 15	8 34	18 18	17 53	16 24			n.a.
S 7	22 37	17 33	0n21	24 44	1 3	12 6	3 28	11 54	1 24	10 35	1 25	19 48	1 28	20 1	0 4	7 25	1 34	30 15	8 34	18 18	17 54	16 22			n.a.
S 8	22 45	14 51	1 24	24 30	0 51	12 3	3 35	11 56	1 25	10 32	1 24	19 47	1 28	20 2	0 4	7 25	1 35	30 16	8 34	18 17	17 54	16 21			n.a.
M 9	22 52	11 32	2 23	24 15	0 37	12 0	3 42	11 58	1 26	10 29	1 24	19 46	1 27	20 2	0 4	7 25	1 35	30 16	8 35	18 17	17 55	16 20			n.a.
T 10	22 59	7 45	3 16	24 0	0 23	11 59	3 48	12 0	1 27	10 26	1 24	19 45	1 27	20 3	0 4	7 25	1 35	30 16	8 35	18 17	17 56	16 19			n.a.
W11	23 5	3 36	4 2	23 43	0 7	11 58	3 53	12 3	1 28	10 23	1 24	19 45	1 27	20 4	0 4	7 25	1 35	30 17	8 35	18 17	17 57	16 17			n.a.
T 12	23 10	0 s47	4 37	23 26	0n10	11 59	3 58	12 6	1 29	10 20	1 23	19 44	1 27	20 5	0 4	7 25	1 35	30 17	8 35	18 18	17 58	16 16			n.a.
F 13	23 16	5 15	5 0	23 8	0 28	12 1	4 3	12 8	1 30	10 17	1 23	19 43	1 27	20 6	0 4	7 25	1 35	30 18	8 35	18 20	17 59	16 15			n.a.
S 14	23 20	9 37	5 8	22 49	0 46	12 3	4 7	12 12	1 31	10 14	1 23	19 42	1 27	20 6	0 4	7 25	1 35	30 18	8 36	18 21	18 0	16 14			n.a.
S 15	23 25	13 39	4 59	22 31	1 5	12 7	4 11	12 15	1 32	10 11	1 23	19 42	1 27	20 7	0 4	7 24	1 35	30 18	8 36	18 23	18 0	16 12			n.a.
M16	23 28	17 3	4 33	22 13	1 25	12 11	4 15	12 18	1 33	10 8	1 22	19 41	1 26	20 8	0 4	7 24	1 35	30 19	8 36	18 26	18 1	16 11			n.a.
T 17	23 32	19 32	3 49	21 55	1 44	12 16	4 18	12 22	1 33	10 4	1 22	19 40	1 26	20 9	0 4	7 25	1 35	30 19	8 36	18 28	18 2	16 10			n.a.
W18	23 35	20 47	2 50	21 37	2 3	12 22	4 21	12 26	1 34	10 1	1 22	19 40	1 26	20 9	0 4	7 25	1 35	30 20	8 36	18 29	18 3	16 9			n.a.
T 19	23 37	20 39	1 38	21 21	2 21	12 29	4 23	12 30	1 35	9 58	1 22	19 39	1 26	20 10	0 4	7 25	1 35	30 20	8 37	18 30	18 4	16 7			n.a.
F 20	23 39	19 6	0 20	21 5	2 37	12 36	4 25	12 34	1 35	9 54	1 21	19 38	1 26	20 11	0 4	7 25	1 35	30 20	8 37	18 30	18 5	16 6			n.a.
S 21	23 40	16 18	0 s59	20 50	2 52	12 44	4 27	12 39	1 36	9 50	1 21	19 38	1 26	20 12	0 4	7 25	1 35	30 21	8 37	18 30	18 6	16 5			n.a.
S 22	23 41	12 31	2 14	20 36	3 4	12 52	4 29	12 44	1 37	9 47	1 21	19 37	1 25	20 12	0 4	7 25	1 35	30 21	8 37	18 30	18 6	16 4			n.a.
M23	23 42	8 4	3 19	20 24	3 15	13 1	4 30	12 49	1 37	9 43	1 21	19 36	1 25	20 13	0 4	7 25	1 35	30 22	8 37	18 30	18 7	16 2			n.a.
T 24	23 42	3 16	4 11	20 14	3 23	13 11	4 31	12 54	1 38	9 40	1 20	19 36	1 25	20 14	0 4	7 25	1 36	30 22	8 38	18 29	18 8	16 1			n.a.
W25	23 41	1n36	4 48	20 6	3 28	13 21	4 31	12 59	1 38	9 36	1 20	19 35	1 25	20 14	0 4	7 25	1 36	30 22	8 38	18 30	18 9	16 0			n.a.
T 26	23 40	6 18	5 8	20 0	3 31	13 31	4 32	13 4	1 39	9 32	1 20	19 34	1 25	20 15	0 4	7 25	1 36	30 23	8 38	18 30	18 10	15 58			n.a.
F 27	23 39	10 37	5 11	19 56	3 32	13 42	4 32	13 10	1 40	9 28	1 20	19 34	1 25	20 16	0 4	7 25	1 36	30 23	8 38	18 31	18 11	15 57			n.a.
S 28	23 37	14 22	4 58	19 54	3 31	13 53	4 32	13 15	1 40	9 24	1 20	19 33	1 24	20 17	0 4	7 26	1 36	30 24	8 38	18 33	18 12	15 56			n.a.
S 29	23 35	17 23	4 30	19 54	3 28	14 5	4 31	13 21	1 40	9 20	1 19	19 33	1 24	20 17	0 4	7 26	1 36	30 24	8 38	18 34	18 12	15 55			n.a.
M30	23 32	19 31	3 50	19 57	3 23	14 17	4 31	13 27	1 41	9 16	1 19	19 32	1 24	20 18	0 4	7 26	1 36	30 24	8 38	18 36	18 13	15 53			n.a.
T 31	23 s28	20n42	2 s59	20 s 1	3n17	14 s29	4n30	13n33	1n41	9 s12	1 s19	19n32	1 s24	20 s19	0n 4	7n26	1n36	30n25	8n39	18n37	18n14	15n52			n.a.

Julian Day Number = 1710434.5, Delta T = 03h01m01s
Ecliptic obliquity = 23°41'49, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°28'41, Lahiri = - 4°21'40 Julian Calendar 1 Dec. 31 BCE == Greg. Calendar 29 Nov. 031 BCE

The year -30 astronomical counting style corresponds to year 031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 30 BCE
geocentric

JANUARY 30 BCE (-29) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 30 37	8♉39'10	14♋56	19°R24	24♏13	1♑21	9♓56	2°R31	0♐ 6	15°R 1	21°R53	7°R21	8♌49	20♌19	n.a.	W 1
T 2	6 34 33	9°40'06	27° 0	19°D17	25° 1	1°38	10° 7	2♊27	0° 9	15♍ 0	21♋52	7♌19	8°46	20°26	n.a.	T 2
F 3	6 38 30	10°41'01	8♌55	19♐18	25°49	1°56	10°17	2°24	0°12	15° 0	21°51	7°D19	8°43	20°32	n.a.	F 3
S 4	6 42 26	11°41'55	20°44	19°27	26°38	2°14	10°28	2°20	0°15	14°59	21°49	7°20	8°40	20°39	n.a.	S 4
S 5	6 46 23	12°42'48	2♍32	19°42	27°28	2°32	10°38	2°17	0°18	14°59	21°48	7°21	8°36	20°46	n.a.	S 5
M 6	6 50 19	13°43'39	14°20	20° 4	28°19	2°51	10°49	2°14	0°21	14°58	21°46	7°23	8°33	20°52	n.a.	M 6
T 7	6 54 16	14°44'30	26°14	20°31	29°11	3°10	11° 0	2°11	0°24	14°57	21°45	7°25	8°30	20°59	n.a.	T 7
W 8	6 58 13	15°45'20	8♎19	21° 4	0♐ 3	3°29	11°11	2° 8	0°27	14°57	21°43	7°26	8°27	21° 6	n.a.	W 8
T 9	7 2 9	16°46'08	20°38	21°42	0°56	3°49	11°22	2° 5	0°30	14°56	21°42	7°R26	8°24	21°12	n.a.	T 9
F 10	7 6 6	17°46'56	3♏18	22°24	1°50	4°10	11°33	2° 3	0°32	14°55	21°41	7°25	8°20	21°19	n.a.	F 10
S 11	7 10 2	18°47'42	16°21	23°11	2°44	4°30	11°45	2° 0	0°35	14°55	21°39	7°23	8°17	21°25	n.a.	S 11
S 12	7 13 59	19°48'27	29°51	24° 1	3°39	4°51	11°56	1°58	0°38	14°54	21°38	7°21	8°14	21°32	n.a.	S 12
M13	7 17 55	20°49'11	13♐48	24°54	4°34	5°12	12° 7	1°55	0°41	14°53	21°36	7°19	8°11	21°39	n.a.	M13
T 14	7 21 52	21°49'54	28°10	25°51	5°30	5°34	12°19	1°53	0°43	14°52	21°35	7°17	8° 8	21°45	n.a.	T 14
W15	7 25 49	22°50'35	12♑54	26°50	6°27	5°56	12°31	1°51	0°46	14°52	21°33	7°15	8° 5	21°52	n.a.	W15
T 16	7 29 45	23°51'15	27°52	27°52	7°24	6°19	12°42	1°48	0°48	14°51	21°32	7°14	8° 1	21°59	n.a.	T 16
F 17	7 33 42	24°51'54	12♒56	28°57	8°21	6°41	12°54	1°46	0°51	14°50	21°30	7°D14	7°58	22° 5	n.a.	F 17
S 18	7 37 38	25°52'30	27°57	0♑ 4	9°19	7° 4	13° 6	1°45	0°53	14°49	21°29	7°15	7°55	22°12	n.a.	S 18
S 19	7 41 35	26°53'05	12♓47	1°13	10°18	7°27	13°18	1°43	0°56	14°48	21°28	7°15	7°52	22°19	n.a.	S 19
M20	7 45 31	27°53'37	27°20	2°24	11°16	7°51	13°30	1°41	0°58	14°47	21°26	7°16	7°49	22°25	n.a.	M20
T 21	7 49 28	28°54'08	11♈32	3°36	12°16	8°15	13°43	1°40	1° 0	14°46	21°25	7°17	7°46	22°32	n.a.	T 21
W22	7 53 24	29°54'37	25°22	4°51	13°15	8°39	13°55	1°38	1° 3	14°45	21°23	7°R17	7°42	22°39	n.a.	W22
T 23	7 57 21	0♒55'03	8♉49	6° 7	14°16	9° 4	14° 7	1°37	1° 5	14°44	21°22	7°17	7°39	22°45	n.a.	T 23
F 24	8 1 17	1°55'28	21°55	7°25	15°16	9°28	14°20	1°35	1° 7	14°43	21°20	7°17	7°36	22°52	n.a.	F 24
S 25	8 5 14	2°55'51	4♊43	8°44	16°17	9°53	14°32	1°34	1° 9	14°42	21°19	7°16	7°33	22°59	n.a.	S 25
S 26	8 9 11	3°56'11	17°16	10° 4	17°18	10°18	14°45	1°33	1°12	14°40	21°18	7°16	7°30	23° 5	n.a.	S 26
M27	8 13 7	4°56'30	29°35	11°26	18°20	10°44	14°57	1°32	1°14	14°39	21°16	7°16	7°26	23°12	n.a.	M27
T 28	8 17 4	5°56'47	11♋44	12°49	19°21	11° 9	15°10	1°32	1°16	14°38	21°15	7°15	7°23	23°19	n.a.	T 28
W29	8 21 0	6°57'02	23°44	14°14	20°24	11°35	15°23	1°31	1°18	14°37	21°13	7°D15	7°20	23°25	n.a.	W29
T 30	8 24 57	7°57'14	5♌38	15°40	21°26	12° 2	15°36	1°30	1°20	14°36	21°12	7°R15	7°17	23°32	n.a.	T 30
F 31	8 28 53	8♒57'25	17♌29	17♑ 7	22♐29	12♑28	15♓49	1♊30	1♐22	14♍34	21♋11	7♌15	7♌14	23♌39	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23 s25	20n52	2 s 0	20 s 7	3n10	14 s41	4n29	13n39	1n42	9 s 8	1 s19	19n31	1 s24	20 s19	0n 4	7n26	1n36	30n25	8n39	18n38	18n15	15n51			n.a.
T 2	23 20	20 4	0 56	20 15	3 1	14 54	4 28	13 46	1 42	9 4	1 18	19 31	1 23	20 20	0 4	7 27	1 36	30 26	8 39	18 38	18 16	15 49			n.a.
F 3	23 16	18 22	0n 9	20 24	2 53	15 6	4 26	13 52	1 42	9 0	1 18	19 30	1 23	20 21	0 4	7 27	1 36	30 26	8 39	18 38	18 17	15 48			n.a.
S 4	23 11	15 53	1 13	20 34	2 43	15 19	4 25	13 59	1 43	8 56	1 18	19 30	1 23	20 21	0 4	7 27	1 36	30 26	8 39	18 38	18 17	15 47			n.a.
S 5	23 5	12 46	2 15	20 45	2 33	15 32	4 23	14 6	1 43	8 51	1 18	19 29	1 23	20 22	0 4	7 27	1 36	30 27	8 39	18 38	18 18	15 45			n.a.
M 6	22 59	9 9	3 10	20 57	2 23	15 45	4 21	14 12	1 43	8 47	1 18	19 29	1 23	20 22	0 4	7 28	1 36	30 27	8 39	18 37	18 19	15 44			n.a.
T 7	22 52	5 9	3 58	21 9	2 13	15 59	4 19	14 19	1 44	8 43	1 18	19 29	1 22	20 23	0 4	7 28	1 36	30 27	8 39	18 37	18 20	15 43			n.a.
W 8	22 45	0 54	4 36	21 22	2 2	16 12	4 17	14 26	1 44	8 38	1 17	19 28	1 22	20 24	0 4	7 28	1 36	30 28	8 40	18 37	18 21	15 41			n.a.
T 9	22 38	3 s28	5 3	21 35	1 51	16 25	4 14	14 33	1 44	8 34	1 17	19 28	1 22	20 24	0 4	7 29	1 36	30 28	8 40	18 37	18 22	15 40			n.a.
F 10	22 30	7 48	5 15	21 48	1 41	16 38	4 12	14 41	1 44	8 29	1 17	19 28	1 22	20 25	0 4	7 29	1 37	30 28	8 40	18 37	18 22	15 39			n.a.
S 11	22 22	11 55	5 12	22 1	1 30	16 51	4 9	14 48	1 45	8 25	1 17	19 27	1 22	20 25	0 4	7 29	1 37	30 29	8 40	18 37	18 23	15 37			n.a.
S 12	22 13	15 34	4 52	22 14	1 19	17 5	4 6	14 55	1 45	8 20	1 17	19 27	1 21	20 26	0 4	7 30	1 37	30 29	8 40	18 38	18 24	15 36			n.a.
M13	22 4	18 29	4 15	22 27	1 9	17 18	4 3	15 3	1 45	8 16	1 16	19 27	1 21	20 27	0 4	7 30	1 37	30 29	8 40	18 38	18 25	15 35			n.a.
T 14	21 54	20 21	3 20	22 39	0 59	17 31	4 0	15 10	1 45	8 11	1 16	19 26	1 21	20 27	0 4	7 30	1 37	30 30	8 40	18 39	18 26	15 33			n.a.
W15	21 44	20 54	2 11	22 51	0 49	17 43	3 57	15 18	1 45	8 6	1 16	19 26	1 21	20 28	0 4	7 31	1 37	30 30	8 40	18 39	18 27	15 32			n.a.
T 16	21 34	19 58	0 52	23 2	0 39	17 56	3 54	15 26	1 46	8 2	1 16	19 26	1 20	20 28	0 4	7 31	1 37	30 30	8 40	18 40	18 27	15 30			n.a.
F 17	21 23	17 37	0 s32	23 13	0 29	18 9	3 50	15 33	1 46	7 57	1 16	19 26	1 20	20 29	0 4	7 31	1 37	30 31	8 40	18 40	18 28	15 29			n.a.
S 18	21 12	14 4	1 53	23 23	0 19	18 21	3 47	15 41	1 46	7 52	1 16	19 26	1 20	20 29	0 4	7 32	1 37	30 31	8 40	18 40	18 29	15 28			n.a.
S 19	21 0	9 40	3 5	23 32	0 10	18 33	3 43	15 49	1 46	7 47	1 15	19 25	1 20	20 30	0 4	7 32	1 37	30 31	8 40	18 39	18 30	15 26			n.a.
M20	20 48	4 48	4 4	23 40	0 1	18 45	3 40	15 57	1 46	7 42	1 15	19 25	1 20	20 30	0 4	7 33	1 37	30 32	8 41	18 39	18 31	15 25			n.a.
T 21	20 36	0n13	4 46	23 47	0 s 8	18 56	3 36	16 5	1 46	7 38	1 15	19 25	1 19	20 31	0 4	7 33	1 37	30 32	8 41	18 39	18 32	15 24			n.a.
W22	20 23	5 5	5 11	23 53	0 17	19 8	3 32	16 13	1 46	7 33	1 15	19 25	1 19	20 31	0 4	7 34	1 37	30 32	8 41	18 39	18 32	15 22			n.a.
T 23	20 10	9 34	5 18	23 58	0 25	19 19	3 28	16 21	1 46	7 28	1 15	19 25	1 19	20 32	0 4	7 34	1 37	30 32	8 41	18 39	18 33	15 21			n.a.
F 24	19 57	13 29	5 8	24 2	0 33	19 30	3 24	16 29	1 46	7 23	1 15	19 25	1 19	20 32	0 4	7 34	1 37	30 33	8 41	18 39	18 34	15 19			n.a.
S 25	19 43	16 41	4 42	24 5	0 41	19 40	3 20	16 37	1 46	7 18	1 14	19 25	1 18	20 33	0 4	7 35	1 37	30 33	8 41	18 39	18 35	15 18			n.a.
S 26	19 29	19 2	4 4	24 7	0 48	19 50	3 16	16 45	1 47	7 13	1 14	19 25	1 18	20 33	0 4	7 35	1 37	30 33	8 41	18 39	18 36	15 17			n.a.
M27	19 14	20 27	3 15	24 7	0 56	20 0	3 12	16 53	1 47	7 8	1 14	19 25	1 18	20 34	0 4	7 36	1 37	30 34	8 41	18 39	18 37	15 15			n.a.
T 28	18 59	20 54	2 17	24 7	1 3	20 9	3 7	17 1	1 47	7 2	1 14	19 25	1 18	20 34	0 4	7 36	1 37	30 34	8 41	18 39	18 37	15 14			n.a.
W29	18 44	20 22	1 15	24 4	1 9	20 18	3 3	17 10	1 47	6 57	1 14	19 25	1 18	20 34	0 4	7 37	1 37	30 34	8 41	18 39	18 38	15 12			n.a.
T 30	18 29	18 55	0 9	24 1	1 15	20 27	2 59	17 18	1 47	6 52	1 14	19 25	1 17	20 35	0 4	7 37	1 37	30 34	8 41	18 39	18 39	15 11			n.a.
F 31	18 s13	16n40	0n57	23 s56	1 s21	20 s35	2n54	17n26	1n47	6 s47	1 s14	19n26	1 s17	20 s35	0n 4	7n38	1n38	30n34	8n41	18n39	18n40	15n 9			n.a.

Julian Day Number = 1710465.5, Delta T = 03h01m00s
Ecliptic obliquity = 23°41'49, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°28'36, Lahiri = - 4°21'36 Julian Calendar 1 Jan. 30 BCE == Greg. Calendar 30 Dec. 031 BCE

The year -29 astronomical counting style corresponds to year 030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 30 BCE
geocentric

FEBRUARY 30 BCE (-29) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 32 50	9♒57'34	29♌17	18♑35	23♐32	12♉54	16♓ 2	1°R30	1♐24	14°R33	21°R 9	7°R15	7♌11	23♌45	n.a.	S 1
S 2	8 36 46	10°57'41	11♍ 6	20° 4	24°35	13°21	16°15	1♊29	1°25	14♍32	21♋ 8	7♌15	7° 7	23°52	n.a.	S 2
M 3	8 40 43	11°57'46	22°57	21°34	25°39	13°48	16°28	1°29	1°27	14°31	21° 7	7°14	7° 4	23°58	n.a.	M 3
T 4	8 44 40	12°57'50	4♎54	23° 6	26°43	14°15	16°41	1°D29	1°29	14°29	21° 5	7°13	7° 1	24° 5	n.a.	T 4
W 5	8 48 36	13°57'51	17° 1	24°39	27°47	14°43	16°54	1°29	1°31	14°28	21° 4	7°13	6°58	24°12	n.a.	W 5
T 6	8 52 33	14°57'51	29°20	26°13	28°51	15°10	17° 7	1°29	1°32	14°27	21° 3	7°12	6°55	24°18	n.a.	T 6
F 7	8 56 29	15°57'50	11♏56	27°48	29°56	15°38	17°21	1°30	1°34	14°25	21° 1	7°D12	6°52	24°25	n.a.	F 7
S 8	9 0 26	16°57'46	24°53	29°24	1♑ 1	16° 6	17°34	1°30	1°35	14°24	21° 0	7°12	6°48	24°32	n.a.	S 8
S 9	9 4 22	17°57'41	8♐14	1♒ 1	2° 6	16°34	17°47	1°31	1°37	14°22	20°59	7°12	6°45	24°38	n.a.	S 9
M10	9 8 19	18°57'34	22° 0	2°40	3°11	17° 3	18° 1	1°31	1°38	14°21	20°57	7°13	6°42	24°45	n.a.	M10
T 11	9 12 15	19°57'26	6♑14	4°19	4°17	17°31	18°14	1°32	1°40	14°19	20°56	7°14	6°39	24°52	n.a.	T 11
W12	9 16 12	20°57'15	20°52	6° 0	5°22	18° 0	18°28	1°33	1°41	14°18	20°55	7°15	6°36	24°58	n.a.	W12
T 13	9 20 9	21°57'03	5♒49	7°42	6°28	18°29	18°42	1°34	1°42	14°16	20°54	7°R16	6°32	25° 5	n.a.	T 13
F 14	9 24 5	22°56'48	21° 0	9°25	7°34	18°58	18°55	1°35	1°44	14°15	20°53	7°15	6°29	25°12	n.a.	F 14
S 15	9 28 2	23°56'32	6♓14	11° 9	8°40	19°27	19° 9	1°37	1°45	14°13	20°51	7°14	6°26	25°18	n.a.	S 15
S 16	9 31 58	24°56'13	21°21	12°55	9°47	19°56	19°23	1°38	1°46	14°12	20°50	7°12	6°23	25°25	n.a.	S 16
M17	9 35 55	25°55'52	6♈13	14°41	10°53	20°25	19°36	1°39	1°47	14°10	20°49	7°10	6°20	25°32	n.a.	M17
T 18	9 39 51	26°55'29	20°41	16°29	12° 0	20°55	19°50	1°41	1°48	14° 9	20°48	7° 7	6°17	25°38	n.a.	T 18
W19	9 43 48	27°55'03	4♉44	18°18	13° 7	21°25	20° 4	1°43	1°49	14° 7	20°47	7° 5	6°13	25°45	n.a.	W19
T 20	9 47 44	28°54'35	18°19	20° 9	14°14	21°55	20°18	1°44	1°50	14° 6	20°46	7° 4	6°10	25°52	n.a.	T 20
F 21	9 51 41	29°54'04	1♊27	22° 0	15°21	22°25	20°32	1°46	1°51	14° 4	20°45	7°D 3	6° 7	25°58	n.a.	F 21
S 22	9 55 38	0♓53'31	14°12	23°53	16°28	22°55	20°46	1°48	1°52	14° 3	20°44	7° 4	6° 4	26° 5	n.a.	S 22
S 23	9 59 34	1°52'56	26°37	25°48	17°36	23°25	21° 0	1°50	1°52	14° 1	20°43	7° 5	6° 1	26°12	n.a.	S 23
M24	10 3 31	2°52'19	8♋48	27°43	18°43	23°56	21°14	1°53	1°53	13°59	20°42	7° 7	5°58	26°18	n.a.	M24
T 25	10 7 27	3°51'39	20°47	29°40	19°51	24°26	21°28	1°55	1°54	13°58	20°41	7° 9	5°54	26°25	n.a.	T 25
W26	10 11 24	4°50'56	2♌39	1♓37	20°58	24°57	21°42	1°57	1°55	13°56	20°40	7°R10	5°51	26°31	n.a.	W26
T 27	10 15 20	5°50'12	14°28	3°36	22° 6	25°28	21°56	2° 0	1°55	13°54	20°39	7° 9	5°48	26°38	n.a.	T 27
F 28	10 19 17	6♓49'25	26♌15	5♓36	23♑14	25♉58	22♓10	2♊ 2	1♐56	13♍53	20♋38	7♌ 8	5♌45	26♌45	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s57	13n43	2n 0	23s50	1s27	20s43	2n50	17n34	1n47	6s42	1s14	19n26	1s17	20s36	0n 4	7n39	1n38	30n35	8n41	18n39	18n41	15n 8			n.a.
S 2	17 40	10 13	2 57	23 42	1 32	20 50	2 45	17 43	1 47	6 37	1 13	19 26	1 17	20 36	0 4	7 39	1 38	30 35	8 41	18 40	18 41	15 7			n.a.
M 3	17 23	6 18	3 48	23 33	1 37	20 57	2 41	17 51	1 47	6 31	1 13	19 26	1 16	20 36	0 4	7 40	1 38	30 35	8 41	18 40	18 42	15 5			n.a.
T 4	17 6	2 8	4 29	23 22	1 42	21 3	2 36	17 59	1 47	6 26	1 13	19 26	1 16	20 37	0 4	7 40	1 38	30 35	8 41	18 40	18 43	15 4			n.a.
W 5	16 49	2s10	4 58	23 10	1 46	21 9	2 32	18 7	1 47	6 21	1 13	19 27	1 16	20 37	0 4	7 41	1 38	30 36	8 41	18 40	18 44	15 2			n.a.
T 6	16 31	6 27	5 15	22 56	1 50	21 14	2 27	18 15	1 47	6 15	1 13	19 27	1 16	20 37	0 4	7 41	1 38	30 36	8 41	18 40	18 45	15 1			n.a.
F 7	16 13	10 34	5 17	22 41	1 54	21 19	2 22	18 24	1 46	6 10	1 13	19 27	1 15	20 38	0 4	7 42	1 38	30 36	8 41	18 40	18 45	14 59			n.a.
S 8	15 55	14 18	5 3	22 24	1 57	21 24	2 18	18 32	1 46	6 5	1 13	19 27	1 15	20 38	0 4	7 42	1 38	30 36	8 41	18 40	18 46	14 58			n.a.
S 9	15 37	17 26	4 32	22 6	2 0	21 28	2 13	18 40	1 46	5 59	1 13	19 28	1 15	20 38	0 4	7 43	1 38	30 36	8 41	18 40	18 47	14 56			n.a.
M10	15 18	19 42	3 46	21 46	2 2	21 31	2 8	18 48	1 46	5 54	1 12	19 28	1 15	20 39	0 4	7 44	1 38	30 36	8 41	18 40	18 48	14 55			n.a.
T 11	14 59	20 49	2 44	21 24	2 4	21 34	2 4	18 56	1 46	5 48	1 12	19 29	1 14	20 39	0 4	7 44	1 38	30 37	8 41	18 40	18 49	14 53			n.a.
W12	14 40	20 35	1 30	21 0	2 6	21 36	1 59	19 4	1 46	5 43	1 12	19 29	1 14	20 39	0 4	7 45	1 38	30 37	8 41	18 39	18 49	14 52			n.a.
T 13	14 21	18 53	0 8	20 35	2 7	21 38	1 54	19 13	1 46	5 37	1 12	19 29	1 14	20 40	0 4	7 45	1 38	30 37	8 40	18 39	18 50	14 51			n.a.
F 14	14 1	15 50	1s15	20 8	2 8	21 39	1 50	19 21	1 46	5 32	1 12	19 30	1 14	20 40	0 4	7 46	1 38	30 37	8 40	18 39	18 51	14 49			n.a.
S 15	13 41	11 42	2 34	19 40	2 8	21 40	1 45	19 29	1 46	5 26	1 12	19 30	1 14	20 40	0 4	7 47	1 38	30 37	8 40	18 40	18 52	14 48			n.a.
S 16	13 21	6 50	3 41	19 10	2 8	21 40	1 40	19 37	1 46	5 21	1 12	19 31	1 13	20 40	0 4	7 47	1 38	30 37	8 40	18 40	18 53	14 46			n.a.
M17	13 1	1 39	4 31	18 38	2 7	21 40	1 35	19 45	1 46	5 15	1 12	19 31	1 13	20 41	0 4	7 48	1 38	30 37	8 40	18 41	18 54	14 45			n.a.
T 18	12 40	3n29	5 3	18 4	2 6	21 39	1 31	19 52	1 46	5 10	1 12	19 32	1 13	20 41	0 4	7 49	1 38	30 38	8 40	18 41	18 54	14 43			n.a.
W19	12 20	8 17	5 16	17 29	2 4	21 37	1 26	20 0	1 46	5 4	1 12	19 32	1 13	20 41	0 4	7 49	1 38	30 38	8 40	18 42	18 55	14 42			n.a.
T 20	11 59	12 30	5 10	16 51	2 2	21 35	1 21	20 8	1 45	4 59	1 12	19 33	1 12	20 41	0 4	7 50	1 38	30 38	8 40	18 42	18 56	14 40			n.a.
F 21	11 38	15 58	4 48	16 12	2 0	21 32	1 17	20 16	1 45	4 53	1 11	19 34	1 12	20 41	0 4	7 50	1 38	30 38	8 40	18 42	18 57	14 39			n.a.
S 22	11 16	18 35	4 12	15 32	1 56	21 29	1 12	20 24	1 45	4 47	1 11	19 34	1 12	20 42	0 4	7 51	1 38	30 38	8 40	18 42	18 57	14 37			n.a.
S 23	10 55	20 14	3 25	14 49	1 53	21 25	1 8	20 31	1 45	4 42	1 11	19 35	1 12	20 42	0 4	7 52	1 38	30 38	8 40	18 42	18 58	14 36			n.a.
M24	10 34	20 54	2 30	14 5	1 49	21 20	1 3	20 39	1 45	4 36	1 11	19 36	1 12	20 42	0 4	7 52	1 38	30 38	8 40	18 42	18 59	14 34			n.a.
T 25	10 12	20 36	1 29	13 20	1 44	21 15	0 58	20 46	1 45	4 30	1 11	19 36	1 11	20 42	0 4	7 53	1 38	30 38	8 40	18 41	19 0	14 33			n.a.
W26	9 50	19 23	0 25	12 32	1 38	21 9	0 54	20 54	1 45	4 25	1 11	19 37	1 11	20 42	0 4	7 54	1 38	30 38	8 39	18 41	19 1	14 31			n.a.
T 27	9 28	17 18	0n40	11 44	1 32	21 3	0 49	21 1	1 45	4 19	1 11	19 38	1 11	20 42	0 4	7 54	1 38	30 38	8 39	18 41	19 1	14 29			n.a.
F 28	9s 6	14n31	1n43	10s53	1s26	20s56	0n45	21n 9	1n44	4s13	1s11	19n38	1s11	20s42	0n 4	7n55	1n38	30n38	8n39	18n41	19n 2	14n28			n.a.

Julian Day Number = 1710496.5, Delta T = 03h00m59s
Ecliptic obliquity = 23°41'49, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°28'32, Lahiri = - 4°21'32 Julian Calendar 1 Feb. 30 BCE == Greg. Calendar 30 Jan. 030 BCE

The year -29 astronomical counting style corresponds to year 030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 30 BCE
geocentric

MARCH 30 BCE (-29) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 23 13	7♓48'36	8♍ 4	7♓37	24♉22	26♉29	22♓24	2♊ 5	1♐56	13°R51	20°R37	7°R 5	5♌42	26♌51	n.a.	S 1
S 2	10 27 10	8°47'44	19°57	9°39	25°31	27° 1	22°39	2° 8	1°57	13♍50	20♋36	7♌ 0	5°38	26°58	n.a.	S 2
M 3	10 31 6	9°46'51	1♎55	11°42	26°39	27°32	22°53	2°11	1°57	13°48	20°35	6°55	5°35	27° 5	n.a.	M 3
T 4	10 35 3	10°45'56	14° 1	13°45	27°48	28° 3	23° 7	2°14	1°57	13°46	20°34	6°48	5°32	27°11	n.a.	T 4
W 5	10 39 0	11°44'58	26°15	15°49	28°56	28°35	23°21	2°17	1°57	13°45	20°33	6°42	5°29	27°18	n.a.	W 5
T 6	10 42 56	12°43'59	8♏41	17°53	0♒ 5	29° 6	23°36	2°20	1°58	13°43	20°33	6°37	5°26	27°25	n.a.	T 6
F 7	10 46 53	13°42'58	21°21	19°57	1°14	29°38	23°50	2°24	1°58	13°41	20°32	6°33	5°23	27°31	n.a.	F 7
S 8	10 50 49	14°41'55	4♐16	22° 0	2°22	0♊ 9	24° 4	2°27	1°58	13°40	20°31	6°31	5°19	27°38	n.a.	S 8
S 9	10 54 46	15°40'50	17°31	24° 4	3°31	0°41	24°18	2°31	1°58	13°38	20°30	6°D31	5°16	27°45	n.a.	S 9
M10	10 58 42	16°39'44	1♑ 8	26° 6	4°40	1°13	24°33	2°34	1°R58	13°36	20°30	6°31	5°13	27°51	n.a.	M10
T 11	11 2 39	17°38'35	15° 7	28° 7	5°50	1°45	24°47	2°38	1°58	13°35	20°29	6°33	5°10	27°58	n.a.	T 11
W12	11 6 35	18°37'25	29°30	0♈ 7	6°59	2°17	25° 1	2°42	1°58	13°33	20°28	6°R34	5° 7	28° 5	n.a.	W12
T 13	11 10 32	19°36'13	14♒14	2° 4	8° 8	2°50	25°16	2°46	1°58	13°31	20°28	6°34	5° 3	28°11	n.a.	T 13
F 14	11 14 29	20°34'59	29°14	4° 0	9°18	3°22	25°30	2°50	1°58	13°30	20°27	6°32	5° 0	28°18	n.a.	F 14
S 15	11 18 25	21°33'43	14♓22	5°53	10°27	3°54	25°44	2°54	1°57	13°28	20°26	6°28	4°57	28°25	n.a.	S 15
S 16	11 22 22	22°32'25	29°30	7°43	11°37	4°27	25°59	2°58	1°57	13°27	20°26	6°22	4°54	28°31	n.a.	S 16
M17	11 26 18	23°31'05	14♈26	9°29	12°46	4°59	26°13	3° 2	1°57	13°25	20°25	6°15	4°51	28°38	n.a.	M17
T 18	11 30 15	24°29'43	29° 4	11°12	13°56	5°32	26°27	3° 7	1°56	13°23	20°25	6° 8	4°48	28°45	n.a.	T 18
W19	11 34 11	25°28'19	13♉16	12°52	15° 6	6° 5	26°42	3°11	1°56	13°22	20°24	6° 1	4°44	28°51	n.a.	W19
T 20	11 38 8	26°26'52	26°59	14°27	16°15	6°37	26°56	3°15	1°55	13°20	20°24	5°55	4°41	28°58	n.a.	T 20
F 21	11 42 4	27°25'23	10♊13	15°58	17°25	7°10	27°11	3°20	1°55	13°18	20°23	5°52	4°38	29° 5	n.a.	F 21
S 22	11 46 1	28°23'52	23° 1	17°24	18°35	7°43	27°25	3°25	1°54	13°17	20°23	5°D50	4°35	29°11	n.a.	S 22
S 23	11 49 57	29°22'19	5♋27	18°46	19°45	8°16	27°39	3°30	1°53	13°15	20°23	5°50	4°32	29°18	n.a.	S 23
M24	11 53 54	0♈20'43	17°36	20° 3	20°55	8°49	27°54	3°34	1°53	13°14	20°22	5°51	4°29	29°25	n.a.	M24
T 25	11 57 51	1°19'06	29°32	21°15	22° 5	9°23	28° 8	3°39	1°52	13°12	20°22	5°52	4°25	29°31	n.a.	T 25
W26	12 1 47	2°17'26	11♌22	22°22	23°15	9°56	28°22	3°44	1°51	13°11	20°22	5°R52	4°22	29°38	n.a.	W26
T 27	12 5 44	3°15'44	23° 9	23°24	24°25	10°29	28°37	3°49	1°50	13° 9	20°22	5°50	4°19	29°45	n.a.	T 27
F 28	12 9 40	4°13'59	4♍57	24°21	25°36	11° 3	28°51	3°55	1°49	13° 8	20°21	5°46	4°16	29°51	n.a.	F 28
S 29	12 13 37	5°12'13	16°49	25°12	26°46	11°36	29° 5	4° 0	1°48	13° 6	20°21	5°40	4°13	29°58	n.a.	S 29
S 30	12 17 33	6°10'25	28°49	25°58	27°56	12°10	29°20	4° 5	1°47	13° 5	20°21	5°31	4° 9	0♍ 4	n.a.	S 30
M31	12 21 30	7♈ 8'35	10♎57	26♈39	29♒ 7	12♊43	29♓34	4♊11	1♐46	13♍ 3	20♋21	5♌21	4♌ 6	0♍11	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8s44	11n 7	2n41	10s 1	1s19	20s49	0n41	21n16	1n44	4s 8	1s11	19n39	1s10	20s42	0n 4	7n56	1n38	30n38	8n39	18n42	19n 3	14n26		n.a.
S 2	8 22	7 17	3 33	9 8	1 11	20 40	0 36	21 23	1 44	4 2	1 11	19 40	1 10	20 43	0 4	7 56	1 38	30 38	8 39	18 43	19 4	14 25		n.a.
M 3	7 59	3 8	4 16	8 13	1 3	20 32	0 32	21 30	1 44	3 56	1 11	19 41	1 10	20 43	0 4	7 57	1 38	30 39	8 39	18 45	19 5	14 23		n.a.
T 4	7 36	1s11	4 47	7 18	0 55	20 23	0 28	21 37	1 44	3 50	1 11	19 42	1 10	20 43	0 4	7 58	1 38	30 39	8 39	18 46	19 5	14 22		n.a.
W 5	7 14	5 29	5 6	6 21	0 45	20 13	0 23	21 44	1 44	3 45	1 11	19 42	1 10	20 43	0 4	7 58	1 38	30 39	8 39	18 48	19 6	14 20		n.a.
T 6	6 51	9 38	5 11	5 23	0 36	20 2	0 19	21 51	1 43	3 39	1 11	19 43	1 9	20 43	0 4	7 59	1 38	30 39	8 39	18 49	19 7	14 19		n.a.
F 7	6 28	13 27	5 1	4 25	0 26	19 52	0 15	21 58	1 43	3 33	1 11	19 44	1 9	20 43	0 4	8 0	1 38	30 39	8 38	18 50	19 8	14 17		n.a.
S 8	6 5	16 43	4 36	3 26	0 15	19 40	0 11	22 5	1 43	3 27	1 11	19 45	1 9	20 43	0 4	8 0	1 38	30 39	8 38	18 51	19 9	14 16		n.a.
S 9	5 42	19 12	3 55	2 27	0 4	19 28	0 7	22 12	1 43	3 22	1 10	19 46	1 9	20 43	0 4	8 1	1 38	30 39	8 38	18 51	19 9	14 14		n.a.
M10	5 19	20 41	3 1	1 28	0n 7	19 15	0 3	22 18	1 43	3 16	1 10	19 47	1 9	20 43	0 4	8 2	1 38	30 39	8 38	18 51	19 10	14 12		n.a.
T 11	4 56	20 57	1 54	0 29	0 18	19 2	0s 1	22 25	1 43	3 10	1 10	19 48	1 8	20 43	0 4	8 2	1 38	30 39	8 38	18 50	19 11	14 11		n.a.
W12	4 33	19 51	0 38	0n30	0 30	18 49	0 5	22 31	1 42	3 4	1 10	19 49	1 8	20 43	0 4	8 3	1 38	30 39	8 38	18 50	19 12	14 9		n.a.
T 13	4 10	17 24	0s42	1 28	0 41	18 34	0 9	22 37	1 42	2 59	1 10	19 50	1 8	20 43	0 4	8 3	1 38	30 38	8 38	18 50	19 12	14 8		n.a.
F 14	3 46	13 44	2 0	2 25	0 53	18 20	0 13	22 43	1 42	2 53	1 10	19 51	1 8	20 43	0 4	8 4	1 38	30 38	8 38	18 50	19 13	14 6		n.a.
S 15	3 23	9 8	3 10	3 21	1 4	18 4	0 16	22 49	1 42	2 47	1 10	19 52	1 7	20 43	0 4	8 5	1 38	30 38	8 37	18 51	19 14	14 5		n.a.
S 16	2 59	3 58	4 7	4 15	1 16	17 49	0 20	22 55	1 42	2 41	1 10	19 53	1 7	20 43	0 4	8 5	1 38	30 38	8 37	18 53	19 15	14 3		n.a.
M17	2 36	1n22	4 46	5 8	1 27	17 32	0 24	23 1	1 41	2 35	1 10	19 54	1 7	20 43	0 4	8 6	1 38	30 38	8 37	18 55	19 16	14 1		n.a.
T 18	2 13	6 30	5 6	5 59	1 38	17 16	0 27	23 7	1 41	2 30	1 10	19 55	1 7	20 43	0 4	8 7	1 38	30 38	8 37	18 57	19 16	14 0		n.a.
W19	1 49	11 8	5 6	6 47	1 48	16 58	0 31	23 13	1 41	2 24	1 10	19 56	1 7	20 43	0 4	8 7	1 38	30 38	8 37	18 58	19 17	13 58		n.a.
T 20	1 26	15 2	4 48	7 34	1 58	16 41	0 34	23 18	1 41	2 18	1 10	19 57	1 6	20 42	0 4	8 8	1 38	30 38	8 37	19 0	19 18	13 57		n.a.
F 21	1 2	18 1	4 15	8 18	2 7	16 22	0 37	23 24	1 41	2 12	1 10	19 58	1 6	20 42	0 4	8 8	1 38	30 38	8 37	19 1	19 19	13 55		n.a.
S 22	0 39	20 1	3 30	9 0	2 16	16 4	0 41	23 29	1 40	2 7	1 10	19 59	1 6	20 42	0 4	8 9	1 38	30 38	8 36	19 1	19 19	13 53		n.a.
S 23	0 15	20 59	2 36	9 39	2 24	15 45	0 44	23 34	1 40	2 1	1 10	20 0	1 6	20 42	0 4	8 10	1 38	30 38	8 36	19 1	19 20	13 52		n.a.
M24	0n 8	20 56	1 37	10 15	2 32	15 25	0 47	23 39	1 40	1 55	1 10	20 1	1 6	20 42	0 4	8 10	1 38	30 38	8 36	19 1	19 21	13 50		n.a.
T 25	0 32	19 55	0 34	10 49	2 38	15 5	0 50	23 44	1 40	1 49	1 10	20 2	1 6	20 42	0 4	8 11	1 38	30 38	8 36	19 0	19 22	13 48		n.a.
W26	0 55	18 2	0n29	11 20	2 44	14 45	0 53	23 49	1 40	1 43	1 10	20 3	1 5	20 42	0 4	8 11	1 38	30 38	8 36	19 0	19 22	13 47		n.a.
T 27	1 19	15 23	1 31	11 48	2 49	14 24	0 56	23 54	1 39	1 38	1 10	20 5	1 5	20 41	0 4	8 12	1 38	30 37	8 36	19 1	19 23	13 45		n.a.
F 28	1 42	12 7	2 29	12 12	2 53	14 3	0 59	23 59	1 39	1 32	1 10	20 6	1 5	20 41	0 4	8 13	1 38	30 37	8 35	19 2	19 24	13 44		n.a.
S 29	2 5	8 20	3 21	12 34	2 56	13 41	1 1	24 3	1 39	1 26	1 10	20 7	1 5	20 41	0 4	8 13	1 38	30 37	8 35	19 3	19 25	13 42		n.a.
S 30	2 29	4 12	4 4	12 53	2 57	13 19	1 4	24 7	1 39	1 20	1 10	20 8	1 5	20 41	0 4	8 14	1 38	30 37	8 35	19 6	19 26	13 40		n.a.
M31	2n52	0s 9	4n37	13n 9	2n58	12s57	1s 7	24n12	1n39	1s15	1s10	20n 9	1s 4	20s41	0n 4	8n14	1n38	30n37	8n35	19n 8	19n26	13n39		n.a.

Julian Day Number = 1710524.5, Delta T = 03h00m58s
Ecliptic obliquity = 23°41'50, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°28'28, Lahiri = - 4°21'28 Julian Calendar 1 March 30 BCE == Greg. Calendar 27 Feb. 030 BCE

The year -29 astronomical counting style corresponds to year 030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 30 BCE
geocentric

APRIL 30 BCE (-29) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 25 26	8♈ 6'43	23♎15	27♈14	0♓17	13♊17	29♓48	4♊16	1°R45	13°R 2	20°R21	5°R 9	4♌ 3	0♍18	n.a.	T 1
W 2	12 29 23	9° 4'50	5♏44	27°44	1°28	13°50	0♈ 2	4°21	1♐44	13♍ 0	20♋21	4♌58	4° 0	0°24	n.a.	W 2
T 3	12 33 20	10° 2'54	18°24	28° 8	2°38	14°24	0°17	4°27	1°43	12°59	20°20	4°48	3°57	0°31	n.a.	T 3
F 4	12 37 16	11° 0'58	1♐15	28°27	3°49	14°58	0°31	4°33	1°42	12°57	20°20	4°40	3°54	0°38	n.a.	F 4
S 5	12 41 13	11°58'59	14°19	28°40	5° 0	15°32	0°45	4°38	1°41	12°56	20°D20	4°34	3°50	0°44	n.a.	S 5
S 6	12 45 9	12°57'00	27°38	28°48	6°10	16° 6	0°59	4°44	1°39	12°55	20°20	4°31	3°47	0°51	n.a.	S 6
M 7	12 49 6	13°54'59	11♑12	28°R51	7°21	16°40	1°13	4°50	1°38	12°53	20°20	4°D30	3°44	0°58	n.a.	M 7
T 8	12 53 2	14°52'56	25° 3	28°48	8°32	17°14	1°28	4°56	1°37	12°52	20°21	4°30	3°41	1° 4	n.a.	T 8
W 9	12 56 59	15°50'52	9♒11	28°41	9°43	17°48	1°42	5° 2	1°35	12°50	20°21	4°R31	3°38	1°11	n.a.	W 9
T 10	13 0 55	16°48'47	23°37	28°29	10°54	18°22	1°56	5° 8	1°34	12°49	20°21	4°29	3°34	1°18	n.a.	T 10
F 11	13 4 52	17°46'40	8♓17	28°12	12° 5	18°56	2°10	5°14	1°32	12°48	20°21	4°26	3°31	1°24	n.a.	F 11
S 12	13 8 49	18°44'32	23° 6	27°52	13°16	19°31	2°24	5°20	1°31	12°47	20°21	4°20	3°28	1°31	n.a.	S 12
S 13	13 12 45	19°42'23	7♈58	27°27	14°27	20° 5	2°38	5°27	1°29	12°45	20°21	4°11	3°25	1°38	n.a.	S 13
M14	13 16 42	20°40'12	22°43	27° 0	15°38	20°39	2°52	5°33	1°27	12°44	20°22	4° 1	3°22	1°44	n.a.	M14
T 15	13 20 38	21°37'59	7♉14	26°30	16°49	21°14	3° 6	5°39	1°26	12°43	20°22	3°50	3°19	1°51	n.a.	T 15
W16	13 24 35	22°35'45	21°24	25°57	18° 0	21°48	3°20	5°46	1°24	12°42	20°22	3°39	3°15	1°58	n.a.	W16
T 17	13 28 31	23°33'29	5♊ 8	25°23	19°11	22°23	3°34	5°52	1°22	12°41	20°22	3°30	3°12	2° 4	n.a.	T 17
F 18	13 32 28	24°31'12	18°25	24°48	20°22	22°57	3°48	5°59	1°21	12°39	20°23	3°23	3° 9	2°11	n.a.	F 18
S 19	13 36 24	25°28'53	1♋15	24°13	21°33	23°32	4° 2	6° 5	1°19	12°38	20°23	3°19	3° 6	2°18	n.a.	S 19
S 20	13 40 21	26°26'32	13°44	23°38	22°45	24° 7	4°15	6°12	1°17	12°37	20°24	3°17	3° 3	2°24	n.a.	S 20
M21	13 44 17	27°24'10	25°54	23° 4	23°56	24°41	4°29	6°19	1°15	12°36	20°24	3°17	3° 0	2°31	n.a.	M21
T 22	13 48 14	28°21'46	7♌51	22°31	25° 7	25°16	4°43	6°25	1°13	12°35	20°24	3°17	2°56	2°38	n.a.	T 22
W23	13 52 11	29°19'21	19°42	22° 0	26°19	25°51	4°56	6°32	1°11	12°34	20°25	3°16	2°53	2°44	n.a.	W23
T 24	13 56 7	0♉16'54	1♍30	21°32	27°30	26°26	5°10	6°39	1° 9	12°33	20°25	3°14	2°50	2°51	n.a.	T 24
F 25	14 0 4	1°14'25	13°20	21° 7	28°41	27° 1	5°24	6°46	1° 7	12°32	20°26	3° 9	2°47	2°58	n.a.	F 25
S 26	14 4 0	2°11'55	25°18	20°44	29°53	27°36	5°37	6°53	1° 5	12°31	20°27	3° 2	2°44	3° 4	n.a.	S 26
S 27	14 7 57	3° 9'24	7♎25	20°26	1♈ 4	28°11	5°51	7° 0	1° 3	12°30	20°27	2°52	2°40	3°11	n.a.	S 27
M28	14 11 53	4° 6'51	19°45	20°11	2°16	28°46	6° 4	7° 7	1° 1	12°29	20°28	2°40	2°37	3°18	n.a.	M28
T 29	14 15 50	5° 4'17	2♏18	20° 1	3°27	29°21	6°18	7°14	0°59	12°28	20°28	2°27	2°34	3°24	n.a.	T 29
W30	14 19 46	6♉ 1'42	15♏ 4	19♈55	4♈39	29♊56	6♈31	7♊21	0♐57	12♍28	20♋29	2♌14	2♌31	3♍31	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3n15	4s32	4n57	13n22	2n58	12s34	1s 9	24n16	1n38	1s 9	1s10	20n10	1s 4	20s40	0n 4	8n15	1n38	30n37	8n35	19n11	19n27	13n37		n.a.
W 2	3 38	8 49	5 3	13 31	2 56	12 11	1 12	24 20	1 38	1 3	1 10	20 12	1 4	20 40	0 4	8 15	1 38	30 37	8 35	19 14	19 28	13 35		n.a.
T 3	4 1	12 46	4 55	13 37	2 54	11 48	1 14	24 24	1 38	0 57	1 10	20 13	1 4	20 40	0 4	8 16	1 38	30 36	8 34	19 16	19 29	13 34		n.a.
F 4	4 24	16 12	4 32	13 41	2 50	11 24	1 16	24 27	1 38	0 52	1 10	20 14	1 4	20 40	0 4	8 17	1 38	30 36	8 34	19 18	19 29	13 32		n.a.
S 5	4 47	18 54	3 54	13 41	2 45	11 0	1 18	24 31	1 37	0 46	1 10	20 15	1 4	20 40	0 4	8 17	1 38	30 36	8 34	19 20	19 30	13 30		n.a.
S 6	5 10	20 38	3 3	13 38	2 39	10 35	1 21	24 34	1 37	0 40	1 10	20 17	1 3	20 39	0 4	8 18	1 38	30 36	8 34	19 20	19 31	13 29		n.a.
M 7	5 33	21 13	2 1	13 32	2 31	10 11	1 23	24 38	1 37	0 35	1 10	20 18	1 3	20 39	0 4	8 18	1 38	30 36	8 34	19 20	19 32	13 27		n.a.
T 8	5 55	20 32	0 50	13 23	2 22	9 46	1 24	24 41	1 37	0 29	1 10	20 19	1 3	20 39	0 4	8 19	1 38	30 36	8 34	19 20	19 32	13 25		n.a.
W 9	6 18	18 33	0s25	13 11	2 12	9 20	1 26	24 44	1 36	0 23	1 10	20 20	1 3	20 38	0 4	8 19	1 38	30 35	8 33	19 20	19 33	13 24		n.a.
T 10	6 41	15 21	1 40	12 56	2 1	8 55	1 28	24 47	1 36	0 18	1 10	20 22	1 3	20 38	0 4	8 20	1 38	30 35	8 33	19 21	19 34	13 22		n.a.
F 11	7 3	11 10	2 49	12 39	1 49	8 29	1 30	24 49	1 36	0 12	1 10	20 23	1 3	20 38	0 4	8 20	1 38	30 35	8 33	19 22	19 35	13 20		n.a.
S 12	7 25	6 14	3 48	12 19	1 36	8 3	1 31	24 52	1 36	0 7	1 10	20 24	1 2	20 38	0 4	8 21	1 38	30 35	8 33	19 23	19 35	13 19		n.a.
S 13	7 47	0 57	4 31	11 57	1 22	7 37	1 33	24 54	1 35	0 1	1 10	20 25	1 2	20 37	0 4	8 21	1 38	30 35	8 33	19 25	19 36	13 17		n.a.
M14	8 9	4n22	4 56	11 33	1 7	7 10	1 34	24 57	1 35	0n 5	1 10	20 27	1 2	20 37	0 4	8 21	1 38	30 34	8 33	19 28	19 37	13 15		n.a.
T 15	8 31	9 20	5 1	11 7	0 51	6 44	1 36	24 59	1 35	0 10	1 10	20 28	1 2	20 37	0 4	8 22	1 38	30 34	8 32	19 30	19 38	13 14		n.a.
W16	8 53	13 41	4 47	10 40	0 35	6 17	1 37	25 1	1 35	0 16	1 10	20 29	1 2	20 36	0 4	8 22	1 38	30 34	8 32	19 33	19 38	13 12		n.a.
T 17	9 15	17 10	4 17	10 12	0 18	5 50	1 38	25 3	1 34	0 21	1 10	20 30	1 2	20 36	0 4	8 23	1 38	30 34	8 32	19 35	19 39	13 10		n.a.
F 18	9 36	19 38	3 34	9 43	0 1	5 22	1 39	25 4	1 34	0 27	1 11	20 32	1 1	20 36	0 4	8 23	1 38	30 34	8 32	19 36	19 40	13 8		n.a.
S 19	9 57	21 0	2 41	9 14	0s16	4 55	1 40	25 6	1 34	0 32	1 11	20 33	1 1	20 35	0 4	8 24	1 38	30 33	8 32	19 37	19 41	13 7		n.a.
S 20	10 19	21 18	1 42	8 45	0 33	4 27	1 41	25 7	1 34	0 38	1 11	20 34	1 1	20 35	0 4	8 24	1 38	30 33	8 32	19 38	19 41	13 5		n.a.
M21	10 40	20 33	0 39	8 17	0 50	4 0	1 42	25 9	1 33	0 43	1 11	20 36	1 1	20 34	0 4	8 24	1 38	30 33	8 31	19 38	19 42	13 3		n.a.
T 22	11 0	18 53	0n24	7 49	1 7	3 32	1 43	25 10	1 33	0 49	1 11	20 37	1 1	20 34	0 4	8 25	1 38	30 33	8 31	19 38	19 43	13 2		n.a.
W23	11 21	16 26	1 26	7 22	1 23	3 4	1 44	25 11	1 33	0 54	1 11	20 38	1 1	20 34	0 4	8 25	1 38	30 32	8 31	19 38	19 43	13 0		n.a.
T 24	11 42	13 17	2 23	6 57	1 39	2 36	1 44	25 11	1 33	1 0	1 11	20 40	1 1	20 33	0 4	8 25	1 38	30 32	8 31	19 39	19 44	12 58		n.a.
F 25	12 2	9 37	3 15	6 34	1 54	2 7	1 45	25 12	1 32	1 5	1 11	20 41	1 0	20 33	0 4	8 26	1 38	30 32	8 31	19 40	19 45	12 56		n.a.
S 26	12 22	5 32	3 58	6 13	2 8	1 39	1 45	25 12	1 32	1 10	1 11	20 42	1 0	20 32	0 4	8 26	1 38	30 32	8 31	19 41	19 46	12 55		n.a.
S 27	12 42	1 11	4 32	5 54	2 21	1 11	1 45	25 13	1 32	1 16	1 11	20 44	1 0	20 32	0 4	8 26	1 38	30 31	8 30	19 44	19 46	12 53		n.a.
M28	13 2	3s18	4 53	5 37	2 33	0 42	1 46	25 13	1 31	1 21	1 11	20 45	1 0	20 32	0 4	8 27	1 38	30 31	8 30	19 47	19 47	12 51		n.a.
T 29	13 21	7 42	5 0	5 22	2 44	0 14	1 46	25 13	1 31	1 26	1 11	20 46	1 0	20 31	0 4	8 27	1 38	30 31	8 30	19 50	19 48	12 49		n.a.
W30	13n40	11s52	4n53	5n11	2s54	0n15	1s46	25n13	1n31	1n32	1s11	20n47	1s 0	20s31	0n 3	8n27	1n38	30n31	8n30	19n53	19n49	12n48		n.a.

Julian Day Number = 1710555.5, Delta T = 03h00m57s
Ecliptic obliquity = 23°41'50, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°28'24, Lahiri = - 4°21'24 Julian Calendar 1 Apr. 30 BCE == Greg. Calendar 30 March 030 BCE

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ASTRODIENST EPHEMERIS for the year 30 BCE
geocentric

MAY 30 BCE (-29) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 23 43	6♉59'06	28♏ 2	19°D53	5♈50	0♋31	6♈44	7♊28	0°R55	12°R27	20♋30	2°R 2	2♌28	3♍38	n.a.	T 1
F 2	14 27 40	7°56'29	11♐13	19♈56	7° 2	1° 7	6°58	7°35	0♐53	12♍26	20°31	1♌53	2°25	3°44	n.a.	F 2
S 3	14 31 36	8°53'51	24°35	20° 3	8°14	1°42	7°11	7°42	0°50	12°25	20°31	1°46	2°21	3°51	n.a.	S 3
S 4	14 35 33	9°51'13	8♑ 7	20°15	9°25	2°17	7°24	7°50	0°48	12°25	20°32	1°42	2°18	3°58	n.a.	S 4
M 5	14 39 29	10°48'33	21°50	20°31	10°37	2°52	7°37	7°57	0°46	12°24	20°33	1°41	2°15	4° 4	n.a.	M 5
T 6	14 43 26	11°45'53	5♒43	20°52	11°49	3°28	7°50	8° 4	0°44	12°23	20°34	1°41	2°12	4°11	n.a.	T 6
W 7	14 47 22	12°43'13	19°46	21°17	13° 1	4° 3	8° 3	8°11	0°41	12°23	20°35	1°41	2° 9	4°18	n.a.	W 7
T 8	14 51 19	13°40'31	3♓59	21°46	14°13	4°39	8°16	8°19	0°39	12°22	20°35	1°39	2° 6	4°24	n.a.	T 8
F 9	14 55 15	14°37'50	18°20	22°20	15°24	5°14	8°29	8°26	0°37	12°21	20°36	1°36	2° 2	4°31	n.a.	F 9
S 10	14 59 12	15°35'07	2♈47	22°57	16°36	5°50	8°42	8°34	0°35	12°21	20°37	1°30	1°59	4°38	n.a.	S 10
S 11	15 3 9	16°32'24	17°14	23°39	17°48	6°25	8°55	8°41	0°32	12°20	20°38	1°22	1°56	4°44	n.a.	S 11
M12	15 7 5	17°29'41	1♉36	24°24	19° 0	7° 1	9° 7	8°49	0°30	12°20	20°39	1°12	1°53	4°51	n.a.	M12
T 13	15 11 2	18°26'56	15°47	25°14	20°12	7°37	9°20	8°56	0°27	12°19	20°40	1° 1	1°50	4°58	n.a.	T 13
W14	15 14 58	19°24'12	29°41	26° 7	21°24	8°13	9°33	9° 4	0°25	12°19	20°41	0°50	1°46	5° 4	n.a.	W14
T 15	15 18 55	20°21'26	13♊14	27° 4	22°36	8°48	9°45	9°11	0°23	12°19	20°42	0°41	1°43	5°11	n.a.	T 15
F 16	15 22 51	21°18'40	26°25	28° 5	23°48	9°24	9°57	9°19	0°20	12°18	20°43	0°34	1°40	5°18	n.a.	F 16
S 17	15 26 48	22°15'53	9♋13	29° 9	25° 0	10° 0	10°10	9°26	0°18	12°18	20°44	0°30	1°37	5°24	n.a.	S 17
S 18	15 30 45	23°13'05	21°41	0♌16	26°12	10°36	10°22	9°34	0°15	12°17	20°46	0°28	1°34	5°31	n.a.	S 18
M19	15 34 41	24°10'17	3♌52	1°27	27°24	11°12	10°34	9°42	0°13	12°17	20°47	0°D28	1°31	5°38	n.a.	M19
T 20	15 38 38	25° 7'27	15°50	2°42	28°37	11°48	10°46	9°49	0°11	12°17	20°48	0°28	1°27	5°44	n.a.	T 20
W21	15 42 34	26° 4'37	27°42	3°59	29°49	12°24	10°59	9°57	0° 8	12°17	20°49	0°R29	1°24	5°51	n.a.	W21
T 22	15 46 31	27° 1'46	9♍32	5°20	1♌ 1	13° 0	11°11	10° 5	0° 6	12°17	20°50	0°28	1°21	5°58	n.a.	T 22
F 23	15 50 27	27°58'55	21°25	6°45	2°13	13°36	11°22	10°13	0° 3	12°16	20°51	0°25	1°18	6° 4	n.a.	F 23
S 24	15 54 24	28°56'03	3♎26	8°12	3°25	14°12	11°34	10°20	0° 1	12°16	20°53	0°20	1°15	6°11	n.a.	S 24
S 25	15 58 20	29°53'10	15°40	9°43	4°38	14°48	11°46	10°28	29♏58	12°16	20°54	0°13	1°11	6°18	n.a.	S 25
M26	16 2 17	0♊50'17	28° 8	11°17	5°50	15°24	11°58	10°36	29°56	12°16	20°55	0° 4	1° 8	6°24	n.a.	M26
T 27	16 6 14	1°47'23	10♏54	12°54	7° 2	16° 1	12° 9	10°44	29°53	12°D16	20°57	29♋54	1° 5	6°31	n.a.	T 27
W28	16 10 10	2°44'30	23°56	14°34	8°15	16°37	12°21	10°51	29°51	12°16	20°58	29°44	1° 2	6°38	n.a.	W28
T 29	16 14 7	3°41'36	7♐15	16°17	9°27	17°13	12°32	10°59	29°49	12°16	20°59	29°36	0°59	6°44	n.a.	T 29
F 30	16 18 3	4°38'41	20°49	18° 3	10°39	17°49	12°43	11° 7	29°46	12°16	21° 1	29°29	0°56	6°51	n.a.	F 30
S 31	16 22 0	5♊35'47	4♑34	19♌52	11♌52	18♋26	12♈55	11♊15	29♏44	12♍16	21♋ 2	29♋24	0♌52	6♍58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	14n 0	15s33	4n30	5n 2	3s 3	0n43	1s46	25n12	1n31	1n37	1s11	20n49	1s 0	20s30	0n 3	8n28	1n37	30n30	8n30	19n55	19n49	12n46			n.a.
F 2	14 18	18 31	3 53	4 55	3 11	1 12	1 46	25 12	1 30	1 42	1 11	20 50	0 59	20 30	0 3	8 28	1 37	30 30	8 30	19 57	19 50	12 44			n.a.
S 3	14 37	20 33	3 3	4 52	3 18	1 41	1 46	25 11	1 30	1 47	1 11	20 51	0 59	20 29	0 3	8 28	1 37	30 30	8 30	19 59	19 51	12 42			n.a.
S 4	14 55	21 26	2 1	4 51	3 24	2 9	1 46	25 10	1 30	1 52	1 11	20 53	0 59	20 29	0 3	8 28	1 37	30 30	8 29	20 0	19 52	12 41			n.a.
M 5	15 14	21 3	0 52	4 53	3 29	2 38	1 45	25 9	1 29	1 58	1 12	20 54	0 59	20 28	0 3	8 29	1 37	30 29	8 29	20 0	19 52	12 39			n.a.
T 6	15 32	19 23	0s21	4 57	3 33	3 7	1 45	25 8	1 29	2 3	1 12	20 55	0 59	20 28	0 3	8 29	1 37	30 29	8 29	20 0	19 53	12 37			n.a.
W 7	15 49	16 32	1 34	5 4	3 35	3 35	1 45	25 7	1 29	2 8	1 12	20 57	0 59	20 28	0 3	8 29	1 37	30 29	8 29	20 0	19 54	12 35			n.a.
T 8	16 7	12 40	2 42	5 13	3 37	4 4	1 44	25 5	1 29	2 13	1 12	20 58	0 59	20 27	0 3	8 29	1 37	30 28	8 29	20 0	19 54	12 34			n.a.
F 9	16 24	8 2	3 40	5 25	3 38	4 32	1 44	25 4	1 28	2 18	1 12	20 59	0 59	20 27	0 3	8 29	1 37	30 28	8 29	20 1	19 55	12 32			n.a.
S 10	16 41	2 56	4 25	5 39	3 38	5 1	1 43	25 2	1 28	2 23	1 12	21 0	0 58	20 26	0 3	8 30	1 37	30 28	8 28	20 2	19 56	12 30			n.a.
S 11	16 58	2n20	4 53	5 55	3 37	5 29	1 42	25 0	1 28	2 28	1 12	21 2	0 58	20 26	0 3	8 30	1 37	30 28	8 28	20 4	19 57	12 28			n.a.
M12	17 14	7 27	5 2	6 14	3 35	5 57	1 41	24 58	1 27	2 33	1 12	21 3	0 58	20 25	0 3	8 30	1 37	30 27	8 28	20 6	19 57	12 26			n.a.
T 13	17 30	12 5	4 52	6 35	3 32	6 26	1 41	24 55	1 27	2 38	1 12	21 4	0 58	20 25	0 3	8 30	1 37	30 27	8 28	20 9	19 58	12 25			n.a.
W14	17 46	15 59	4 25	6 57	3 29	6 54	1 40	24 53	1 27	2 43	1 12	21 6	0 58	20 24	0 3	8 30	1 37	30 27	8 28	20 11	19 59	12 23			n.a.
T 15	18 2	18 56	3 43	7 22	3 24	7 22	1 39	24 50	1 26	2 48	1 12	21 7	0 58	20 24	0 3	8 30	1 37	30 26	8 28	20 13	19 59	12 21			n.a.
F 16	18 17	20 48	2 51	7 48	3 20	7 49	1 38	24 48	1 26	2 52	1 13	21 8	0 58	20 23	0 3	8 30	1 37	30 26	8 28	20 15	20 0	12 19			n.a.
S 17	18 32	21 32	1 51	8 16	3 14	8 17	1 37	24 45	1 26	2 57	1 13	21 9	0 58	20 23	0 3	8 31	1 37	30 26	8 28	20 16	20 1	12 17			n.a.
S 18	18 47	21 10	0 47	8 46	3 8	8 45	1 35	24 41	1 26	3 2	1 13	21 11	0 57	20 22	0 3	8 31	1 37	30 25	8 27	20 16	20 2	12 16			n.a.
M19	19 1	19 47	0n18	9 17	3 1	9 12	1 34	24 38	1 25	3 7	1 13	21 12	0 57	20 22	0 3	8 31	1 37	30 25	8 27	20 16	20 2	12 14			n.a.
T 20	19 15	17 33	1 21	9 50	2 53	9 39	1 33	24 35	1 25	3 11	1 13	21 13	0 57	20 21	0 3	8 31	1 37	30 25	8 27	20 16	20 3	12 12			n.a.
W21	19 29	14 35	2 20	10 24	2 45	10 6	1 31	24 31	1 25	3 16	1 13	21 14	0 57	20 21	0 3	8 31	1 37	30 24	8 27	20 16	20 4	12 10			n.a.
T 22	19 42	11 3	3 13	10 59	2 37	10 33	1 30	24 27	1 24	3 21	1 13	21 16	0 57	20 20	0 3	8 31	1 37	30 24	8 27	20 16	20 4	12 8			n.a.
F 23	19 55	7 4	3 57	11 35	2 28	10 59	1 29	24 23	1 24	3 25	1 13	21 17	0 57	20 20	0 3	8 31	1 37	30 24	8 27	20 17	20 5	12 6			n.a.
S 24	20 8	2 46	4 32	12 13	2 18	11 26	1 27	24 19	1 24	3 30	1 13	21 18	0 57	20 19	0 3	8 31	1 37	30 24	8 27	20 18	20 6	12 5			n.a.
S 25	20 21	1s42	4 55	12 51	2 8	11 52	1 25	24 15	1 23	3 34	1 14	21 19	0 57	20 19	0 3	8 31	1 36	30 23	8 27	20 19	20 7	12 3			n.a.
M26	20 33	6 11	5 4	13 31	1 58	12 18	1 24	24 10	1 23	3 39	1 14	21 21	0 57	20 18	0 3	8 31	1 36	30 23	8 26	20 21	20 7	12 1			n.a.
T 27	20 45	10 31	4 59	14 11	1 47	12 43	1 22	24 6	1 23	3 43	1 14	21 22	0 57	20 18	0 3	8 31	1 36	30 23	8 26	20 23	20 8	11 59			n.a.
W28	20 56	14 28	4 38	14 51	1 36	13 8	1 20	24 1	1 22	3 48	1 14	21 23	0 56	20 17	0 3	8 31	1 36	30 22	8 26	20 25	20 9	11 57			n.a.
T 29	21 7	17 47	4 2	15 32	1 25	13 33	1 18	23 56	1 22	3 52	1 14	21 24	0 56	20 17	0 3	8 31	1 36	30 22	8 26	20 27	20 9	11 55			n.a.
F 30	21 18	20 11	3 11	16 13	1 14	13 58	1 17	23 51	1 22	3 56	1 14	21 25	0 56	20 16	0 3	8 31	1 36	30 22	8 26	20 29	20 10	11 54			n.a.
S 31	21n28	21s28	2n 9	16n54	1s 2	14n22	1s15	23n45	1n21	4n 1	1s14	21n27	0s56	20s15	0n 3	8n30	1n36	30n21	8n26	20n30	20n11	11n52			n.a.

Julian Day Number = 1710585.5, Delta T = 03h00m56s
Ecliptic obliquity = 23°41'50, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°28'20, Lahiri = - 4°21'20 Julian Calendar 1 May 30 BCE == Greg. Calendar 29 Apr. 030 BCE

The year -29 astronomical counting style corresponds to year 030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 30 BCE
geocentric

JUNE 30 BCE (-29) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 25 56	6♊32'53	18♉29	21♋44	13♋ 4	19♌ 2	13♈ 6	11♊23	29°R41	12♍17	21♌ 3	29°R21	0♏49	7♍ 4	n.a.	S 1
M 2	16 29 53	7°29'59	2♒30	23°38	14°17	19°39	13°17	11°31	29♏39	12°17	21° 5	29°D21	0°46	7°11	n.a.	M 2
T 3	16 33 49	8°27'05	16°36	25°35	15°29	20°15	13°28	11°38	29°36	12°17	21° 6	29♌22	0°43	7°18	n.a.	T 3
W 4	16 37 46	9°24'12	0♓45	27°34	16°42	20°52	13°39	11°46	29°34	12°17	21° 8	29°23	0°40	7°24	n.a.	W 4
T 5	16 41 43	10°21'19	14°56	29°36	17°55	21°28	13°50	11°54	29°32	12°17	21° 9	29°R23	0°37	7°31	n.a.	T 5
F 6	16 45 39	11°18'26	29° 6	1♊39	19° 7	22° 5	14° 0	12° 2	29°29	12°18	21°11	29°21	0°33	7°38	n.a.	F 6
S 7	16 49 36	12°15'33	13♈14	3°44	20°20	22°42	14°11	12°10	29°27	12°18	21°12	29°18	0°30	7°45	n.a.	S 7
S 8	16 53 32	13°12'41	27°17	5°51	21°33	23°18	14°21	12°18	29°24	12°18	21°14	29°13	0°27	7°51	n.a.	S 8
M 9	16 57 29	14° 9'49	11♉13	7°59	22°45	23°55	14°32	12°25	29°22	12°19	21°15	29° 7	0°24	7°58	n.a.	M 9
T 10	17 1 25	15° 6'58	24°58	10° 7	23°58	24°32	14°42	12°33	29°20	12°19	21°17	28°59	0°21	8° 5	n.a.	T 10
W11	17 5 22	16° 4'07	8♊28	12°16	25°11	25° 9	14°52	12°41	29°17	12°20	21°18	28°53	0°17	8°11	n.a.	W11
T 12	17 9 18	17° 1'17	21°42	14°26	26°24	25°45	15° 2	12°49	29°15	12°20	21°20	28°47	0°14	8°18	n.a.	T 12
F 13	17 13 15	17°58'26	4♌39	16°35	27°36	26°22	15°12	12°57	29°13	12°21	21°21	28°42	0°11	8°25	n.a.	F 13
S 14	17 17 12	18°55'36	17°17	18°44	28°49	26°59	15°22	13° 5	29°11	12°21	21°23	28°40	0° 8	8°31	n.a.	S 14
S 15	17 21 8	19°52'47	29°39	20°53	0♊ 2	27°36	15°31	13°12	29° 8	12°22	21°25	28°D39	0° 5	8°38	n.a.	S 15
M16	17 25 5	20°49'57	11♏47	23° 1	1°15	28°13	15°41	13°20	29° 6	12°23	21°26	28°40	0° 2	8°45	n.a.	M16
T 17	17 29 1	21°47'08	23°45	25° 8	2°28	28°50	15°51	13°28	29° 4	12°23	21°28	28°42	29♌58	8°51	n.a.	T 17
W18	17 32 58	22°44'18	5♍37	27°14	3°41	29°27	16° 0	13°36	29° 2	12°24	21°30	28°43	29°55	8°58	n.a.	W18
T 19	17 36 54	23°41'29	17°27	29°18	4°54	0♏ 4	16° 9	13°44	29° 0	12°25	21°31	28°44	29°52	9° 5	n.a.	T 19
F 20	17 40 51	24°38'41	29°21	1♌22	6° 7	0°41	16°18	13°51	28°58	12°25	21°33	28°R44	29°49	9°11	n.a.	F 20
S 21	17 44 47	25°35'52	11♎23	3°23	7°20	1°19	16°27	13°59	28°55	12°26	21°35	28°43	29°46	9°18	n.a.	S 21
S 22	17 48 44	26°33'04	23°39	5°24	8°33	1°56	16°36	14° 7	28°53	12°27	21°36	28°41	29°43	9°25	n.a.	S 22
M23	17 52 41	27°30'17	6♏12	7°22	9°47	2°33	16°45	14°15	28°51	12°28	21°38	28°37	29°39	9°31	n.a.	M23
T 24	17 56 37	28°27'30	19° 4	9°19	11° 0	3°10	16°53	14°22	28°49	12°29	21°40	28°32	29°36	9°38	n.a.	T 24
W25	18 0 34	29°24'43	2♐17	11°15	12°13	3°48	17° 2	14°30	28°47	12°30	21°42	28°28	29°33	9°45	n.a.	W25
T 26	18 4 30	0♌21'57	15°52	13° 8	13°26	4°25	17°10	14°38	28°45	12°30	21°43	28°24	29°30	9°51	n.a.	T 26
F 27	18 8 27	1°19'12	29°45	15° 0	14°39	5° 2	17°18	14°45	28°43	12°31	21°45	28°21	29°27	9°58	n.a.	F 27
S 28	18 12 23	2°16'27	13♑55	16°50	15°53	5°40	17°26	14°53	28°41	12°32	21°47	28°19	29°23	10° 5	n.a.	S 28
S 29	18 16 20	3°13'44	28°15	18°39	17° 6	6°17	17°34	15° 1	28°40	12°33	21°49	28°D18	29°20	10°11	n.a.	S 29
M30	18 20 17	4♌11'01	12♒42	20♌26	18♊19	6♏55	17♈42	15♊ 8	28♏38	12♍34	21♌51	28♌19	29♌17	10♍18	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n38	21s27	0n58	17n35	0s50	14n46	1s13	23n40	1n21	4n 5	1s14	21n28	0s56	20s15	0n 3	8n30	1n36	30n21	8n26	20n30	20n11	11n50		n.a.
M 2	21 48	20 5	0s17	18 16	0 39	15 10	1 11	23 34	1 21	4 9	1 15	21 29	0 56	20 14	0 3	8 30	1 36	30 21	8 26	20 30	20 12	11 48		n.a.
T 3	21 57	17 29	1 32	18 56	0 27	15 33	1 9	23 29	1 20	4 13	1 15	21 30	0 56	20 14	0 3	8 30	1 36	30 20	8 26	20 30	20 13	11 46		n.a.
W 4	22 6	13 50	2 41	19 35	0 15	15 56	1 7	23 23	1 20	4 18	1 15	21 31	0 56	20 13	0 3	8 30	1 36	30 20	8 26	20 30	20 14	11 44		n.a.
T 5	22 14	9 23	3 41	20 13	0 4	16 19	1 5	23 16	1 20	4 22	1 15	21 32	0 56	20 13	0 3	8 30	1 36	30 20	8 25	20 30	20 14	11 42		n.a.
F 6	22 23	4 26	4 27	20 50	0n 7	16 41	1 3	23 10	1 19	4 26	1 15	21 33	0 56	20 12	0 3	8 30	1 36	30 19	8 25	20 30	20 15	11 41		n.a.
S 7	22 30	0n44	4 56	21 25	0 18	17 3	1 0	23 4	1 19	4 30	1 15	21 35	0 56	20 12	0 3	8 30	1 36	30 19	8 25	20 31	20 16	11 39		n.a.
S 8	22 38	5 50	5 8	21 59	0 28	17 25	0 58	22 57	1 19	4 34	1 15	21 36	0 55	20 11	0 3	8 29	1 36	30 19	8 25	20 32	20 16	11 37		n.a.
M 9	22 45	10 35	5 1	22 30	0 38	17 45	0 56	22 50	1 18	4 38	1 16	21 37	0 55	20 11	0 3	8 29	1 36	30 18	8 25	20 33	20 17	11 35		n.a.
T 10	22 51	14 43	4 37	23 0	0 48	18 6	0 54	22 44	1 18	4 41	1 16	21 38	0 55	20 10	0 3	8 29	1 36	30 18	8 25	20 35	20 18	11 33		n.a.
W11	22 58	18 2	3 58	23 27	0 57	18 26	0 51	22 36	1 18	4 45	1 16	21 39	0 55	20 10	0 3	8 29	1 36	30 18	8 25	20 36	20 18	11 31		n.a.
T 12	23 3	20 20	3 7	23 51	1 5	18 46	0 49	22 29	1 17	4 49	1 16	21 40	0 55	20 9	0 3	8 28	1 36	30 17	8 25	20 38	20 19	11 29		n.a.
F 13	23 9	21 30	2 7	24 13	1 13	19 5	0 47	22 22	1 17	4 53	1 16	21 41	0 55	20 9	0 3	8 28	1 36	30 17	8 25	20 38	20 20	11 27		n.a.
S 14	23 14	21 33	1 1	24 33	1 20	19 24	0 44	22 14	1 17	4 56	1 16	21 42	0 55	20 8	0 3	8 28	1 36	30 17	8 25	20 39	20 20	11 25		n.a.
S 15	23 18	20 32	0n 5	24 49	1 26	19 42	0 42	22 7	1 16	5 0	1 17	21 43	0 55	20 8	0 3	8 28	1 36	30 16	8 25	20 39	20 21	11 23		n.a.
M16	23 23	18 34	1 11	25 2	1 32	19 59	0 39	21 59	1 16	5 4	1 17	21 44	0 55	20 7	0 3	8 27	1 35	30 16	8 25	20 39	20 22	11 22		n.a.
T 17	23 26	15 50	2 13	25 13	1 37	20 16	0 37	21 51	1 16	5 7	1 17	21 45	0 55	20 7	0 3	8 27	1 35	30 16	8 25	20 39	20 22	11 20		n.a.
W18	23 30	12 28	3 8	25 21	1 41	20 33	0 35	21 43	1 15	5 11	1 17	21 46	0 55	20 7	0 3	8 27	1 35	30 15	8 25	20 38	20 23	11 18		n.a.
T 19	23 33	8 37	3 55	25 26	1 44	20 49	0 32	21 34	1 15	5 14	1 17	21 47	0 55	20 6	0 3	8 26	1 35	30 15	8 25	20 38	20 24	11 16		n.a.
F 20	23 35	4 25	4 33	25 29	1 47	21 4	0 30	21 26	1 14	5 17	1 17	21 48	0 55	20 6	0 3	8 26	1 35	30 15	8 25	20 38	20 24	11 14		n.a.
S 21	23 37	0 1	4 59	25 28	1 49	21 19	0 27	21 17	1 14	5 21	1 18	21 49	0 54	20 5	0 3	8 26	1 35	30 14	8 25	20 38	20 25	11 12		n.a.
S 22	23 39	4s27	5 11	25 26	1 51	21 34	0 25	21 8	1 14	5 24	1 18	21 50	0 54	20 5	0 3	8 25	1 35	30 14	8 25	20 39	20 26	11 10		n.a.
M23	23 40	8 51	5 10	25 20	1 51	21 47	0 22	21 0	1 13	5 27	1 18	21 51	0 54	20 4	0 3	8 25	1 35	30 14	8 25	20 40	20 27	11 8		n.a.
T 24	23 41	12 59	4 53	25 13	1 51	22 1	0 20	20 50	1 13	5 30	1 18	21 52	0 54	20 4	0 3	8 25	1 35	30 13	8 25	20 40	20 27	11 6		n.a.
W25	23 42	16 35	4 20	25 3	1 51	22 13	0 17	20 41	1 13	5 33	1 18	21 53	0 54	20 3	0 3	8 24	1 35	30 13	8 24	20 41	20 28	11 4		n.a.
T 26	23 42	19 25	3 32	24 51	1 50	22 25	0 15	20 32	1 12	5 36	1 19	21 54	0 54	20 3	0 3	8 24	1 35	30 13	8 24	20 42	20 29	11 2		n.a.
F 27	23 41	21 11	2 30	24 38	1 48	22 36	0 12	20 22	1 12	5 39	1 19	21 55	0 54	20 3	0 3	8 24	1 35	30 13	8 24	20 43	20 29	11 0		n.a.
S 28	23 41	21 40	1 18	24 22	1 45	22 47	0 10	20 13	1 12	5 42	1 19	21 56	0 54	20 2	0 3	8 23	1 35	30 12	8 24	20 43	20 30	10 58		n.a.
S 29	23 39	20 44	0 0	24 5	1 43	22 57	0 7	20 3	1 11	5 45	1 19	21 57	0 54	20 2	0 3	8 23	1 35	30 12	8 24	20 43	20 31	10 56		n.a.
M30	23n38	18s26	1s18	23n46	1n39	23n 6	0s 5	19n53	1n11	5n48	1s19	21n58	0s54	20s 1	0n 3	8n22	1n35	30n12	8n24	20n43	20n31	10n55		n.a.

Julian Day Number = 1710616.5, Delta T = 03h00m55s
Ecliptic obliquity = 23°41'50, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°28'16, Lahiri = - 4°21'15 Julian Calendar 1 June 30 BCE == Greg. Calendar 30 May 030 BCE

The year -29 astronomical counting style corresponds to year 030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 30 BCE
geocentric

JULY 30 BCE (-29) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 24 13	5♋ 8'20	27♒11	22♋11	19♊33	7♌32	17♈50	15♊16	28°R36	12♍36	21♋52	28♋20	29♋14	10♍25	n.a.	T 1
W 2	18 28 10	6° 5'39	11♓36	23°54	20°46	8°10	17°57	15°23	28♏34	12°37	21°54	28°21	29°11	10°31	n.a.	W 2
T 3	18 32 6	7° 3'00	25°54	25°36	22° 0	8°48	18° 5	15°31	28°32	12°38	21°56	28°22	29° 8	10°38	n.a.	T 3
F 4	18 36 3	8° 0'22	10♈ 4	27°16	23°13	9°25	18°12	15°38	28°31	12°39	21°58	28°R22	29° 4	10°45	n.a.	F 4
S 5	18 39 59	8°57'45	24° 3	28°54	24°27	10° 3	18°19	15°46	28°29	12°40	22° 0	28°22	29° 1	10°51	n.a.	S 5
S 6	18 43 56	9°55'10	7♉49	0♌31	25°40	10°41	18°26	15°53	28°27	12°41	22° 1	28°20	28°58	10°58	n.a.	S 6
M 7	18 47 52	10°52'36	21°23	2° 6	26°54	11°18	18°33	16° 0	28°26	12°43	22° 3	28°18	28°55	11° 5	n.a.	M 7
T 8	18 51 49	11°50'03	4♊42	3°40	28° 7	11°56	18°39	16° 8	28°24	12°44	22° 5	28°16	28°52	11°12	n.a.	T 8
W 9	18 55 46	12°47'32	17°48	5°12	29°21	12°34	18°46	16°15	28°23	12°45	22° 7	28°14	28°49	11°18	n.a.	W 9
T 10	18 59 42	13°45'02	0♋40	6°42	0♋35	13°12	18°52	16°22	28°21	12°46	22° 9	28°12	28°45	11°25	n.a.	T 10
F 11	19 3 39	14°42'34	13°17	8°10	1°48	13°50	18°58	16°30	28°20	12°48	22°11	28°11	28°42	11°32	n.a.	F 11
S 12	19 7 35	15°40'06	25°42	9°37	3° 2	14°28	19° 4	16°37	28°18	12°49	22°13	28°D10	28°39	11°38	n.a.	S 12
S 13	19 11 32	16°37'40	7♌54	11° 2	4°16	15° 6	19°10	16°44	28°17	12°51	22°14	28°11	28°36	11°45	n.a.	S 13
M14	19 15 28	17°35'15	19°57	12°25	5°30	15°44	19°16	16°51	28°16	12°52	22°16	28°11	28°33	11°52	n.a.	M14
T 15	19 19 25	18°32'51	1♍51	13°46	6°44	16°22	19°21	16°58	28°14	12°54	22°18	28°12	28°29	11°58	n.a.	T 15
W16	19 23 21	19°30'28	13°42	15° 6	7°58	17° 0	19°27	17° 5	28°13	12°55	22°20	28°13	28°26	12° 5	n.a.	W16
T 17	19 27 18	20°28'06	25°32	16°24	9°11	17°39	19°32	17°12	28°12	12°56	22°22	28°14	28°23	12°12	n.a.	T 17
F 18	19 31 15	21°25'45	7♎25	17°39	10°25	18°17	19°37	17°19	28°11	12°58	22°24	28°14	28°20	12°18	n.a.	F 18
S 19	19 35 11	22°23'26	19°26	18°53	11°39	18°55	19°42	17°26	28°10	13° 0	22°26	28°R15	28°17	12°25	n.a.	S 19
S 20	19 39 8	23°21'07	1♏40	20° 5	12°53	19°33	19°46	17°33	28° 9	13° 1	22°27	28°15	28°14	12°32	n.a.	S 20
M21	19 43 4	24°18'50	14°11	21°15	14° 7	20°12	19°51	17°40	28° 8	13° 3	22°29	28°14	28°10	12°38	n.a.	M21
T 22	19 47 1	25°16'34	27° 3	22°22	15°21	20°50	19°55	17°47	28° 7	13° 4	22°31	28°14	28° 7	12°45	n.a.	T 22
W23	19 50 57	26°14'20	10♐19	23°27	16°35	21°29	19°59	17°54	28° 6	13° 6	22°33	28°14	28° 4	12°52	n.a.	W23
T 24	19 54 54	27°12'07	23°59	24°30	17°50	22° 7	20° 3	18° 0	28° 5	13° 8	22°35	28°14	28° 1	12°58	n.a.	T 24
F 25	19 58 50	28° 9'55	8♑ 4	25°30	19° 4	22°46	20° 7	18° 7	28° 4	13° 9	22°37	28°D14	27°58	13° 5	n.a.	F 25
S 26	20 2 47	29° 7'44	22°30	26°27	20°18	23°24	20°10	18°14	28° 3	13°11	22°39	28°R14	27°55	13°12	n.a.	S 26
S 27	20 6 44	0♌ 5'36	7♒12	27°22	21°32	24° 3	20°14	18°20	28° 3	13°13	22°41	28°14	27°51	13°19	n.a.	S 27
M28	20 10 40	1° 3'29	22° 4	28°13	22°46	24°41	20°17	18°27	28° 2	13°15	22°42	28°13	27°48	13°25	n.a.	M28
T 29	20 14 37	2° 1'23	6♓58	29° 2	24° 1	25°20	20°20	18°33	28° 1	13°16	22°44	28°13	27°45	13°32	n.a.	T 29
W30	20 18 33	2°59'19	21°46	29°47	25°15	25°59	20°23	18°39	28° 1	13°18	22°46	28°13	27°42	13°39	n.a.	W30
T 31	20 22 30	3♌57'18	6♈22	0♍28	26♋29	26♌38	20♈26	18♊46	28♏ 0	13♍20	22♋48	28♋12	27♋39	13♍45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n36	14s58	2s32	23n25	1n35	23n15	0s 2	19n43	1n10	5n51	1s20	21n59	0s54	20s 1	0n 3	8n22	1n35	30n11	8n24	20n43	20n32	10n53			n.a.
W 2	23 33	10 37	3 36	23 3	1 31	23 23	0n 0	19 33	1 10	5 53	1 20	22 0	0 54	20 1	0 3	8 21	1 35	30 11	8 24	20 43	20 33	10 51			n.a.
T 3	23 30	5 43	4 26	22 40	1 26	23 30	0 3	19 22	1 10	5 56	1 20	22 1	0 54	20 0	0 3	8 21	1 35	30 11	8 24	20 43	20 33	10 49			n.a.
F 4	23 27	0 33	5 0	22 15	1 21	23 37	0 5	19 12	1 9	5 59	1 20	22 1	0 54	20 0	0 3	8 20	1 35	30 10	8 24	20 43	20 34	10 47			n.a.
S 5	23 23	4n33	5 15	21 50	1 15	23 43	0 8	19 1	1 9	6 1	1 20	22 2	0 54	19 59	0 3	8 20	1 35	30 10	8 25	20 43	20 35	10 45			n.a.
S 6	23 19	9 22	5 11	21 23	1 9	23 48	0 10	18 51	1 8	6 4	1 21	22 3	0 54	19 59	0 3	8 19	1 35	30 10	8 25	20 43	20 35	10 43			n.a.
M 7	23 15	13 38	4 50	20 55	1 3	23 52	0 13	18 40	1 8	6 6	1 21	22 4	0 54	19 59	0 3	8 19	1 35	30 10	8 25	20 43	20 36	10 41			n.a.
T 8	23 10	17 9	4 14	20 27	0 56	23 56	0 15	18 29	1 8	6 8	1 21	22 5	0 54	19 58	0 3	8 18	1 35	30 9	8 25	20 44	20 37	10 39			n.a.
W 9	23 4	19 44	3 25	19 58	0 49	23 59	0 18	18 17	1 7	6 11	1 21	22 5	0 54	19 58	0 3	8 18	1 35	30 9	8 25	20 44	20 37	10 37			n.a.
T 10	22 59	21 15	2 26	19 28	0 42	24 2	0 20	18 6	1 7	6 13	1 21	22 6	0 53	19 58	0 3	8 17	1 34	30 9	8 25	20 45	20 38	10 35			n.a.
F 11	22 53	21 40	1 22	18 58	0 34	24 3	0 22	17 55	1 6	6 15	1 22	22 7	0 53	19 57	0 3	8 17	1 34	30 8	8 25	20 45	20 38	10 33			n.a.
S 12	22 46	21 0	0 14	18 27	0 26	24 4	0 25	17 43	1 6	6 17	1 22	22 8	0 53	19 57	0 3	8 16	1 34	30 8	8 25	20 45	20 39	10 31			n.a.
S 13	22 39	19 21	0n54	17 56	0 18	24 5	0 27	17 32	1 6	6 19	1 22	22 9	0 53	19 57	0 3	8 16	1 34	30 8	8 25	20 45	20 40	10 29			n.a.
M14	22 32	16 51	1 58	17 24	0 9	24 4	0 29	17 20	1 5	6 21	1 22	22 9	0 53	19 57	0 3	8 15	1 34	30 8	8 25	20 45	20 40	10 27			n.a.
T 15	22 24	13 40	2 56	16 52	0 0	24 3	0 32	17 8	1 5	6 23	1 22	22 10	0 53	19 56	0 3	8 14	1 34	30 7	8 25	20 45	20 41	10 25			n.a.
W16	22 16	9 57	3 47	16 20	0s 9	24 1	0 34	16 56	1 4	6 25	1 23	22 11	0 53	19 56	0 3	8 14	1 34	30 7	8 25	20 44	20 42	10 23			n.a.
T 17	22 7	5 53	4 27	15 48	0 18	23 58	0 36	16 44	1 4	6 27	1 23	22 12	0 53	19 56	0 3	8 13	1 34	30 7	8 25	20 44	20 42	10 21			n.a.
F 18	21 58	1 34	4 57	15 16	0 27	23 55	0 38	16 31	1 4	6 28	1 23	22 12	0 53	19 56	0 3	8 12	1 34	30 7	8 25	20 44	20 43	10 19			n.a.
S 19	21 49	2s51	5 14	14 44	0 37	23 51	0 40	16 19	1 3	6 30	1 23	22 13	0 53	19 55	0 3	8 12	1 34	30 6	8 25	20 44	20 44	10 17			n.a.
S 20	21 39	7 14	5 17	14 12	0 47	23 46	0 42	16 6	1 3	6 32	1 23	22 14	0 53	19 55	0 3	8 11	1 34	30 6	8 25	20 44	20 44	10 15			n.a.
M21	21 29	11 25	5 5	13 41	0 57	23 41	0 44	15 54	1 2	6 33	1 24	22 14	0 53	19 55	0 3	8 11	1 34	30 6	8 25	20 44	20 45	10 13			n.a.
T 22	21 19	15 12	4 38	13 9	1 7	23 34	0 46	15 41	1 2	6 35	1 24	22 15	0 53	19 55	0 3	8 10	1 34	30 5	8 25	20 44	20 46	10 11			n.a.
W23	21 8	18 21	3 56	12 38	1 17	23 27	0 48	15 28	1 2	6 36	1 24	22 16	0 53	19 54	0 3	8 9	1 34	30 5	8 25	20 44	20 46	10 9			n.a.
T 24	20 57	20 35	2 59	12 8	1 27	23 20	0 50	15 15	1 1	6 37	1 24	22 16	0 53	19 54	0 3	8 9	1 34	30 5	8 26	20 44	20 47	10 7			n.a.
F 25	20 45	21 37	1 50	11 38	1 38	23 11	0 52	15 2	1 1	6 38	1 25	22 17	0 53	19 54	0 3	8 8	1 34	30 5	8 26	20 44	20 48	10 5			n.a.
S 26	20 33	21 16	0 32	11 9	1 48	23 2	0 54	14 49	1 0	6 40	1 25	22 17	0 53	19 54	0 3	8 7	1 34	30 5	8 26	20 44	20 48	10 3			n.a.
S 27	20 21	19 28	0s50	10 40	1 58	22 52	0 56	14 35	1 0	6 41	1 25	22 18	0 53	19 54	0 3	8 6	1 34	30 4	8 26	20 44	20 49	10 1			n.a.
M28	20 8	16 20	2 9	10 13	2 9	22 42	0 58	14 22	0 59	6 42	1 25	22 19	0 53	19 54	0 3	8 6	1 34	30 4	8 26	20 44	20 49	9 59			n.a.
T 29	19 55	12 7	3 19	9 46	2 19	22 31	0 59	14 8	0 59	6 43	1 26	22 19	0 53	19 53	0 3	8 5	1 34	30 4	8 26	20 44	20 50	9 57			n.a.
W30	19 42	7 12	4 15	9 20	2 29	22 19	1 1	13 55	0 59	6 43	1 26	22 20	0 53	19 53	0 3	8 4	1 34	30 4	8 26	20 45	20 51	9 55			n.a.
T 31	19n28	1s57	4s55	8n56	2s40	22n 6	1n 3	13n41	0n58	6n44	1s26	22n20	0s53	19s53	0n 3	8n 4	1n34	30n 3	8n26	20n45	20n51	9n52			n.a.

Julian Day Number = 1710646.5, Delta T = 03h00m54s
Ecliptic obliquity = 23°41'50, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°28'12, Lahiri = - 4°21'11 Julian Calendar 1 July 30 BCE == Greg. Calendar 29 June 030 BCE

The year -29 astronomical counting style corresponds to year 030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 30 BCE
geocentric

AUGUST 30 BCE (-29) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 26 26	4♌55'18	20♈41	1♍ 6	27♋43	27♌16	20♈28	18♊52	28°R 0	13♍22	22♋50	28°R12	27♋35	13♍52	n.a.	F 1
S 2	20 30 23	5°53'20	4♉41	1°40	28°58	27°55	20°30	18°58	27♏59	13°24	22°52	28°D12	27°32	13°59	n.a.	S 2
S 3	20 34 19	6°51'25	18°20	2° 9	0♌12	28°34	20°32	19° 4	27°59	13°25	22°53	28♋12	27°29	14° 5	n.a.	S 3
M 4	20 38 16	7°49'31	1♊40	2°34	1°27	29°13	20°34	19°11	27°58	13°27	22°55	28°12	27°26	14°12	n.a.	M 4
T 5	20 42 13	8°47'40	14°42	2°54	2°41	29°52	20°36	19°17	27°58	13°29	22°57	28°13	27°23	14°19	n.a.	T 5
W 6	20 46 9	9°45'50	27°28	3° 9	3°56	0♍31	20°37	19°23	27°58	13°31	22°59	28°14	27°20	14°25	n.a.	W 6
T 7	20 50 6	10°44'03	10♋ 0	3°19	5°10	1°10	20°39	19°28	27°58	13°33	23° 1	28°15	27°16	14°32	n.a.	T 7
F 8	20 54 2	11°42'18	22°20	3°R22	6°25	1°49	20°40	19°34	27°58	13°35	23° 3	28°R16	27°13	14°39	n.a.	F 8
S 9	20 57 59	12°40'34	4♌30	3°20	7°39	2°28	20°41	19°40	27°57	13°37	23° 4	28°16	27°10	14°45	n.a.	S 9
S 10	21 1 55	13°38'53	16°32	3°12	8°54	3° 8	20°41	19°46	27°D57	13°39	23° 6	28°15	27° 7	14°52	n.a.	S 10
M11	21 5 52	14°37'13	28°27	2°57	10° 8	3°47	20°42	19°51	27°57	13°41	23° 8	28°13	27° 4	14°59	n.a.	M11
T 12	21 9 48	15°35'36	10♍19	2°35	11°23	4°26	20°42	19°57	27°58	13°43	23°10	28°11	27° 1	15° 6	n.a.	T 12
W13	21 13 45	16°34'00	22° 8	2° 7	12°38	5° 5	20°R42	20° 2	27°58	13°45	23°11	28° 8	26°57	15°12	n.a.	W13
T 14	21 17 42	17°32'25	3♎58	1°33	13°52	5°45	20°42	20° 8	27°58	13°47	23°13	28° 5	26°54	15°19	n.a.	T 14
F 15	21 21 38	18°30'53	15°52	0°52	15° 7	6°24	20°42	20°13	27°58	13°49	23°15	28° 2	26°51	15°26	n.a.	F 15
S 16	21 25 35	19°29'22	27°53	0° 5	16°22	7° 4	20°41	20°18	27°58	13°51	23°17	28° 0	26°48	15°32	n.a.	S 16
S 17	21 29 31	20°27'53	10♏ 4	29♌13	17°36	7°43	20°41	20°24	27°59	13°53	23°18	27°58	26°45	15°39	n.a.	S 17
M18	21 33 28	21°26'26	22°31	28°16	18°51	8°23	20°40	20°29	27°59	13°55	23°20	27°D58	26°41	15°46	n.a.	M18
T 19	21 37 24	22°25'01	5♐18	27°16	20° 6	9° 2	20°39	20°34	27°59	13°57	23°22	27°59	26°38	15°52	n.a.	T 19
W20	21 41 21	23°23'37	18°27	26°13	21°21	9°42	20°37	20°39	28° 0	14° 0	23°23	28° 0	26°35	15°59	n.a.	W20
T 21	21 45 17	24°22'15	2♑ 3	25°10	22°36	10°22	20°36	20°44	28° 0	14° 2	23°25	28° 1	26°32	16° 6	n.a.	T 21
F 22	21 49 14	25°20'55	16° 6	24° 6	23°50	11° 2	20°34	20°48	28° 1	14° 4	23°27	28° 3	26°29	16°12	n.a.	F 22
S 23	21 53 10	26°19'37	0♒35	23° 5	25° 5	11°41	20°32	20°53	28° 2	14° 6	23°28	28°R 3	26°26	16°19	n.a.	S 23
S 24	21 57 7	27°18'21	15°27	22° 7	26°20	12°21	20°30	20°58	28° 2	14° 8	23°30	28° 2	26°22	16°26	n.a.	S 24
M25	22 1 4	28°17'07	0♓34	21°15	27°35	13° 1	20°28	21° 2	28° 3	14°10	23°32	28° 0	26°19	16°32	n.a.	M25
T 26	22 5 0	29°15'55	15°47	20°28	28°50	13°41	20°25	21° 7	28° 4	14°13	23°33	27°56	26°16	16°39	n.a.	T 26
W27	22 8 57	0♍14'44	0♈57	19°50	0♍ 5	14°21	20°23	21°11	28° 5	14°15	23°35	27°51	26°13	16°46	n.a.	W27
T 28	22 12 53	1°13'37	15°53	19°20	1°20	15° 1	20°20	21°16	28° 6	14°17	23°36	27°47	26°10	16°53	n.a.	T 28
F 29	22 16 50	2°12'31	0♉28	18°59	2°35	15°41	20°17	21°20	28° 7	14°19	23°38	27°43	26° 6	16°59	n.a.	F 29
S 30	22 20 46	3°11'28	14°38	18°49	3°49	16°21	20°13	21°24	28° 8	14°21	23°39	27°40	26° 3	17° 6	n.a.	S 30
S 31	22 24 43	4♍10'28	28♉20	18°D48	5♍ 4	17♍ 1	20♈10	21♊28	28♏ 9	14♍23	23♋41	27°D38	26♋ 0	17♍13	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n14	3n18	5s15	8n34	2s50	21n53	1n 4	13n27	0n58	6n45	1s26	22n21	0s53	19s53	0n 3	8n 3	1n34	30n 3	8n26	20n45	20n52	9n50		n.a.
S 2	19 0	8 16	5 15	8 12	2 59	21 40	1 6	13 13	0 57	6 46	1 26	22 21	0 53	19 53	0 2	8 2	1 34	30 3	8 27	20 45	20 53	9 48		n.a.
S 3	18 45	12 42	4 58	7 53	3 9	21 25	1 7	12 59	0 57	6 46	1 27	22 22	0 53	19 53	0 2	8 1	1 34	30 3	8 27	20 45	20 53	9 46		n.a.
M 4	18 31	16 24	4 25	7 35	3 18	21 10	1 9	12 45	0 56	6 47	1 27	22 23	0 53	19 53	0 2	8 1	1 34	30 3	8 27	20 45	20 54	9 44		n.a.
T 5	18 15	19 11	3 39	7 20	3 27	20 54	1 10	12 31	0 56	6 47	1 27	22 23	0 53	19 53	0 2	8 0	1 34	30 2	8 27	20 44	20 55	9 42		n.a.
W 6	18 0	20 58	2 43	7 7	3 36	20 38	1 11	12 16	0 56	6 47	1 27	22 24	0 53	19 53	0 2	7 59	1 34	30 2	8 27	20 44	20 55	9 40		n.a.
T 7	17 44	21 40	1 40	6 56	3 44	20 21	1 13	12 2	0 55	6 48	1 28	22 24	0 53	19 53	0 2	7 58	1 34	30 2	8 27	20 44	20 56	9 38		n.a.
F 8	17 28	21 17	0 33	6 48	3 51	20 4	1 14	11 47	0 55	6 48	1 28	22 25	0 53	19 53	0 2	7 58	1 34	30 2	8 27	20 44	20 56	9 36		n.a.
S 9	17 11	19 54	0n34	6 43	3 57	19 45	1 15	11 33	0 54	6 48	1 28	22 25	0 53	19 53	0 2	7 57	1 34	30 2	8 28	20 44	20 57	9 34		n.a.
S 10	16 54	17 38	1 39	6 40	4 3	19 27	1 16	11 18	0 54	6 48	1 28	22 25	0 53	19 53	0 2	7 56	1 34	30 2	8 28	20 44	20 58	9 32		n.a.
M11	16 37	14 37	2 39	6 42	4 7	19 8	1 17	11 3	0 53	6 48	1 28	22 26	0 53	19 53	0 2	7 55	1 34	30 1	8 28	20 44	20 58	9 30		n.a.
T 12	16 20	11 2	3 32	6 46	4 11	18 48	1 18	10 48	0 53	6 48	1 29	22 26	0 53	19 53	0 2	7 54	1 34	30 1	8 28	20 45	20 59	9 28		n.a.
W13	16 2	7 3	4 15	6 54	4 13	18 27	1 19	10 33	0 52	6 48	1 29	22 27	0 53	19 53	0 2	7 54	1 34	30 1	8 28	20 45	21 0	9 26		n.a.
T 14	15 45	2 48	4 48	7 6	4 13	18 7	1 20	10 18	0 52	6 48	1 29	22 27	0 53	19 53	0 2	7 53	1 34	30 1	8 28	20 46	21 0	9 24		n.a.
F 15	15 26	1s35	5 8	7 22	4 12	17 45	1 20	10 3	0 51	6 47	1 29	22 28	0 53	19 53	0 2	7 52	1 34	30 1	8 28	20 47	21 1	9 21		n.a.
S 16	15 8	5 56	5 15	7 41	4 9	17 23	1 21	9 48	0 51	6 47	1 30	22 28	0 53	19 53	0 2	7 51	1 33	30 1	8 29	20 47	21 1	9 19		n.a.
S 17	14 49	10 8	5 8	8 3	4 4	17 1	1 22	9 33	0 51	6 46	1 30	22 28	0 53	19 53	0 2	7 50	1 33	30 0	8 29	20 47	21 2	9 17		n.a.
M18	14 30	13 59	4 46	8 29	3 58	16 38	1 22	9 17	0 50	6 46	1 30	22 29	0 52	19 53	0 2	7 50	1 33	30 0	8 29	20 48	21 3	9 15		n.a.
T 19	14 11	17 18	4 11	8 58	3 49	16 15	1 23	9 2	0 50	6 45	1 30	22 29	0 52	19 53	0 2	7 49	1 33	30 0	8 29	20 47	21 3	9 13		n.a.
W20	13 52	19 51	3 21	9 29	3 38	15 51	1 23	8 46	0 49	6 45	1 30	22 29	0 52	19 53	0 2	7 48	1 33	30 0	8 29	20 47	21 4	9 11		n.a.
T 21	13 32	21 23	2 18	10 3	3 26	15 27	1 24	8 31	0 49	6 44	1 31	22 30	0 52	19 54	0 2	7 47	1 33	30 0	8 30	20 47	21 4	9 9		n.a.
F 22	13 13	21 38	1 5	10 37	3 11	15 2	1 24	8 15	0 48	6 43	1 31	22 30	0 52	19 54	0 2	7 46	1 33	30 0	8 30	20 47	21 5	9 7		n.a.
S 23	12 53	20 28	0s14	11 13	2 55	14 37	1 24	7 59	0 48	6 42	1 31	22 30	0 52	19 54	0 2	7 45	1 33	30 0	8 30	20 47	21 6	9 5		n.a.
S 24	12 32	17 52	1 34	11 48	2 38	14 12	1 24	7 43	0 47	6 41	1 31	22 31	0 52	19 54	0 2	7 44	1 33	30 0	8 30	20 47	21 6	9 2		n.a.
M25	12 12	14 1	2 49	12 22	2 19	13 46	1 25	7 28	0 47	6 40	1 31	22 31	0 52	19 54	0 2	7 44	1 33	30 0	8 30	20 47	21 7	9 0		n.a.
T 26	11 51	9 13	3 52	12 55	2 0	13 20	1 25	7 12	0 46	6 39	1 32	22 31	0 52	19 54	0 2	7 43	1 33	30 0	8 31	20 48	21 8	8 58		n.a.
W27	11 30	3 52	4 38	13 26	1 41	12 53	1 25	6 56	0 46	6 38	1 32	22 32	0 52	19 55	0 2	7 42	1 33	29 59	8 31	20 49	21 8	8 56		n.a.
T 28	11 9	1n37	5 5	13 54	1 21	12 26	1 25	6 40	0 45	6 36	1 32	22 32	0 52	19 55	0 2	7 41	1 33	29 59	8 31	20 50	21 9	8 54		n.a.
F 29	10 48	6 54	5 12	14 19	1 1	11 59	1 24	6 23	0 45	6 35	1 32	22 32	0 52	19 55	0 2	7 40	1 33	29 59	8 31	20 51	21 9	8 52		n.a.
S 30	10 27	11 39	4 58	14 41	0 42	11 31	1 24	6 7	0 44	6 34	1 32	22 33	0 52	19 55	0 2	7 39	1 33	29 59	8 31	20 51	21 10	8 50		n.a.
S 31	10n 5	15n38	4s28	14n59	0s23	11n 3	1n24	5n51	0n44	6n32	1s33	22n33	0s52	19s56	0n 2	7n38	1n33	29n59	8n32	20n51	21n11	8n48		n.a.

Julian Day Number = 1710677.5, Delta T = 03h00m54s
Ecliptic obliquity = 23°41'50, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°28'07, Lahiri = - 4°21'07 Julian Calendar 1 Aug. 30 BCE == Greg. Calendar 30 July 030 BCE

The year -29 astronomical counting style corresponds to year 030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 30 BCE
geocentric

SEPTEMBER 30 BCE (-29) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 28 39	5♍ 9'29	11♊37	18♌58	6♍19	17♍41	20°R 6	21♊32	28♏10	14♍26	23♋42	27♋38	25♋57	17♍19	n.a.	M 1
T 2	22 32 36	6° 8'34	24°31	19°18	7°34	18°22	20♈ 2	21°36	28°11	14°28	23°44	27°39	25°54	17°26	n.a.	T 2
W 3	22 36 33	7° 7'41	7♋ 5	19°48	8°49	19° 2	19°58	21°39	28°12	14°30	23°45	27°41	25°51	17°33	n.a.	W 3
T 4	22 40 29	8° 6'50	19°24	20°27	10° 5	19°42	19°54	21°43	28°13	14°32	23°47	27°42	25°47	17°39	n.a.	T 4
F 5	22 44 26	9° 6'01	1♌31	21°14	11°20	20°23	19°50	21°47	28°14	14°35	23°48	27°R43	25°44	17°46	n.a.	F 5
S 6	22 48 22	10° 5'15	13°31	22°10	12°35	21° 3	19°45	21°50	28°16	14°37	23°50	27°41	25°41	17°53	n.a.	S 6
S 7	22 52 19	11° 4'31	25°24	23°13	13°50	21°44	19°40	21°53	28°17	14°39	23°51	27°38	25°38	18° 0	n.a.	S 7
M 8	22 56 15	12° 3'49	7♍15	24°22	15° 5	22°24	19°35	21°57	28°19	14°41	23°52	27°32	25°35	18° 6	n.a.	M 8
T 9	23 0 12	13° 3'09	19° 5	25°38	16°20	23° 5	19°30	22° 0	28°20	14°44	23°54	27°24	25°32	18°13	n.a.	T 9
W10	23 4 8	14° 2'32	0♎56	26°58	17°35	23°45	19°25	22° 3	28°22	14°46	23°55	27°16	25°28	18°20	n.a.	W10
T 11	23 8 5	15° 1'56	12°49	28°23	18°50	24°26	19°20	22° 6	28°23	14°48	23°56	27° 6	25°25	18°26	n.a.	T 11
F 12	23 12 1	16° 1'22	24°46	29°52	20° 5	25° 7	19°14	22° 9	28°25	14°50	23°58	26°57	25°22	18°33	n.a.	F 12
S 13	23 15 58	17° 0'51	6♏50	1♍24	21°20	25°48	19° 8	22°12	28°27	14°52	23°59	26°49	25°19	18°40	n.a.	S 13
S 14	23 19 55	18° 0'21	19° 3	2°59	22°35	26°28	19° 2	22°14	28°28	14°55	24° 0	26°43	25°16	18°46	n.a.	S 14
M15	23 23 51	18°59'54	1♐29	4°35	23°51	27° 9	18°56	22°17	28°30	14°57	24° 1	26°39	25°12	18°53	n.a.	M15
T 16	23 27 48	19°59'28	14°11	6°14	25° 6	27°50	18°50	22°19	28°32	14°59	24° 2	26°37	25° 9	19° 0	n.a.	T 16
W17	23 31 44	20°59'04	27°13	7°54	26°21	28°31	18°44	22°22	28°34	15° 1	24° 4	26°D37	25° 6	19° 6	n.a.	W17
T 18	23 35 41	21°58'42	10♑38	9°35	27°36	29°12	18°37	22°24	28°36	15° 4	24° 5	26°38	25° 3	19°13	n.a.	T 18
F 19	23 39 37	22°58'22	24°30	11°17	28°51	29°53	18°31	22°26	28°38	15° 6	24° 6	26°R39	25° 0	19°20	n.a.	F 19
S 20	23 43 34	23°58'03	8♒50	12°59	0♎ 6	0♎34	18°24	22°28	28°40	15° 8	24° 7	26°38	24°57	19°27	n.a.	S 20
S 21	23 47 30	24°57'47	23°34	14°41	1°22	1°16	18°17	22°30	28°42	15°10	24° 8	26°36	24°53	19°33	n.a.	S 21
M22	23 51 27	25°57'32	8♓40	16°24	2°37	1°57	18°10	22°32	28°44	15°13	24° 9	26°30	24°50	19°40	n.a.	M22
T 23	23 55 24	26°57'19	23°57	18° 7	3°52	2°38	18° 3	22°33	28°46	15°15	24°10	26°23	24°47	19°47	n.a.	T 23
W24	23 59 20	27°57'08	9♈16	19°49	5° 7	3°19	17°56	22°35	28°48	15°17	24°11	26°14	24°44	19°53	n.a.	W24
T 25	0 3 17	28°56'59	24°25	21°32	6°22	4° 1	17°49	22°37	28°50	15°19	24°12	26° 4	24°41	20° 0	n.a.	T 25
F 26	0 7 13	29°56'53	9♉14	23°14	7°37	4°42	17°41	22°38	28°52	15°21	24°13	25°55	24°37	20° 7	n.a.	F 26
S 27	0 11 10	0♎56'49	23°36	24°56	8°53	5°23	17°34	22°39	28°55	15°23	24°14	25°48	24°34	20°13	n.a.	S 27
S 28	0 15 6	1°56'47	7♊28	26°37	10° 8	6° 5	17°26	22°40	28°57	15°26	24°15	25°43	24°31	20°20	n.a.	S 28
M29	0 19 3	2°56'47	20°50	28°18	11°23	6°47	17°18	22°41	28°59	15°28	24°16	25°40	24°28	20°27	n.a.	M29
T 30	0 22 59	3♎56'50	3♋45	29♍59	12♎38	7♎28	17♈11	22♊42	29♏ 2	15♍30	24♋17	25°D40	24♋25	20♍34	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	9n43	18n42	3s45	15n13	0s 6	10n35	1n24	5n35	0n43	6n31	1s33	22n33	0s52	19s56	0n 2	7n38	1n33	29n59	8n32	20n51	21n11	8n45		n.a.
T 2	9 21	20 44	2 51	15 22	0n11	10 6	1 23	5 18	0 43	6 29	1 33	22 33	0 52	19 56	0 2	7 37	1 33	29 59	8 32	20 51	21 12	8 43		n.a.
W 3	8 59	21 41	1 50	15 28	0 27	9 37	1 23	5 2	0 42	6 27	1 33	22 34	0 52	19 56	0 2	7 36	1 33	29 59	8 32	20 51	21 12	8 41		n.a.
T 4	8 37	21 32	0 45	15 29	0 41	9 8	1 22	4 46	0 42	6 25	1 33	22 34	0 52	19 57	0 2	7 35	1 33	29 59	8 33	20 51	21 13	8 39		n.a.
F 5	8 15	20 22	0n21	15 26	0 54	8 39	1 22	4 29	0 41	6 24	1 33	22 34	0 52	19 57	0 2	7 34	1 33	29 59	8 33	20 51	21 14	8 37		n.a.
S 6	7 52	18 18	1 25	15 19	1 6	8 9	1 21	4 12	0 41	6 22	1 34	22 34	0 52	19 57	0 2	7 33	1 33	29 59	8 33	20 51	21 14	8 35		n.a.
S 7	7 29	15 27	2 24	15 8	1 16	7 40	1 20	3 56	0 40	6 20	1 34	22 34	0 52	19 58	0 2	7 32	1 33	29 59	8 33	20 52	21 15	8 33		n.a.
M 8	7 7	11 59	3 17	14 53	1 25	7 10	1 20	3 39	0 40	6 18	1 34	22 35	0 52	19 58	0 2	7 32	1 33	29 59	8 34	20 53	21 15	8 30		n.a.
T 9	6 44	8 4	4 2	14 35	1 33	6 39	1 19	3 23	0 39	6 16	1 34	22 35	0 52	19 58	0 2	7 31	1 33	29 59	8 34	20 54	21 16	8 28		n.a.
W10	6 21	3 50	4 35	14 13	1 40	6 9	1 18	3 6	0 39	6 14	1 34	22 35	0 52	19 59	0 2	7 30	1 33	29 59	8 34	20 56	21 16	8 26		n.a.
T 11	5 58	0s33	4 57	13 48	1 45	5 38	1 17	2 49	0 38	6 11	1 34	22 35	0 52	19 59	0 2	7 29	1 33	29 59	8 34	20 58	21 17	8 24		n.a.
F 12	5 34	4 57	5 6	13 21	1 50	5 8	1 16	2 32	0 38	6 9	1 35	22 35	0 52	19 59	0 2	7 28	1 33	29 59	8 35	21 0	21 18	8 22		n.a.
S 13	5 11	9 11	5 2	12 51	1 53	4 37	1 15	2 15	0 37	6 7	1 35	22 36	0 52	20 0	0 2	7 27	1 33	29 59	8 35	21 1	21 18	8 20		n.a.
S 14	4 47	13 7	4 44	12 19	1 56	4 6	1 14	1 59	0 37	6 4	1 35	22 36	0 52	20 0	0 2	7 26	1 33	29 59	8 35	21 2	21 19	8 17		n.a.
M15	4 24	16 34	4 12	11 45	1 57	3 35	1 13	1 42	0 36	6 2	1 35	22 36	0 52	20 0	0 2	7 25	1 33	29 59	8 35	21 3	21 19	8 15		n.a.
T 16	4 0	19 19	3 28	11 8	1 58	3 3	1 11	1 25	0 36	6 0	1 35	22 36	0 52	20 1	0 2	7 25	1 33	29 59	8 36	21 3	21 20	8 13		n.a.
W17	3 37	21 9	2 31	10 31	1 57	2 32	1 10	1 8	0 35	5 57	1 35	22 36	0 52	20 1	0 2	7 24	1 33	29 59	8 36	21 3	21 21	8 11		n.a.
T 18	3 13	21 51	1 25	9 51	1 57	2 1	1 9	0 51	0 35	5 55	1 35	22 36	0 52	20 2	0 2	7 23	1 33	29 59	8 36	21 3	21 21	8 9		n.a.
F 19	2 49	21 16	0 12	9 11	1 55	1 29	1 7	0 34	0 34	5 52	1 35	22 36	0 52	20 2	0 2	7 22	1 33	29 59	8 37	21 3	21 22	8 6		n.a.
S 20	2 25	19 17	1s 5	8 30	1 53	0 58	1 6	0 17	0 34	5 49	1 35	22 36	0 52	20 3	0 2	7 21	1 34	29 59	8 37	21 3	21 22	8 4		n.a.
S 21	2 1	15 59	2 19	7 47	1 50	0 26	1 4	0s 0	0 33	5 47	1 35	22 37	0 52	20 3	0 2	7 20	1 34	29 59	8 37	21 4	21 23	8 2		n.a.
M22	1 37	11 34	3 25	7 4	1 47	0s 6	1 3	0 17	0 32	5 44	1 35	22 37	0 52	20 4	0 2	7 19	1 34	30 0	8 37	21 5	21 23	8 0		n.a.
T 23	1 13	6 21	4 17	6 20	1 44	0 37	1 1	0 34	0 32	5 41	1 36	22 37	0 52	20 4	0 2	7 19	1 34	30 0	8 38	21 6	21 24	7 58		n.a.
W24	0 49	0 44	4 51	5 36	1 40	1 9	0 59	0 51	0 31	5 38	1 36	22 37	0 52	20 5	0 2	7 18	1 34	30 0	8 38	21 8	21 25	7 55		n.a.
T 25	0 25	4n52	5 4	4 51	1 35	1 40	0 58	1 8	0 31	5 35	1 36	22 37	0 52	20 5	0 2	7 17	1 34	30 0	8 38	21 10	21 25	7 53		n.a.
F 26	0 1	10 3	4 56	4 6	1 31	2 12	0 56	1 26	0 30	5 33	1 36	22 37	0 52	20 6	0 2	7 16	1 34	30 0	8 39	21 11	21 26	7 51		n.a.
S 27	0s23	14 32	4 29	3 21	1 26	2 44	0 54	1 43	0 30	5 30	1 36	22 37	0 52	20 6	0 2	7 15	1 34	30 0	8 39	21 13	21 26	7 49		n.a.
S 28	0 47	18 3	3 47	2 35	1 21	3 15	0 52	2 0	0 29	5 27	1 36	22 37	0 52	20 7	0 2	7 14	1 34	30 0	8 39	21 14	21 27	7 47		n.a.
M29	1 11	20 29	2 54	1 50	1 15	3 47	0 50	2 17	0 29	5 24	1 36	22 37	0 52	20 7	0 2	7 14	1 34	30 0	8 39	21 14	21 27	7 44		n.a.
T 30	1s35	21n45	1s54	1n 4	1n10	4s18	0n49	2s34	0n28	5n21	1s36	22n37	0s52	20s 8	0n 2	7n13	1n34	30n 0	8n40	21n14	21n28	7n42		n.a.

Julian Day Number = 1710708.5, Delta T = 03h00m53s
Ecliptic obliquity = 23°41'51, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°28'03, Lahiri = - 4°21'03 Julian Calendar 1 Sept. 30 BCE == Greg. Calendar 30 Aug. 030 BCE

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ASTRODIENST EPHEMERIS for the year 30 BCE
geocentric

OCTOBER 30 BCE (-29) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 26 56	4♎56'55	16♋17	1♎39	13♎53	8♎10	17°R 3	22♊43	29♏ 4	15♍32	24♋17	25♋40	24♋22	20♍40	n.a.	W 1
T 2	0 30 53	5°57'02	28°31	3°19	15° 9	8°51	16♈55	22°44	29° 7	15°34	24°18	25°R40	24°18	20°47	n.a.	T 2
F 3	0 34 49	6°57'11	10♌33	4°58	16°24	9°33	16°47	22°44	29° 9	15°36	24°19	25°39	24°15	20°54	n.a.	F 3
S 4	0 38 46	7°57'23	22°26	6°37	17°39	10°15	16°39	22°45	29°12	15°38	24°20	25°36	24°12	21° 0	n.a.	S 4
S 5	0 42 42	8°57'36	4♍16	8°16	18°54	10°57	16°31	22°45	29°15	15°41	24°20	25°30	24° 9	21° 7	n.a.	S 5
M 6	0 46 39	9°57'52	16° 5	9°54	20° 9	11°39	16°23	22°46	29°17	15°43	24°21	25°21	24° 6	21°14	n.a.	M 6
T 7	0 50 35	10°58'09	27°56	11°31	21°25	12°21	16°15	22°46	29°20	15°45	24°22	25° 9	24° 3	21°20	n.a.	T 7
W 8	0 54 32	11°58'29	9♎51	13° 8	22°40	13° 3	16° 7	22°R46	29°23	15°47	24°22	24°56	23°59	21°27	n.a.	W 8
T 9	0 58 28	12°58'50	21°50	14°45	23°55	13°45	15°59	22°46	29°25	15°49	24°23	24°41	23°56	21°34	n.a.	T 9
F 10	1 2 25	13°59'13	3♏56	16°21	25°10	14°27	15°50	22°45	29°28	15°51	24°24	24°27	23°53	21°41	n.a.	F 10
S 11	1 6 21	14°59'38	16°10	17°57	26°25	15° 9	15°42	22°45	29°31	15°53	24°24	24°14	23°50	21°47	n.a.	S 11
S 12	1 10 18	16° 0'04	28°31	19°32	27°41	15°51	15°34	22°45	29°34	15°55	24°25	24° 4	23°47	21°54	n.a.	S 12
M13	1 14 15	17° 0'32	11♐ 4	21° 8	28°56	16°34	15°26	22°44	29°37	15°57	24°25	23°57	23°43	22° 1	n.a.	M13
T 14	1 18 11	18° 1'02	23°48	22°42	0♏11	17°16	15°18	22°43	29°40	15°59	24°26	23°53	23°40	22° 7	n.a.	T 14
W15	1 22 8	19° 1'33	6♑49	24°17	1°26	17°58	15°10	22°43	29°43	16° 1	24°26	23°51	23°37	22°14	n.a.	W15
T 16	1 26 4	20° 2'05	20° 8	25°51	2°41	18°41	15° 1	22°42	29°46	16° 3	24°26	23°50	23°34	22°21	n.a.	T 16
F 17	1 30 1	21° 2'39	3♒49	27°25	3°57	19°23	14°53	22°41	29°49	16° 5	24°27	23°50	23°31	22°27	n.a.	F 17
S 18	1 33 57	22° 3'14	17°53	28°58	5°12	20° 6	14°45	22°40	29°52	16° 7	24°27	23°49	23°28	22°34	n.a.	S 18
S 19	1 37 54	23° 3'50	2♓21	0♏32	6°27	20°48	14°37	22°38	29°55	16° 9	24°28	23°46	23°24	22°41	n.a.	S 19
M20	1 41 50	24° 4'28	17° 9	2° 5	7°42	21°31	14°29	22°37	29°58	16°10	24°28	23°39	23°21	22°48	n.a.	M20
T 21	1 45 47	25° 5'07	2♈12	3°38	8°57	22°13	14°21	22°36	0♐ 1	16°12	24°28	23°30	23°18	22°54	n.a.	T 21
W22	1 49 44	26° 5'47	17°21	5°10	10°12	22°56	14°14	22°34	0° 4	16°14	24°28	23°19	23°15	23° 1	n.a.	W22
T 23	1 53 40	27° 6'29	2♉26	6°43	11°28	23°39	14° 6	22°32	0° 7	16°16	24°29	23° 7	23°12	23° 8	n.a.	T 23
F 24	1 57 37	28° 7'12	17°15	8°15	12°43	24°21	13°58	22°31	0°10	16°18	24°29	22°56	23° 9	23°14	n.a.	F 24
S 25	2 1 33	29° 7'57	1♊42	9°47	13°58	25° 4	13°51	22°29	0°14	16°19	24°29	22°46	23° 5	23°21	n.a.	S 25
S 26	2 5 30	0♏ 8'43	15°41	11°19	15°13	25°47	13°43	22°27	0°17	16°21	24°29	22°39	23° 2	23°28	n.a.	S 26
M27	2 9 26	1° 9'31	29°10	12°50	16°28	26°30	13°36	22°25	0°20	16°23	24°29	22°35	22°59	23°34	n.a.	M27
T 28	2 13 23	2°10'21	12♋11	14°22	17°43	27°13	13°28	22°23	0°23	16°25	24°29	22°33	22°56	23°41	n.a.	T 28
W29	2 17 19	3°11'12	24°48	15°53	18°58	27°56	13°21	22°20	0°27	16°26	24°R29	22°D33	22°53	23°48	n.a.	W29
T 30	2 21 16	4°12'05	7♌ 4	17°23	20°13	28°39	13°14	22°18	0°30	16°28	24°29	22°R33	22°49	23°55	n.a.	T 30
F 31	2 25 13	5♏13'00	19♌ 6	18♏54	21♏29	29♎22	13♈ 7	22♊15	0♐33	16♍30	24♋29	22♋32	22♋46	24♍ 1	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	1s59	21n52	0s50	0n18	1n 4	4s49	0n47	2s51	0n27	5n18	1s36	22n37	0s52	20s 8	0n 2	7n12	1n34	30n 1	8n40	21n14	21n29	7n40		n.a.
T 2	2 23	20 56	0n15	0s27	0 58	5 21	0 45	3 8	0 27	5 15	1 36	22 37	0 52	20 9	0 2	7 11	1 34	30 1	8 40	21 14	21 29	7 38		n.a.
F 3	2 47	19 2	1 18	1 12	0 52	5 52	0 43	3 25	0 26	5 12	1 36	22 37	0 52	20 9	0 2	7 10	1 34	30 1	8 41	21 14	21 30	7 35		n.a.
S 4	3 11	16 20	2 17	1 58	0 45	6 23	0 40	3 42	0 26	5 9	1 36	22 37	0 52	20 10	0 2	7 10	1 34	30 1	8 41	21 15	21 30	7 33		n.a.
S 5	3 35	12 59	3 9	2 43	0 39	6 53	0 38	3 59	0 25	5 5	1 36	22 37	0 52	20 11	0 2	7 9	1 34	30 1	8 41	21 16	21 31	7 31		n.a.
M 6	3 59	9 7	3 53	3 28	0 33	7 24	0 36	4 17	0 25	5 2	1 36	22 37	0 52	20 11	0 2	7 8	1 34	30 1	8 42	21 18	21 31	7 29		n.a.
T 7	4 23	4 55	4 27	4 12	0 26	7 55	0 34	4 34	0 24	4 59	1 36	22 37	0 52	20 12	0 2	7 7	1 34	30 2	8 42	21 20	21 32	7 27		n.a.
W 8	4 47	0 30	4 50	4 56	0 20	8 25	0 32	4 51	0 24	4 56	1 36	22 37	0 52	20 12	0 2	7 6	1 34	30 2	8 42	21 23	21 33	7 24		n.a.
T 9	5 11	3s58	5 0	5 40	0 13	8 55	0 30	5 8	0 23	4 53	1 36	22 37	0 52	20 13	0 2	7 6	1 34	30 2	8 43	21 25	21 33	7 22		n.a.
F 10	5 34	8 20	4 56	6 24	0 7	9 25	0 27	5 25	0 22	4 50	1 36	22 37	0 52	20 14	0 2	7 5	1 34	30 2	8 43	21 28	21 34	7 20		n.a.
S 11	5 58	12 24	4 39	7 7	0s 0	9 55	0 25	5 42	0 22	4 47	1 35	22 37	0 52	20 14	0 2	7 4	1 34	30 2	8 43	21 30	21 34	7 18		n.a.
S 12	6 22	16 1	4 8	7 50	0 7	10 24	0 23	5 59	0 21	4 44	1 35	22 37	0 52	20 15	0 2	7 3	1 34	30 3	8 44	21 32	21 35	7 15		n.a.
M13	6 45	18 57	3 25	8 32	0 13	10 54	0 20	6 16	0 21	4 41	1 35	22 37	0 52	20 15	0 2	7 3	1 34	30 3	8 44	21 33	21 35	7 13		n.a.
T 14	7 8	21 2	2 31	9 14	0 20	11 23	0 18	6 33	0 20	4 38	1 35	22 37	0 52	20 16	0 2	7 2	1 34	30 3	8 44	21 34	21 36	7 11		n.a.
W15	7 32	22 3	1 29	9 55	0 26	11 51	0 16	6 49	0 19	4 34	1 35	22 37	0 52	20 17	0 2	7 1	1 34	30 3	8 45	21 34	21 36	7 9		n.a.
T 16	7 55	21 51	0 20	10 36	0 33	12 20	0 13	7 6	0 19	4 31	1 35	22 37	0 52	20 17	0 2	7 0	1 34	30 4	8 45	21 34	21 37	7 6		n.a.
F 17	8 18	20 21	0s52	11 16	0 39	12 48	0 11	7 23	0 18	4 28	1 35	22 37	0 52	20 18	0 2	7 0	1 34	30 4	8 45	21 34	21 38	7 4		n.a.
S 18	8 41	17 35	2 3	11 56	0 45	13 16	0 8	7 40	0 18	4 25	1 35	22 37	0 52	20 19	0 2	6 59	1 34	30 4	8 46	21 34	21 38	7 2		n.a.
S 19	9 4	13 40	3 8	12 35	0 52	13 43	0 6	7 57	0 17	4 22	1 35	22 37	0 52	20 19	0 2	6 58	1 34	30 4	8 46	21 35	21 39	6 59		n.a.
M20	9 26	8 50	4 2	13 14	0 58	14 10	0 3	8 13	0 17	4 19	1 34	22 37	0 52	20 20	0 2	6 57	1 34	30 5	8 46	21 36	21 39	6 57		n.a.
T 21	9 49	3 23	4 40	13 52	1 4	14 37	0 1	8 30	0 16	4 16	1 34	22 37	0 52	20 21	0 2	6 57	1 34	30 5	8 46	21 38	21 40	6 55		n.a.
W22	10 11	2n18	4 58	14 29	1 10	15 4	0s 2	8 46	0 15	4 13	1 34	22 37	0 52	20 21	0 2	6 56	1 34	30 5	8 47	21 40	21 40	6 53		n.a.
T 23	10 33	7 49	4 56	15 5	1 16	15 30	0 4	9 3	0 15	4 11	1 34	22 37	0 52	20 22	0 2	6 55	1 34	30 5	8 47	21 42	21 41	6 50		n.a.
F 24	10 55	12 47	4 34	15 41	1 21	15 55	0 6	9 19	0 14	4 8	1 34	22 37	0 52	20 23	0 2	6 55	1 34	30 6	8 47	21 44	21 41	6 48		n.a.
S 25	11 17	16 54	3 54	16 16	1 27	16 21	0 9	9 36	0 14	4 5	1 34	22 37	0 52	20 23	0 2	6 54	1 35	30 6	8 48	21 45	21 42	6 46		n.a.
S 26	11 39	19 55	3 2	16 51	1 32	16 45	0 11	9 52	0 13	4 2	1 33	22 37	0 52	20 24	0 2	6 53	1 35	30 6	8 48	21 46	21 42	6 44		n.a.
M27	12 0	21 41	2 0	17 24	1 37	17 10	0 14	10 8	0 12	3 59	1 33	22 37	0 52	20 25	0 2	6 53	1 35	30 7	8 48	21 47	21 43	6 41		n.a.
T 28	12 21	22 14	0 55	17 57	1 42	17 34	0 16	10 25	0 12	3 57	1 33	22 36	0 52	20 26	0 2	6 52	1 35	30 7	8 49	21 47	21 43	6 39		n.a.
W29	12 43	21 36	0n12	18 29	1 47	17 57	0 19	10 41	0 11	3 54	1 33	22 36	0 52	20 26	0 2	6 52	1 35	30 7	8 49	21 47	21 44	6 37		n.a.
T 30	13 3	19 56	1 16	18 59	1 52	18 20	0 21	10 57	0 10	3 51	1 33	22 36	0 52	20 27	0 2	6 51	1 35	30 8	8 49	21 47	21 45	6 34		n.a.
F 31	13s24	17n24	2n16	19s29	1s56	18s43	0s24	11s13	0n10	3n49	1s33	22n36	0s52	20s28	0n 2	6n50	1n35	30n 8	8n50	21n47	21n45	6n32		n.a.

Julian Day Number = 1710738.5, Delta T = 03h00m52s
Ecliptic obliquity = 23°41'51, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°27'59, Lahiri = - 4°20'59 Julian Calendar 1 Oct. 30 BCE == Greg. Calendar 29 Sept. 030 BCE

The year -29 astronomical counting style corresponds to year 030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 30 BCE
geocentric

NOVEMBER 30 BCE (-29) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 29 9	6♏13'55	0♍59	20♏24	22♏44	0♏ 5	13°R 0	22°R13	0♐37	16♍31	24°R29	22°R30	22♋43	24♍ 8	n.a.	S 1
S 2	2 33 6	7°14'52	12°49	21°54	23°59	0°49	12♈53	22♊10	0°40	16°33	24♋29	22♋24	22°40	24°15	n.a.	S 2
M 3	2 37 2	8°15'51	24°38	23°24	25°14	1°32	12°46	22° 7	0°44	16°34	24°29	22°16	22°37	24°21	n.a.	M 3
T 4	2 40 59	9°16'51	6♎32	24°53	26°29	2°15	12°40	22° 5	0°47	16°36	24°29	22° 5	22°34	24°28	n.a.	T 4
W 5	2 44 55	10°17'52	18°32	26°22	27°44	2°59	12°33	22° 2	0°51	16°37	24°28	21°53	22°30	24°35	n.a.	W 5
T 6	2 48 52	11°18'54	0♏41	27°50	28°59	3°42	12°27	21°58	0°54	16°39	24°28	21°39	22°27	24°42	n.a.	T 6
F 7	2 52 48	12°19'57	12°59	29°18	0♐14	4°26	12°21	21°55	0°57	16°40	24°28	21°25	22°24	24°48	n.a.	F 7
S 8	2 56 45	13°21'01	25°26	0♐45	1°29	5° 9	12°15	21°52	1° 1	16°42	24°28	21°13	22°21	24°55	n.a.	S 8
S 9	3 0 42	14°22'07	8♐ 4	2°11	2°44	5°53	12° 9	21°49	1° 4	16°43	24°27	21° 4	22°18	25° 2	n.a.	S 9
M10	3 4 38	15°23'13	20°53	3°35	3°59	6°36	12° 3	21°45	1° 8	16°44	24°27	20°57	22°14	25° 8	n.a.	M10
T 11	3 8 35	16°24'20	3♑52	4°59	5°14	7°20	11°58	21°42	1°12	16°46	24°27	20°53	22°11	25°15	n.a.	T 11
W12	3 12 31	17°25'27	17° 3	6°21	6°30	8° 4	11°53	21°38	1°15	16°47	24°26	20°D52	22° 8	25°22	n.a.	W12
T 13	3 16 28	18°26'35	0♒27	7°42	7°45	8°47	11°48	21°34	1°19	16°48	24°26	20°52	22° 5	25°29	n.a.	T 13
F 14	3 20 24	19°27'43	14° 6	9° 1	9° 0	9°31	11°43	21°31	1°22	16°50	24°26	20°R52	22° 2	25°35	n.a.	F 14
S 15	3 24 21	20°28'52	28° 1	10°17	10°15	10°15	11°38	21°27	1°26	16°51	24°25	20°52	21°59	25°42	n.a.	S 15
S 16	3 28 17	21°30'01	12♓13	11°31	11°30	10°59	11°33	21°23	1°29	16°52	24°25	20°50	21°55	25°49	n.a.	S 16
M17	3 32 14	22°31'11	26°40	12°41	12°45	11°43	11°29	21°19	1°33	16°53	24°24	20°46	21°52	25°55	n.a.	M17
T 18	3 36 11	23°32'20	11♈18	13°48	13°59	12°27	11°24	21°15	1°37	16°54	24°24	20°39	21°49	26° 2	n.a.	T 18
W19	3 40 7	24°33'30	26° 1	14°51	15°14	13°11	11°20	21°11	1°40	16°56	24°23	20°31	21°46	26° 9	n.a.	W19
T 20	3 44 4	25°34'41	10♉44	15°49	16°29	13°55	11°16	21° 7	1°44	16°57	24°22	20°22	21°43	26°15	n.a.	T 20
F 21	3 48 0	26°35'52	25°17	16°42	17°44	14°39	11°13	21° 2	1°47	16°58	24°22	20°13	21°40	26°22	n.a.	F 21
S 22	3 51 57	27°37'03	9♊33	17°28	18°59	15°23	11° 9	20°58	1°51	16°59	24°21	20° 5	21°36	26°29	n.a.	S 22
S 23	3 55 53	28°38'15	23°27	18° 8	20°14	16° 7	11° 6	20°54	1°55	17° 0	24°20	20° 0	21°33	26°36	n.a.	S 23
M24	3 59 50	29°39'28	6♋56	18°39	21°29	16°52	11° 3	20°49	1°58	17° 1	24°20	19°57	21°30	26°42	n.a.	M24
T 25	4 3 46	0♐40'41	20° 0	19° 1	22°44	17°36	11° 0	20°45	2° 2	17° 2	24°19	19°D56	21°27	26°49	n.a.	T 25
W26	4 7 43	1°41'54	2♌40	19°14	23°59	18°20	10°57	20°40	2° 6	17° 2	24°18	19°57	21°24	26°56	n.a.	W26
T 27	4 11 40	2°43'08	15° 1	19°R16	25°13	19° 5	10°55	20°36	2° 9	17° 3	24°17	19°58	21°20	27° 2	n.a.	T 27
F 28	4 15 36	3°44'23	27° 7	19° 7	26°28	19°49	10°52	20°31	2°13	17° 4	24°17	19°59	21°17	27° 9	n.a.	F 28
S 29	4 19 33	4°45'38	9♍ 3	18°46	27°43	20°33	10°50	20°27	2°17	17° 5	24°16	19°R59	21°14	27°16	n.a.	S 29
S 30	4 23 29	5♐46'53	20♍54	18♐13	28♐58	21♏18	10♈48	20♊22	2♐20	17♍ 6	24♋15	19♋58	21♋11	27♍23	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s45	14n10	3n 9	19s58	2s 0	19s 5	0s26	11s29	0n 9	3n46	1s32	22n36	0s52	20s28	0n 2	6n50	1n35	30n 8	8n50	21n48	21n46	6n30		n.a.
S 2	14 5	10 24	3 53	20 26	2 4	19 26	0 29	11 45	0 9	3 44	1 32	22 36	0 52	20 29	0 2	6 49	1 35	30 9	8 50	21 49	21 46	6 27		n.a.
M 3	14 25	6 14	4 27	20 52	2 7	19 47	0 31	12 1	0 8	3 41	1 32	22 36	0 52	20 30	0 1	6 49	1 35	30 9	8 51	21 50	21 47	6 25		n.a.
T 4	14 44	1 49	4 50	21 18	2 10	20 7	0 34	12 16	0 7	3 39	1 32	22 36	0 52	20 31	0 1	6 48	1 35	30 9	8 51	21 52	21 47	6 23		n.a.
W 5	15 4	2s43	5 0	21 42	2 13	20 27	0 36	12 32	0 7	3 37	1 31	22 35	0 52	20 31	0 1	6 48	1 35	30 10	8 51	21 54	21 48	6 21		n.a.
T 6	15 23	7 11	4 57	22 5	2 15	20 46	0 38	12 47	0 6	3 35	1 31	22 35	0 52	20 32	0 1	6 47	1 35	30 10	8 52	21 56	21 48	6 18		n.a.
F 7	15 42	11 27	4 40	22 27	2 17	21 5	0 41	13 3	0 5	3 32	1 31	22 35	0 52	20 33	0 1	6 46	1 35	30 10	8 52	21 58	21 49	6 16		n.a.
S 8	16 1	15 17	4 10	22 47	2 19	21 23	0 43	13 18	0 5	3 30	1 31	22 35	0 52	20 34	0 1	6 46	1 35	30 11	8 52	22 0	21 49	6 14		n.a.
S 9	16 19	18 29	3 27	23 6	2 20	21 41	0 45	13 33	0 4	3 28	1 30	22 35	0 52	20 34	0 1	6 45	1 35	30 11	8 53	22 2	21 50	6 11		n.a.
M10	16 37	20 51	2 32	23 24	2 21	21 57	0 48	13 49	0 4	3 26	1 30	22 35	0 52	20 35	0 1	6 45	1 35	30 11	8 53	22 3	21 50	6 9		n.a.
T 11	16 55	22 9	1 29	23 40	2 21	22 14	0 50	14 4	0 3	3 24	1 30	22 34	0 52	20 36	0 1	6 44	1 35	30 12	8 53	22 3	21 51	6 7		n.a.
W12	17 13	22 16	0 20	23 54	2 20	22 29	0 52	14 19	0 2	3 22	1 30	22 34	0 52	20 37	0 1	6 44	1 35	30 12	8 54	22 4	21 51	6 4		n.a.
T 13	17 30	21 6	0s51	24 7	2 19	22 44	0 54	14 33	0 2	3 21	1 29	22 34	0 52	20 37	0 1	6 44	1 35	30 13	8 54	22 4	21 52	6 2		n.a.
F 14	17 47	18 42	2 1	24 18	2 17	22 58	0 57	14 48	0 1	3 19	1 29	22 34	0 52	20 38	0 1	6 43	1 36	30 13	8 54	22 3	21 52	6 0		n.a.
S 15	18 4	15 10	3 5	24 27	2 14	23 12	0 59	15 3	0 0	3 17	1 29	22 34	0 52	20 39	0 1	6 43	1 36	30 13	8 55	22 3	21 53	5 57		n.a.
S 16	18 20	10 43	3 59	24 34	2 11	23 25	1 1	15 17	0s 0	3 16	1 28	22 33	0 51	20 40	0 1	6 42	1 36	30 14	8 55	22 4	21 53	5 55		n.a.
M17	18 36	5 36	4 39	24 40	2 7	23 37	1 3	15 32	0 1	3 14	1 28	22 33	0 51	20 40	0 1	6 42	1 36	30 14	8 55	22 4	21 54	5 53		n.a.
T 18	18 52	0 6	5 1	24 43	2 2	23 48	1 5	15 46	0 2	3 13	1 28	22 33	0 51	20 41	0 1	6 41	1 36	30 15	8 55	22 5	21 54	5 50		n.a.
W19	19 7	5n27	5 4	24 44	1 55	23 59	1 7	16 0	0 2	3 12	1 27	22 33	0 51	20 42	0 1	6 41	1 36	30 15	8 56	22 7	21 55	5 48		n.a.
T 20	19 22	10 40	4 46	24 44	1 48	24 9	1 9	16 14	0 3	3 10	1 27	22 33	0 51	20 43	0 1	6 41	1 36	30 15	8 56	22 8	21 56	5 46		n.a.
F 21	19 36	15 14	4 10	24 41	1 40	24 18	1 11	16 28	0 4	3 9	1 27	22 32	0 51	20 43	0 1	6 40	1 36	30 16	8 56	22 9	21 56	5 43		n.a.
S 22	19 50	18 50	3 19	24 36	1 30	24 27	1 13	16 41	0 4	3 8	1 27	22 32	0 51	20 44	0 1	6 40	1 36	30 16	8 57	22 11	21 57	5 41		n.a.
S 23	20 4	21 15	2 17	24 29	1 19	24 34	1 15	16 55	0 5	3 7	1 26	22 32	0 51	20 45	0 1	6 40	1 36	30 17	8 57	22 11	21 57	5 39		n.a.
M24	20 18	22 21	1 9	24 19	1 7	24 42	1 16	17 8	0 5	3 6	1 26	22 32	0 51	20 45	0 1	6 39	1 36	30 17	8 57	22 12	21 58	5 36		n.a.
T 25	20 31	22 12	0n 0	24 8	0 54	24 48	1 18	17 22	0 6	3 5	1 26	22 31	0 51	20 46	0 1	6 39	1 36	30 17	8 58	22 12	21 58	5 34		n.a.
W26	20 43	20 53	1 8	23 54	0 39	24 53	1 20	17 35	0 7	3 4	1 25	22 31	0 51	20 47	0 1	6 39	1 36	30 18	8 58	22 12	21 59	5 31		n.a.
T 27	20 56	18 35	2 11	23 38	0 23	24 58	1 21	17 48	0 7	3 4	1 25	22 31	0 51	20 48	0 1	6 38	1 36	30 18	8 58	22 12	21 59	5 29		n.a.
F 28	21 8	15 32	3 7	23 20	0 5	25 2	1 23	18 1	0 8	3 3	1 25	22 31	0 51	20 48	0 1	6 38	1 36	30 19	8 58	22 11	22 0	5 27		n.a.
S 29	21 19	11 52	3 54	23 0	0n13	25 5	1 25	18 13	0 9	3 3	1 24	22 30	0 51	20 49	0 1	6 38	1 36	30 19	8 59	22 11	22 0	5 24		n.a.
S 30	21s30	7n47	4n31	22s38	0n32	25s 8	1s26	18s26	0s 9	3n 2	1s24	22n30	0s51	20s50	0n 1	6n38	1n36	30n20	8n59	22n12	22n 1	5n22		n.a.

Julian Day Number = 1710769.5, Delta T = 03h00m51s
Ecliptic obliquity = 23°41'51, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°27'55, Lahiri = - 4°20'54 Julian Calendar 1 Nov. 30 BCE == Greg. Calendar 30 Oct. 030 BCE

The year -29 astronomical counting style corresponds to year 030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 30 BCE
geocentric

DECEMBER 30 BCE (-29) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 27 26	6♐48'08	2♎45	17°R29	0♑13	22♏ 3	10°R47	20°R17	2♐24	17♍ 6	24°R14	19°R54	21♋ 8	27♍29	n.a.	M 1
T 2	4 31 22	7°49'24	14°41	16♐34	1°27	22°47	10♈45	20♊12	2°27	17° 7	24♋13	19♋49	21° 5	27°36	n.a.	T 2
W 3	4 35 19	8°50'40	26°46	15°29	2°42	23°32	10°44	20° 8	2°31	17° 8	24°12	19°42	21° 1	27°43	n.a.	W 3
T 4	4 39 16	9°51'57	9♏ 1	14°17	3°57	24°16	10°43	20° 3	2°35	17° 8	24°11	19°35	20°58	27°49	n.a.	T 4
F 5	4 43 12	10°53'13	21°30	13° 0	5°12	25° 1	10°42	19°58	2°38	17° 9	24°10	19°27	20°55	27°56	n.a.	F 5
S 6	4 47 9	11°54'29	4♐13	11°39	6°26	25°46	10°41	19°53	2°42	17°10	24° 9	19°20	20°52	28° 3	n.a.	S 6
S 7	4 51 5	12°55'46	17°10	10°18	7°41	26°31	10°41	19°48	2°45	17°10	24° 8	19°15	20°49	28°10	n.a.	S 7
M 8	4 55 2	13°57'02	0♑21	8°59	8°56	27°16	10°41	19°43	2°49	17°11	24° 7	19°12	20°46	28°16	n.a.	M 8
T 9	4 58 58	14°58'18	13°44	7°46	10°10	28° 1	10°D41	19°38	2°53	17°11	24° 6	19°D10	20°42	28°23	n.a.	T 9
W10	5 2 55	15°59'33	27°18	6°38	11°25	28°45	10°41	19°33	2°56	17°12	24° 5	19°10	20°39	28°30	n.a.	W10
T 11	5 6 51	17° 0'48	11♒ 1	5°39	12°40	29°30	10°41	19°28	3° 0	17°12	24° 4	19°11	20°36	28°36	n.a.	T 11
F 12	5 10 48	18° 2'03	24°54	4°49	13°54	0♐15	10°42	19°23	3° 3	17°12	24° 3	19°13	20°33	28°43	n.a.	F 12
S 13	5 14 45	19° 3'16	8♓54	4° 9	15° 9	1° 0	10°43	19°18	3° 7	17°13	24° 2	19°14	20°30	28°50	n.a.	S 13
S 14	5 18 41	20° 4'29	23° 1	3°39	16°23	1°46	10°44	19°13	3°10	17°13	24° 1	19°R15	20°26	28°57	n.a.	S 14
M15	5 22 38	21° 5'41	7♈14	3°18	17°38	2°31	10°45	19° 8	3°14	17°13	24° 0	19°14	20°23	29° 3	n.a.	M15
T 16	5 26 34	22° 6'52	21°30	3° 7	18°52	3°16	10°46	19° 3	3°17	17°13	23°58	19°11	20°20	29°10	n.a.	T 16
W17	5 30 31	23° 8'03	5♉45	3°D 5	20° 6	4° 1	10°48	18°58	3°21	17°14	23°57	19° 8	20°17	29°17	n.a.	W17
T 18	5 34 27	24° 9'12	19°57	3°11	21°21	4°46	10°50	18°54	3°24	17°14	23°56	19° 4	20°14	29°23	n.a.	T 18
F 19	5 38 24	25°10'21	4♊ 1	3°25	22°35	5°31	10°52	18°49	3°28	17°14	23°55	19° 0	20°11	29°30	n.a.	F 19
S 20	5 42 20	26°11'30	17°52	3°46	23°50	6°17	10°54	18°44	3°31	17°14	23°54	18°57	20° 7	29°37	n.a.	S 20
S 21	5 46 17	27°12'37	1♋27	4°13	25° 4	7° 2	10°57	18°39	3°35	17°14	23°52	18°55	20° 4	29°44	n.a.	S 21
M22	5 50 14	28°13'44	14°44	4°47	26°18	7°48	10°59	18°34	3°38	17°R14	23°51	18°D54	20° 1	29°50	n.a.	M22
T 23	5 54 10	29°14'50	27°42	5°25	27°32	8°33	11° 2	18°29	3°41	17°14	23°50	18°55	19°58	29°57	n.a.	T 23
W24	5 58 7	0♑15'55	10♌21	6° 9	28°47	9°18	11° 5	18°24	3°45	17°14	23°48	18°56	19°55	0♎ 4	n.a.	W24
T 25	6 2 3	1°17'00	22°43	6°57	0♒ 1	10° 4	11° 8	18°20	3°48	17°14	23°47	18°57	19°52	0°10	n.a.	T 25
F 26	6 6 0	2°18'04	4♍51	7°48	1°15	10°49	11°12	18°15	3°51	17°14	23°46	18°59	19°48	0°17	n.a.	F 26
S 27	6 9 56	3°19'07	16°49	8°44	2°29	11°35	11°15	18°10	3°55	17°13	23°44	19° 0	19°45	0°24	n.a.	S 27
S 28	6 13 53	4°20'10	28°42	9°42	3°43	12°20	11°19	18° 5	3°58	17°13	23°43	19° 1	19°42	0°31	n.a.	S 28
M29	6 17 50	5°21'12	10♎34	10°44	4°57	13° 6	11°23	18° 1	4° 1	17°13	23°42	19°R 1	19°39	0°37	n.a.	M29
T 30	6 21 46	6°22'13	22°31	11°48	6°11	13°52	11°27	17°56	4° 4	17°13	23°40	19° 0	19°36	0°44	n.a.	T 30
W31	6 25 43	7♑23'13	4♏36	12♐54	7♒25	14♐37	11♈32	17♊52	4♐ 8	17♍12	23♋39	18♋59	19♋32	0♎51	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	21s41	3n24	4n56	22s14	0n52	25s 9	1s27	18s38	0s10	3n 2	1s24	22n30	0s50	20s51	0n 1	6n37	1n37	30n20	8n59	22n12	22n 1	5n20			n.a.
T 2	21 51	1s 7	5 8	21 49	1 12	25 10	1 29	18 50	0 11	3 1	1 23	22 30	0 50	20 51	0 1	6 37	1 37	30 20	8 59	22 13	22 2	5 17			n.a.
W 3	22 1	5 40	5 7	21 22	1 32	25 10	1 30	19 2	0 11	3 1	1 23	22 29	0 50	20 52	0 1	6 37	1 37	30 21	9 0	22 14	22 2	5 15			n.a.
T 4	22 10	10 3	4 52	20 55	1 51	25 10	1 31	19 14	0 12	3 1	1 23	22 29	0 50	20 53	0 1	6 37	1 37	30 21	9 0	22 15	22 3	5 12			n.a.
F 5	22 19	14 7	4 23	20 28	2 9	25 8	1 33	19 26	0 13	3 1	1 22	22 29	0 50	20 54	0 1	6 37	1 37	30 22	9 0	22 16	22 3	5 10			n.a.
S 6	22 28	17 37	3 40	20 1	2 25	25 6	1 34	19 37	0 13	3 1	1 22	22 29	0 50	20 54	0 1	6 36	1 37	30 22	9 1	22 17	22 4	5 8			n.a.
S 7	22 36	20 20	2 45	19 36	2 40	25 3	1 35	19 49	0 14	3 1	1 22	22 28	0 50	20 55	0 1	6 36	1 37	30 23	9 1	22 18	22 4	5 5			n.a.
M 8	22 43	22 1	1 41	19 12	2 52	24 59	1 36	20 0	0 15	3 2	1 21	22 28	0 50	20 56	0 1	6 36	1 37	30 23	9 1	22 18	22 4	5 3			n.a.
T 9	22 50	22 29	0 30	18 51	3 2	24 55	1 37	20 11	0 15	3 2	1 21	22 28	0 50	20 56	0 1	6 36	1 37	30 23	9 1	22 19	22 5	5 1			n.a.
W10	22 57	21 39	0s44	18 33	3 9	24 49	1 37	20 22	0 16	3 2	1 21	22 27	0 50	20 57	0 1	6 36	1 37	30 24	9 2	22 19	22 5	4 58			n.a.
T 11	23 3	19 31	1 57	18 18	3 14	24 43	1 38	20 32	0 17	3 3	1 20	22 27	0 50	20 58	0 1	6 36	1 37	30 24	9 2	22 18	22 6	4 56			n.a.
F 12	23 9	16 14	3 3	18 7	3 16	24 36	1 39	20 42	0 17	3 3	1 20	22 27	0 49	20 59	0 1	6 36	1 37	30 25	9 2	22 18	22 6	4 53			n.a.
S 13	23 14	12 0	3 59	17 59	3 17	24 29	1 40	20 53	0 18	3 4	1 20	22 27	0 49	20 59	0 1	6 36	1 37	30 25	9 2	22 18	22 7	4 51			n.a.
S 14	23 19	7 6	4 41	17 54	3 16	24 20	1 40	21 3	0 19	3 5	1 19	22 26	0 49	21 0	0 1	6 36	1 37	30 26	9 2	22 18	22 7	4 49			n.a.
M15	23 24	1 47	5 7	17 53	3 13	24 11	1 41	21 12	0 19	3 5	1 19	22 26	0 49	21 1	0 1	6 36	1 37	30 26	9 3	22 18	22 8	4 46			n.a.
T 16	23 28	3n38	5 13	17 55	3 9	24 1	1 41	21 22	0 20	3 6	1 19	22 26	0 49	21 1	0 1	6 36	1 37	30 27	9 3	22 18	22 8	4 44			n.a.
W17	23 31	8 52	5 0	18 0	3 4	23 51	1 42	21 31	0 21	3 7	1 18	22 25	0 49	21 2	0 1	6 36	1 38	30 27	9 3	22 19	22 9	4 41			n.a.
T 18	23 34	13 36	4 29	18 7	2 57	23 39	1 42	21 40	0 21	3 8	1 18	22 25	0 49	21 3	0 1	6 36	1 38	30 27	9 3	22 19	22 9	4 39			n.a.
F 19	23 36	17 32	3 42	18 17	2 50	23 28	1 42	21 49	0 22	3 9	1 18	22 25	0 49	21 3	0 1	6 36	1 38	30 28	9 4	22 20	22 10	4 37			n.a.
S 20	23 39	20 26	2 43	18 28	2 42	23 15	1 42	21 58	0 23	3 10	1 17	22 24	0 49	21 4	0 1	6 36	1 38	30 28	9 4	22 20	22 10	4 34			n.a.
S 21	23 40	22 7	1 35	18 42	2 34	23 1	1 42	22 6	0 23	3 12	1 17	22 24	0 48	21 5	0 1	6 36	1 38	30 29	9 4	22 21	22 11	4 32			n.a.
M22	23 41	22 30	0 23	18 56	2 26	22 47	1 42	22 15	0 24	3 13	1 17	22 24	0 48	21 5	0 1	6 36	1 38	30 29	9 4	22 21	22 11	4 29			n.a.
T 23	23 42	21 38	0n48	19 12	2 17	22 33	1 42	22 23	0 25	3 15	1 16	22 24	0 48	21 6	0 1	6 36	1 38	30 30	9 4	22 21	22 12	4 27			n.a.
W24	23 42	19 41	1 56	19 28	2 7	22 17	1 42	22 30	0 25	3 16	1 16	22 23	0 48	21 7	0 1	6 36	1 38	30 30	9 5	22 21	22 12	4 24			n.a.
T 25	23 41	16 52	2 56	19 46	1 58	22 1	1 42	22 38	0 26	3 18	1 16	22 23	0 48	21 7	0 1	6 36	1 38	30 30	9 5	22 20	22 13	4 22			n.a.
F 26	23 41	13 21	3 47	20 4	1 49	21 45	1 41	22 45	0 27	3 19	1 15	22 23	0 48	21 8	0 1	6 36	1 38	30 31	9 5	22 20	22 13	4 20			n.a.
S 27	23 39	9 22	4 28	20 22	1 39	21 27	1 41	22 52	0 28	3 21	1 15	22 22	0 48	21 9	0 1	6 36	1 38	30 31	9 5	22 20	22 14	4 17			n.a.
S 28	23 38	5 3	4 57	20 40	1 30	21 9	1 40	22 59	0 28	3 23	1 15	22 22	0 47	21 9	0 1	6 36	1 38	30 32	9 5	22 20	22 14	4 15			n.a.
M29	23 35	0 34	5 13	20 58	1 20	20 51	1 40	23 6	0 29	3 25	1 14	22 22	0 47	21 10	0 1	6 36	1 38	30 32	9 5	22 20	22 14	4 12			n.a.
T 30	23 33	3s58	5 16	21 17	1 11	20 32	1 39	23 12	0 30	3 27	1 14	22 22	0 47	21 10	0 1	6 37	1 38	30 33	9 6	22 20	22 15	4 10			n.a.
W31	23s29	8s25	5n 5	21s34	1n 1	20s12	1s39	23s18	0s30	3n29	1s14	22n21	0s47	21s11	0n 1	6n37	1n38	30n33	9n 6	22n20	22n15	4n 7			n.a.

Julian Day Number = 1710799.5, Delta T = 03h00m50s
Ecliptic obliquity = 23°41'51, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°27'51, Lahiri = - 4°20'50 Julian Calendar 1 Dec. 30 BCE == Greg. Calendar 29 Nov. 030 BCE

The year -29 astronomical counting style corresponds to year 030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 29 BCE
geocentric

JANUARY 29 BCE (-28) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 29 39	8♑24'13	16♏54	14♐ 3	8♒39	15♐23	11♈36	17°R47	4♐11	17°R12	23°R38	18°R57	19♋29	0♎57	n.a.	T 1
F 2	6 33 36	9°25'11	29°28	15°13	9°53	16° 9	11°41	17♊43	4°14	17♍12	23♋36	18♋56	19°26	1° 4	n.a.	F 2
S 3	6 37 32	10°26'09	12♐21	16°26	11° 6	16°55	11°46	17°38	4°17	17°11	23°35	18°55	19°23	1°11	n.a.	S 3
S 4	6 41 29	11°27'06	25°33	17°40	12°20	17°41	11°51	17°34	4°20	17°11	23°33	18°54	19°20	1°18	n.a.	S 4
M 5	6 45 25	12°28'01	9♑ 4	18°56	13°34	18°26	11°56	17°30	4°23	17°11	23°32	18°53	19°17	1°24	n.a.	M 5
T 6	6 49 22	13°28'56	22°52	20°13	14°48	19°12	12° 2	17°25	4°26	17°10	23°31	18°D53	19°13	1°31	n.a.	T 6
W 7	6 53 19	14°29'49	6♒54	21°32	16° 1	19°58	12° 7	17°21	4°29	17°10	23°29	18°53	19°10	1°38	n.a.	W 7
T 8	6 57 15	15°30'40	21° 7	22°52	17°15	20°44	12°13	17°17	4°32	17° 9	23°28	18°54	19° 7	1°44	n.a.	T 8
F 9	7 1 12	16°31'30	5♓25	24°13	18°28	21°30	12°19	17°13	4°35	17° 8	23°26	18°54	19° 4	1°51	n.a.	F 9
S 10	7 5 8	17°32'18	19°45	25°35	19°42	22°16	12°25	17° 9	4°38	17° 8	23°25	18°54	19° 1	1°58	n.a.	S 10
S 11	7 9 5	18°33'05	4♈ 3	26°58	20°55	23° 2	12°31	17° 5	4°41	17° 7	23°23	18°R54	18°58	2° 5	n.a.	S 11
M12	7 13 1	19°33'50	18°16	28°23	22° 9	23°48	12°38	17° 2	4°44	17° 6	23°22	18°D54	18°54	2°11	n.a.	M12
T 13	7 16 58	20°34'33	2♉22	29°49	23°22	24°34	12°45	16°58	4°47	17° 6	23°20	18°54	18°51	2°18	n.a.	T 13
W14	7 20 54	21°35'14	16°18	1♑15	24°35	25°20	12°51	16°54	4°49	17° 5	23°19	18°54	18°48	2°25	n.a.	W14
T 15	7 24 51	22°35'53	0♊ 5	2°43	25°49	26° 6	12°58	16°51	4°52	17° 4	23°17	18°55	18°45	2°32	n.a.	T 15
F 16	7 28 48	23°36'31	13°40	4°11	27° 2	26°52	13° 5	16°47	4°55	17° 3	23°16	18°55	18°42	2°38	n.a.	F 16
S 17	7 32 44	24°37'07	27° 2	5°41	28°15	27°39	13°13	16°44	4°58	17° 3	23°15	18°56	18°38	2°45	n.a.	S 17
S 18	7 36 41	25°37'42	10♋12	7°11	29°28	28°25	13°20	16°41	5° 0	17° 2	23°13	18°56	18°35	2°52	n.a.	S 18
M19	7 40 37	26°38'14	23° 8	8°42	0♓41	29°11	13°28	16°37	5° 3	17° 1	23°12	18°R56	18°32	2°58	n.a.	M19
T 20	7 44 34	27°38'45	5♌50	10°15	1°53	29°57	13°35	16°34	5° 5	17° 0	23°10	18°56	18°29	3° 5	n.a.	T 20
W21	7 48 30	28°39'14	18°19	11°48	3° 6	0♑43	13°43	16°31	5° 8	16°59	23° 9	18°55	18°26	3°12	n.a.	W21
T 22	7 52 27	29°39'42	0♍36	13°22	4°19	1°30	13°51	16°28	5°10	16°58	23° 7	18°54	18°23	3°19	n.a.	T 22
F 23	7 56 23	0♒40'08	12°43	14°57	5°32	2°16	13°59	16°25	5°13	16°57	23° 6	18°52	18°19	3°25	n.a.	F 23
S 24	8 0 20	1°40'32	24°41	16°33	6°44	3° 2	14° 8	16°23	5°15	16°56	23° 4	18°50	18°16	3°32	n.a.	S 24
S 25	8 4 17	2°40'55	6♎34	18°10	7°57	3°49	14°16	16°20	5°18	16°55	23° 3	18°48	18°13	3°39	n.a.	S 25
M26	8 8 13	3°41'16	18°26	19°48	9° 9	4°35	14°24	16°17	5°20	16°54	23° 2	18°47	18°10	3°45	n.a.	M26
T 27	8 12 10	4°41'36	0♏22	21°27	10°21	5°21	14°33	16°15	5°22	16°53	23° 0	18°D46	18° 7	3°52	n.a.	T 27
W28	8 16 6	5°41'54	12°25	23° 7	11°34	6° 8	14°42	16°13	5°24	16°52	22°59	18°46	18° 4	3°59	n.a.	W28
T 29	8 20 3	6°42'10	24°41	24°48	12°46	6°54	14°51	16°10	5°27	16°50	22°57	18°47	18° 0	4° 6	n.a.	T 29
F 30	8 23 59	7°42'26	7♐14	26°30	13°58	7°40	15° 0	16° 8	5°29	16°49	22°56	18°48	17°57	4°12	n.a.	F 30
S 31	8 27 56	8♒42'39	20♐ 7	28♑12	15♓10	8♑27	15♈ 9	16♊ 6	5♐31	16♍48	22♋54	18♋50	17♋54	4♎19	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23 s26	12 s36	4n40	21 s52	0n52	19 s52	1 s38	23 s24	0 s31	3n31	1 s13	22n21	0 s47	21 s12	0n 1	6n37	1n38	30n33	9n 6	22n20	22n16	4n 5		n.a.
F 2	23 22	16 20	4 1	22 9	0 43	19 31	1 37	23 29	0 32	3 33	1 13	22 21	0 47	21 12	0 1	6 37	1 39	30 34	9 6	22 21	22 16	4 3		n.a.
S 3	23 17	19 24	3 9	22 26	0 34	19 10	1 36	23 35	0 32	3 35	1 13	22 20	0 47	21 13	0 1	6 37	1 39	30 34	9 6	22 21	22 17	4 0		n.a.
S 4	23 12	21 32	2 6	22 42	0 25	18 48	1 35	23 40	0 33	3 37	1 13	22 20	0 47	21 13	0 1	6 38	1 39	30 35	9 6	22 21	22 17	3 58		n.a.
M 5	23 6	22 29	0 54	22 57	0 17	18 26	1 34	23 45	0 34	3 40	1 12	22 20	0 46	21 14	0 1	6 38	1 39	30 35	9 6	22 21	22 18	3 55		n.a.
T 6	23 0	22 6	0 s22	23 12	0 8	18 3	1 33	23 49	0 34	3 42	1 12	22 20	0 46	21 15	0 1	6 38	1 39	30 35	9 7	22 21	22 18	3 53		n.a.
W 7	22 54	20 20	1 38	23 26	0 s 0	17 39	1 31	23 54	0 35	3 45	1 12	22 19	0 46	21 15	0 1	6 38	1 39	30 36	9 7	22 21	22 19	3 50		n.a.
T 8	22 47	17 17	2 49	23 39	0 8	17 16	1 30	23 58	0 36	3 47	1 11	22 19	0 46	21 16	0 1	6 39	1 39	30 36	9 7	22 21	22 19	3 48		n.a.
F 9	22 40	13 11	3 50	23 50	0 16	16 51	1 29	24 1	0 36	3 50	1 11	22 19	0 46	21 16	0 1	6 39	1 39	30 36	9 7	22 21	22 20	3 45		n.a.
S 10	22 32	8 20	4 37	24 1	0 24	16 27	1 27	24 5	0 37	3 52	1 11	22 19	0 46	21 17	0 1	6 39	1 39	30 37	9 7	22 21	22 20	3 43		n.a.
S 11	22 24	3 3	5 7	24 11	0 32	16 1	1 25	24 8	0 38	3 55	1 10	22 19	0 45	21 17	0 1	6 39	1 39	30 37	9 7	22 21	22 20	3 40		n.a.
M12	22 15	2n21	5 17	24 20	0 39	15 36	1 24	24 11	0 38	3 58	1 10	22 18	0 45	21 18	0 1	6 40	1 39	30 38	9 7	22 21	22 21	3 38		n.a.
T 13	22 6	7 36	5 9	24 28	0 46	15 10	1 22	24 14	0 39	4 1	1 10	22 18	0 45	21 18	0 1	6 40	1 39	30 38	9 7	22 21	22 21	3 36		n.a.
W14	21 57	12 24	4 42	24 34	0 53	14 44	1 20	24 16	0 40	4 4	1 10	22 18	0 45	21 19	0 1	6 40	1 39	30 38	9 7	22 21	22 22	3 33		n.a.
T 15	21 47	16 29	3 59	24 39	0 59	14 17	1 18	24 19	0 40	4 7	1 9	22 18	0 45	21 19	0 1	6 41	1 39	30 39	9 7	22 21	22 22	3 31		n.a.
F 16	21 37	19 39	3 3	24 43	1 5	13 50	1 16	24 20	0 41	4 10	1 9	22 18	0 45	21 20	0 1	6 41	1 39	30 39	9 8	22 21	22 23	3 28		n.a.
S 17	21 26	21 41	1 59	24 46	1 12	13 22	1 14	24 22	0 41	4 13	1 9	22 17	0 45	21 20	0 1	6 42	1 39	30 39	9 8	22 21	22 23	3 26		n.a.
S 18	21 15	22 30	0 48	24 47	1 17	12 55	1 12	24 23	0 42	4 16	1 8	22 17	0 44	21 21	0 1	6 42	1 39	30 40	9 8	22 21	22 24	3 23		n.a.
M19	21 3	22 4	0n23	24 47	1 23	12 26	1 10	24 24	0 43	4 19	1 8	22 17	0 44	21 21	0 1	6 42	1 39	30 40	9 8	22 21	22 24	3 21		n.a.
T 20	20 51	20 30	1 32	24 45	1 28	11 58	1 8	24 25	0 43	4 23	1 8	22 17	0 44	21 22	0 1	6 43	1 40	30 40	9 8	22 21	22 24	3 18		n.a.
W21	20 39	17 58	2 36	24 42	1 33	11 29	1 5	24 26	0 44	4 26	1 8	22 17	0 44	21 22	0 1	6 43	1 40	30 41	9 8	22 21	22 25	3 16		n.a.
T 22	20 26	14 39	3 31	24 38	1 37	11 0	1 3	24 26	0 45	4 29	1 7	22 17	0 44	21 23	0 1	6 44	1 40	30 41	9 8	22 21	22 25	3 13		n.a.
F 23	20 13	10 47	4 15	24 32	1 42	10 31	1 1	24 26	0 45	4 33	1 7	22 17	0 44	21 23	0 1	6 44	1 40	30 41	9 8	22 21	22 26	3 11		n.a.
S 24	20 0	6 32	4 48	24 24	1 45	10 2	0 58	24 26	0 46	4 36	1 7	22 16	0 43	21 24	0 1	6 44	1 40	30 42	9 8	22 21	22 26	3 8		n.a.
S 25	19 46	2 5	5 9	24 15	1 49	9 32	0 55	24 25	0 47	4 40	1 7	22 16	0 43	21 24	0 1	6 45	1 40	30 42	9 8	22 22	22 27	3 6		n.a.
M26	19 32	2 s26	5 16	24 4	1 52	9 2	0 53	24 24	0 47	4 43	1 6	22 16	0 43	21 25	0 1	6 45	1 40	30 42	9 8	22 22	22 27	3 3		n.a.
T 27	19 18	6 54	5 10	23 52	1 55	8 32	0 50	24 23	0 48	4 47	1 6	22 16	0 43	21 25	0 1	6 46	1 40	30 42	9 8	22 22	22 27	3 1		n.a.
W28	19 3	11 8	4 50	23 38	1 58	8 2	0 47	24 22	0 49	4 51	1 6	22 16	0 43	21 25	0 1	6 46	1 40	30 43	9 8	22 22	22 28	2 58		n.a.
T 29	18 48	15 0	4 16	23 22	2 0	7 31	0 44	24 20	0 49	4 54	1 5	22 16	0 43	21 26	0 1	6 47	1 40	30 43	9 8	22 22	22 28	2 56		n.a.
F 30	18 32	18 18	3 30	23 4	2 2	7 1	0 41	24 18	0 50	4 58	1 5	22 16	0 42	21 26	0 1	6 47	1 40	30 43	9 8	22 22	22 29	2 53		n.a.
S 31	18 s17	20 s48	2n32	22 s45	2 s 3	6 s30	0 s38	24 s16	0 s50	5n 2	1 s 5	22n16	0 s42	21 s27	0n 1	6n48	1n40	30n43	9n 8	22n21	22n29	2n51		n.a.

Julian Day Number = 1710830.5, Delta T = 03h00m49s
Ecliptic obliquity = 23°41'51, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°27'47, Lahiri = - 4°20'46 Julian Calendar 1 Jan. 29 BCE == Greg. Calendar 30 Dec. 030 BCE

The year -28 astronomical counting style corresponds to year 029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 29 BCE
geocentric

FEBRUARY 29 BCE (-28) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 31 52	9♒42'51	3♉24	29♉56	16♓22	9♉13	15♈19	16°R 4	5♐33	16°R47	22°R53	18♋51	17♋51	4♎26	n.a.	S 1
M 2	8 35 49	10°43'01	17° 6	1♒41	17°34	10° 0	15°28	16♊ 2	5°35	16♍46	22♋52	18°R52	17°48	4°32	n.a.	M 2
T 3	8 39 46	11°43'09	1♒11	3°27	18°46	10°46	15°38	16° 1	5°37	16°44	22°50	18°51	17°44	4°39	n.a.	T 3
W 4	8 43 42	12°43'15	15°37	5°15	19°57	11°33	15°47	15°59	5°39	16°43	22°49	18°50	17°41	4°46	n.a.	W 4
T 5	8 47 39	13°43'19	0♓17	7° 3	21° 9	12°19	15°57	15°57	5°41	16°42	22°48	18°47	17°38	4°53	n.a.	T 5
F 6	8 51 35	14°43'22	15° 5	8°52	22°20	13° 6	16° 7	15°56	5°43	16°40	22°46	18°43	17°35	4°59	n.a.	F 6
S 7	8 55 32	15°43'21	29°53	10°42	23°32	13°52	16°17	15°55	5°44	16°39	22°45	18°40	17°32	5° 6	n.a.	S 7
S 8	8 59 28	16°43'19	14♈33	12°34	24°43	14°39	16°27	15°54	5°46	16°38	22°44	18°36	17°29	5°13	n.a.	S 8
M 9	9 3 25	17°43'14	28°59	14°26	25°54	15°25	16°38	15°52	5°48	16°36	22°42	18°34	17°25	5°20	n.a.	M 9
T 10	9 7 21	18°43'08	13♉ 9	16°20	27° 5	16°12	16°48	15°52	5°50	16°35	22°41	18°D32	17°22	5°26	n.a.	T 10
W11	9 11 18	19°42'58	27° 0	18°15	28°16	16°58	16°58	15°51	5°51	16°34	22°40	18°32	17°19	5°33	n.a.	W11
T 12	9 15 15	20°42'47	10♊33	20°10	29°27	17°45	17° 9	15°50	5°53	16°32	22°38	18°34	17°16	5°40	n.a.	T 12
F 13	9 19 11	21°42'33	23°49	22° 7	0♈38	18°31	17°20	15°49	5°54	16°31	22°37	18°35	17°13	5°46	n.a.	F 13
S 14	9 23 8	22°42'17	6♋49	24° 4	1°49	19°18	17°30	15°49	5°56	16°29	22°36	18°37	17°10	5°53	n.a.	S 14
S 15	9 27 4	23°41'58	19°36	26° 2	2°59	20° 5	17°41	15°48	5°57	16°28	22°35	18°R37	17° 6	6° 0	n.a.	S 15
M16	9 31 1	24°41'37	2♌11	28° 1	4° 9	20°51	17°52	15°48	5°59	16°26	22°34	18°36	17° 3	6° 7	n.a.	M16
T 17	9 34 57	25°41'14	14°36	0♓ 1	5°20	21°38	18° 3	15°48	6° 0	16°25	22°32	18°34	17° 0	6°13	n.a.	T 17
W18	9 38 54	26°40'49	26°52	2° 0	6°30	22°24	18°15	15°D48	6° 1	16°23	22°31	18°29	16°57	6°20	n.a.	W18
T 19	9 42 50	27°40'22	8♍59	4° 0	7°40	23°11	18°26	15°48	6° 2	16°22	22°30	18°23	16°54	6°27	n.a.	T 19
F 20	9 46 47	28°39'52	21° 0	6° 0	8°50	23°57	18°37	15°48	6° 3	16°20	22°29	18°15	16°50	6°33	n.a.	F 20
S 21	9 50 43	29°39'21	2♎56	8° 0	9°59	24°44	18°49	15°48	6° 5	16°19	22°28	18° 7	16°47	6°40	n.a.	S 21
S 22	9 54 40	0♓38'47	14°49	9°59	11° 9	25°31	19° 0	15°49	6° 6	16°17	22°27	18° 0	16°44	6°47	n.a.	S 22
M23	9 58 37	1°38'12	26°41	11°58	12°19	26°17	19°12	15°49	6° 7	16°15	22°26	17°53	16°41	6°54	n.a.	M23
T 24	10 2 33	2°37'34	8♏36	13°55	13°28	27° 4	19°23	15°50	6° 8	16°14	22°25	17°48	16°38	7° 0	n.a.	T 24
W25	10 6 30	3°36'55	20°37	15°51	14°37	27°50	19°35	15°50	6° 9	16°12	22°23	17°45	16°35	7° 7	n.a.	W25
T 26	10 10 26	4°36'14	2♐50	17°44	15°46	28°37	19°47	15°51	6° 9	16°11	22°22	17°D44	16°31	7°14	n.a.	T 26
F 27	10 14 23	5°35'31	15°18	19°36	16°55	29°23	19°59	15°52	6°10	16° 9	22°21	17°44	16°28	7°21	n.a.	F 27
S 28	10 18 19	6°34'47	28° 7	21°24	18° 4	0♒10	20°11	15°53	6°11	16° 7	22°20	17°46	16°25	7°27	n.a.	S 28
S 29	10 22 16	7♓34'00	11♉20	23♓ 9	19♈12	0♒57	20♈23	15♊54	6♐12	16♍ 6	22♋20	17°R47	16♋22	7♎34	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s 1	22s15	1n24	22s24	2s 4	5s59	0s35	24s13	0s51	5n 6	1s 5	22n16	0s42	21s27	0n 1	6n48	1n40	30n44	9n 8	22n21	22n30	2n48		n.a.
M 2	17 44	22 26	0 10	22 1	2 4	5 28	0 32	24 10	0 52	5 10	1 4	22 16	0 42	21 27	0 1	6 49	1 40	30 44	9 8	22 21	22 30	2 46		n.a.
T 3	17 27	21 12	1s 7	21 36	2 4	4 56	0 29	24 7	0 52	5 14	1 4	22 16	0 42	21 28	0 1	6 49	1 40	30 44	9 8	22 21	22 30	2 43		n.a.
W 4	17 10	18 35	2 22	21 10	2 4	4 25	0 26	24 4	0 53	5 18	1 4	22 16	0 41	21 28	0 1	6 50	1 40	30 44	9 8	22 22	22 31	2 41		n.a.
T 5	16 53	14 44	3 28	20 42	2 3	3 53	0 23	24 0	0 53	5 22	1 4	22 16	0 41	21 28	0 1	6 51	1 40	30 45	9 8	22 22	22 31	2 38		n.a.
F 6	16 36	9 56	4 21	20 11	2 2	3 22	0 19	23 56	0 54	5 26	1 4	22 16	0 41	21 29	0 1	6 51	1 40	30 45	9 8	22 22	22 32	2 36		n.a.
S 7	16 18	4 35	4 57	19 40	2 0	2 50	0 16	23 52	0 55	5 30	1 3	22 16	0 41	21 29	0 1	6 52	1 40	30 45	9 8	22 23	22 32	2 33		n.a.
S 8	16 0	1n 0	5 12	19 6	1 58	2 19	0 12	23 48	0 55	5 34	1 3	22 16	0 41	21 29	0 1	6 52	1 40	30 45	9 8	22 23	22 33	2 31		n.a.
M 9	15 41	6 26	5 8	18 30	1 55	1 47	0 9	23 43	0 56	5 38	1 3	22 16	0 41	21 30	0 1	6 53	1 40	30 46	9 8	22 24	22 33	2 28		n.a.
T 10	15 23	11 26	4 45	17 53	1 51	1 15	0 5	23 38	0 56	5 43	1 3	22 16	0 40	21 30	0 1	6 53	1 40	30 46	9 8	22 24	22 33	2 26		n.a.
W11	15 4	15 43	4 6	17 13	1 47	0 43	0 2	23 33	0 57	5 47	1 2	22 16	0 40	21 30	0 1	6 54	1 40	30 46	9 8	22 24	22 34	2 23		n.a.
T 12	14 45	19 5	3 13	16 32	1 43	0 12	0n 2	23 27	0 58	5 51	1 2	22 16	0 40	21 31	0 1	6 55	1 41	30 46	9 8	22 24	22 34	2 21		n.a.
F 13	14 25	21 22	2 11	15 50	1 38	0n20	0 5	23 22	0 58	5 55	1 2	22 16	0 40	21 31	0 1	6 55	1 41	30 46	9 8	22 24	22 35	2 18		n.a.
S 14	14 6	22 27	1 4	15 5	1 32	0 52	0 9	23 16	0 59	6 0	1 2	22 16	0 40	21 31	0 1	6 56	1 41	30 46	9 8	22 23	22 35	2 16		n.a.
S 15	13 46	22 20	0n 5	14 19	1 26	1 24	0 13	23 9	0 59	6 4	1 1	22 17	0 40	21 31	0 1	6 56	1 41	30 47	9 8	22 23	22 35	2 13		n.a.
M16	13 26	21 4	1 13	13 31	1 19	1 55	0 17	23 3	1 0	6 9	1 1	22 17	0 39	21 32	0 1	6 57	1 41	30 47	9 8	22 23	22 36	2 11		n.a.
T 17	13 6	18 48	2 17	12 42	1 11	2 27	0 20	22 56	1 0	6 13	1 1	22 17	0 39	21 32	0 1	6 58	1 41	30 47	9 8	22 24	22 36	2 8		n.a.
W18	12 45	15 42	3 13	11 51	1 3	2 59	0 24	22 49	1 1	6 17	1 1	22 17	0 39	21 32	0 1	6 58	1 41	30 47	9 8	22 24	22 37	2 6		n.a.
T 19	12 25	11 58	3 59	10 59	0 54	3 30	0 28	22 42	1 1	6 22	1 1	22 17	0 39	21 32	0 1	6 59	1 41	30 47	9 7	22 25	22 37	2 3		n.a.
F 20	12 4	7 48	4 35	10 6	0 45	4 2	0 32	22 34	1 2	6 27	1 0	22 17	0 39	21 33	0 1	7 0	1 41	30 47	9 7	22 26	22 37	2 1		n.a.
S 21	11 43	3 22	4 58	9 12	0 35	4 33	0 36	22 26	1 3	6 31	1 0	22 18	0 39	21 33	0 1	7 0	1 41	30 47	9 7	22 27	22 38	1 58		n.a.
S 22	11 22	1s10	5 8	8 17	0 25	5 4	0 40	22 18	1 3	6 36	1 0	22 18	0 38	21 33	0 1	7 1	1 41	30 47	9 7	22 28	22 38	1 56		n.a.
M23	11 0	5 40	5 5	7 22	0 14	5 35	0 44	22 10	1 4	6 40	1 0	22 18	0 38	21 33	0 1	7 1	1 41	30 48	9 7	22 29	22 39	1 53		n.a.
T 24	10 39	9 58	4 49	6 26	0 3	6 6	0 48	22 1	1 4	6 45	1 0	22 18	0 38	21 33	0 1	7 2	1 41	30 48	9 7	22 30	22 39	1 51		n.a.
W25	10 17	13 56	4 20	5 31	0n 9	6 37	0 52	21 52	1 5	6 50	0 59	22 18	0 38	21 33	0 0	7 3	1 41	30 48	9 7	22 30	22 39	1 48		n.a.
T 26	9 56	17 23	3 38	4 35	0 20	7 8	0 56	21 43	1 5	6 54	0 59	22 19	0 38	21 34	0 0	7 3	1 41	30 48	9 7	22 30	22 40	1 45		n.a.
F 27	9 34	20 8	2 46	3 40	0 33	7 38	1 0	21 34	1 6	6 59	0 59	22 19	0 38	21 34	0 0	7 4	1 41	30 48	9 7	22 30	22 40	1 43		n.a.
S 28	9 12	21 57	1 44	2 45	0 45	8 8	1 4	21 25	1 6	7 4	0 59	22 19	0 37	21 34	0 0	7 5	1 41	30 48	9 7	22 30	22 41	1 40		n.a.
S 29	8s49	22s38	0n35	1s52	0n57	8n38	1n 8	21s15	1s 7	7n 9	0s59	22n20	0s37	21s34	0n 0	7n 5	1n41	30n48	9n 7	22n30	22n41	1n38		n.a.

Julian Day Number = 1710861.5, Delta T = 03h00m48s
Ecliptic obliquity = 23°41'52, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°27'42, Lahiri = - 4°20'42 Julian Calendar 1 Feb. 29 BCE == Greg. Calendar 30 Jan. 029 BCE

The year -28 astronomical counting style corresponds to year 029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 29 BCE
geocentric

MARCH 29 BCE (-28) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 26 12	8♓33'12	25♉ 1	24♓51	20♈21	1♒43	20♈35	15♊55	6♐12	16°R 4	22°R19	17°R47	16♋19	7♎41	n.a.	M 1
T 2	10 30 9	9°32'21	9♒10	26°29	21°29	2°30	20°47	15°57	6°13	16♍ 3	22♋18	17♋45	16°15	7°47	n.a.	T 2
W 3	10 34 6	10°31'29	23°45	28° 2	22°37	3°16	21° 0	15°58	6°14	16° 1	22°17	17°40	16°12	7°54	n.a.	W 3
T 4	10 38 2	11°30'34	8♓42	29°30	23°45	4° 3	21°12	16° 0	6°14	15°59	22°16	17°34	16° 9	8° 1	n.a.	T 4
F 5	10 41 59	12°29'38	23°50	0♈54	24°53	4°49	21°25	16° 2	6°14	15°58	22°15	17°26	16° 6	8° 8	n.a.	F 5
S 6	10 45 55	13°28'39	9♈ 1	2°12	26° 1	5°36	21°37	16° 3	6°15	15°56	22°14	17°17	16° 3	8°14	n.a.	S 6
S 7	10 49 52	14°27'38	24° 4	3°25	27° 8	6°22	21°50	16° 5	6°15	15°54	22°13	17° 9	16° 0	8°21	n.a.	S 7
M 8	10 53 48	15°26'34	8♉50	4°31	28°15	7° 9	22° 2	16° 7	6°15	15°53	22°13	17° 3	15°56	8°28	n.a.	M 8
T 9	10 57 45	16°25'29	23°13	5°32	29°22	7°55	22°15	16° 9	6°16	15°51	22°12	16°58	15°53	8°34	n.a.	T 9
W10	11 1 41	17°24'21	7♊10	6°27	0♉29	8°42	22°28	16°12	6°16	15°49	22°11	16°56	15°50	8°41	n.a.	W10
T 11	11 5 38	18°23'10	20°43	7°15	1°36	9°28	22°40	16°14	6°16	15°48	22°10	16°D56	15°47	8°48	n.a.	T 11
F 12	11 9 34	19°21'57	3♋52	7°57	2°42	10°15	22°53	16°16	6°16	15°46	22°10	16°56	15°44	8°55	n.a.	F 12
S 13	11 13 31	20°20'42	16°41	8°33	3°48	11° 1	23° 6	16°19	6°R16	15°44	22° 9	16°R57	15°41	9° 1	n.a.	S 13
S 14	11 17 28	21°19'25	29°14	9° 2	4°54	11°48	23°19	16°21	6°16	15°43	22° 8	16°56	15°37	9° 8	n.a.	S 14
M15	11 21 24	22°18'05	11♌35	9°24	6° 0	12°34	23°32	16°24	6°16	15°41	22° 8	16°53	15°34	9°15	n.a.	M15
T 16	11 25 21	23°16'43	23°46	9°40	7° 6	13°20	23°45	16°27	6°16	15°40	22° 7	16°48	15°31	9°22	n.a.	T 16
W17	11 29 17	24°15'19	5♍50	9°50	8°11	14° 7	23°58	16°30	6°16	15°38	22° 7	16°39	15°28	9°28	n.a.	W17
T 18	11 33 14	25°13'52	17°49	9°R53	9°16	14°53	24°12	16°33	6°16	15°36	22° 6	16°29	15°25	9°35	n.a.	T 18
F 19	11 37 10	26°12'24	29°44	9°50	10°21	15°39	24°25	16°36	6°15	15°35	22° 6	16°16	15°21	9°42	n.a.	F 19
S 20	11 41 7	27°10'53	11♎38	9°41	11°26	16°26	24°38	16°39	6°15	15°33	22° 5	16° 3	15°18	9°48	n.a.	S 20
S 21	11 45 3	28° 9'21	23°30	9°27	12°30	17°12	24°51	16°43	6°15	15°31	22° 5	15°50	15°15	9°55	n.a.	S 21
M22	11 49 0	29° 7'47	5♏24	9° 7	13°34	17°58	25° 5	16°46	6°14	15°30	22° 4	15°39	15°12	10° 2	n.a.	M22
T 23	11 52 57	0♈ 6'11	17°20	8°43	14°38	18°45	25°18	16°50	6°14	15°28	22° 4	15°30	15° 9	10° 9	n.a.	T 23
W24	11 56 53	1° 4'33	29°23	8°15	15°41	19°31	25°31	16°53	6°13	15°27	22° 4	15°23	15° 6	10°15	n.a.	W24
T 25	12 0 50	2° 2'54	11♐35	7°43	16°44	20°17	25°45	16°57	6°13	15°25	22° 3	15°19	15° 2	10°22	n.a.	T 25
F 26	12 4 46	3° 1'13	24° 1	7° 8	17°47	21° 3	25°58	17° 1	6°12	15°24	22° 3	15°18	14°59	10°29	n.a.	F 26
S 27	12 8 43	3°59'30	6♑46	6°30	18°50	21°49	26°12	17° 5	6°11	15°22	22° 3	15°D17	14°56	10°35	n.a.	S 27
S 28	12 12 39	4°57'46	19°53	5°51	19°52	22°35	26°25	17° 8	6°11	15°21	22° 2	15°R17	14°53	10°42	n.a.	S 28
M29	12 16 36	5°56'00	3♒27	5°11	20°54	23°22	26°39	17°13	6°10	15°19	22° 2	15°17	14°50	10°49	n.a.	M29
T 30	12 20 32	6°54'13	17°30	4°31	21°56	24° 8	26°53	17°17	6° 9	15°17	22° 2	15°14	14°47	10°56	n.a.	T 30
W31	12 24 29	7♈52'24	2♓ 1	3♈51	22♉57	24♒54	27♈ 6	17♊21	6♐ 8	15♍16	22♋ 2	15♋ 8	14♋43	11♎ 2	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	8s27	22s 0	0s39	1s 0	1n10	9n 8	1n12	21s 5	1s 7	7n13	0s59	22n20	0s37	21s34	0n 0	7n 6	1n41	30n48	9n 6	22n30	22n41	1n35			n.a.
T 2	8 5	19 58	1 52	0 10	1 22	9 38	1 16	20 55	1 8	7 18	0 58	22 20	0 37	21 34	0 0	7 7	1 41	30 48	9 6	22 30	22 42	1 33			n.a.
W 3	7 42	16 35	3 1	0n39	1 34	10 8	1 20	20 44	1 8	7 23	0 58	22 21	0 37	21 34	0 0	7 7	1 41	30 48	9 6	22 31	22 42	1 30			n.a.
T 4	7 19	12 4	3 58	1 25	1 46	10 37	1 24	20 34	1 9	7 28	0 58	22 21	0 37	21 34	0 0	7 8	1 41	30 48	9 6	22 32	22 43	1 28			n.a.
F 5	6 57	6 45	4 40	2 9	1 58	11 6	1 28	20 23	1 9	7 33	0 58	22 21	0 36	21 35	0 0	7 9	1 41	30 48	9 6	22 33	22 43	1 25			n.a.
S 6	6 34	1 0	5 2	2 51	2 9	11 35	1 32	20 12	1 10	7 38	0 58	22 22	0 36	21 35	0 0	7 9	1 41	30 48	9 6	22 34	22 43	1 23			n.a.
S 7	6 11	4n45	5 3	3 30	2 19	12 3	1 36	20 1	1 10	7 42	0 57	22 22	0 36	21 35	0 0	7 10	1 41	30 48	9 6	22 35	22 44	1 20			n.a.
M 8	5 48	10 7	4 44	4 6	2 29	12 31	1 40	19 49	1 10	7 47	0 57	22 22	0 36	21 35	0 0	7 11	1 41	30 48	9 6	22 36	22 44	1 17			n.a.
T 9	5 25	14 48	4 7	4 39	2 38	12 59	1 44	19 37	1 11	7 52	0 57	22 23	0 36	21 35	0 0	7 11	1 41	30 48	9 5	22 36	22 44	1 15			n.a.
W10	5 2	18 32	3 16	5 8	2 47	13 27	1 48	19 26	1 11	7 57	0 57	22 23	0 36	21 35	0 0	7 12	1 41	30 48	9 5	22 37	22 45	1 12			n.a.
T 11	4 38	21 7	2 15	5 34	2 54	13 54	1 52	19 14	1 12	8 2	0 57	22 23	0 35	21 35	0 0	7 13	1 41	30 48	9 5	22 37	22 45	1 10			n.a.
F 12	4 15	22 29	1 9	5 57	3 1	14 21	1 56	19 1	1 12	8 7	0 57	22 24	0 35	21 35	0 0	7 13	1 41	30 48	9 5	22 37	22 46	1 7			n.a.
S 13	3 52	22 37	0 1	6 16	3 6	14 48	2 0	18 49	1 13	8 12	0 57	22 24	0 35	21 35	0 0	7 14	1 41	30 48	9 5	22 37	22 46	1 5			n.a.
S 14	3 29	21 35	1n 5	6 32	3 11	15 14	2 4	18 36	1 13	8 17	0 56	22 25	0 35	21 35	0 0	7 14	1 41	30 48	9 5	22 37	22 46	1 2			n.a.
M15	3 5	19 32	2 7	6 44	3 14	15 40	2 7	18 23	1 13	8 22	0 56	22 25	0 35	21 35	0 0	7 15	1 41	30 48	9 5	22 37	22 47	0 59			n.a.
T 16	2 42	16 37	3 3	6 52	3 16	16 6	2 11	18 10	1 14	8 27	0 56	22 26	0 35	21 35	0 0	7 16	1 41	30 48	9 4	22 38	22 47	0 57			n.a.
W17	2 18	13 1	3 49	6 56	3 17	16 31	2 15	17 57	1 14	8 32	0 56	22 26	0 34	21 35	0 0	7 16	1 41	30 48	9 4	22 39	22 47	0 54			n.a.
T 18	1 55	8 55	4 25	6 57	3 16	16 56	2 19	17 44	1 15	8 37	0 56	22 27	0 34	21 35	0 0	7 17	1 41	30 48	9 4	22 40	22 48	0 52			n.a.
F 19	1 31	4 31	4 49	6 54	3 14	17 20	2 22	17 30	1 15	8 42	0 56	22 27	0 34	21 35	0 0	7 18	1 41	30 48	9 4	22 42	22 48	0 49			n.a.
S 20	1 8	0s 3	5 0	6 47	3 10	17 44	2 26	17 17	1 15	8 47	0 55	22 27	0 34	21 35	0 0	7 18	1 41	30 48	9 4	22 43	22 49	0 47			n.a.
S 21	0 44	4 36	4 58	6 37	3 6	18 8	2 30	17 3	1 16	8 52	0 55	22 28	0 34	21 35	0 0	7 19	1 41	30 48	9 4	22 45	22 49	0 44			n.a.
M22	0 21	9 0	4 44	6 24	2 59	18 31	2 33	16 49	1 16	8 57	0 55	22 28	0 34	21 35	0 0	7 20	1 41	30 48	9 3	22 46	22 49	0 41			n.a.
T 23	0n 2	13 5	4 16	6 7	2 51	18 54	2 37	16 35	1 16	9 2	0 55	22 29	0 33	21 35	0 0	7 20	1 41	30 48	9 3	22 47	22 50	0 39			n.a.
W24	0 26	16 42	3 38	5 47	2 42	19 16	2 40	16 20	1 17	9 7	0 55	22 29	0 33	21 35	0 0	7 21	1 41	30 47	9 3	22 48	22 50	0 36			n.a.
T 25	0 49	19 38	2 48	5 24	2 31	19 38	2 44	16 6	1 17	9 12	0 55	22 30	0 33	21 34	0 0	7 21	1 41	30 47	9 3	22 48	22 50	0 34			n.a.
F 26	1 13	21 44	1 50	4 59	2 20	19 59	2 47	15 51	1 17	9 17	0 55	22 31	0 33	21 34	0 0	7 22	1 41	30 47	9 3	22 49	22 51	0 31			n.a.
S 27	1 36	22 46	0 45	4 33	2 7	20 20	2 50	15 37	1 18	9 22	0 55	22 31	0 33	21 34	0 0	7 23	1 41	30 47	9 3	22 49	22 51	0 29			n.a.
S 28	2 0	22 36	0s24	4 4	1 53	20 40	2 53	15 22	1 18	9 28	0 54	22 32	0 33	21 34	0 0	7 23	1 41	30 47	9 2	22 49	22 51	0 26			n.a.
M29	2 23	21 7	1 34	3 34	1 38	21 0	2 56	15 7	1 18	9 33	0 54	22 32	0 33	21 34	0 0	7 24	1 41	30 47	9 2	22 49	22 52	0 23			n.a.
T 30	2 46	18 19	2 41	3 4	1 22	21 20	2 59	14 52	1 19	9 38	0 54	22 33	0 32	21 34	0 0	7 24	1 41	30 47	9 2	22 49	22 52	0 21			n.a.
W31	3n 9	14s17	3s40	2n33	1n 6	21n39	3n 2	14s36	1s19	9n43	0s54	22n33	0s32	21s34	0n 0	7n25	1n41	30n47	9n 2	22n50	22n52	0n18			n.a.

Julian Day Number = 1710890.5, Delta T = 03h00m47s
Ecliptic obliquity = 23°41'52, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°27'38, Lahiri = - 4°20'38 Julian Calendar 1 March 29 BCE == Greg. Calendar 28 Feb. 029 BCE

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ASTRODIENST EPHEMERIS for the year 29 BCE
geocentric

APRIL 29 BCE (-28) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 28 26	8♈50'33	16♓56	3°R13	23♉58	25♒40	27♈20	17♊25	6°R 7	15°R14	22°R 2	15°R 0	14♋40	11♎ 9	n.a.	T 1
F 2	12 32 22	9°48'41	2♈10	2♈37	24°59	26°26	27°34	17°30	6♐ 6	15♍13	22♋ 2	14♋50	14°37	11°16	n.a.	F 2
S 3	12 36 19	10°46'47	17°30	2° 3	25°59	27°12	27°47	17°34	6° 5	15°12	22° 1	14°39	14°34	11°23	n.a.	S 3
S 4	12 40 15	11°44'51	2♉45	1°31	26°59	27°58	28° 1	17°39	6° 4	15°10	22° 1	14°28	14°31	11°29	n.a.	S 4
M 5	12 44 12	12°42'53	17°45	1° 4	27°59	28°43	28°15	17°43	6° 3	15° 9	22° 1	14°19	14°27	11°36	n.a.	M 5
T 6	12 48 8	13°40'54	2♊21	0°40	28°58	29°29	28°29	17°48	6° 2	15° 7	22°D 1	14°13	14°24	11°43	n.a.	T 6
W 7	12 52 5	14°38'52	16°29	0°20	29°57	0♓15	28°43	17°53	6° 1	15° 6	22° 1	14° 9	14°21	11°49	n.a.	W 7
T 8	12 56 1	15°36'49	0♋ 8	0° 5	0♊55	1° 1	28°57	17°58	6° 0	15° 5	22° 1	14° 7	14°18	11°56	n.a.	T 8
F 9	12 59 58	16°34'44	13°20	29♓54	1°53	1°47	29°10	18° 3	5°58	15° 3	22° 1	14° 7	14°15	12° 3	n.a.	F 9
S 10	13 3 54	17°32'36	26° 8	29°48	2°50	2°32	29°24	18° 8	5°57	15° 2	22° 2	14° 7	14°12	12°10	n.a.	S 10
S 11	13 7 51	18°30'27	8♌37	29°D46	3°47	3°18	29°38	18°13	5°56	15° 0	22° 2	14° 6	14° 8	12°16	n.a.	S 11
M12	13 11 48	19°28'16	20°52	29°49	4°44	4° 4	29°52	18°18	5°54	14°59	22° 2	14° 3	14° 5	12°23	n.a.	M12
T 13	13 15 44	20°26'03	2♍56	29°57	5°40	4°49	0♉ 6	18°23	5°53	14°58	22° 2	13°57	14° 2	12°30	n.a.	T 13
W14	13 19 41	21°23'49	14°53	0♈ 9	6°35	5°35	0°20	18°29	5°51	14°57	22° 2	13°49	13°59	12°37	n.a.	W14
T 15	13 23 37	22°21'33	26°47	0°26	7°30	6°20	0°34	18°34	5°50	14°55	22° 3	13°38	13°56	12°43	n.a.	T 15
F 16	13 27 34	23°19'15	8♎39	0°47	8°24	7° 6	0°48	18°40	5°48	14°54	22° 3	13°25	13°52	12°50	n.a.	F 16
S 17	13 31 30	24°16'55	20°32	1°12	9°18	7°51	1° 2	18°45	5°47	14°53	22° 3	13°11	13°49	12°57	n.a.	S 17
S 18	13 35 27	25°14'35	2♏26	1°42	10°11	8°36	1°16	18°51	5°45	14°52	22° 3	12°58	13°46	13° 3	n.a.	S 18
M19	13 39 23	26°12'12	14°24	2°16	11° 4	9°22	1°30	18°56	5°43	14°51	22° 4	12°46	13°43	13°10	n.a.	M19
T 20	13 43 20	27° 9'49	26°27	2°54	11°55	10° 7	1°44	19° 2	5°42	14°50	22° 4	12°36	13°40	13°17	n.a.	T 20
W21	13 47 17	28° 7'24	8♐36	3°36	12°47	10°52	1°58	19° 8	5°40	14°48	22° 5	12°29	13°37	13°24	n.a.	W21
T 22	13 51 13	29° 4'59	20°55	4°21	13°37	11°37	2°12	19°14	5°38	14°47	22° 5	12°25	13°33	13°30	n.a.	T 22
F 23	13 55 10	0♉ 2'32	3♑25	5°10	14°27	12°23	2°26	19°20	5°36	14°46	22° 5	12°23	13°30	13°37	n.a.	F 23
S 24	13 59 6	1° 0'04	16°11	6° 2	15°16	13° 8	2°40	19°26	5°35	14°45	22° 6	12°D23	13°27	13°44	n.a.	S 24
S 25	14 3 3	1°57'35	29°17	6°58	16° 4	13°53	2°54	19°32	5°33	14°44	22° 6	12°R23	13°24	13°50	n.a.	S 25
M26	14 6 59	2°55'06	12♒45	7°57	16°52	14°38	3° 8	19°38	5°31	14°43	22° 7	12°23	13°21	13°57	n.a.	M26
T 27	14 10 56	3°52'35	26°39	9° 0	17°39	15°23	3°22	19°44	5°29	14°42	22° 8	12°21	13°18	14° 4	n.a.	T 27
W28	14 14 52	4°50'04	10♓59	10° 5	18°24	16° 8	3°36	19°51	5°27	14°41	22° 8	12°17	13°14	14°11	n.a.	W28
T 29	14 18 49	5°47'31	25°42	11°13	19° 9	16°53	3°50	19°57	5°25	14°40	22° 9	12°10	13°11	14°17	n.a.	T 29
F 30	14 22 46	6♉44'58	10♈44	12♈25	19♊53	17♓37	4♉ 4	20♊ 3	5♐23	14♍40	22♋10	12♋ 2	13♋ 8	14♎24	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3n33	9s17	4s25	2n 3	0n49	21n57	3n 5	14s21	1s19	9n48	0s54	22n34	0s32	21s34	0n 0	7n26	1n41	30n46	9n 2	22n51	22n53	0n16		n.a.
F 2	3 56	3 36	4 53	1 33	0 32	22 15	3 8	14 5	1 20	9 53	0 54	22 34	0 32	21 33	0 0	7 26	1 41	30 46	9 2	22 52	22 53	0 13		n.a.
S 3	4 19	2n20	5 0	1 4	0 16	22 33	3 11	13 50	1 20	9 58	0 54	22 35	0 32	21 33	0 0	7 27	1 41	30 46	9 1	22 53	22 54	0 10		n.a.
S 4	4 42	8 5	4 45	0 36	0s 1	22 50	3 13	13 34	1 20	10 3	0 54	22 35	0 32	21 33	0 0	7 27	1 41	30 46	9 1	22 54	22 54	0 8		n.a.
M 5	5 4	13 17	4 11	0 9	0 18	23 6	3 16	13 18	1 20	10 8	0 53	22 36	0 32	21 33	0 0	7 28	1 41	30 46	9 1	22 55	22 54	0 5		n.a.
T 6	5 27	17 34	3 21	0s15	0 34	23 22	3 18	13 2	1 21	10 13	0 53	22 37	0 31	21 33	0 0	7 28	1 41	30 46	9 1	22 56	22 55	0 3		n.a.
W 7	5 50	20 40	2 20	0 37	0 49	23 37	3 20	12 46	1 21	10 18	0 53	22 37	0 31	21 33	0 0	7 29	1 41	30 45	9 1	22 56	22 55	0 0		n.a.
T 8	6 13	22 29	1 13	0 57	1 4	23 52	3 23	12 30	1 21	10 23	0 53	22 38	0 31	21 32	0 0	7 29	1 41	30 45	9 0	22 56	22 55	0s 3		n.a.
F 9	6 35	22 57	0 4	1 15	1 19	24 6	3 25	12 13	1 21	10 28	0 53	22 38	0 31	21 32	0 0	7 30	1 41	30 45	9 0	22 56	22 56	0 5		n.a.
S 10	6 58	22 11	1n 3	1 30	1 32	24 20	3 27	11 57	1 22	10 33	0 53	22 39	0 31	21 32	0 0	7 30	1 41	30 45	9 0	22 56	22 56	0 8		n.a.
S 11	7 20	20 19	2 6	1 42	1 45	24 33	3 28	11 40	1 22	10 38	0 53	22 40	0 31	21 32	0 0	7 31	1 41	30 45	9 0	22 57	22 56	0 10		n.a.
M12	7 42	17 33	3 1	1 52	1 57	24 45	3 30	11 24	1 22	10 43	0 53	22 40	0 31	21 31	0 0	7 31	1 41	30 44	9 0	22 57	22 57	0 13		n.a.
T 13	8 4	14 4	3 47	1 59	2 8	24 57	3 32	11 7	1 22	10 49	0 53	22 41	0 30	21 31	0 0	7 32	1 41	30 44	9 0	22 57	22 57	0 16		n.a.
W14	8 26	10 3	4 23	2 3	2 19	25 8	3 33	10 50	1 22	10 54	0 53	22 41	0 30	21 31	0 0	7 32	1 41	30 44	8 59	22 58	22 57	0 18		n.a.
T 15	8 48	5 41	4 47	2 5	2 28	25 19	3 34	10 34	1 22	10 59	0 52	22 42	0 30	21 31	0 0	7 33	1 41	30 44	8 59	23 0	22 58	0 21		n.a.
F 16	9 9	1 6	4 59	2 4	2 37	25 29	3 36	10 17	1 23	11 4	0 52	22 43	0 30	21 30	0 0	7 33	1 41	30 44	8 59	23 1	22 58	0 23		n.a.
S 17	9 31	3s31	4 57	2 1	2 44	25 39	3 37	10 0	1 23	11 9	0 52	22 43	0 30	21 30	0 0	7 34	1 41	30 43	8 59	23 2	22 58	0 26		n.a.
S 18	9 52	8 1	4 43	1 55	2 51	25 48	3 38	9 43	1 23	11 14	0 52	22 44	0 30	21 30	0s 0	7 34	1 41	30 43	8 59	23 4	22 59	0 29		n.a.
M19	10 13	12 15	4 16	1 47	2 57	25 57	3 38	9 25	1 23	11 19	0 52	22 44	0 30	21 30	0 0	7 34	1 41	30 43	8 58	23 5	22 59	0 31		n.a.
T 20	10 34	16 3	3 38	1 36	3 2	26 5	3 39	9 8	1 23	11 24	0 52	22 45	0 29	21 29	0 0	7 35	1 41	30 43	8 58	23 6	22 59	0 34		n.a.
W21	10 55	19 12	2 49	1 23	3 6	26 12	3 39	8 51	1 23	11 28	0 52	22 46	0 29	21 29	0 0	7 35	1 40	30 42	8 58	23 6	23 0	0 36		n.a.
T 22	11 16	21 32	1 51	1 8	3 9	26 19	3 39	8 34	1 23	11 33	0 52	22 46	0 29	21 29	0 0	7 36	1 40	30 42	8 58	23 7	23 0	0 39		n.a.
F 23	11 36	22 52	0 47	0 51	3 11	26 25	3 40	8 16	1 24	11 38	0 52	22 47	0 29	21 28	0 0	7 36	1 40	30 42	8 58	23 7	23 0	0 42		n.a.
S 24	11 57	23 2	0s20	0 32	3 13	26 30	3 39	7 59	1 24	11 43	0 52	22 47	0 29	21 28	0 0	7 36	1 40	30 42	8 58	23 7	23 1	0 44		n.a.
S 25	12 17	21 58	1 29	0 10	3 14	26 35	3 39	7 42	1 24	11 48	0 52	22 48	0 29	21 28	0 0	7 37	1 40	30 41	8 57	23 7	23 1	0 47		n.a.
M26	12 37	19 37	2 34	0n13	3 14	26 40	3 39	7 24	1 24	11 53	0 52	22 49	0 29	21 27	0 0	7 37	1 40	30 41	8 57	23 7	23 1	0 50		n.a.
T 27	12 57	16 5	3 32	0 39	3 14	26 44	3 38	7 7	1 24	11 58	0 51	22 49	0 29	21 27	0 0	7 37	1 40	30 41	8 57	23 7	23 2	0 52		n.a.
W28	13 16	11 31	4 19	1 6	3 12	26 47	3 37	6 49	1 24	12 3	0 51	22 50	0 28	21 27	0 0	7 38	1 40	30 40	8 57	23 7	23 2	0 55		n.a.
T 29	13 36	6 10	4 51	1 34	3 10	26 50	3 36	6 31	1 24	12 8	0 51	22 51	0 28	21 26	0 0	7 38	1 40	30 40	8 57	23 8	23 2	0 57		n.a.
F 30	13n55	0s21	5s 3	2n 5	3s 7	26n52	3n35	6s14	1s24	12n13	0s51	22n51	0s28	21s26	0s 0	7n38	1n40	30n40	8n56	23n 9	23n 3	1s 0		n.a.

Julian Day Number = 1710921.5, Delta T = 03h00m47s
Ecliptic obliquity = 23°41'53, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°27'34, Lahiri = - 4°20'34 Julian Calendar 1 Apr. 29 BCE == Greg. Calendar 30 March 029 BCE

The year -28 astronomical counting style corresponds to year 029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 29 BCE
geocentric

MAY 29 BCE (-28) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 26 42	7♉42'23	25♈56	13♈39	20♊37	18♓22	4♉18	20♊10	5°R21	14°R39	22♋10	11°R52	13♋ 5	14♎31	n.a.	S 1
S 2	14 30 39	8°39'48	11♉ 7	14°56	21°19	19° 7	4°32	20°16	5♐19	14♍38	22°11	11♋43	13° 2	14°38	n.a.	S 2
M 3	14 34 35	9°37'12	26° 7	16°16	22° 0	19°52	4°46	20°23	5°17	14°37	22°12	11°35	12°58	14°44	n.a.	M 3
T 4	14 38 32	10°34'35	10♊47	17°39	22°40	20°36	5° 0	20°29	5°15	14°36	22°12	11°30	12°55	14°51	n.a.	T 4
W 5	14 42 28	11°31'57	25° 1	19° 4	23°19	21°21	5°14	20°36	5°12	14°36	22°13	11°26	12°52	14°58	n.a.	W 5
T 6	14 46 25	12°29'17	8♋46	20°32	23°57	22° 5	5°28	20°42	5°10	14°35	22°14	11°D25	12°49	15° 4	n.a.	T 6
F 7	14 50 21	13°26'37	22° 4	22° 3	24°33	22°50	5°42	20°49	5° 8	14°34	22°15	11°26	12°46	15°11	n.a.	F 7
S 8	14 54 18	14°23'55	4♌56	23°36	25° 9	23°34	5°56	20°56	5° 6	14°34	22°16	11°26	12°43	15°18	n.a.	S 8
S 9	14 58 15	15°21'12	17°28	25°12	25°43	24°18	6°10	21° 3	5° 4	14°33	22°17	11°R27	12°39	15°25	n.a.	S 9
M10	15 2 11	16°18'28	29°42	26°51	26°16	25° 2	6°24	21°10	5° 1	14°32	22°18	11°26	12°36	15°31	n.a.	M10
T 11	15 6 8	17°15'43	11♍45	28°32	26°47	25°47	6°38	21°17	4°59	14°32	22°18	11°23	12°33	15°38	n.a.	T 11
W12	15 10 4	18°12'57	23°41	0♉16	27°17	26°31	6°51	21°24	4°57	14°31	22°19	11°18	12°30	15°45	n.a.	W12
T 13	15 14 1	19°10'10	5♎33	2° 3	27°45	27°15	7° 5	21°30	4°54	14°31	22°20	11°10	12°27	15°52	n.a.	T 13
F 14	15 17 57	20° 7'22	17°25	3°52	28°12	27°59	7°19	21°38	4°52	14°30	22°21	11° 2	12°23	15°58	n.a.	F 14
S 15	15 21 54	21° 4'34	29°20	5°43	28°37	28°43	7°33	21°45	4°50	14°30	22°22	10°53	12°20	16° 5	n.a.	S 15
S 16	15 25 50	22° 1'44	11♏19	7°37	29° 1	29°26	7°47	21°52	4°47	14°29	22°23	10°44	12°17	16°12	n.a.	S 16
M17	15 29 47	22°58'55	23°25	9°33	29°23	0♈10	8° 0	21°59	4°45	14°29	22°25	10°35	12°14	16°18	n.a.	M17
T 18	15 33 44	23°56'04	5♐37	11°32	29°43	0°54	8°14	22° 6	4°43	14°29	22°26	10°29	12°11	16°25	n.a.	T 18
W19	15 37 40	24°53'13	17°59	13°33	0♋ 1	1°38	8°28	22°13	4°40	14°28	22°27	10°25	12° 8	16°32	n.a.	W19
T 20	15 41 37	25°50'22	0♑30	15°35	0°17	2°21	8°42	22°20	4°38	14°28	22°28	10°22	12° 4	16°39	n.a.	T 20
F 21	15 45 33	26°47'31	13°13	17°40	0°32	3° 5	8°55	22°28	4°35	14°28	22°29	10°D22	12° 1	16°45	n.a.	F 21
S 22	15 49 30	27°44'40	26°10	19°46	0°44	3°48	9° 9	22°35	4°33	14°28	22°30	10°23	11°58	16°52	n.a.	S 22
S 23	15 53 26	28°41'48	9♒23	21°54	0°54	4°32	9°22	22°42	4°31	14°27	22°32	10°24	11°55	16°59	n.a.	S 23
M24	15 57 23	29°38'56	22°53	24° 3	1° 2	5°15	9°36	22°50	4°28	14°27	22°33	10°25	11°52	17° 5	n.a.	M24
T 25	16 1 19	0♊36'04	6♓43	26°13	1° 8	5°58	9°49	22°57	4°26	14°27	22°34	10°R25	11°49	17°12	n.a.	T 25
W26	16 5 16	1°33'12	20°53	28°23	1°12	6°41	10° 3	23° 5	4°23	14°27	22°35	10°24	11°45	17°19	n.a.	W26
T 27	16 9 13	2°30'20	5♈20	0♊34	1°R14	7°25	10°16	23°12	4°21	14°27	22°37	10°21	11°42	17°26	n.a.	T 27
F 28	16 13 9	3°27'29	20° 3	2°45	1°13	8° 8	10°30	23°20	4°18	14°27	22°38	10°16	11°39	17°32	n.a.	F 28
S 29	16 17 6	4°24'37	4♉54	4°56	1°10	8°51	10°43	23°27	4°16	14°D27	22°39	10°11	11°36	17°39	n.a.	S 29
S 30	16 21 2	5°21'45	19°46	7° 7	1° 4	9°34	10°56	23°35	4°14	14°27	22°41	10° 6	11°33	17°46	n.a.	S 30
M31	16 24 59	6♊18'54	4♊31	9♊17	0♋56	10♈16	11♉10	23♊42	4♐11	14♍27	22♋42	10♋ 2	11♋29	17♎53	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n14	5n34	4s54	2n37	3s 4	26n54	3n33	5s56	1s24	12n17	0s51	22n52	0s28	21s26	0s 0	7n39	1n40	30n40	8n56	23n10	23n 3	1s 3		n.a.
S 2	14 33	11 8	4 24	3 11	3 0	26 55	3 31	5 38	1 24	12 22	0 51	22 52	0 28	21 25	0 0	7 39	1 40	30 39	8 56	23 10	23 3	1 5		n.a.
M 3	14 51	15 59	3 37	3 46	2 55	26 56	3 29	5 21	1 24	12 27	0 51	22 53	0 28	21 25	0 0	7 39	1 40	30 39	8 56	23 11	23 3	1 8		n.a.
T 4	15 9	19 44	2 36	4 23	2 50	26 56	3 27	5 3	1 24	12 32	0 51	22 54	0 28	21 25	0 0	7 40	1 40	30 39	8 56	23 12	23 4	1 11		n.a.
W 5	15 27	22 10	1 27	5 1	2 44	26 56	3 24	4 45	1 24	12 37	0 51	22 54	0 28	21 24	0 0	7 40	1 40	30 38	8 56	23 12	23 4	1 13		n.a.
T 6	15 45	23 10	0 14	5 40	2 38	26 55	3 22	4 28	1 24	12 41	0 51	22 55	0 27	21 24	0 0	7 40	1 40	30 38	8 55	23 12	23 4	1 16		n.a.
F 7	16 3	22 48	0n57	6 21	2 31	26 54	3 19	4 10	1 24	12 46	0 51	22 55	0 27	21 23	0 0	7 40	1 40	30 38	8 55	23 12	23 5	1 18		n.a.
S 8	16 20	21 13	2 2	7 2	2 24	26 52	3 15	3 52	1 24	12 51	0 51	22 56	0 27	21 23	0 0	7 40	1 40	30 38	8 55	23 12	23 5	1 21		n.a.
S 9	16 37	18 38	3 1	7 45	2 16	26 49	3 12	3 34	1 24	12 55	0 51	22 56	0 27	21 23	0 0	7 41	1 40	30 37	8 55	23 12	23 5	1 24		n.a.
M10	16 54	15 16	3 49	8 29	2 7	26 46	3 8	3 16	1 24	13 0	0 51	22 57	0 27	21 22	0 0	7 41	1 40	30 37	8 55	23 12	23 6	1 26		n.a.
T 11	17 10	11 19	4 26	9 14	1 58	26 43	3 4	2 59	1 24	13 5	0 51	22 58	0 27	21 22	0 0	7 41	1 40	30 37	8 55	23 12	23 6	1 29		n.a.
W12	17 26	6 59	4 52	9 59	1 49	26 39	2 59	2 41	1 24	13 9	0 50	22 58	0 27	21 21	0 0	7 41	1 40	30 36	8 55	23 13	23 6	1 32		n.a.
T 13	17 42	2 25	5 4	10 45	1 39	26 35	2 54	2 23	1 24	13 14	0 50	22 59	0 27	21 21	0 0	7 41	1 40	30 36	8 54	23 13	23 7	1 34		n.a.
F 14	17 58	2s14	5 4	11 32	1 29	26 30	2 49	2 5	1 24	13 19	0 50	22 59	0 27	21 21	0 0	7 42	1 40	30 36	8 54	23 14	23 7	1 37		n.a.
S 15	18 13	6 50	4 50	12 20	1 19	26 25	2 44	1 48	1 24	13 23	0 50	23 0	0 26	21 20	0 0	7 42	1 40	30 35	8 54	23 15	23 7	1 40		n.a.
S 16	18 28	11 12	4 24	13 7	1 9	26 20	2 38	1 30	1 24	13 28	0 50	23 0	0 26	21 20	0 0	7 42	1 39	30 35	8 54	23 16	23 7	1 42		n.a.
M17	18 43	15 11	3 45	13 55	0 58	26 14	2 32	1 12	1 23	13 32	0 50	23 1	0 26	21 19	0 0	7 42	1 39	30 35	8 54	23 16	23 8	1 45		n.a.
T 18	18 58	18 35	2 56	14 43	0 47	26 7	2 25	0 55	1 23	13 37	0 50	23 2	0 26	21 19	0 0	7 42	1 39	30 34	8 54	23 17	23 8	1 47		n.a.
W19	19 12	21 11	1 58	15 30	0 36	26 0	2 19	0 37	1 23	13 41	0 50	23 2	0 26	21 18	0 0	7 42	1 39	30 34	8 53	23 17	23 8	1 50		n.a.
T 20	19 25	22 49	0 53	16 18	0 25	25 53	2 11	0 19	1 23	13 46	0 50	23 3	0 26	21 18	0 0	7 42	1 39	30 34	8 53	23 17	23 9	1 53		n.a.
F 21	19 39	23 17	0s15	17 4	0 14	25 45	2 4	0 2	1 23	13 50	0 50	23 3	0 26	21 18	0 0	7 42	1 39	30 33	8 53	23 17	23 9	1 55		n.a.
S 22	19 52	22 32	1 25	17 50	0 3	25 37	1 56	0n16	1 23	13 55	0 50	23 4	0 26	21 17	0 0	7 42	1 39	30 33	8 53	23 17	23 9	1 58		n.a.
S 23	20 5	20 31	2 31	18 34	0n 8	25 29	1 47	0 33	1 23	13 59	0 50	23 4	0 26	21 17	0 0	7 42	1 39	30 33	8 53	23 17	23 9	2 1		n.a.
M24	20 18	17 20	3 30	19 17	0 19	25 20	1 38	0 51	1 22	14 3	0 50	23 5	0 25	21 16	0 0	7 42	1 39	30 32	8 53	23 17	23 10	2 3		n.a.
T 25	20 30	13 8	4 19	19 59	0 29	25 11	1 29	1 8	1 22	14 8	0 50	23 5	0 25	21 16	0 0	7 42	1 39	30 32	8 53	23 17	23 10	2 6		n.a.
W26	20 42	8 8	4 53	20 39	0 39	25 1	1 19	1 26	1 22	14 12	0 50	23 6	0 25	21 15	0 0	7 42	1 39	30 32	8 53	23 17	23 10	2 9		n.a.
T 27	20 53	2 35	5 9	21 17	0 49	24 51	1 9	1 43	1 22	14 16	0 50	23 6	0 25	21 15	0 0	7 42	1 39	30 31	8 52	23 17	23 11	2 11		n.a.
F 28	21 4	3n12	5 6	21 53	0 58	24 41	0 59	2 0	1 22	14 20	0 50	23 7	0 25	21 14	0 0	7 42	1 39	30 31	8 52	23 18	23 11	2 14		n.a.
S 29	21 15	8 52	4 42	22 26	1 6	24 30	0 48	2 18	1 21	14 25	0 50	23 7	0 25	21 14	0 0	7 42	1 39	30 31	8 52	23 18	23 11	2 17		n.a.
S 30	21 26	14 1	4 0	22 57	1 14	24 19	0 37	2 35	1 21	14 29	0 50	23 8	0 25	21 14	0 0	7 42	1 39	30 30	8 52	23 19	23 11	2 19		n.a.
M31	21n36	18n18	3s 1	23n25	1n21	24n 7	0n25	2n52	1s21	14n33	0s50	23n 8	0s25	21s13	0s 0	7n42	1n39	30n30	8n52	23n19	23n12	2s22		n.a.

Julian Day Number = 1710951.5, Delta T = 03h00m46s
Ecliptic obliquity = 23°41'53, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°27'30, Lahiri = - 4°20'30 Julian Calendar 1 May 29 BCE == Greg. Calendar 29 Apr. 029 BCE

The year -28 astronomical counting style corresponds to year 029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 29 BCE
geocentric

JUNE 29 BCE (-28) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 28 55	7♊16'02	19♊ 1	11♊26	0°R46	10♈59	11♉23	23♊50	4°R 9	14♍27	22♋43	9°R59	11♋26	17♎59	n.a.	T 1
W 2	16 32 52	8°13'10	3♋10	13°33	0♋33	11°42	11°36	23°57	4♐ 6	14°27	22°45	9°D58	11°23	18° 6	n.a.	W 2
T 3	16 36 49	9°10'18	16°55	15°40	0°18	12°24	11°49	24° 5	4° 4	14°27	22°46	9♋58	11°20	18°13	n.a.	T 3
F 4	16 40 45	10° 7'26	0♌15	17°45	0° 1	13° 7	12° 3	24°13	4° 1	14°28	22°48	9°59	11°17	18°19	n.a.	F 4
S 5	16 44 42	11° 4'34	13°10	19°49	29♊41	13°49	12°16	24°20	3°59	14°28	22°49	10° 0	11°14	18°26	n.a.	S 5
S 6	16 48 38	12° 1'42	25°45	21°51	29°20	14°32	12°29	24°28	3°57	14°28	22°51	10° 2	11°10	18°33	n.a.	S 6
M 7	16 52 35	12°58'49	8♍ 3	23°51	28°56	15°14	12°42	24°36	3°54	14°28	22°52	10°R 2	11° 7	18°40	n.a.	M 7
T 8	16 56 31	13°55'57	20° 8	25°49	28°30	15°56	12°55	24°43	3°52	14°29	22°54	10° 2	11° 4	18°46	n.a.	T 8
W 9	17 0 28	14°53'04	2♎ 4	27°46	28° 2	16°38	13° 7	24°51	3°49	14°29	22°55	10° 1	11° 1	18°53	n.a.	W 9
T 10	17 4 24	15°50'11	13°57	29°41	27°32	17°20	13°20	24°59	3°47	14°29	22°57	9°59	10°58	19° 0	n.a.	T 10
F 11	17 8 21	16°47'18	25°51	1♋34	27° 0	18° 2	13°33	25° 6	3°45	14°30	22°58	9°56	10°55	19° 7	n.a.	F 11
S 12	17 12 18	17°44'25	7♏48	3°25	26°27	18°44	13°46	25°14	3°42	14°30	23° 0	9°53	10°51	19°13	n.a.	S 12
S 13	17 16 14	18°41'33	19°53	5°14	25°53	19°25	13°58	25°22	3°40	14°31	23° 2	9°49	10°48	19°20	n.a.	S 13
M14	17 20 11	19°38'41	2♐ 7	7° 1	25°18	20° 7	14°11	25°30	3°38	14°31	23° 3	9°46	10°45	19°27	n.a.	M14
T 15	17 24 7	20°35'49	14°32	8°46	24°41	20°49	14°23	25°38	3°35	14°32	23° 5	9°44	10°42	19°33	n.a.	T 15
W16	17 28 4	21°32'57	27° 9	10°29	24° 5	21°30	14°36	25°45	3°33	14°32	23° 6	9°42	10°39	19°40	n.a.	W16
T 17	17 32 0	22°30'07	9♑59	12°11	23°27	22°12	14°48	25°53	3°31	14°33	23° 8	9°D42	10°35	19°47	n.a.	T 17
F 18	17 35 57	23°27'16	23° 3	13°50	22°50	22°53	15° 1	26° 1	3°28	14°34	23°10	9°42	10°32	19°54	n.a.	F 18
S 19	17 39 53	24°24'27	6♒19	15°28	22°13	23°34	15°13	26° 9	3°26	14°34	23°11	9°43	10°29	20° 0	n.a.	S 19
S 20	17 43 50	25°21'38	19°49	17° 4	21°36	24°15	15°25	26°16	3°24	14°35	23°13	9°44	10°26	20° 7	n.a.	S 20
M21	17 47 47	26°18'49	3♓32	18°37	20°59	24°56	15°37	26°24	3°22	14°36	23°15	9°46	10°23	20°14	n.a.	M21
T 22	17 51 43	27°16'02	17°27	20° 9	20°23	25°37	15°49	26°32	3°20	14°36	23°17	9°46	10°20	20°20	n.a.	T 22
W23	17 55 40	28°13'16	1♈34	21°39	19°49	26°18	16° 1	26°40	3°18	14°37	23°18	9°R46	10°16	20°27	n.a.	W23
T 24	17 59 36	29°10'30	15°50	23° 7	19°15	26°59	16°13	26°48	3°15	14°38	23°20	9°46	10°13	20°34	n.a.	T 24
F 25	18 3 33	0♋ 7'46	0♉14	24°33	18°43	27°39	16°25	26°55	3°13	14°39	23°22	9°45	10°10	20°41	n.a.	F 25
S 26	18 7 29	1° 5'03	14°41	25°57	18°13	28°20	16°37	27° 3	3°11	14°40	23°24	9°44	10° 7	20°47	n.a.	S 26
S 27	18 11 26	2° 2'21	29° 6	27°19	17°44	29° 0	16°49	27°11	3° 9	14°41	23°25	9°43	10° 4	20°54	n.a.	S 27
M28	18 15 22	2°59'39	13♊26	28°39	17°17	29°41	17° 0	27°19	3° 7	14°42	23°27	9°43	10° 1	21° 1	n.a.	M28
T 29	18 19 19	3°56'59	27°34	29°57	16°52	0♉21	17°12	27°27	3° 5	14°43	23°29	9°42	9°57	21° 8	n.a.	T 29
W30	18 23 16	4♋54'20	11♋27	1♌12	16♊30	1♉ 1	17♉24	27♊34	3♐ 3	14♍44	23♋31	9°D42	9♋54	21♎14	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n45	21n23	1s52	23n50	1n28	23n55	0n13	3n 9	1s21	14n37	0s50	23n 9	0s25	21s13	0s 0	7n42	1n39	30n29	8n52	23n19	23n12	2s25		n.a.
W 2	21 55	23 3	0 37	24 13	1 34	23 43	0 1	3 26	1 21	14 41	0 50	23 9	0 25	21 12	0 0	7 42	1 39	30 29	8 52	23 19	23 12	2 27		n.a.
T 3	22 4	23 15	0n38	24 33	1 39	23 30	0s12	3 43	1 20	14 46	0 50	23 9	0 24	21 12	0 0	7 42	1 39	30 29	8 52	23 19	23 13	2 30		n.a.
F 4	22 12	22 5	1 49	24 50	1 43	23 17	0 25	4 0	1 20	14 50	0 50	23 10	0 24	21 11	0 0	7 42	1 39	30 28	8 52	23 19	23 13	2 33		n.a.
S 5	22 21	19 47	2 52	25 5	1 47	23 4	0 38	4 17	1 20	14 54	0 50	23 10	0 24	21 11	0 0	7 42	1 39	30 28	8 51	23 19	23 13	2 35		n.a.
S 6	22 29	16 36	3 45	25 17	1 50	22 50	0 51	4 34	1 19	14 58	0 50	23 11	0 24	21 10	0 0	7 41	1 39	30 28	8 51	23 19	23 13	2 38		n.a.
M 7	22 36	12 45	4 26	25 26	1 53	22 36	1 5	4 51	1 19	15 2	0 50	23 11	0 24	21 10	0 0	7 41	1 38	30 27	8 51	23 19	23 14	2 40		n.a.
T 8	22 43	8 28	4 55	25 32	1 54	22 22	1 19	5 7	1 19	15 6	0 50	23 12	0 24	21 10	0 1	7 41	1 38	30 27	8 51	23 19	23 14	2 43		n.a.
W 9	22 50	3 55	5 11	25 36	1 55	22 8	1 33	5 24	1 19	15 10	0 50	23 12	0 24	21 9	0 1	7 41	1 38	30 27	8 51	23 19	23 14	2 46		n.a.
T 10	22 56	0s46	5 13	25 37	1 55	21 53	1 47	5 40	1 18	15 13	0 50	23 12	0 24	21 9	0 1	7 41	1 38	30 26	8 51	23 19	23 14	2 48		n.a.
F 11	23 2	5 24	5 2	25 36	1 55	21 38	2 1	5 57	1 18	15 17	0 50	23 13	0 24	21 8	0 1	7 40	1 38	30 26	8 51	23 19	23 15	2 51		n.a.
S 12	23 8	9 53	4 37	25 33	1 54	21 23	2 16	6 13	1 18	15 21	0 50	23 13	0 24	21 8	0 1	7 40	1 38	30 26	8 51	23 20	23 15	2 54		n.a.
S 13	23 13	14 2	4 1	25 28	1 53	21 8	2 30	6 30	1 17	15 25	0 50	23 13	0 23	21 7	0 1	7 40	1 38	30 25	8 51	23 20	23 15	2 56		n.a.
M14	23 17	17 40	3 12	25 21	1 50	20 53	2 44	6 46	1 17	15 29	0 50	23 14	0 23	21 7	0 1	7 40	1 38	30 25	8 51	23 20	23 15	2 59		n.a.
T 15	23 22	20 34	2 14	25 12	1 48	20 38	2 57	7 2	1 16	15 33	0 50	23 14	0 23	21 6	0 1	7 40	1 38	30 24	8 51	23 20	23 16	3 2		n.a.
W16	23 25	22 31	1 9	25 1	1 44	20 23	3 11	7 18	1 16	15 36	0 50	23 15	0 23	21 6	0 1	7 39	1 38	30 24	8 51	23 20	23 16	3 4		n.a.
T 17	23 29	23 21	0s 2	24 48	1 40	20 8	3 24	7 34	1 16	15 40	0 50	23 15	0 23	21 6	0 1	7 39	1 38	30 24	8 51	23 20	23 16	3 7		n.a.
F 18	23 32	22 54	1 13	24 34	1 36	19 53	3 37	7 50	1 15	15 44	0 50	23 15	0 23	21 5	0 1	7 39	1 38	30 23	8 51	23 20	23 16	3 10		n.a.
S 19	23 35	21 11	2 22	24 18	1 31	19 39	3 50	8 5	1 15	15 47	0 49	23 16	0 23	21 5	0 1	7 38	1 38	30 23	8 51	23 20	23 17	3 12		n.a.
S 20	23 37	18 15	3 24	24 1	1 26	19 25	4 2	8 21	1 14	15 51	0 49	23 16	0 23	21 4	0 1	7 38	1 38	30 23	8 50	23 20	23 17	3 15		n.a.
M21	23 39	14 17	4 15	23 42	1 20	19 11	4 13	8 37	1 14	15 54	0 50	23 16	0 23	21 4	0 1	7 38	1 38	30 22	8 50	23 20	23 17	3 18		n.a.
T 22	23 40	9 29	4 53	23 23	1 14	18 57	4 24	8 52	1 14	15 58	0 50	23 16	0 23	21 3	0 1	7 37	1 38	30 22	8 50	23 20	23 17	3 20		n.a.
W23	23 41	4 9	5 13	23 2	1 7	18 44	4 35	9 7	1 13	16 1	0 50	23 17	0 23	21 3	0 1	7 37	1 38	30 22	8 50	23 20	23 18	3 23		n.a.
T 24	23 42	1n28	5 14	22 40	1 0	18 32	4 44	9 23	1 13	16 5	0 50	23 17	0 22	21 3	0 1	7 37	1 38	30 21	8 50	23 20	23 18	3 26		n.a.
F 25	23 42	7 3	4 56	22 18	0 52	18 20	4 54	9 38	1 12	16 8	0 50	23 17	0 22	21 2	0 1	7 36	1 38	30 21	8 50	23 20	23 18	3 28		n.a.
S 26	23 42	12 17	4 20	21 54	0 44	18 9	5 2	9 53	1 12	16 12	0 50	23 18	0 22	21 2	0 1	7 36	1 38	30 21	8 50	23 20	23 18	3 31		n.a.
S 27	23 41	16 49	3 26	21 30	0 36	17 58	5 10	10 8	1 11	16 15	0 50	23 18	0 22	21 2	0 1	7 36	1 38	30 20	8 50	23 20	23 19	3 34		n.a.
M28	23 40	20 20	2 20	21 6	0 27	17 49	5 18	10 22	1 11	16 18	0 50	23 18	0 22	21 1	0 1	7 35	1 37	30 20	8 50	23 20	23 19	3 37		n.a.
T 29	23 38	22 34	1 7	20 41	0 18	17 40	5 24	10 37	1 10	16 22	0 50	23 18	0 22	21 1	0 1	7 35	1 37	30 20	8 50	23 20	23 19	3 39		n.a.
W30	23n36	23n22	0n10	20n15	0n 9	17n32	5s30	10n52	1s10	16n25	0s50	23n19	0s22	21s 0	0s 1	7n34	1n37	30n19	8n50	23n20	23n19	3s42		n.a.

Julian Day Number = 1710982.5, Delta T = 03h00m45s
Ecliptic obliquity = 23°41'52, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°27'26, Lahiri = - 4°20'25 Julian Calendar 1 June 29 BCE == Greg. Calendar 30 May 029 BCE

The year -28 astronomical counting style corresponds to year 029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 29 BCE
geocentric

JULY 29 BCE (-28) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 27 12	5♋51'42	25♋ 1	2♌26	16°R 9	1♉41	17♉35	27♊42	3°R 1	14♍45	23♋32	9♋42	9♋51	21♎21	n.a.	T 1
F 2	18 31 9	6°49'04	8♌15	3°37	15♊51	2°21	17°46	27°50	2♐59	14°46	23°34	9°42	9°48	21°28	n.a.	F 2
S 3	18 35 5	7°46'27	21° 9	4°45	15°35	3° 1	17°57	27°58	2°58	14°47	23°36	9°43	9°45	21°34	n.a.	S 3
S 4	18 39 2	8°43'51	3♍44	5°52	15°21	3°40	18° 9	28° 5	2°56	14°48	23°38	9°43	9°41	21°41	n.a.	S 4
M 5	18 42 58	9°41'16	16° 3	6°55	15°10	4°20	18°20	28°13	2°54	14°49	23°40	9°R43	9°38	21°48	n.a.	M 5
T 6	18 46 55	10°38'42	28° 9	7°56	15° 1	4°59	18°31	28°21	2°52	14°50	23°42	9°43	9°35	21°55	n.a.	T 6
W 7	18 50 52	11°36'08	10♎ 6	8°55	14°54	5°39	18°42	28°28	2°50	14°51	23°43	9°D43	9°32	22° 1	n.a.	W 7
T 8	18 54 48	12°33'35	22° 0	9°50	14°50	6°18	18°52	28°36	2°49	14°53	23°45	9°43	9°29	22° 8	n.a.	T 8
F 9	18 58 45	13°31'03	3♏54	10°42	14°D48	6°57	19° 3	28°44	2°47	14°54	23°47	9°43	9°26	22°15	n.a.	F 9
S 10	19 2 41	14°28'32	15°53	11°32	14°48	7°36	19°14	28°51	2°45	14°55	23°49	9°43	9°22	22°21	n.a.	S 10
S 11	19 6 38	15°26'03	28° 2	12°17	14°51	8°15	19°24	28°59	2°44	14°57	23°51	9°44	9°19	22°28	n.a.	S 11
M12	19 10 34	16°23'34	10♐22	13° 0	14°56	8°54	19°34	29° 6	2°42	14°58	23°53	9°45	9°16	22°35	n.a.	M12
T 13	19 14 31	17°21'06	22°58	13°38	15° 3	9°32	19°45	29°14	2°41	14°59	23°55	9°45	9°13	22°42	n.a.	T 13
W14	19 18 27	18°18'40	5♑51	14°13	15°13	10°11	19°55	29°21	2°39	15° 1	23°57	9°R46	9°10	22°48	n.a.	W14
T 15	19 22 24	19°16'14	19° 1	14°43	15°24	10°49	20° 5	29°29	2°38	15° 2	23°58	9°45	9° 7	22°55	n.a.	T 15
F 16	19 26 21	20°13'51	2♒28	15°10	15°38	11°27	20°15	29°36	2°37	15° 4	24° 0	9°45	9° 3	23° 2	n.a.	F 16
S 17	19 30 17	21°11'28	16°11	15°31	15°53	12° 6	20°25	29°44	2°35	15° 5	24° 2	9°44	9° 0	23° 9	n.a.	S 17
S 18	19 34 14	22° 9'07	0♓ 6	15°48	16°11	12°44	20°35	29°51	2°34	15° 6	24° 4	9°42	8°57	23°15	n.a.	S 18
M19	19 38 10	23° 6'48	14°11	16° 0	16°30	13°21	20°44	29°59	2°33	15° 8	24° 6	9°41	8°54	23°22	n.a.	M19
T 20	19 42 7	24° 4'30	28°22	16° 7	16°51	13°59	20°54	0♈ 6	2°31	15°10	24° 8	9°39	8°51	23°29	n.a.	T 20
W21	19 46 3	25° 2'14	12♈36	16°R 8	17°14	14°37	21° 3	0°13	2°30	15°11	24°10	9°38	8°47	23°35	n.a.	W21
T 22	19 50 0	26° 0'00	26°51	16° 4	17°39	15°14	21°13	0°21	2°29	15°13	24°12	9°D38	8°44	23°42	n.a.	T 22
F 23	19 53 56	26°57'47	11♉ 3	15°54	18° 5	15°52	21°22	0°28	2°28	15°14	24°14	9°38	8°41	23°49	n.a.	F 23
S 24	19 57 53	27°55'37	25°10	15°38	18°33	16°29	21°31	0°35	2°27	15°16	24°15	9°39	8°38	23°56	n.a.	S 24
S 25	20 1 50	28°53'28	9♊10	15°16	19° 2	17° 6	21°40	0°42	2°26	15°18	24°17	9°41	8°35	24° 2	n.a.	S 25
M26	20 5 46	29°51'22	23° 2	14°49	19°33	17°43	21°49	0°50	2°25	15°19	24°19	9°42	8°32	24° 9	n.a.	M26
T 27	20 9 43	0♌49'17	6♋44	14°16	20° 5	18°20	21°57	0°57	2°24	15°21	24°21	9°R43	8°28	24°16	n.a.	T 27
W28	20 13 39	1°47'14	20°13	13°38	20°39	18°56	22° 6	1° 4	2°23	15°23	24°23	9°42	8°25	24°22	n.a.	W28
T 29	20 17 36	2°45'13	3♌28	12°54	21°14	19°33	22°15	1°11	2°22	15°24	24°25	9°41	8°22	24°29	n.a.	T 29
F 30	20 21 32	3°43'13	16°29	12° 7	21°50	20° 9	22°23	1°18	2°22	15°26	24°27	9°38	8°19	24°36	n.a.	F 30
S 31	20 25 29	4♌41'15	29♌14	11♌15	22♊27	20♉45	22♉31	1♋25	2♐21	15♍28	24♋29	9♋35	8♋16	24♎43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n34	22n44	1n24	19n49	0s 1	17n24	5s36	11n 6	1s 9	16n28	0s50	23n19	0s22	21s 0	0s 1	7n34	1n37	30n19	8n50	23n20	23n20	3s45			n.a.
F 2	23 31	20 50	2 32	19 23	0 11	17 17	5 41	11 21	1 9	16 31	0 50	23 19	0 22	21 0	0 1	7 33	1 37	30 19	8 50	23 20	23 20	3 47			n.a.
S 3	23 28	17 55	3 30	18 56	0 21	17 12	5 45	11 35	1 8	16 34	0 50	23 19	0 22	20 59	0 1	7 33	1 37	30 18	8 50	23 20	23 20	3 50			n.a.
S 4	23 24	14 13	4 17	18 30	0 32	17 7	5 48	11 49	1 8	16 37	0 50	23 19	0 22	20 59	0 1	7 32	1 37	30 18	8 50	23 20	23 20	3 53			n.a.
M 5	23 20	10 1	4 50	18 3	0 42	17 2	5 51	12 3	1 7	16 41	0 50	23 20	0 22	20 59	0 1	7 32	1 37	30 18	8 50	23 20	23 21	3 55			n.a.
T 6	23 16	5 29	5 10	17 37	0 53	16 59	5 54	12 17	1 7	16 44	0 50	23 20	0 21	20 58	0 1	7 31	1 37	30 17	8 50	23 20	23 21	3 58			n.a.
W 7	23 11	0 48	5 17	17 11	1 5	16 56	5 56	12 31	1 6	16 47	0 50	23 20	0 21	20 58	0 1	7 31	1 37	30 17	8 50	23 20	23 21	4 1			n.a.
T 8	23 6	3s53	5 10	16 45	1 16	16 54	5 57	12 44	1 5	16 50	0 50	23 20	0 21	20 58	0 1	7 30	1 37	30 17	8 50	23 20	23 21	4 3			n.a.
F 9	23 0	8 25	4 49	16 20	1 28	16 53	5 58	12 58	1 5	16 52	0 50	23 20	0 21	20 57	0 1	7 30	1 37	30 16	8 50	23 20	23 22	4 6			n.a.
S 10	22 54	12 41	4 16	15 55	1 39	16 53	5 59	13 11	1 4	16 55	0 50	23 20	0 21	20 57	0 1	7 29	1 37	30 16	8 50	23 20	23 22	4 9			n.a.
S 11	22 48	16 30	3 31	15 31	1 51	16 53	5 59	13 24	1 4	16 58	0 50	23 21	0 21	20 57	0 1	7 29	1 37	30 16	8 50	23 20	23 22	4 11			n.a.
M12	22 41	19 41	2 36	15 8	2 3	16 54	5 59	13 37	1 3	17 1	0 50	23 21	0 21	20 56	0 1	7 28	1 37	30 15	8 50	23 20	23 22	4 14			n.a.
T 13	22 33	21 59	1 32	14 46	2 15	16 55	5 58	13 50	1 2	17 4	0 50	23 21	0 21	20 56	0 1	7 28	1 37	30 15	8 50	23 20	23 22	4 17			n.a.
W14	22 26	23 12	0 22	14 24	2 27	16 57	5 57	14 3	1 2	17 7	0 50	23 21	0 21	20 56	0 1	7 27	1 37	30 15	8 50	23 20	23 23	4 19			n.a.
T 15	22 18	23 10	0s51	14 4	2 38	17 0	5 55	14 16	1 1	17 9	0 50	23 21	0 21	20 56	0 1	7 27	1 37	30 14	8 51	23 20	23 23	4 22			n.a.
F 16	22 9	21 48	2 2	13 45	2 50	17 3	5 54	14 28	1 1	17 12	0 50	23 21	0 21	20 55	0 1	7 26	1 37	30 14	8 51	23 20	23 23	4 25			n.a.
S 17	22 0	19 9	3 8	13 28	3 2	17 7	5 52	14 41	1 0	17 15	0 50	23 21	0 21	20 55	0 1	7 25	1 37	30 14	8 51	23 20	23 23	4 27			n.a.
S 18	21 51	15 21	4 4	13 12	3 13	17 11	5 49	14 53	0 59	17 17	0 50	23 21	0 21	20 55	0 1	7 25	1 37	30 14	8 51	23 20	23 24	4 30			n.a.
M19	21 42	10 40	4 45	12 58	3 24	17 15	5 47	15 5	0 58	17 20	0 50	23 21	0 20	20 55	0 1	7 24	1 37	30 13	8 51	23 20	23 24	4 33			n.a.
T 20	21 32	5 23	5 10	12 46	3 34	17 20	5 44	15 17	0 58	17 22	0 50	23 22	0 20	20 54	0 1	7 23	1 37	30 13	8 51	23 21	23 24	4 35			n.a.
W21	21 21	0n12	5 15	12 36	3 44	17 26	5 41	15 29	0 57	17 25	0 50	23 22	0 20	20 54	0 1	7 23	1 37	30 13	8 51	23 21	23 24	4 38			n.a.
T 22	21 11	5 46	5 2	12 29	3 54	17 31	5 37	15 41	0 56	17 27	0 50	23 22	0 20	20 54	0 1	7 22	1 37	30 12	8 51	23 21	23 24	4 41			n.a.
F 23	20 59	11 2	4 30	12 23	4 2	17 37	5 34	15 53	0 56	17 29	0 50	23 22	0 20	20 54	0 1	7 21	1 36	30 12	8 51	23 21	23 25	4 44			n.a.
S 24	20 48	15 41	3 41	12 20	4 10	17 43	5 30	16 4	0 55	17 32	0 50	23 22	0 20	20 53	0 1	7 21	1 36	30 12	8 51	23 21	23 25	4 46			n.a.
S 25	20 36	19 25	2 40	12 20	4 17	17 50	5 26	16 15	0 54	17 34	0 50	23 22	0 20	20 53	0 1	7 20	1 36	30 12	8 51	23 20	23 25	4 49			n.a.
M26	20 24	22 0	1 31	12 23	4 23	17 56	5 22	16 27	0 53	17 36	0 50	23 22	0 20	20 53	0 1	7 19	1 36	30 11	8 51	23 20	23 25	4 52			n.a.
T 27	20 11	23 15	0 16	12 28	4 27	18 3	5 18	16 38	0 53	17 39	0 50	23 22	0 20	20 53	0 1	7 19	1 36	30 11	8 51	23 20	23 25	4 54			n.a.
W28	19 59	23 6	0n58	12 36	4 30	18 10	5 13	16 49	0 52	17 41	0 50	23 22	0 20	20 53	0 1	7 18	1 36	30 11	8 52	23 20	23 26	4 57			n.a.
T 29	19 45	21 39	2 7	12 47	4 31	18 16	5 9	16 59	0 51	17 43	0 50	23 22	0 20	20 53	0 1	7 17	1 36	30 11	8 52	23 20	23 26	5 0			n.a.
F 30	19 32	19 3	3 8	13 1	4 31	18 23	5 4	17 10	0 50	17 45	0 50	23 22	0 20	20 52	0 1	7 17	1 36	30 10	8 52	23 21	23 26	5 2			n.a.
S 31	19n18	15n35	3n59	13n17	4s28	18n30	4s59	17n20	0s50	17n47	0s50	23n22	0s20	20s52	0s 1	7n16	1n36	30n10	8n52	23n21	23n26	5s 5			n.a.

Julian Day Number = 1711012.5, Delta T = 03h00m44s
Ecliptic obliquity = 23°41'52, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°27'22, Lahiri = - 4°20'21 Julian Calendar 1 July 29 BCE == Greg. Calendar 29 June 029 BCE

The year -28 astronomical counting style corresponds to year 029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 29 BCE
geocentric

AUGUST 29 BCE (-28) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 29 25	5♌39'18	11♍44	10°R21	23♊ 6	21♉22	22♉39	1♋32	2°R20	15♍30	24♋30	9°R30	8♋13	24♎49	n.a.	S 1
M 2	20 33 22	6°37'23	24° 0	9♌25	23°46	21°57	22°47	1°39	2♐20	15°32	24°32	9♋26	8° 9	24°56	n.a.	M 2
T 3	20 37 19	7°35'30	6♎ 5	8°28	24°27	22°33	22°55	1°46	2°19	15°33	24°34	9°22	8° 6	25° 3	n.a.	T 3
W 4	20 41 15	8°33'38	18° 2	7°32	25° 8	23° 9	23° 2	1°52	2°19	15°35	24°36	9°19	8° 3	25° 9	n.a.	W 4
T 5	20 45 12	9°31'47	29°55	6°37	25°51	23°44	23°10	1°59	2°18	15°37	24°38	9°17	8° 0	25°16	n.a.	T 5
F 6	20 49 8	10°29'59	11♏48	5°45	26°35	24°19	23°17	2° 6	2°18	15°39	24°40	9°D17	7°57	25°23	n.a.	F 6
S 7	20 53 5	11°28'12	23°46	4°57	27°20	24°54	23°25	2°13	2°17	15°41	24°42	9°18	7°53	25°30	n.a.	S 7
S 8	20 57 1	12°26'26	5♐53	4°14	28° 5	25°29	23°32	2°19	2°17	15°43	24°43	9°19	7°50	25°36	n.a.	S 8
M 9	21 0 58	13°24'42	18°16	3°38	28°52	26° 4	23°39	2°26	2°17	15°45	24°45	9°21	7°47	25°43	n.a.	M 9
T 10	21 4 54	14°23'00	0♑57	3° 8	29°39	26°38	23°45	2°32	2°16	15°47	24°47	9°22	7°44	25°50	n.a.	T 10
W11	21 8 51	15°21'20	14° 0	2°47	0♋28	27°13	23°52	2°39	2°16	15°49	24°49	9°R22	7°41	25°56	n.a.	W11
T 12	21 12 48	16°19'41	27°25	2°34	1°17	27°47	23°58	2°45	2°16	15°51	24°51	9°21	7°38	26° 3	n.a.	T 12
F 13	21 16 44	17°18'05	11♒14	2°D30	2° 6	28°21	24° 5	2°51	2°16	15°53	24°52	9°18	7°34	26°10	n.a.	F 13
S 14	21 20 41	18°16'30	25°22	2°35	2°57	28°55	24°11	2°58	2°D16	15°55	24°54	9°13	7°31	26°17	n.a.	S 14
S 15	21 24 37	19°14'57	9♓46	2°50	3°48	29°28	24°17	3° 4	2°16	15°57	24°56	9° 7	7°28	26°23	n.a.	S 15
M16	21 28 34	20°13'26	24°19	3°14	4°40	0♊ 2	24°23	3°10	2°16	15°59	24°58	9° 1	7°25	26°30	n.a.	M16
T 17	21 32 30	21°11'57	8♈54	3°46	5°33	0°35	24°28	3°16	2°16	16° 1	24°59	8°55	7°22	26°37	n.a.	T 17
W18	21 36 27	22°10'31	23°26	4°27	6°26	1° 8	24°34	3°22	2°16	16° 3	25° 1	8°50	7°19	26°44	n.a.	W18
T 19	21 40 23	23° 9'07	7♉50	5°17	7°20	1°41	24°39	3°28	2°17	16° 5	25° 3	8°47	7°15	26°50	n.a.	T 19
F 20	21 44 20	24° 7'45	22° 1	6°14	8°14	2°13	24°45	3°34	2°17	16° 7	25° 5	8°D46	7°12	26°57	n.a.	F 20
S 21	21 48 16	25° 6'26	5♊59	7°19	9° 9	2°46	24°50	3°40	2°17	16° 9	25° 6	8°47	7° 9	27° 4	n.a.	S 21
S 22	21 52 13	26° 5'09	19°42	8°30	10° 5	3°18	24°54	3°46	2°18	16°11	25° 8	8°48	7° 6	27°10	n.a.	S 22
M23	21 56 10	27° 3'54	3♋12	9°48	11° 1	3°50	24°59	3°51	2°18	16°14	25°10	8°R49	7° 3	27°17	n.a.	M23
T 24	22 0 6	28° 2'42	16°30	11°11	11°58	4°22	25° 4	3°57	2°19	16°16	25°11	8°49	6°59	27°24	n.a.	T 24
W25	22 4 3	29° 1'32	29°35	12°38	12°55	4°53	25° 8	4° 3	2°19	16°18	25°13	8°47	6°56	27°31	n.a.	W25
T 26	22 7 59	0♍ 0'24	12♌29	14°10	13°53	5°24	25°12	4° 8	2°20	16°20	25°14	8°42	6°53	27°37	n.a.	T 26
F 27	22 11 56	0°59'19	25°11	15°46	14°51	5°56	25°16	4°13	2°20	16°22	25°16	8°36	6°50	27°44	n.a.	F 27
S 28	22 15 52	1°58'15	7♍43	17°24	15°49	6°26	25°20	4°19	2°21	16°24	25°18	8°27	6°47	27°51	n.a.	S 28
S 29	22 19 49	2°57'14	20° 3	19° 5	16°48	6°57	25°23	4°24	2°22	16°27	25°19	8°16	6°44	27°57	n.a.	S 29
M30	22 23 45	3°56'14	2♎13	20°48	17°48	7°27	25°27	4°29	2°23	16°29	25°21	8° 6	6°40	28° 4	n.a.	M30
T 31	22 27 42	4♍55'17	14♎14	22♌33	18♋48	7♊57	25♉30	4♋34	2♐23	16♍31	25♋22	7♋56	6♋37	28♎11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	19n 4	11n30	4n37	13n36	4s24	18n37	4s54	17n31	0s49	17n49	0s51	23n22	0s19	20s52	0s 1	7n15	1n36	30n10	8n52	23n21	23n26	5s 8		n.a.
M 2	18 49	7 1	5 2	13 57	4 18	18 44	4 49	17 41	0 48	17 51	0 51	23 22	0 19	20 52	0 1	7 14	1 36	30 10	8 52	23 22	23 27	5 10		n.a.
T 3	18 34	2 20	5 12	14 20	4 10	18 51	4 44	17 51	0 47	17 53	0 51	23 22	0 19	20 52	0 1	7 14	1 36	30 9	8 52	23 22	23 27	5 13		n.a.
W 4	18 19	2s23	5 9	14 44	3 59	18 58	4 39	18 1	0 46	17 55	0 51	23 22	0 19	20 52	0 1	7 13	1 36	30 9	8 52	23 22	23 27	5 16		n.a.
T 5	18 4	7 0	4 53	15 9	3 48	19 5	4 33	18 11	0 45	17 57	0 51	23 22	0 19	20 52	0 1	7 12	1 36	30 9	8 53	23 22	23 27	5 18		n.a.
F 6	17 48	11 21	4 24	15 35	3 34	19 11	4 28	18 20	0 44	17 59	0 51	23 22	0 19	20 52	0 1	7 11	1 36	30 9	8 53	23 22	23 27	5 21		n.a.
S 7	17 32	15 18	3 44	16 1	3 19	19 18	4 23	18 30	0 44	18 0	0 51	23 22	0 19	20 52	0 1	7 11	1 36	30 8	8 53	23 22	23 28	5 24		n.a.
S 8	17 15	18 41	2 53	16 27	3 3	19 24	4 17	18 39	0 43	18 2	0 51	23 22	0 19	20 52	0 1	7 10	1 36	30 8	8 53	23 22	23 28	5 26		n.a.
M 9	16 59	21 18	1 53	16 52	2 45	19 30	4 11	18 48	0 42	18 4	0 51	23 22	0 19	20 52	0 1	7 9	1 36	30 8	8 53	23 22	23 28	5 29		n.a.
T 10	16 42	22 56	0 46	17 17	2 27	19 36	4 6	18 57	0 41	18 6	0 51	23 22	0 19	20 51	0 1	7 8	1 36	30 8	8 53	23 22	23 28	5 32		n.a.
W11	16 24	23 22	0s25	17 40	2 9	19 42	4 0	19 6	0 40	18 7	0 51	23 22	0 19	20 51	0 1	7 7	1 36	30 8	8 53	23 22	23 28	5 35		n.a.
T 12	16 7	22 29	1 37	18 1	1 50	19 47	3 54	19 15	0 39	18 9	0 51	23 21	0 19	20 51	0 1	7 7	1 36	30 8	8 54	23 22	23 29	5 37		n.a.
F 13	15 49	20 13	2 44	18 20	1 31	19 52	3 49	19 23	0 38	18 10	0 51	23 21	0 19	20 51	0 1	7 6	1 36	30 7	8 54	23 22	23 29	5 40		n.a.
S 14	15 31	16 42	3 44	18 37	1 12	19 57	3 43	19 32	0 37	18 12	0 51	23 21	0 19	20 51	0 1	7 5	1 36	30 7	8 54	23 22	23 29	5 43		n.a.
S 15	15 13	12 9	4 30	18 52	0 54	20 2	3 37	19 40	0 36	18 13	0 51	23 21	0 19	20 51	0 1	7 4	1 36	30 7	8 54	23 23	23 29	5 45		n.a.
M16	14 54	6 51	4 59	19 3	0 36	20 6	3 31	19 48	0 35	18 15	0 51	23 21	0 18	20 51	0 1	7 3	1 36	30 7	8 54	23 23	23 29	5 48		n.a.
T 17	14 35	1 9	5 9	19 12	0 19	20 10	3 25	19 56	0 34	18 16	0 51	23 21	0 18	20 52	0 1	7 3	1 36	30 7	8 54	23 24	23 29	5 51		n.a.
W18	14 16	4n34	4 59	19 18	0 3	20 13	3 19	20 4	0 33	18 17	0 51	23 21	0 18	20 52	0 1	7 2	1 36	30 7	8 55	23 24	23 30	5 53		n.a.
T 19	13 57	10 0	4 30	19 21	0n12	20 16	3 14	20 12	0 32	18 18	0 51	23 21	0 18	20 52	0 1	7 1	1 36	30 6	8 55	23 24	23 30	5 56		n.a.
F 20	13 37	14 50	3 45	19 20	0 26	20 19	3 8	20 19	0 31	18 20	0 51	23 21	0 18	20 52	0 1	7 0	1 36	30 6	8 55	23 24	23 30	5 59		n.a.
S 21	13 18	18 47	2 48	19 17	0 39	20 21	3 2	20 27	0 30	18 21	0 52	23 21	0 18	20 52	0 1	6 59	1 36	30 6	8 55	23 24	23 30	6 1		n.a.
S 22	12 58	21 37	1 41	19 10	0 51	20 23	2 56	20 34	0 29	18 22	0 52	23 21	0 18	20 52	0 1	6 58	1 36	30 6	8 55	23 24	23 30	6 4		n.a.
M23	12 37	23 9	0 30	18 59	1 2	20 25	2 50	20 41	0 28	18 23	0 52	23 21	0 18	20 52	0 1	6 58	1 36	30 6	8 56	23 24	23 31	6 7		n.a.
T 24	12 17	23 21	0n41	18 46	1 12	20 26	2 44	20 48	0 27	18 24	0 52	23 20	0 18	20 52	0 1	6 57	1 36	30 6	8 56	23 24	23 31	6 10		n.a.
W25	11 56	22 14	1 49	18 29	1 21	20 27	2 38	20 55	0 26	18 25	0 52	23 20	0 18	20 52	0 1	6 56	1 36	30 6	8 56	23 24	23 31	6 12		n.a.
T 26	11 35	19 58	2 51	18 10	1 28	20 27	2 32	21 2	0 25	18 26	0 52	23 20	0 18	20 52	0 1	6 55	1 36	30 5	8 56	23 25	23 31	6 15		n.a.
F 27	11 14	16 45	3 42	17 47	1 35	20 26	2 26	21 9	0 23	18 27	0 52	23 20	0 18	20 52	0 1	6 54	1 36	30 5	8 56	23 25	23 31	6 18		n.a.
S 28	10 53	12 49	4 22	17 22	1 40	20 26	2 20	21 15	0 22	18 28	0 52	23 20	0 18	20 53	0 1	6 53	1 36	30 5	8 57	23 26	23 31	6 20		n.a.
S 29	10 32	8 25	4 49	16 55	1 44	20 24	2 14	21 21	0 21	18 29	0 52	23 20	0 18	20 53	0 1	6 52	1 36	30 5	8 57	23 26	23 32	6 23		n.a.
M30	10 10	3 44	5 3	16 25	1 48	20 23	2 9	21 28	0 20	18 29	0 52	23 20	0 17	20 53	0 1	6 52	1 36	30 5	8 57	23 27	23 32	6 26		n.a.
T 31	9n49	1s 2	5n 3	15n53	1n50	20n20	2s 3	21n34	0s19	18n30	0s52	23n20	0s17	20s53	0s 1	6n51	1n36	30n 5	8n57	23n27	23n32	6s28		n.a.

Julian Day Number = 1711043.5, Delta T = 03h00m43s
Ecliptic obliquity = 23°41'53, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°27'18, Lahiri = - 4°20'17 Julian Calendar 1 Aug. 29 BCE == Greg. Calendar 30 July 029 BCE

The year -28 astronomical counting style corresponds to year 029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 29 BCE
geocentric

SEPTEMBER 29 BCE (-28) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 31 39	5♍54'21	26♎ 8	24♌18	19♋48	8♊27	25♉33	4♋39	2♐24	16♍33	25♋24	7°R47	6♋34	28♎18	n.a.	W 1
T 2	22 35 35	6°53'28	7♏59	26° 5	20°49	8°57	25°36	4°44	2°25	16°35	25°25	7♋41	6°31	28°24	n.a.	T 2
F 3	22 39 32	7°52'36	19°49	27°52	21°50	9°26	25°39	4°49	2°26	16°38	25°27	7°37	6°28	28°31	n.a.	F 3
S 4	22 43 28	8°51'46	1♐44	29°40	22°52	9°55	25°41	4°54	2°27	16°40	25°28	7°35	6°24	28°38	n.a.	S 4
S 5	22 47 25	9°50'59	13°49	1♍28	23°53	10°23	25°43	4°59	2°29	16°42	25°30	7°D35	6°21	28°44	n.a.	S 5
M 6	22 51 21	10°50'13	26° 8	3°16	24°56	10°52	25°45	5° 4	2°30	16°44	25°31	7°35	6°18	28°51	n.a.	M 6
T 7	22 55 18	11°49'29	8♑48	5° 3	25°58	11°20	25°47	5° 8	2°31	16°47	25°33	7°R35	6°15	28°58	n.a.	T 7
W 8	22 59 14	12°48'47	21°51	6°50	27° 1	11°48	25°49	5°13	2°32	16°49	25°34	7°35	6°12	29° 5	n.a.	W 8
T 9	23 3 11	13°48'07	5♒22	8°37	28° 4	12°15	25°51	5°17	2°33	16°51	25°35	7°32	6° 9	29°11	n.a.	T 9
F 10	23 7 8	14°47'28	19°21	10°23	29° 8	12°43	25°52	5°21	2°35	16°53	25°37	7°26	6° 5	29°18	n.a.	F 10
S 11	23 11 4	15°46'52	3♓46	12° 9	0♌12	13°10	25°53	5°26	2°36	16°55	25°38	7°18	6° 2	29°25	n.a.	S 11
S 12	23 15 1	16°46'18	18°32	13°54	1°16	13°36	25°54	5°30	2°38	16°58	25°39	7° 8	5°59	29°31	n.a.	S 12
M13	23 18 57	17°45'45	3♈30	15°39	2°20	14° 2	25°55	5°34	2°39	17° 0	25°41	6°57	5°56	29°38	n.a.	M13
T 14	23 22 54	18°45'15	18°32	17°23	3°25	14°28	25°55	5°38	2°41	17° 2	25°42	6°47	5°53	29°45	n.a.	T 14
W15	23 26 50	19°44'48	3♉28	19° 6	4°30	14°54	25°55	5°41	2°42	17° 4	25°43	6°39	5°50	29°51	n.a.	W15
T 16	23 30 47	20°44'22	18° 9	20°49	5°35	15°19	25°R56	5°45	2°44	17° 7	25°44	6°33	5°46	29°58	n.a.	T 16
F 17	23 34 43	21°44'00	2♊32	22°31	6°41	15°44	25°56	5°49	2°46	17° 9	25°46	6°29	5°43	0♏ 5	n.a.	F 17
S 18	23 38 40	22°43'39	16°32	24°12	7°47	16° 9	25°55	5°53	2°47	17°11	25°47	6°28	5°40	0°12	n.a.	S 18
S 19	23 42 36	23°43'21	0♋11	25°53	8°53	16°33	25°55	5°56	2°49	17°13	25°48	6°28	5°37	0°18	n.a.	S 19
M20	23 46 33	24°43'06	13°30	27°33	9°59	16°57	25°54	5°59	2°51	17°16	25°49	6°28	5°34	0°25	n.a.	M20
T 21	23 50 30	25°42'53	26°32	29°12	11° 6	17°20	25°53	6° 3	2°53	17°18	25°50	6°27	5°30	0°32	n.a.	T 21
W22	23 54 26	26°42'42	9♌20	0♎51	12°13	17°43	25°52	6° 6	2°55	17°20	25°51	6°23	5°27	0°38	n.a.	W22
T 23	23 58 23	27°42'33	21°56	2°29	13°20	18° 6	25°51	6° 9	2°57	17°22	25°52	6°16	5°24	0°45	n.a.	T 23
F 24	0 2 19	28°42'27	4♍21	4° 6	14°27	18°28	25°49	6°12	2°59	17°24	25°53	6° 7	5°21	0°52	n.a.	F 24
S 25	0 6 16	29°42'22	16°38	5°43	15°35	18°50	25°48	6°15	3° 1	17°27	25°54	5°54	5°18	0°59	n.a.	S 25
S 26	0 10 12	0♎42'20	28°47	7°19	16°43	19°12	25°46	6°18	3° 3	17°29	25°55	5°40	5°15	1° 5	n.a.	S 26
M27	0 14 9	1°42'20	10♎49	8°55	17°51	19°33	25°44	6°20	3° 5	17°31	25°56	5°25	5°11	1°12	n.a.	M27
T 28	0 18 5	2°42'21	22°45	10°30	18°59	19°53	25°41	6°23	3° 7	17°33	25°57	5°11	5° 8	1°19	n.a.	T 28
W29	0 22 2	3°42'25	4♏36	12° 5	20° 7	20°13	25°39	6°25	3° 9	17°35	25°58	4°59	5° 5	1°25	n.a.	W29
T 30	0 25 58	4♎42'30	16♏26	13♎39	21♌16	20♊33	25♉36	6♋28	3♐12	17♍38	25♋59	4♋49	5♋ 2	1♏32	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	9n27	5s43	4n49	15n19	1n52	20n17	1s57	21n40	0s18	18n31	0s52	23n20	0s17	20s53	0s 1	6n50	1n36	30n 5	8n58	23n28	23n32	6s31		n.a.
T 2	9 5	10 10	4 23	14 43	1 53	20 14	1 51	21 46	0 16	18 31	0 52	23 19	0 17	20 53	0 1	6 49	1 36	30 5	8 58	23 28	23 32	6 34		n.a.
F 3	8 42	14 15	3 46	14 6	1 53	20 10	1 46	21 51	0 15	18 32	0 52	23 19	0 17	20 54	0 1	6 48	1 36	30 5	8 58	23 29	23 32	6 36		n.a.
S 4	8 20	17 49	2 59	13 28	1 52	20 6	1 40	21 57	0 14	18 32	0 52	23 19	0 17	20 54	0 1	6 47	1 36	30 5	8 58	23 29	23 32	6 39		n.a.
S 5	7 58	20 40	2 3	12 48	1 51	20 1	1 34	22 2	0 13	18 33	0 52	23 19	0 17	20 54	0 1	6 46	1 36	30 5	8 59	23 29	23 33	6 42		n.a.
M 6	7 35	22 38	1 1	12 7	1 49	19 55	1 29	22 8	0 11	18 33	0 52	23 19	0 17	20 54	0 1	6 45	1 36	30 5	8 59	23 29	23 33	6 44		n.a.
T 7	7 12	23 31	0s 6	11 25	1 47	19 49	1 23	22 13	0 10	18 34	0 52	23 19	0 17	20 55	0 1	6 45	1 36	30 5	8 59	23 29	23 33	6 47		n.a.
W 8	6 49	23 8	1 15	10 42	1 44	19 43	1 17	22 18	0 9	18 34	0 53	23 19	0 17	20 55	0 1	6 44	1 36	30 5	8 59	23 29	23 33	6 50		n.a.
T 9	6 26	21 26	2 22	9 59	1 41	19 36	1 12	22 23	0 7	18 34	0 53	23 19	0 17	20 55	0 1	6 43	1 36	30 5	9 0	23 29	23 33	6 53		n.a.
F 10	6 3	18 23	3 23	9 15	1 37	19 28	1 6	22 28	0 6	18 35	0 53	23 19	0 17	20 55	0 1	6 42	1 36	30 5	9 0	23 29	23 33	6 55		n.a.
S 11	5 40	14 8	4 12	8 30	1 33	19 20	1 1	22 33	0 5	18 35	0 53	23 18	0 17	20 56	0 1	6 41	1 36	30 5	9 0	23 30	23 34	6 58		n.a.
S 12	5 17	8 58	4 46	7 46	1 29	19 11	0 56	22 38	0 3	18 35	0 53	23 18	0 17	20 56	0 1	6 40	1 36	30 5	9 0	23 30	23 34	7 1		n.a.
M13	4 53	3 11	5 1	7 0	1 24	19 2	0 50	22 42	0 2	18 35	0 53	23 18	0 17	20 56	0 1	6 39	1 36	30 5	9 1	23 31	23 34	7 3		n.a.
T 14	4 30	2n48	4 55	6 15	1 19	18 52	0 45	22 47	0 0	18 35	0 53	23 18	0 16	20 57	0 1	6 38	1 36	30 5	9 1	23 31	23 34	7 6		n.a.
W15	4 6	8 35	4 30	5 29	1 14	18 42	0 40	22 51	0n 1	18 35	0 53	23 18	0 16	20 57	0 1	6 38	1 36	30 5	9 1	23 32	23 34	7 9		n.a.
T 16	3 42	13 48	3 46	4 43	1 8	18 31	0 35	22 55	0 3	18 35	0 53	23 18	0 16	20 57	0 1	6 37	1 36	30 5	9 2	23 32	23 34	7 11		n.a.
F 17	3 19	18 7	2 49	3 58	1 3	18 19	0 30	22 59	0 4	18 35	0 53	23 18	0 16	20 58	0 1	6 36	1 36	30 5	9 2	23 32	23 34	7 14		n.a.
S 18	2 55	21 18	1 43	3 12	0 57	18 7	0 25	23 4	0 5	18 35	0 53	23 18	0 16	20 58	0 1	6 35	1 36	30 5	9 2	23 32	23 35	7 17		n.a.
S 19	2 31	23 9	0 33	2 26	0 51	17 55	0 20	23 8	0 7	18 35	0 53	23 18	0 16	20 58	0 1	6 34	1 36	30 5	9 2	23 32	23 35	7 19		n.a.
M20	2 7	23 37	0n37	1 40	0 45	17 42	0 15	23 12	0 9	18 35	0 53	23 18	0 16	20 59	0 1	6 33	1 36	30 5	9 3	23 32	23 35	7 22		n.a.
T 21	1 43	22 47	1 44	0 55	0 38	17 28	0 10	23 15	0 10	18 35	0 53	23 18	0 16	20 59	0 1	6 32	1 36	30 5	9 3	23 32	23 35	7 25		n.a.
W22	1 19	20 45	2 44	0 9	0 32	17 14	0 6	23 19	0 12	18 34	0 53	23 17	0 16	20 59	0 1	6 31	1 36	30 5	9 3	23 33	23 35	7 27		n.a.
T 23	0 55	17 44	3 35	0s36	0 26	16 59	0 1	23 23	0 13	18 34	0 53	23 17	0 16	21 0	0 1	6 31	1 36	30 5	9 4	23 33	23 35	7 30		n.a.
F 24	0 31	13 58	4 15	1 21	0 19	16 44	0n 4	23 26	0 15	18 34	0 53	23 17	0 16	21 0	0 1	6 30	1 36	30 5	9 4	23 33	23 35	7 33		n.a.
S 25	0 7	9 40	4 43	2 6	0 12	16 28	0 8	23 30	0 17	18 33	0 53	23 17	0 16	21 1	0 1	6 29	1 36	30 5	9 4	23 34	23 35	7 36		n.a.
S 26	0s17	5 1	4 57	2 51	0 6	16 12	0 13	23 33	0 18	18 33	0 53	23 17	0 16	21 1	0 1	6 28	1 36	30 5	9 4	23 35	23 36	7 38		n.a.
M27	0 41	0 14	4 58	3 35	0s 1	15 55	0 17	23 37	0 20	18 32	0 53	23 17	0 16	21 1	0 1	6 27	1 36	30 6	9 5	23 35	23 36	7 41		n.a.
T 28	1 5	4s31	4 46	4 19	0 8	15 38	0 21	23 40	0 22	18 32	0 53	23 17	0 15	21 2	0 1	6 26	1 36	30 6	9 5	23 36	23 36	7 44		n.a.
W29	1 29	9 6	4 21	5 3	0 14	15 20	0 25	23 43	0 24	18 31	0 53	23 17	0 15	21 2	0 1	6 26	1 36	30 6	9 5	23 36	23 36	7 46		n.a.
T 30	1s53	13s20	3n45	5s46	0s21	15n 2	0n29	23n47	0n25	18n30	0s53	23n17	0s15	21s 3	0s 2	6n25	1n36	30n 6	9n 6	23n37	23n36	7s49		n.a.

Julian Day Number = 1711074.5, Delta T = 03h00m42s
Ecliptic obliquity = 23°41'54, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°27'13, Lahiri = - 4°20'13 Julian Calendar 1 Sept. 29 BCE == Greg. Calendar 30 Aug. 029 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 29 BCE
geocentric

OCTOBER 29 BCE (-28) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 29 55	5♎42'38	28♏15	15♎13	22♌24	20♊52	25°R33	6♋30	3♐14	17♍40	26♋ 0	4°R42	4♋59	1♏39	n.a.	F 1
S 2	0 33 52	6°42'47	10♐ 8	16°46	23°33	21°10	25♉30	6°32	3°16	17°42	26° 1	4♋38	4°55	1°46	n.a.	S 2
S 3	0 37 48	7°42'58	22°10	18°19	24°42	21°29	25°27	6°34	3°19	17°44	26° 2	4°36	4°52	1°52	n.a.	S 3
M 4	0 41 45	8°43'10	4♑25	19°52	25°51	21°46	25°23	6°36	3°21	17°46	26° 2	4°35	4°49	1°59	n.a.	M 4
T 5	0 45 41	9°43'24	16°59	21°24	27° 1	22° 3	25°20	6°38	3°24	17°48	26° 3	4°35	4°46	2° 6	n.a.	T 5
W 6	0 49 38	10°43'40	29°57	22°55	28°10	22°20	25°16	6°40	3°26	17°50	26° 4	4°34	4°43	2°12	n.a.	W 6
T 7	0 53 34	11°43'57	13♒23	24°26	29°20	22°36	25°12	6°41	3°29	17°52	26° 5	4°31	4°40	2°19	n.a.	T 7
F 8	0 57 31	12°44'16	27°19	25°57	0♍30	22°51	25° 8	6°43	3°31	17°55	26° 5	4°26	4°36	2°26	n.a.	F 8
S 9	1 1 27	13°44'36	11♓45	27°27	1°40	23° 6	25° 3	6°44	3°34	17°57	26° 6	4°17	4°33	2°32	n.a.	S 9
S 10	1 5 24	14°44'58	26°37	28°57	2°50	23°21	24°59	6°45	3°36	17°59	26° 6	4° 7	4°30	2°39	n.a.	S 10
M11	1 9 21	15°45'22	11♈48	0♏26	4° 1	23°35	24°54	6°47	3°39	18° 1	26° 7	3°56	4°27	2°46	n.a.	M11
T 12	1 13 17	16°45'47	27° 7	1°55	5°11	23°48	24°49	6°48	3°42	18° 3	26° 8	3°45	4°24	2°53	n.a.	T 12
W13	1 17 14	17°46'14	12♉22	3°24	6°22	24° 0	24°44	6°49	3°45	18° 5	26° 8	3°35	4°21	2°59	n.a.	W13
T 14	1 21 10	18°46'43	27°23	4°51	7°33	24°12	24°39	6°49	3°47	18° 7	26° 9	3°29	4°17	3° 6	n.a.	T 14
F 15	1 25 7	19°47'14	12♊ 2	6°19	8°44	24°24	24°33	6°50	3°50	18° 9	26° 9	3°25	4°14	3°13	n.a.	F 15
S 16	1 29 3	20°47'47	26°16	7°46	9°55	24°35	24°28	6°51	3°53	18°11	26°10	3°23	4°11	3°19	n.a.	S 16
S 17	1 33 0	21°48'22	10♋ 2	9°12	11° 6	24°45	24°22	6°51	3°56	18°13	26°10	3°D23	4° 8	3°26	n.a.	S 17
M18	1 36 56	22°48'59	23°23	10°38	12°17	24°54	24°16	6°52	3°59	18°15	26°10	3°R23	4° 5	3°33	n.a.	M18
T 19	1 40 53	23°49'38	6♌21	12° 3	13°29	25° 3	24°10	6°52	4° 2	18°17	26°11	3°22	4° 1	3°40	n.a.	T 19
W20	1 44 50	24°50'18	19° 1	13°27	14°40	25°11	24° 4	6°52	4° 5	18°18	26°11	3°20	3°58	3°46	n.a.	W20
T 21	1 48 46	25°51'00	1♍27	14°50	15°52	25°18	23°57	6°R52	4° 8	18°20	26°11	3°14	3°55	3°53	n.a.	T 21
F 22	1 52 43	26°51'44	13°41	16°13	17° 4	25°25	23°51	6°52	4°11	18°22	26°12	3° 6	3°52	4° 0	n.a.	F 22
S 23	1 56 39	27°52'29	25°46	17°34	18°15	25°31	23°44	6°52	4°14	18°24	26°12	2°56	3°49	4° 6	n.a.	S 23
S 24	2 0 36	28°53'17	7♎46	18°54	19°27	25°36	23°38	6°52	4°17	18°26	26°12	2°43	3°46	4°13	n.a.	S 24
M25	2 4 32	29°54'05	19°41	20°13	20°40	25°40	23°31	6°51	4°20	18°28	26°12	2°30	3°42	4°20	n.a.	M25
T 26	2 8 29	0♏54'55	1♏33	21°30	21°52	25°44	23°24	6°51	4°23	18°29	26°12	2°18	3°39	4°26	n.a.	T 26
W27	2 12 25	1°55'47	13°23	22°46	23° 4	25°47	23°17	6°50	4°27	18°31	26°12	2° 7	3°36	4°33	n.a.	W27
T 28	2 16 22	2°56'39	25°14	23°59	24°16	25°49	23°10	6°49	4°30	18°33	26°13	1°58	3°33	4°40	n.a.	T 28
F 29	2 20 19	3°57'33	7♐ 6	25°10	25°29	25°50	23° 2	6°48	4°33	18°35	26°13	1°52	3°30	4°47	n.a.	F 29
S 30	2 24 15	4°58'28	19° 3	26°19	26°41	25°R51	22°55	6°47	4°36	18°36	26°R13	1°49	3°27	4°53	n.a.	S 30
S 31	2 28 12	5♏59'25	1♑ 7	27♏24	27♍54	25♊50	22♉47	6♋46	4♐39	18♍38	26♋13	1°D48	3♋23	5♏ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2s18	17s 4	2n59	6s29	0s28	14n43	0n33	23n50	0n27	18n30	0s53	23n17	0s15	21s 3	0s 2	6n24	1n36	30n 6	9n 6	23n37	23n36	7s52		n.a.
S 2	2 42	20 9	2 5	7 11	0 34	14 24	0 37	23 53	0 29	18 29	0 53	23 17	0 15	21 4	0 2	6 23	1 36	30 6	9 6	23 37	23 36	7 54		n.a.
S 3	3 6	22 23	1 5	7 53	0 41	14 4	0 41	23 56	0 31	18 28	0 53	23 17	0 15	21 4	0 2	6 22	1 36	30 6	9 7	23 37	23 36	7 57		n.a.
M 4	3 30	23 37	0 1	8 35	0 47	13 44	0 45	23 59	0 33	18 27	0 53	23 17	0 15	21 5	0 2	6 21	1 36	30 7	9 7	23 37	23 37	8 0		n.a.
T 5	3 54	23 41	1s 5	9 16	0 54	13 24	0 49	24 2	0 35	18 26	0 54	23 17	0 15	21 5	0 2	6 21	1 36	30 7	9 7	23 37	23 37	8 2		n.a.
W 6	4 17	22 30	2 10	9 56	1 0	13 3	0 52	24 5	0 36	18 25	0 54	23 17	0 15	21 6	0 2	6 20	1 36	30 7	9 8	23 37	23 37	8 5		n.a.
T 7	4 41	20 1	3 10	10 36	1 7	12 42	0 56	24 8	0 38	18 24	0 54	23 17	0 15	21 6	0 2	6 19	1 36	30 7	9 8	23 37	23 37	8 8		n.a.
F 8	5 5	16 18	4 1	11 15	1 13	12 20	0 59	24 11	0 40	18 23	0 54	23 17	0 15	21 7	0 2	6 18	1 36	30 7	9 8	23 37	23 37	8 10		n.a.
S 9	5 29	11 30	4 38	11 54	1 19	11 58	1 2	24 13	0 42	18 22	0 54	23 17	0 15	21 7	0 2	6 17	1 36	30 7	9 9	23 38	23 37	8 13		n.a.
S 10	5 52	5 55	4 58	12 32	1 25	11 35	1 5	24 16	0 44	18 21	0 54	23 17	0 15	21 8	0 2	6 17	1 36	30 8	9 9	23 38	23 37	8 16		n.a.
M11	6 16	0n 9	4 58	13 10	1 31	11 12	1 9	24 19	0 46	18 20	0 54	23 17	0 15	21 8	0 2	6 16	1 36	30 8	9 9	23 38	23 37	8 18		n.a.
T 12	6 39	6 16	4 36	13 46	1 36	10 49	1 12	24 22	0 49	18 19	0 54	23 17	0 14	21 9	0 2	6 15	1 36	30 8	9 10	23 39	23 37	8 21		n.a.
W13	7 3	11 59	3 55	14 22	1 42	10 25	1 14	24 24	0 51	18 18	0 53	23 17	0 14	21 9	0 2	6 14	1 36	30 8	9 10	23 39	23 38	8 24		n.a.
T 14	7 26	16 54	2 58	14 58	1 47	10 2	1 17	24 27	0 53	18 16	0 53	23 17	0 14	21 10	0 2	6 14	1 36	30 9	9 10	23 39	23 38	8 26		n.a.
F 15	7 49	20 39	1 51	15 32	1 52	9 37	1 20	24 30	0 55	18 15	0 53	23 17	0 14	21 10	0 2	6 13	1 36	30 9	9 11	23 39	23 38	8 29		n.a.
S 16	8 12	23 1	0 38	16 6	1 57	9 13	1 23	24 32	0 57	18 14	0 53	23 17	0 14	21 11	0 2	6 12	1 37	30 9	9 11	23 39	23 38	8 32		n.a.
S 17	8 35	23 54	0n35	16 38	2 2	8 48	1 25	24 35	0 59	18 12	0 53	23 17	0 14	21 11	0 2	6 11	1 37	30 9	9 11	23 39	23 38	8 34		n.a.
M18	8 58	23 21	1 44	17 10	2 6	8 22	1 28	24 38	1 2	18 11	0 53	23 17	0 14	21 12	0 2	6 11	1 37	30 9	9 12	23 39	23 38	8 37		n.a.
T 19	9 21	21 33	2 46	17 41	2 11	7 57	1 30	24 40	1 4	18 9	0 53	23 17	0 14	21 13	0 2	6 10	1 37	30 10	9 12	23 39	23 38	8 40		n.a.
W20	9 43	18 43	3 37	18 11	2 14	7 31	1 32	24 43	1 6	18 8	0 53	23 17	0 14	21 13	0 2	6 9	1 37	30 10	9 12	23 39	23 38	8 43		n.a.
T 21	10 6	15 5	4 18	18 39	2 18	7 5	1 34	24 45	1 9	18 6	0 53	23 17	0 14	21 14	0 2	6 8	1 37	30 10	9 13	23 39	23 38	8 45		n.a.
F 22	10 28	10 52	4 45	19 7	2 21	6 38	1 36	24 48	1 11	18 5	0 53	23 17	0 14	21 14	0 2	6 8	1 37	30 11	9 13	23 40	23 38	8 48		n.a.
S 23	10 50	6 17	5 0	19 33	2 24	6 12	1 38	24 51	1 13	18 3	0 53	23 17	0 14	21 15	0 2	6 7	1 37	30 11	9 13	23 40	23 39	8 51		n.a.
S 24	11 12	1 30	5 1	19 58	2 26	5 45	1 40	24 53	1 16	18 1	0 53	23 18	0 14	21 15	0 2	6 6	1 37	30 11	9 14	23 40	23 39	8 53		n.a.
M25	11 33	3s19	4 49	20 22	2 28	5 18	1 42	24 56	1 18	18 0	0 53	23 18	0 13	21 16	0 2	6 6	1 37	30 11	9 14	23 40	23 39	8 56		n.a.
T 26	11 55	8 0	4 25	20 44	2 30	4 51	1 44	24 58	1 21	17 58	0 53	23 18	0 13	21 17	0 2	6 5	1 37	30 12	9 14	23 41	23 39	8 59		n.a.
W27	12 16	12 24	3 49	21 5	2 30	4 23	1 45	25 1	1 23	17 56	0 53	23 18	0 13	21 17	0 2	6 4	1 37	30 12	9 15	23 41	23 39	9 1		n.a.
T 28	12 38	16 20	3 3	21 24	2 31	3 56	1 47	25 4	1 26	17 55	0 53	23 18	0 13	21 18	0 2	6 4	1 37	30 12	9 15	23 41	23 39	9 4		n.a.
F 29	12 58	19 37	2 8	21 42	2 30	3 28	1 48	25 6	1 28	17 53	0 53	23 18	0 13	21 18	0 2	6 3	1 37	30 13	9 15	23 41	23 39	9 7		n.a.
S 30	13 19	22 7	1 8	21 57	2 29	3 0	1 49	25 9	1 31	17 51	0 53	23 18	0 13	21 19	0 2	6 2	1 37	30 13	9 16	23 41	23 39	9 9		n.a.
S 31	13s40	23s38	0n 4	22s11	2s28	2n32	1n50	25n11	1n34	17n49	0s53	23n18	0s13	21s20	0s 2	6n 2	1n37	30n13	9n16	23n41	23n39	9s12		n.a.

Julian Day Number = 1711104.5, Delta T = 03h00m41s
Ecliptic obliquity = 23°41'54, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°27'09, Lahiri = - 4°20'09 Julian Calendar 1 Oct. 29 BCE == Greg. Calendar 29 Sept. 029 BCE

The year -28 astronomical counting style corresponds to year 029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 29 BCE
geocentric

NOVEMBER 29 BCE (-28) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 32 8	7♏ 0'22	13♉23	28♏26	29♍ 7	25°R49	22°R40	6°R45	4♐43	18♍40	26°R13	1♋49	3♋20	5♏ 7	n.a.	M 1
T 2	2 36 5	8° 1'20	25°55	29°24	0♎20	25♊47	22♉32	6♋44	4°46	18°41	26♋13	1°50	3°17	5°13	n.a.	T 2
W 3	2 40 1	9° 2'19	8♒47	0♐17	1°33	25°44	22°24	6°42	4°49	18°43	26°12	1°R50	3°14	5°20	n.a.	W 3
T 4	2 43 58	10° 3'18	22° 5	1° 5	2°45	25°41	22°17	6°41	4°53	18°44	26°12	1°50	3°11	5°27	n.a.	T 4
F 5	2 47 54	11° 4'19	5♓50	1°47	3°58	25°36	22° 9	6°39	4°56	18°46	26°12	1°47	3° 7	5°34	n.a.	F 5
S 6	2 51 51	12° 5'20	20° 3	2°23	5°12	25°31	22° 1	6°37	5° 0	18°47	26°12	1°42	3° 4	5°40	n.a.	S 6
S 7	2 55 48	13° 6'21	4♈45	2°51	6°25	25°25	21°53	6°36	5° 3	18°49	26°12	1°35	3° 1	5°47	n.a.	S 7
M 8	2 59 44	14° 7'24	19°48	3°11	7°38	25°18	21°45	6°34	5° 6	18°50	26°12	1°28	2°58	5°54	n.a.	M 8
T 9	3 3 41	15° 8'27	5♉ 4	3°21	8°51	25°10	21°37	6°32	5°10	18°52	26°11	1°20	2°55	6° 0	n.a.	T 9
W10	3 7 37	16° 9'31	20°23	3°R22	10° 5	25° 2	21°29	6°29	5°13	18°53	26°11	1°14	2°52	6° 7	n.a.	W10
T 11	3 11 34	17°10'37	5♊33	3°12	11°18	24°52	21°20	6°27	5°17	18°55	26°11	1°10	2°48	6°14	n.a.	T 11
F 12	3 15 30	18°11'43	20°25	2°51	12°32	24°42	21°12	6°25	5°20	18°56	26°10	1° 7	2°45	6°20	n.a.	F 12
S 13	3 19 27	19°12'50	4♋53	2°18	13°45	24°31	21° 4	6°22	5°24	18°57	26°10	1°D 7	2°42	6°27	n.a.	S 13
S 14	3 23 23	20°13'58	18°52	1°34	14°59	24°19	20°56	6°20	5°27	18°59	26°10	1° 8	2°39	6°34	n.a.	S 14
M15	3 27 20	21°15'07	2♌23	0°39	16°12	24° 6	20°48	6°17	5°31	19° 0	26° 9	1° 9	2°36	6°41	n.a.	M15
T 16	3 31 17	22°16'17	15°28	29♏34	17°26	23°52	20°40	6°14	5°34	19° 1	26° 9	1°10	2°33	6°47	n.a.	T 16
W17	3 35 13	23°17'27	28°11	28°21	18°40	23°38	20°31	6°12	5°38	19° 2	26° 8	1°R11	2°29	6°54	n.a.	W17
T 18	3 39 10	24°18'39	10♍35	27° 2	19°54	23°23	20°23	6° 9	5°41	19° 4	26° 8	1° 9	2°26	7° 1	n.a.	T 18
F 19	3 43 6	25°19'51	22°45	25°40	21° 8	23° 7	20°15	6° 6	5°45	19° 5	26° 7	1° 6	2°23	7° 7	n.a.	F 19
S 20	3 47 3	26°21'04	4♎45	24°18	22°21	22°50	20° 7	6° 2	5°49	19° 6	26° 7	1° 1	2°20	7°14	n.a.	S 20
S 21	3 50 59	27°22'18	16°39	22°57	23°35	22°33	19°59	5°59	5°52	19° 7	26° 6	0°55	2°17	7°21	n.a.	S 21
M22	3 54 56	28°23'32	28°30	21°42	24°49	22°15	19°51	5°56	5°56	19° 8	26° 5	0°49	2°13	7°27	n.a.	M22
T 23	3 58 52	29°24'47	10♏20	20°33	26° 3	21°56	19°43	5°52	5°59	19° 9	26° 5	0°43	2°10	7°34	n.a.	T 23
W24	4 2 49	0♐26'02	22°12	19°33	27°18	21°36	19°35	5°49	6° 3	19°10	26° 4	0°37	2° 7	7°41	n.a.	W24
T 25	4 6 46	1°27'18	4♐ 7	18°43	28°32	21°17	19°27	5°45	6° 7	19°11	26° 3	0°33	2° 4	7°47	n.a.	T 25
F 26	4 10 42	2°28'34	16° 7	18° 3	29°46	20°56	19°19	5°42	6°10	19°12	26° 3	0°30	2° 1	7°54	n.a.	F 26
S 27	4 14 39	3°29'50	28°13	17°34	1♏ 0	20°35	19°12	5°38	6°14	19°13	26° 2	0°D30	1°58	8° 1	n.a.	S 27
S 28	4 18 35	4°31'07	10♑29	17°15	2°14	20°13	19° 4	5°34	6°18	19°14	26° 1	0°30	1°54	8° 8	n.a.	S 28
M29	4 22 32	5°32'23	22°55	17°D 7	3°28	19°51	18°56	5°30	6°21	19°15	26° 0	0°31	1°51	8°14	n.a.	M29
T 30	4 26 28	6♐33'39	5♒34	17♏ 9	4♏43	19♊29	18♉49	5♋26	6♐25	19♍15	25♋59	0♋33	1♋48	8♏21	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s 0	24s 3	1s 2	22s23	2s25	2n 3	1n51	25n14	1n36	17n47	0s53	23n19	0s13	21s20	0s 2	6n 1	1n37	30n14	9n16	23n41	23n39	9s15		n.a.
T 2	14 20	23 15	2 6	22 32	2 21	1 35	1 52	25 17	1 39	17 45	0 53	23 19	0 13	21 21	0 2	6 1	1 37	30 14	9 17	23 41	23 39	9 17		n.a.
W 3	14 40	21 14	3 5	22 40	2 17	1 6	1 53	25 19	1 42	17 44	0 52	23 19	0 13	21 22	0 2	6 0	1 37	30 14	9 17	23 41	23 39	9 20		n.a.
T 4	14 59	18 2	3 57	22 44	2 11	0 38	1 54	25 22	1 44	17 42	0 52	23 19	0 13	21 22	0 2	5 59	1 37	30 15	9 17	23 41	23 40	9 23		n.a.
F 5	15 19	13 45	4 37	22 47	2 5	0 9	1 55	25 24	1 47	17 40	0 52	23 19	0 13	21 23	0 2	5 59	1 37	30 15	9 18	23 41	23 40	9 25		n.a.
S 6	15 38	8 35	5 1	22 46	1 57	0s20	1 55	25 27	1 50	17 38	0 52	23 19	0 12	21 23	0 2	5 58	1 37	30 15	9 18	23 41	23 40	9 28		n.a.
S 7	15 56	2 47	5 7	22 43	1 48	0 48	1 56	25 29	1 52	17 36	0 52	23 20	0 12	21 24	0 2	5 58	1 37	30 16	9 18	23 41	23 40	9 31		n.a.
M 8	16 15	3n19	4 52	22 36	1 37	1 17	1 56	25 32	1 55	17 34	0 52	23 20	0 12	21 25	0 2	5 57	1 38	30 16	9 19	23 41	23 40	9 33		n.a.
T 9	16 33	9 20	4 16	22 27	1 25	1 46	1 56	25 34	1 58	17 32	0 52	23 20	0 12	21 25	0 2	5 57	1 38	30 17	9 19	23 41	23 40	9 36		n.a.
W10	16 51	14 47	3 22	22 13	1 12	2 15	1 57	25 37	2 1	17 30	0 52	23 20	0 12	21 26	0 2	5 56	1 38	30 17	9 19	23 42	23 40	9 38		n.a.
T 11	17 9	19 16	2 14	21 57	0 57	2 44	1 57	25 39	2 3	17 28	0 52	23 20	0 12	21 27	0 2	5 56	1 38	30 17	9 20	23 42	23 40	9 41		n.a.
F 12	17 26	22 23	0 58	21 36	0 40	3 13	1 57	25 42	2 6	17 26	0 51	23 21	0 12	21 27	0 2	5 55	1 38	30 18	9 20	23 42	23 40	9 44		n.a.
S 13	17 43	23 57	0n20	21 13	0 22	3 42	1 57	25 44	2 9	17 24	0 51	23 21	0 12	21 28	0 2	5 55	1 38	30 18	9 20	23 42	23 40	9 46		n.a.
S 14	18 0	23 55	1 35	20 45	0 3	4 11	1 56	25 46	2 12	17 22	0 51	23 21	0 12	21 29	0 2	5 54	1 38	30 19	9 21	23 42	23 40	9 49		n.a.
M15	18 16	22 28	2 42	20 14	0n16	4 39	1 56	25 48	2 15	17 20	0 51	23 21	0 12	21 29	0 2	5 54	1 38	30 19	9 21	23 42	23 40	9 52		n.a.
T 16	18 32	19 50	3 38	19 41	0 37	5 8	1 56	25 50	2 17	17 18	0 51	23 21	0 12	21 30	0 2	5 53	1 38	30 19	9 21	23 42	23 40	9 54		n.a.
W17	18 48	16 19	4 21	19 5	0 57	5 37	1 55	25 52	2 20	17 16	0 51	23 22	0 12	21 30	0 2	5 53	1 38	30 20	9 22	23 42	23 40	9 57		n.a.
T 18	19 3	12 10	4 51	18 27	1 17	6 5	1 55	25 54	2 23	17 14	0 51	23 22	0 11	21 31	0 2	5 53	1 38	30 20	9 22	23 42	23 41	10 0		n.a.
F 19	19 18	7 37	5 8	17 50	1 36	6 34	1 54	25 56	2 25	17 11	0 50	23 22	0 11	21 32	0 2	5 52	1 38	30 21	9 22	23 42	23 41	10 2		n.a.
S 20	19 33	2 50	5 10	17 12	1 54	7 2	1 54	25 58	2 28	17 9	0 50	23 22	0 11	21 32	0 2	5 52	1 38	30 21	9 23	23 42	23 41	10 5		n.a.
S 21	19 47	2s 1	5 0	16 37	2 10	7 31	1 53	26 0	2 31	17 7	0 50	23 23	0 11	21 33	0 2	5 51	1 38	30 21	9 23	23 42	23 41	10 8		n.a.
M22	20 1	6 46	4 36	16 4	2 24	7 59	1 52	26 1	2 33	17 5	0 50	23 23	0 11	21 34	0 2	5 51	1 38	30 22	9 23	23 42	23 41	10 10		n.a.
T 23	20 15	11 17	4 0	15 35	2 36	8 27	1 51	26 3	2 36	17 3	0 50	23 23	0 11	21 34	0 2	5 51	1 38	30 22	9 24	23 42	23 41	10 13		n.a.
W24	20 28	15 23	3 14	15 10	2 45	8 55	1 50	26 4	2 39	17 1	0 50	23 23	0 11	21 35	0 2	5 50	1 38	30 23	9 24	23 42	23 41	10 16		n.a.
T 25	20 40	18 55	2 20	14 49	2 52	9 22	1 49	26 5	2 41	16 59	0 49	23 24	0 11	21 36	0 2	5 50	1 38	30 23	9 24	23 42	23 41	10 18		n.a.
F 26	20 53	21 40	1 18	14 34	2 57	9 50	1 48	26 6	2 44	16 57	0 49	23 24	0 11	21 36	0 2	5 50	1 39	30 24	9 25	23 42	23 41	10 21		n.a.
S 27	21 5	23 29	0 12	14 23	3 0	10 17	1 47	26 7	2 46	16 56	0 49	23 24	0 11	21 37	0 2	5 49	1 39	30 24	9 25	23 42	23 41	10 24		n.a.
S 28	21 16	24 11	0s55	14 17	3 1	10 44	1 45	26 8	2 48	16 54	0 49	23 24	0 10	21 37	0 2	5 49	1 39	30 25	9 25	23 42	23 41	10 26		n.a.
M29	21 28	23 42	2 0	14 15	3 0	11 11	1 44	26 9	2 51	16 52	0 49	23 25	0 10	21 38	0 2	5 49	1 39	30 25	9 25	23 42	23 41	10 29		n.a.
T 30	21s38	22s 1	3s 1	14s17	2n58	11s37	1n43	26n 9	2n53	16n50	0s48	23n25	0s10	21s39	0s 2	5n49	1n39	30n25	9n26	23n42	23n41	10s31		n.a.

Julian Day Number = 1711135.5, Delta T = 03h00m40s
Ecliptic obliquity = 23°41'54, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°27'05, Lahiri = - 4°20'04 Julian Calendar 1 Nov. 29 BCE == Greg. Calendar 30 Oct. 029 BCE

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ASTRODIENST EPHEMERIS for the year 29 BCE
geocentric

DECEMBER 29 BCE (-28) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 30 25	7♐34'55	18♒30	17♏19	5♏57	19°R 6	18°R42	5°R22	6♐28	19♍16	25°R58	0♋35	1♋45	8♏28	n.a.	W 1
T 2	4 34 22	8°36'11	1♓45	17°38	7°11	18♊43	18♉34	5♋18	6°32	19°17	25♋58	0°35	1°42	8°34	n.a.	T 2
F 3	4 38 18	9°37'26	15°22	18° 3	8°26	18°20	18°27	5°14	6°36	19°18	25°57	0°R36	1°38	8°41	n.a.	F 3
S 4	4 42 15	10°38'41	29°22	18°36	9°40	17°56	18°20	5°10	6°39	19°18	25°56	0°35	1°35	8°48	n.a.	S 4
S 5	4 46 11	11°39'55	13♈44	19°15	10°54	17°32	18°13	5° 6	6°43	19°19	25°55	0°33	1°32	8°54	n.a.	S 5
M 6	4 50 8	12°41'09	28°25	19°59	12° 9	17° 8	18° 6	5° 1	6°46	19°19	25°54	0°30	1°29	9° 1	n.a.	M 6
T 7	4 54 4	13°42'23	13♉21	20°47	13°23	16°44	18° 0	4°57	6°50	19°20	25°53	0°28	1°26	9° 8	n.a.	T 7
W 8	4 58 1	14°43'36	28°23	21°41	14°38	16°20	17°53	4°53	6°54	19°21	25°52	0°26	1°23	9°15	n.a.	W 8
T 9	5 1 57	15°44'49	13♊23	22°37	15°52	15°56	17°47	4°48	6°57	19°21	25°51	0°25	1°19	9°21	n.a.	T 9
F 10	5 5 54	16°46'02	28°12	23°38	17° 6	15°32	17°40	4°44	7° 1	19°22	25°50	0°D24	1°16	9°28	n.a.	F 10
S 11	5 9 51	17°47'15	12♋42	24°41	18°21	15° 8	17°34	4°39	7° 4	19°22	25°49	0°25	1°13	9°35	n.a.	S 11
S 12	5 13 47	18°48'27	26°49	25°47	19°35	14°45	17°28	4°34	7° 8	19°22	25°48	0°25	1°10	9°41	n.a.	S 12
M13	5 17 44	19°49'39	10♌29	26°56	20°50	14°21	17°23	4°30	7°12	19°23	25°46	0°26	1° 7	9°48	n.a.	M13
T 14	5 21 40	20°50'51	23°44	28° 6	22° 5	13°58	17°17	4°25	7°15	19°23	25°45	0°27	1° 4	9°55	n.a.	T 14
W15	5 25 37	21°52'02	6♍34	29°19	23°19	13°35	17°11	4°20	7°19	19°23	25°44	0°28	1° 0	10° 1	n.a.	W15
T 16	5 29 33	22°53'14	19° 3	0♐34	24°34	13°12	17° 6	4°16	7°22	19°24	25°43	0°R28	0°57	10° 8	n.a.	T 16
F 17	5 33 30	23°54'24	1♎16	1°50	25°48	12°50	17° 1	4°11	7°26	19°24	25°42	0°28	0°54	10°15	n.a.	F 17
S 18	5 37 27	24°55'35	13°16	3° 7	27° 3	12°28	16°56	4° 6	7°29	19°24	25°41	0°28	0°51	10°22	n.a.	S 18
S 19	5 41 23	25°56'45	25° 9	4°26	28°17	12° 7	16°51	4° 1	7°33	19°24	25°39	0°27	0°48	10°28	n.a.	S 19
M20	5 45 20	26°57'55	6♏59	5°46	29°32	11°46	16°46	3°56	7°36	19°24	25°38	0°27	0°44	10°35	n.a.	M20
T 21	5 49 16	27°59'04	18°49	7° 7	0♐47	11°25	16°42	3°51	7°40	19°25	25°37	0°26	0°41	10°42	n.a.	T 21
W22	5 53 13	29° 0'13	0♐43	8°30	2° 1	11° 5	16°37	3°46	7°43	19°25	25°36	0°26	0°38	10°48	n.a.	W22
T 23	5 57 9	0♑ 1'21	12°45	9°53	3°16	10°46	16°33	3°41	7°47	19°R25	25°34	0°D26	0°35	10°55	n.a.	T 23
F 24	6 1 6	1° 2'28	24°55	11°17	4°31	10°27	16°29	3°37	7°50	19°25	25°33	0°R26	0°32	11° 2	n.a.	F 24
S 25	6 5 2	2° 3'34	7♑15	12°42	5°45	10° 9	16°25	3°32	7°53	19°25	25°32	0°26	0°29	11° 8	n.a.	S 25
S 26	6 8 59	3° 4'40	19°48	14° 8	7° 0	9°52	16°22	3°27	7°57	19°24	25°30	0°26	0°25	11°15	n.a.	S 26
M27	6 12 56	4° 5'44	2♒33	15°35	8°15	9°35	16°18	3°22	8° 0	19°24	25°29	0°26	0°22	11°22	n.a.	M27
T 28	6 16 52	5° 6'48	15°31	17° 3	9°29	9°19	16°15	3°17	8° 3	19°24	25°28	0°25	0°19	11°28	n.a.	T 28
W29	6 20 49	6° 7'50	28°43	18°31	10°44	9° 4	16°12	3°12	8° 7	19°24	25°26	0°24	0°16	11°35	n.a.	W29
T 30	6 24 45	7° 8'51	12♓ 9	20° 0	11°59	8°50	16° 9	3° 7	8°10	19°24	25°25	0°24	0°13	11°42	n.a.	T 30
F 31	6 28 42	8♑ 9'50	25♓50	21♐30	13♐13	8♊36	16♉ 7	3♋ 2	8♐13	19♍24	25♋24	0♋23	0♋10	11♏48	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21 s49	19 s 9	3 s54	14 s23	2n55	12 s 3	1n41	26n 9	2n55	16n48	0 s48	23n25	0 s10	21 s39	0 s 2	5n48	1n39	30n26	9n26	23n42	23n41	10 s34		n.a.
T 2	21 59	15 16	4 37	14 33	2 51	12 29	1 40	26 9	2 57	16 46	0 48	23 25	0 10	21 40	0 2	5 48	1 39	30 26	9 26	23 42	23 41	10 37		n.a.
F 3	22 8	10 30	5 5	14 45	2 45	12 55	1 38	26 9	2 59	16 44	0 48	23 26	0 10	21 41	0 2	5 48	1 39	30 27	9 27	23 42	23 41	10 39		n.a.
S 4	22 17	5 4	5 15	14 59	2 40	13 21	1 36	26 9	3 1	16 43	0 48	23 26	0 10	21 41	0 2	5 48	1 39	30 27	9 27	23 42	23 41	10 42		n.a.
S 5	22 26	0n46	5 7	15 16	2 33	13 46	1 35	26 9	3 3	16 41	0 47	23 26	0 10	21 42	0 2	5 47	1 39	30 28	9 27	23 42	23 41	10 45		n.a.
M 6	22 34	6 41	4 39	15 35	2 26	14 10	1 33	26 8	3 5	16 39	0 47	23 26	0 10	21 43	0 2	5 47	1 39	30 28	9 27	23 42	23 41	10 47		n.a.
T 7	22 42	12 20	3 52	15 55	2 19	14 35	1 31	26 8	3 7	16 38	0 47	23 27	0 10	21 43	0 2	5 47	1 39	30 29	9 28	23 42	23 41	10 50		n.a.
W 8	22 49	17 17	2 48	16 16	2 11	14 59	1 29	26 7	3 9	16 36	0 47	23 27	0 9	21 44	0 2	5 47	1 39	30 29	9 28	23 42	23 41	10 53		n.a.
T 9	22 56	21 7	1 33	16 39	2 3	15 23	1 27	26 6	3 10	16 34	0 47	23 27	0 9	21 44	0 2	5 47	1 39	30 30	9 28	23 42	23 41	10 55		n.a.
F 10	23 2	23 29	0 12	17 2	1 55	15 46	1 25	26 5	3 12	16 33	0 46	23 28	0 9	21 45	0 2	5 47	1 39	30 30	9 28	23 42	23 42	10 58		n.a.
S 11	23 8	24 12	1n 8	17 25	1 46	16 9	1 23	26 4	3 13	16 31	0 46	23 28	0 9	21 46	0 2	5 46	1 39	30 31	9 29	23 42	23 42	11 0		n.a.
S 12	23 13	23 20	2 21	17 50	1 38	16 31	1 21	26 2	3 15	16 30	0 46	23 28	0 9	21 46	0 2	5 46	1 40	30 31	9 29	23 42	23 42	11 3		n.a.
M13	23 18	21 4	3 24	18 14	1 30	16 53	1 19	26 1	3 16	16 28	0 46	23 28	0 9	21 47	0 2	5 46	1 40	30 31	9 29	23 42	23 42	11 6		n.a.
T 14	23 23	17 45	4 15	18 38	1 21	17 15	1 17	25 59	3 17	16 27	0 45	23 29	0 9	21 47	0 2	5 46	1 40	30 32	9 29	23 42	23 42	11 8		n.a.
W15	23 27	13 41	4 50	19 3	1 12	17 36	1 14	25 57	3 18	16 26	0 45	23 29	0 9	21 48	0 2	5 46	1 40	30 32	9 30	23 42	23 42	11 11		n.a.
T 16	23 30	9 8	5 11	19 27	1 4	17 57	1 12	25 55	3 19	16 24	0 45	23 29	0 9	21 49	0 2	5 46	1 40	30 33	9 30	23 42	23 42	11 14		n.a.
F 17	23 33	4 20	5 17	19 51	0 56	18 17	1 10	25 53	3 20	16 23	0 45	23 29	0 9	21 49	0 2	5 46	1 40	30 33	9 30	23 42	23 42	11 16		n.a.
S 18	23 36	0 s33	5 9	20 14	0 47	18 37	1 7	25 51	3 21	16 22	0 45	23 30	0 8	21 50	0 2	5 46	1 40	30 34	9 30	23 42	23 42	11 19		n.a.
S 19	23 38	5 22	4 48	20 37	0 39	18 56	1 5	25 49	3 22	16 21	0 44	23 30	0 8	21 50	0 2	5 46	1 40	30 34	9 31	23 42	23 42	11 21		n.a.
M20	23 40	9 58	4 15	21 0	0 31	19 15	1 3	25 47	3 22	16 19	0 44	23 30	0 8	21 51	0 2	5 46	1 40	30 35	9 31	23 42	23 42	11 24		n.a.
T 21	23 41	14 13	3 31	21 22	0 22	19 33	1 0	25 45	3 23	16 18	0 44	23 30	0 8	21 52	0 2	5 46	1 40	30 35	9 31	23 42	23 42	11 27		n.a.
W22	23 42	17 57	2 38	21 43	0 14	19 51	0 58	25 42	3 23	16 17	0 44	23 31	0 8	21 52	0 2	5 46	1 40	30 36	9 31	23 42	23 42	11 29		n.a.
T 23	23 42	20 58	1 37	22 4	0 7	20 8	0 55	25 40	3 24	16 16	0 43	23 31	0 8	21 53	0 2	5 46	1 40	30 36	9 31	23 42	23 42	11 32		n.a.
F 24	23 42	23 5	0 31	22 24	0 s 1	20 25	0 53	25 37	3 24	16 16	0 43	23 31	0 8	21 53	0 2	5 46	1 40	30 36	9 32	23 42	23 42	11 35		n.a.
S 25	23 41	24 8	0 s38	22 43	0 9	20 41	0 50	25 35	3 24	16 15	0 43	23 31	0 8	21 54	0 2	5 46	1 40	30 37	9 32	23 42	23 42	11 37		n.a.
S 26	23 40	23 58	1 45	23 1	0 16	20 56	0 47	25 32	3 25	16 14	0 43	23 32	0 8	21 54	0 2	5 46	1 40	30 37	9 32	23 42	23 42	11 40		n.a.
M27	23 38	22 33	2 49	23 18	0 23	21 11	0 45	25 30	3 25	16 13	0 42	23 32	0 7	21 55	0 2	5 46	1 40	30 38	9 32	23 42	23 42	11 42		n.a.
T 28	23 36	19 56	3 45	23 34	0 31	21 25	0 42	25 27	3 25	16 12	0 42	23 32	0 7	21 56	0 2	5 47	1 41	30 38	9 32	23 42	23 42	11 45		n.a.
W29	23 33	16 15	4 30	23 49	0 37	21 39	0 40	25 25	3 25	16 12	0 42	23 32	0 7	21 56	0 2	5 47	1 41	30 39	9 33	23 42	23 42	11 48		n.a.
T 30	23 30	11 42	5 1	24 3	0 44	21 52	0 37	25 23	3 25	16 11	0 42	23 33	0 7	21 57	0 2	5 47	1 41	30 39	9 33	23 42	23 42	11 50		n.a.
F 31	23 s27	6 s30	5 s16	24 s16	0 s51	22 s 4	0n34	25n20	3n24	16n11	0 s41	23n33	0 s 7	21 s57	0 s 2	5n47	1n41	30n40	9n33	23n42	23n42	11 s53		n.a.

Julian Day Number = 1711165.5, Delta T = 03h00m39s
Ecliptic obliquity = 23°41'53, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°27'01, Lahiri = - 4°20'00 Julian Calendar 1 Dec. 29 BCE == Greg. Calendar 29 Nov. 029 BCE

The year -28 astronomical counting style corresponds to year 029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 28 BCE
geocentric

JANUARY 28 BCE (-27) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 32 38	9♉10'48	9♈44	23♐ 1	14♐28	8°R23	16°R 4	2°R57	8♐17	19°R23	25°R22	0°D23	0♋ 6	11♏55	n.a.	S 1
S 2	6 36 35	10°11'44	23°52	24°32	15°43	8♊11	16♉ 2	2♋52	8°20	19♍23	25♋21	0♋23	0° 3	12° 2	n.a.	S 2
M 3	6 40 31	11°12'39	8♉12	26° 4	16°57	8° 0	16° 0	2°47	8°23	19°23	25°19	0°24	0° 0	12° 9	n.a.	M 3
T 4	6 44 28	12°13'33	22°41	27°37	18°12	7°49	15°58	2°43	8°26	19°22	25°18	0°25	29♊57	12°15	n.a.	T 4
W 5	6 48 25	13°14'25	7♊15	29°10	19°26	7°40	15°57	2°38	8°29	19°22	25°17	0°26	29°54	12°22	n.a.	W 5
T 6	6 52 21	14°15'16	21°49	0♉44	20°41	7°31	15°55	2°33	8°32	19°21	25°15	0°27	29°50	12°29	n.a.	T 6
F 7	6 56 18	15°16'05	6♋17	2°19	21°56	7°23	15°54	2°28	8°35	19°21	25°14	0°R27	29°47	12°35	n.a.	F 7
S 8	7 0 14	16°16'53	20°33	3°55	23°10	7°15	15°53	2°23	8°39	19°20	25°12	0°26	29°44	12°42	n.a.	S 8
S 9	7 4 11	17°17'39	4♌33	5°31	24°25	7° 9	15°53	2°19	8°42	19°20	25°11	0°24	29°41	12°49	n.a.	S 9
M10	7 8 7	18°18'24	18°12	7° 8	25°40	7° 3	15°52	2°14	8°45	19°19	25° 9	0°22	29°38	12°55	n.a.	M10
T 11	7 12 4	19°19'08	1♍29	8°46	26°54	6°58	15°52	2°10	8°48	19°19	25° 8	0°19	29°35	13° 2	n.a.	T 11
W12	7 16 0	20°19'51	14°24	10°25	28° 9	6°54	15°D51	2° 5	8°50	19°18	25° 6	0°16	29°31	13° 9	n.a.	W12
T 13	7 19 57	21°20'32	26°58	12° 5	29°24	6°51	15°51	2° 0	8°53	19°17	25° 5	0°14	29°28	13°15	n.a.	T 13
F 14	7 23 54	22°21'12	9♎15	13°45	0♏38	6°48	15°52	1°56	8°56	19°17	25° 4	0°12	29°25	13°22	n.a.	F 14
S 15	7 27 50	23°21'50	21°18	15°27	1°53	6°47	15°52	1°52	8°59	19°16	25° 2	0°D11	29°22	13°29	n.a.	S 15
S 16	7 31 47	24°22'28	3♏12	17° 9	3° 8	6°46	15°53	1°47	9° 2	19°15	25° 1	0°12	29°19	13°36	n.a.	S 16
M17	7 35 43	25°23'04	15° 2	18°52	4°22	6°D45	15°53	1°43	9° 5	19°14	24°59	0°13	29°16	13°42	n.a.	M17
T 18	7 39 40	26°23'38	26°52	20°36	5°37	6°46	15°54	1°39	9° 7	19°14	24°58	0°15	29°12	13°49	n.a.	T 18
W19	7 43 36	27°24'11	8♐49	22°21	6°51	6°47	15°56	1°34	9°10	19°13	24°56	0°16	29° 9	13°56	n.a.	W19
T 20	7 47 33	28°24'43	20°55	24° 6	8° 6	6°49	15°57	1°30	9°13	19°12	24°55	0°18	29° 6	14° 2	n.a.	T 20
F 21	7 51 29	29°25'14	3♑14	25°53	9°21	6°52	15°59	1°26	9°16	19°11	24°53	0°R18	29° 3	14° 9	n.a.	F 21
S 22	7 55 26	0♒25'42	15°49	27°40	10°35	6°55	16° 1	1°22	9°18	19°10	24°52	0°17	29° 0	14°16	n.a.	S 22
S 23	7 59 23	1°26'09	28°40	29°29	11°50	6°59	16° 3	1°18	9°21	19° 9	24°50	0°14	28°56	14°22	n.a.	S 23
M24	8 3 19	2°26'35	11♒48	1♒18	13° 4	7° 4	16° 5	1°14	9°23	19° 8	24°49	0°10	28°53	14°29	n.a.	M24
T 25	8 7 16	3°26'58	25°12	3° 8	14°19	7° 9	16° 7	1°11	9°26	19° 7	24°47	0° 5	28°50	14°36	n.a.	T 25
W26	8 11 12	4°27'19	8♓50	5° 0	15°34	7°15	16°10	1° 7	9°28	19° 6	24°46	29♊59	28°47	14°42	n.a.	W26
T 27	8 15 9	5°27'39	22°39	6°52	16°48	7°22	16°13	1° 3	9°31	19° 5	24°45	29°54	28°44	14°49	n.a.	T 27
F 28	8 19 5	6°27'56	6♈36	8°44	18° 3	7°29	16°16	1° 0	9°33	19° 4	24°43	29°49	28°41	14°56	n.a.	F 28
S 29	8 23 2	7°28'11	20°40	10°38	19°17	7°38	16°19	0°56	9°35	19° 3	24°42	29°46	28°37	15° 2	n.a.	S 29
S 30	8 26 58	8°28'24	4♉47	12°32	20°32	7°46	16°22	0°53	9°38	19° 2	24°40	29°D45	28°34	15° 9	n.a.	S 30
M31	8 30 55	9♒28'35	18♉56	14♒27	21♑46	7♊55	16♉26	0♋50	9♐40	19♍ 1	24♋39	29♊45	28♊31	15♏16	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s23	0s53	5s13	24s27	0s57	22s16	0n32	25n18	3n24	16n10	0s41	23n33	0s 7	21s58	0s 2	5n47	1n41	30n40	9n33	23n42	23n42	11s55		n.a.
S 2	23 18	4n51	4 51	24 38	1 3	22 27	0 29	25 16	3 24	16 10	0 41	23 33	0 7	21 58	0 2	5 47	1 41	30 40	9 33	23 42	23 42	11 58		n.a.
M 3	23 13	10 26	4 11	24 47	1 9	22 37	0 26	25 14	3 24	16 10	0 41	23 33	0 7	21 59	0 2	5 48	1 41	30 41	9 33	23 42	23 42	12 1		n.a.
T 4	23 8	15 31	3 14	24 55	1 14	22 47	0 24	25 11	3 23	16 9	0 40	23 34	0 7	21 59	0 2	5 48	1 41	30 41	9 33	23 42	23 42	12 3		n.a.
W 5	23 2	19 42	2 5	25 1	1 20	22 56	0 21	25 9	3 23	16 9	0 40	23 34	0 6	22 0	0 2	5 48	1 41	30 42	9 34	23 42	23 42	12 6		n.a.
T 6	22 56	22 39	0 48	25 6	1 25	23 4	0 18	25 7	3 22	16 9	0 40	23 34	0 6	22 0	0 2	5 48	1 41	30 42	9 34	23 42	23 42	12 8		n.a.
F 7	22 49	24 5	0n32	25 10	1 29	23 12	0 15	25 5	3 22	16 9	0 40	23 34	0 6	22 1	0 2	5 48	1 41	30 43	9 34	23 42	23 42	12 11		n.a.
S 8	22 42	23 54	1 49	25 12	1 34	23 18	0 13	25 4	3 21	16 9	0 39	23 35	0 6	22 1	0 2	5 49	1 41	30 43	9 34	23 42	23 42	12 14		n.a.
S 9	22 34	22 12	2 58	25 13	1 38	23 25	0 10	25 2	3 21	16 9	0 39	23 35	0 6	22 2	0 2	5 49	1 41	30 43	9 34	23 42	23 42	12 16		n.a.
M10	22 26	19 15	3 54	25 12	1 42	23 30	0 7	25 0	3 20	16 9	0 39	23 35	0 6	22 2	0 2	5 49	1 41	30 44	9 34	23 42	23 42	12 19		n.a.
T 11	22 17	15 21	4 36	25 10	1 46	23 35	0 5	24 59	3 19	16 9	0 39	23 35	0 6	22 3	0 2	5 50	1 41	30 44	9 34	23 42	23 42	12 21		n.a.
W12	22 8	10 51	5 3	25 6	1 49	23 39	0 2	24 57	3 19	16 9	0 38	23 35	0 6	22 3	0 2	5 50	1 41	30 45	9 34	23 42	23 42	12 24		n.a.
T 13	21 59	6 1	5 15	25 0	1 52	23 42	0s 1	24 56	3 18	16 9	0 38	23 35	0 5	22 4	0 2	5 50	1 42	30 45	9 35	23 42	23 42	12 27		n.a.
F 14	21 49	1 4	5 11	24 53	1 55	23 45	0 3	24 55	3 17	16 10	0 38	23 36	0 5	22 4	0 2	5 51	1 42	30 45	9 35	23 42	23 42	12 29		n.a.
S 15	21 39	3s51	4 54	24 44	1 57	23 47	0 6	24 54	3 16	16 10	0 38	23 36	0 5	22 5	0 2	5 51	1 42	30 46	9 35	23 42	23 42	12 32		n.a.
S 16	21 28	8 34	4 25	24 33	1 59	23 48	0 8	24 53	3 15	16 10	0 37	23 36	0 5	22 5	0 2	5 51	1 42	30 46	9 35	23 42	23 42	12 34		n.a.
M17	21 17	12 57	3 44	24 20	2 0	23 48	0 11	24 52	3 15	16 11	0 37	23 36	0 5	22 5	0 2	5 52	1 42	30 46	9 35	23 42	23 42	12 37		n.a.
T 18	21 6	16 51	2 54	24 6	2 1	23 48	0 14	24 51	3 14	16 11	0 37	23 36	0 5	22 6	0 2	5 52	1 42	30 47	9 35	23 42	23 42	12 39		n.a.
W19	20 54	20 7	1 55	23 50	2 2	23 47	0 16	24 51	3 13	16 12	0 37	23 37	0 5	22 6	0 2	5 52	1 42	30 47	9 35	23 42	23 42	12 42		n.a.
T 20	20 42	22 32	0 51	23 32	2 2	23 45	0 19	24 50	3 12	16 13	0 36	23 37	0 5	22 7	0 3	5 53	1 42	30 47	9 35	23 42	23 42	12 45		n.a.
F 21	20 30	23 56	0s16	23 12	2 2	23 43	0 21	24 50	3 11	16 13	0 36	23 37	0 5	22 7	0 3	5 53	1 42	30 48	9 35	23 42	23 42	12 47		n.a.
S 22	20 17	24 8	1 24	22 50	2 2	23 40	0 24	24 49	3 10	16 14	0 36	23 37	0 4	22 8	0 3	5 54	1 42	30 48	9 35	23 42	23 42	12 50		n.a.
S 23	20 3	23 5	2 29	22 27	2 0	23 36	0 26	24 49	3 9	16 15	0 36	23 37	0 4	22 8	0 3	5 54	1 42	30 48	9 35	23 42	23 42	12 52		n.a.
M24	19 50	20 45	3 28	22 1	1 59	23 31	0 28	24 49	3 8	16 16	0 35	23 37	0 4	22 8	0 3	5 54	1 42	30 49	9 35	23 42	23 42	12 55		n.a.
T 25	19 36	17 16	4 16	21 33	1 57	23 26	0 31	24 49	3 7	16 17	0 35	23 37	0 4	22 9	0 3	5 55	1 42	30 49	9 35	23 42	23 42	12 57		n.a.
W26	19 21	12 49	4 50	21 4	1 54	23 20	0 33	24 49	3 6	16 18	0 35	23 38	0 4	22 9	0 3	5 55	1 42	30 49	9 35	23 42	23 42	13 0		n.a.
T 27	19 7	7 40	5 9	20 33	1 51	23 13	0 35	24 49	3 5	16 19	0 35	23 38	0 4	22 10	0 3	5 56	1 42	30 50	9 35	23 42	23 42	13 3		n.a.
F 28	18 52	2 4	5 9	20 0	1 47	23 5	0 38	24 49	3 4	16 20	0 35	23 38	0 4	22 10	0 3	5 56	1 42	30 50	9 35	23 42	23 42	13 5		n.a.
S 29	18 36	3n40	4 51	19 24	1 43	22 57	0 40	24 50	3 3	16 21	0 34	23 38	0 4	22 10	0 3	5 57	1 42	30 50	9 35	23 42	23 41	13 8		n.a.
S 30	18 20	9 15	4 15	18 47	1 38	22 48	0 42	24 50	3 2	16 22	0 34	23 38	0 4	22 11	0 3	5 57	1 42	30 51	9 35	23 42	23 41	13 10		n.a.
M31	18s 4	14n23	3s24	18s 9	1s32	22s39	0s44	24n51	3n 1	16n23	0s34	23n38	0s 3	22s11	0s 3	5n58	1n42	30n51	9n35	23n42	23n41	13s13		n.a.

Julian Day Number = 1711196.5, Delta T = 03h00m39s
Ecliptic obliquity = 23°41'54, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°26'57, Lahiri = - 4°19'56 Julian Calendar 1 Jan. 28 BCE == Greg. Calendar 30 Dec. 029 BCE

The year -27 astronomical counting style corresponds to year 028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 28 BCE
geocentric

FEBRUARY 28 BCE (-27) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 34 52	10♒28'43	3♊ 5	16♒22	23♉ 1	8♊ 5	16♉29	0°R46	9♐42	18°R59	24°R37	29♊46	28♊28	15♏22	n.a.	T 1
W 2	8 38 48	11°28'50	17°14	18°17	24°15	8°16	16°33	0♋43	9°44	18♍58	24♋36	29°48	28°25	15°29	n.a.	W 2
T 3	8 42 45	12°28'54	1♋19	20°13	25°30	8°27	16°37	0°40	9°46	18°57	24°35	29°R48	28°22	15°36	n.a.	T 3
F 4	8 46 41	13°28'56	15°18	22° 8	26°44	8°38	16°42	0°37	9°48	18°56	24°33	29°47	28°18	15°43	n.a.	F 4
S 5	8 50 38	14°28'56	29° 9	24° 3	27°59	8°50	16°46	0°34	9°50	18°54	24°32	29°44	28°15	15°49	n.a.	S 5
S 6	8 54 34	15°28'54	12♌49	25°58	29°13	9° 3	16°51	0°32	9°52	18°53	24°31	29°39	28°12	15°56	n.a.	S 6
M 7	8 58 31	16°28'49	26°14	27°51	0♒28	9°16	16°56	0°29	9°54	18°52	24°29	29°31	28° 9	16° 3	n.a.	M 7
T 8	9 2 27	17°28'43	9♍22	29°44	1°42	9°30	17° 0	0°26	9°56	18°50	24°28	29°23	28° 6	16° 9	n.a.	T 8
W 9	9 6 24	18°28'35	22°13	1♓35	2°57	9°44	17° 6	0°24	9°58	18°49	24°27	29°14	28° 2	16°16	n.a.	W 9
T 10	9 10 21	19°28'24	4♎45	3°23	4°11	9°58	17°11	0°21	10° 0	18°48	24°25	29° 6	27°59	16°23	n.a.	T 10
F 11	9 14 17	20°28'12	17° 2	5° 9	5°26	10°13	17°16	0°19	10° 2	18°46	24°24	28°59	27°56	16°29	n.a.	F 11
S 12	9 18 14	21°27'58	29° 6	6°53	6°40	10°29	17°22	0°17	10° 3	18°45	24°23	28°54	27°53	16°36	n.a.	S 12
S 13	9 22 10	22°27'43	11♏ 0	8°32	7°55	10°45	17°28	0°15	10° 5	18°44	24°21	28°51	27°50	16°43	n.a.	S 13
M14	9 26 7	23°27'25	22°50	10° 8	9° 9	11° 1	17°34	0°13	10° 7	18°42	24°20	28°D50	27°47	16°49	n.a.	M14
T 15	9 30 3	24°27'06	4♐41	11°39	10°23	11°18	17°40	0°11	10° 8	18°41	24°19	28°51	27°43	16°56	n.a.	T 15
W16	9 34 0	25°26'45	16°38	13° 6	11°38	11°35	17°46	0° 9	10°10	18°39	24°18	28°52	27°40	17° 3	n.a.	W16
T 17	9 37 56	26°26'22	28°46	14°26	12°52	11°53	17°53	0° 8	10°11	18°38	24°16	28°R52	27°37	17° 9	n.a.	T 17
F 18	9 41 53	27°25'57	11♑10	15°41	14° 7	12°11	17°59	0° 6	10°13	18°36	24°15	28°51	27°34	17°16	n.a.	F 18
S 19	9 45 50	28°25'30	23°53	16°50	15°21	12°29	18° 6	0° 5	10°14	18°35	24°14	28°48	27°31	17°23	n.a.	S 19
S 20	9 49 46	29°25'01	6♒58	17°52	16°35	12°48	18°13	0° 3	10°16	18°33	24°13	28°43	27°28	17°29	n.a.	S 20
M21	9 53 43	0♓24'31	20°26	18°47	17°50	13° 7	18°20	0° 2	10°17	18°32	24°12	28°35	27°24	17°36	n.a.	M21
T 22	9 57 39	1°23'58	4♓14	19°35	19° 4	13°27	18°27	0° 1	10°18	18°30	24°11	28°26	27°21	17°43	n.a.	T 22
W23	10 1 36	2°23'23	18°19	20°16	20°18	13°47	18°34	29♊59	10°19	18°29	24° 9	28°15	27°18	17°49	n.a.	W23
T 24	10 5 32	3°22'45	2♈37	20°49	21°33	14° 7	18°42	29°59	10°20	18°27	24° 8	28° 5	27°15	17°56	n.a.	T 24
F 25	10 9 29	4°22'06	17° 0	21°14	22°47	14°28	18°49	29°58	10°21	18°25	24° 7	27°56	27°12	18° 3	n.a.	F 25
S 26	10 13 25	5°21'24	1♉24	21°32	24° 1	14°49	18°57	29°57	10°23	18°24	24° 6	27°49	27° 8	18° 9	n.a.	S 26
S 27	10 17 22	6°20'39	15°44	21°41	25°16	15°10	19° 5	29°57	10°24	18°22	24° 5	27°45	27° 5	18°16	n.a.	S 27
M28	10 21 18	7♓19'52	29♉56	21°R44	26♒30	15♊32	19♉13	29♊56	10♐24	18♍21	24♋ 4	27♊44	27♊ 2	18♏23	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s48	18n43	2s20	17s28	1s26	22s28	0s46	24n51	3n 0	16n25	0s34	23n38	0s 3	22s11	0s 3	5n58	1n42	30n51	9n35	23n42	23n41	13s15		n.a.	T 1
W 2	17 31	21 57	1 8	16 46	1 19	22 17	0 48	24 52	2 59	16 26	0 33	23 39	0 3	22 12	0 3	5 59	1 43	30 51	9 35	23 42	23 41	13 18		n.a.	W 2
T 3	17 15	23 50	0n 8	16 2	1 12	22 6	0 50	24 53	2 58	16 27	0 33	23 39	0 3	22 12	0 3	5 59	1 43	30 52	9 35	23 42	23 41	13 20		n.a.	T 3
F 4	16 57	24 11	1 23	15 17	1 4	21 53	0 52	24 54	2 57	16 29	0 33	23 39	0 3	22 12	0 3	6 0	1 43	30 52	9 35	23 42	23 41	13 23		n.a.	F 4
S 5	16 40	23 1	2 32	14 30	0 55	21 40	0 54	24 55	2 56	16 30	0 33	23 39	0 3	22 13	0 3	6 0	1 43	30 52	9 35	23 42	23 41	13 26		n.a.	S 5
S 6	16 22	20 31	3 31	13 43	0 45	21 27	0 56	24 55	2 55	16 32	0 32	23 39	0 3	22 13	0 3	6 1	1 43	30 52	9 35	23 42	23 41	13 28		n.a.	S 6
M 7	16 4	16 56	4 17	12 54	0 35	21 13	0 58	24 57	2 54	16 34	0 32	23 39	0 3	22 13	0 3	6 1	1 43	30 53	9 35	23 42	23 41	13 31		n.a.	M 7
T 8	15 46	12 35	4 49	12 4	0 25	20 58	1 0	24 58	2 53	16 35	0 32	23 39	0 3	22 14	0 3	6 2	1 43	30 53	9 35	23 42	23 41	13 33		n.a.	T 8
W 9	15 27	7 47	5 5	11 14	0 13	20 42	1 1	24 59	2 52	16 37	0 32	23 39	0 2	22 14	0 3	6 3	1 43	30 53	9 35	23 42	23 41	13 36		n.a.	W 9
T 10	15 8	2 45	5 6	10 24	0 2	20 26	1 3	25 0	2 51	16 39	0 32	23 40	0 2	22 14	0 3	6 3	1 43	30 53	9 35	23 42	23 41	13 38		n.a.	T 10
F 11	14 49	2s16	4 52	9 34	0n10	20 10	1 5	25 1	2 50	16 40	0 31	23 40	0 2	22 14	0 3	6 4	1 43	30 54	9 35	23 42	23 41	13 41		n.a.	F 11
S 12	14 30	7 8	4 26	8 43	0 23	19 53	1 6	25 3	2 49	16 42	0 31	23 40	0 2	22 15	0 3	6 4	1 43	30 54	9 35	23 42	23 41	13 43		n.a.	S 12
S 13	14 11	11 41	3 48	7 54	0 36	19 35	1 8	25 4	2 48	16 44	0 31	23 40	0 2	22 15	0 3	6 5	1 43	30 54	9 35	23 42	23 41	13 46		n.a.	S 13
M14	13 51	15 46	3 1	7 5	0 49	19 16	1 9	25 5	2 47	16 46	0 31	23 40	0 2	22 15	0 3	6 6	1 43	30 54	9 35	23 42	23 41	13 48		n.a.	M14
T 15	13 31	19 14	2 6	6 18	1 3	18 58	1 11	25 7	2 46	16 48	0 30	23 40	0 2	22 15	0 3	6 6	1 43	30 54	9 35	23 42	23 41	13 51		n.a.	T 15
W16	13 11	21 56	1 5	5 32	1 16	18 38	1 12	25 8	2 45	16 50	0 30	23 40	0 2	22 16	0 3	6 7	1 43	30 54	9 35	23 42	23 41	13 53		n.a.	W16
T 17	12 50	23 41	0 1	4 49	1 30	18 18	1 13	25 10	2 44	16 52	0 30	23 40	0 2	22 16	0 3	6 7	1 43	30 55	9 35	23 42	23 41	13 56		n.a.	T 17
F 18	12 30	24 19	1s 5	4 7	1 43	17 58	1 15	25 11	2 43	16 54	0 30	23 40	0 1	22 16	0 3	6 8	1 43	30 55	9 35	23 42	23 41	13 58		n.a.	F 18
S 19	12 9	23 41	2 10	3 28	1 56	17 37	1 16	25 12	2 42	16 56	0 30	23 41	0 1	22 16	0 3	6 9	1 43	30 55	9 35	23 42	23 40	14 1		n.a.	S 19
S 20	11 48	21 46	3 9	2 52	2 9	17 15	1 17	25 14	2 41	16 58	0 29	23 41	0 1	22 17	0 3	6 9	1 43	30 55	9 35	23 42	23 40	14 4		n.a.	S 20
M21	11 27	18 36	3 59	2 19	2 22	16 53	1 18	25 15	2 40	17 0	0 29	23 41	0 1	22 17	0 3	6 10	1 43	30 55	9 35	23 41	23 40	14 6		n.a.	M21
T 22	11 6	14 21	4 37	1 49	2 33	16 31	1 19	25 17	2 39	17 2	0 29	23 41	0 1	22 17	0 3	6 11	1 43	30 55	9 34	23 41	23 40	14 9		n.a.	T 22
W23	10 44	9 14	4 59	1 23	2 44	16 8	1 20	25 19	2 38	17 5	0 29	23 41	0 1	22 17	0 3	6 11	1 43	30 55	9 34	23 41	23 40	14 11		n.a.	W23
T 24	10 23	3 34	5 2	1 0	2 55	15 45	1 21	25 20	2 37	17 7	0 29	23 41	0 1	22 17	0 3	6 12	1 43	30 56	9 34	23 41	23 40	14 14		n.a.	T 24
F 25	10 1	2n20	4 47	0 42	3 4	15 21	1 22	25 22	2 36	17 9	0 28	23 41	0 1	22 17	0 3	6 12	1 43	30 56	9 34	23 41	23 40	14 16		n.a.	F 25
S 26	9 39	8 8	4 13	0 27	3 12	14 57	1 22	25 23	2 35	17 12	0 28	23 41	0 1	22 18	0 3	6 13	1 43	30 56	9 34	23 41	23 40	14 19		n.a.	S 26
S 27	9 17	13 29	3 24	0 17	3 19	14 32	1 23	25 25	2 34	17 14	0 28	23 41	0 1	22 18	0 3	6 14	1 43	30 56	9 34	23 41	23 40	14 21		n.a.	S 27
M28	8s55	18n 3	2s22	0s11	3n25	14s 8	1s24	25n26	2n33	17n16	0s28	23n42	0s 0	22s18	0s 3	6n14	1n43	30n56	9n34	23n41	23n40	14s24		n.a.	M28

Julian Day Number = 1711227.5, Delta T = 03h00m38s
Ecliptic obliquity = 23°41'54, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°26'52, Lahiri = - 4°19'52 Julian Calendar 1 Feb. 28 BCE == Greg. Calendar 30 Jan. 028 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 28 BCE
geocentric

MARCH 28 BCE (-27) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 25 15	8♓19'03	14♊ 0	21°R39	27♒44	15♊54	19♉21	29°R56	10♐25	18°R19	24°R 3	27°D44	26♊59	18♏29	n.a.	T 1
W 2	10 29 12	9°18'12	27°54	21♓27	28°59	16°16	19°29	29♊56	10°26	18♍17	24♋ 2	27°R44	26°56	18°36	n.a.	W 2
T 3	10 33 8	10°17'18	11♋39	21° 8	0♓13	16°39	19°38	29°56	10°27	18°16	24° 1	27♊43	26°53	18°43	n.a.	T 3
F 4	10 37 5	11°16'21	25°14	20°43	1°27	17° 1	19°46	29°D56	10°28	18°14	24° 0	27°41	26°49	18°50	n.a.	F 4
S 5	10 41 1	12°15'22	8♌39	20°13	2°41	17°25	19°55	29°56	10°28	18°12	24° 0	27°35	26°46	18°56	n.a.	S 5
S 6	10 44 58	13°14'21	21°55	19°37	3°56	17°48	20° 4	29°56	10°29	18°11	23°59	27°27	26°43	19° 3	n.a.	S 6
M 7	10 48 54	14°13'18	4♍58	18°58	5°10	18°12	20°13	29°56	10°30	18° 9	23°58	27°16	26°40	19°10	n.a.	M 7
T 8	10 52 51	15°12'12	17°49	18°15	6°24	18°36	20°22	29°57	10°30	18° 8	23°57	27° 3	26°37	19°16	n.a.	T 8
W 9	10 56 47	16°11'05	0♎27	17°30	7°38	19° 0	20°31	29°57	10°31	18° 6	23°56	26°50	26°33	19°23	n.a.	W 9
T 10	11 0 44	17° 9'55	12°51	16°44	8°52	19°24	20°40	29°58	10°31	18° 4	23°55	26°38	26°30	19°30	n.a.	T 10
F 11	11 4 41	18° 8'43	25° 3	15°57	10° 6	19°49	20°50	29°58	10°31	18° 3	23°55	26°26	26°27	19°36	n.a.	F 11
S 12	11 8 37	19° 7'29	7♏ 4	15°10	11°21	20°14	20°59	29°59	10°32	18° 1	23°54	26°18	26°24	19°43	n.a.	S 12
S 13	11 12 34	20° 6'14	18°57	14°24	12°35	20°39	21° 9	0♋ 0	10°32	17°59	23°53	26°12	26°21	19°50	n.a.	S 13
M14	11 16 30	21° 4'57	0♐46	13°41	13°49	21° 5	21°18	0° 1	10°32	17°58	23°53	26° 9	26°18	19°56	n.a.	M14
T 15	11 20 27	22° 3'38	12°35	13° 0	15° 3	21°30	21°28	0° 2	10°32	17°56	23°52	26° 7	26°14	20° 3	n.a.	T 15
W16	11 24 23	23° 2'17	24°31	12°23	16°17	21°56	21°38	0° 4	10°32	17°54	23°51	26° 7	26°11	20°10	n.a.	W16
T 17	11 28 20	24° 0'54	6♑38	11°49	17°31	22°22	21°48	0° 5	10°33	17°53	23°51	26° 7	26° 8	20°16	n.a.	T 17
F 18	11 32 16	24°59'30	19° 2	11°20	18°45	22°48	21°58	0° 6	10°R33	17°51	23°50	26° 6	26° 5	20°23	n.a.	F 18
S 19	11 36 13	25°58'04	1♒48	10°55	19°59	23°15	22° 8	0° 8	10°32	17°49	23°49	26° 2	26° 2	20°30	n.a.	S 19
S 20	11 40 10	26°56'36	14°58	10°36	21°13	23°42	22°19	0°10	10°32	17°48	23°49	25°57	25°59	20°36	n.a.	S 20
M21	11 44 6	27°55'06	28°36	10°21	22°28	24° 9	22°29	0°12	10°32	17°46	23°48	25°48	25°55	20°43	n.a.	M21
T 22	11 48 3	28°53'35	12♓39	10°11	23°42	24°36	22°40	0°13	10°32	17°45	23°48	25°37	25°52	20°50	n.a.	T 22
W23	11 51 59	29°52'01	27° 4	10°D 7	24°56	25° 3	22°50	0°15	10°32	17°43	23°48	25°26	25°49	20°56	n.a.	W23
T 24	11 55 56	0♈50'26	11♈46	10° 7	26°10	25°31	23° 1	0°18	10°32	17°41	23°47	25°14	25°46	21° 3	n.a.	T 24
F 25	11 59 52	1°48'48	26°35	10°13	27°24	25°58	23°12	0°20	10°31	17°40	23°47	25° 4	25°43	21°10	n.a.	F 25
S 26	12 3 49	2°47'09	11♉23	10°23	28°38	26°26	23°23	0°22	10°31	17°38	23°46	24°57	25°39	21°16	n.a.	S 26
S 27	12 7 45	3°45'27	26° 3	10°39	29°52	26°54	23°34	0°25	10°30	17°37	23°46	24°52	25°36	21°23	n.a.	S 27
M28	12 11 42	4°43'44	10♊30	10°59	1♈ 6	27°23	23°45	0°27	10°30	17°35	23°46	24°50	25°33	21°30	n.a.	M28
T 29	12 15 38	5°41'58	24°41	11°23	2°20	27°51	23°56	0°30	10°29	17°34	23°45	24°D49	25°30	21°36	n.a.	T 29
W30	12 19 35	6°40'10	8♋35	11°52	3°34	28°20	24° 7	0°32	10°29	17°32	23°45	24°R49	25°27	21°43	n.a.	W30
T 31	12 23 32	7♈38'20	22♋11	12♓25	4♈48	28♊48	24♉18	0♋35	10♐28	17♍30	23♋45	24♊49	25♊24	21♏50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	8s32	21n32	1s12	0s 9	3n29	13s42	1s24	25n27	2n32	17n19	0s28	23n42	0s 0	22s18	0s 3	6n15	1n43	30n56	9n34	23n41	23n40	14s26			n.a.
W 2	8 10	23 42	0n 1	0 11	3 32	13 17	1 25	25 29	2 31	17 21	0 28	23 42	0 0	22 18	0 3	6 16	1 43	30 56	9 34	23 41	23 40	14 29			n.a.
T 3	7 47	24 24	1 13	0 17	3 34	12 51	1 25	25 30	2 30	17 24	0 27	23 42	0 0	22 18	0 3	6 16	1 43	30 56	9 33	23 41	23 40	14 31			n.a.
F 4	7 25	23 37	2 20	0 27	3 33	12 24	1 25	25 32	2 29	17 26	0 27	23 42	0n 0	22 18	0 3	6 17	1 43	30 56	9 33	23 41	23 40	14 34			n.a.
S 5	7 2	21 29	3 19	0 41	3 31	11 58	1 26	25 33	2 28	17 29	0 27	23 42	0 0	22 19	0 3	6 18	1 43	30 56	9 33	23 41	23 40	14 36			n.a.
S 6	6 39	18 13	4 5	0 59	3 27	11 31	1 26	25 34	2 27	17 31	0 27	23 42	0 0	22 19	0 3	6 18	1 43	30 56	9 33	23 40	23 39	14 39			n.a.
M 7	6 16	14 6	4 38	1 19	3 22	11 3	1 26	25 36	2 26	17 34	0 27	23 42	0 0	22 19	0 3	6 19	1 43	30 56	9 33	23 40	23 39	14 41			n.a.
T 8	5 53	9 24	4 57	1 43	3 15	10 36	1 26	25 37	2 25	17 36	0 26	23 42	0 0	22 19	0 3	6 20	1 43	30 56	9 33	23 40	23 39	14 44			n.a.
W 9	5 30	4 24	5 0	2 8	3 6	10 8	1 26	25 38	2 24	17 39	0 26	23 42	0 1	22 19	0 3	6 20	1 43	30 56	9 33	23 40	23 39	14 46			n.a.
T 10	5 7	0s42	4 49	2 36	2 56	9 40	1 26	25 39	2 23	17 42	0 26	23 43	0 1	22 19	0 3	6 21	1 44	30 56	9 33	23 39	23 39	14 48			n.a.
F 11	4 44	5 42	4 24	3 5	2 44	9 11	1 26	25 40	2 22	17 44	0 26	23 43	0 1	22 19	0 3	6 22	1 44	30 56	9 32	23 39	23 39	14 51			n.a.
S 12	4 21	10 25	3 49	3 35	2 32	8 43	1 26	25 41	2 22	17 47	0 26	23 43	0 1	22 19	0 3	6 22	1 44	30 56	9 32	23 39	23 39	14 53			n.a.
S 13	3 58	14 42	3 3	4 5	2 18	8 14	1 26	25 42	2 21	17 50	0 26	23 43	0 1	22 19	0 3	6 23	1 44	30 56	9 32	23 39	23 39	14 56			n.a.
M14	3 34	18 25	2 10	4 35	2 3	7 45	1 26	25 43	2 20	17 53	0 25	23 43	0 1	22 19	0 3	6 24	1 44	30 56	9 32	23 39	23 39	14 58			n.a.
T 15	3 11	21 23	1 11	5 5	1 48	7 16	1 25	25 44	2 19	17 55	0 25	23 43	0 1	22 19	0 3	6 24	1 44	30 56	9 32	23 38	23 39	15 1			n.a.
W16	2 48	23 27	0 8	5 34	1 33	6 46	1 25	25 45	2 18	17 58	0 25	23 43	0 1	22 19	0 3	6 25	1 44	30 56	9 32	23 38	23 39	15 3			n.a.
T 17	2 24	24 27	0s55	6 2	1 17	6 17	1 24	25 45	2 17	18 1	0 25	23 43	0 1	22 19	0 3	6 26	1 44	30 56	9 31	23 38	23 38	15 6			n.a.
F 18	2 1	24 17	1 58	6 28	1 0	5 47	1 24	25 46	2 16	18 4	0 25	23 43	0 1	22 19	0 3	6 26	1 44	30 56	9 31	23 38	23 38	15 8			n.a.
S 19	1 37	22 51	2 57	6 52	0 44	5 17	1 23	25 47	2 15	18 6	0 24	23 43	0 2	22 19	0 3	6 27	1 44	30 56	9 31	23 38	23 38	15 11			n.a.
S 20	1 14	20 9	3 48	7 14	0 28	4 47	1 23	25 47	2 15	18 9	0 24	23 44	0 2	22 19	0 3	6 28	1 44	30 56	9 31	23 38	23 38	15 13			n.a.
M21	0 50	16 16	4 28	7 35	0 12	4 17	1 22	25 48	2 14	18 12	0 24	23 44	0 2	22 19	0 3	6 28	1 44	30 56	9 31	23 38	23 38	15 16			n.a.
T 22	0 27	11 23	4 53	7 52	0s 3	3 46	1 21	25 48	2 13	18 15	0 24	23 44	0 2	22 19	0 3	6 29	1 44	30 56	9 31	23 38	23 38	15 18			n.a.
W23	0 3	5 46	5 0	8 8	0 18	3 16	1 20	25 48	2 12	18 18	0 24	23 44	0 2	22 19	0 3	6 29	1 44	30 56	9 30	23 37	23 38	15 21			n.a.
T 24	0n20	0n17	4 48	8 21	0 32	2 45	1 20	25 48	2 11	18 21	0 24	23 44	0 2	22 19	0 3	6 30	1 44	30 56	9 30	23 37	23 38	15 23			n.a.
F 25	0 44	6 22	4 17	8 32	0 46	2 15	1 19	25 48	2 10	18 24	0 24	23 44	0 2	22 19	0 3	6 31	1 44	30 55	9 30	23 36	23 38	15 25			n.a.
S 26	1 7	12 7	3 28	8 40	0 59	1 44	1 18	25 48	2 9	18 27	0 23	23 44	0 2	22 19	0 3	6 31	1 44	30 55	9 30	23 36	23 38	15 28			n.a.
S 27	1 31	17 7	2 26	8 45	1 12	1 13	1 17	25 48	2 9	18 29	0 23	23 44	0 2	22 19	0 3	6 32	1 44	30 55	9 30	23 36	23 37	15 30			n.a.
M28	1 54	21 2	1 15	8 49	1 23	0 43	1 15	25 48	2 8	18 32	0 23	23 44	0 2	22 19	0 3	6 33	1 43	30 55	9 30	23 36	23 37	15 33			n.a.
T 29	2 17	23 35	0 1	8 50	1 34	0 12	1 14	25 48	2 7	18 35	0 23	23 44	0 2	22 19	0 3	6 33	1 43	30 55	9 29	23 36	23 37	15 35			n.a.
W30	2 41	24 37	1n12	8 48	1 45	0n19	1 13	25 47	2 6	18 38	0 23	23 44	0 3	22 19	0 3	6 34	1 43	30 55	9 29	23 36	23 37	15 38			n.a.
T 31	3n 4	24n 9	2n20	8s44	1s54	0n50	1s12	25n47	2n 5	18n41	0s23	23n44	0n 3	22s19	0s 3	6n34	1n43	30n55	9n29	23n36	23n37	15s40			n.a.

Julian Day Number = 1711255.5, Delta T = 03h00m37s
Ecliptic obliquity = 23°41'55, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°26'49, Lahiri = - 4°19'48 Julian Calendar 1 March 28 BCE == Greg. Calendar 27 Feb. 028 BCE

The year -27 astronomical counting style corresponds to year 028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 28 BCE
geocentric

APRIL 28 BCE (-27) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 27 28	8♈36'28	5♌33	13♓ 1	6♈ 2	29♊17	24♉30	0♋38	10°R27	17°R29	23°R45	24°R46	25♊20	21♏56	n.a.	F 1
S 2	12 31 25	9°34'34	18°40	13°42	7°16	29°46	24°41	0°41	10♐27	17♍27	23♋45	24♊41	25°17	22° 3	n.a.	S 2
S 3	12 35 21	10°32'37	1♍35	14°26	8°29	0♋16	24°53	0°44	10°26	17°26	23°44	24°33	25°14	22°10	n.a.	S 3
M 4	12 39 18	11°30'39	14°19	15°14	9°43	0°45	25° 4	0°48	10°25	17°25	23°44	24°23	25°11	22°16	n.a.	M 4
T 5	12 43 14	12°28'39	26°52	16° 6	10°57	1°15	25°16	0°51	10°24	17°23	23°44	24°11	25° 8	22°23	n.a.	T 5
W 6	12 47 11	13°26'37	9♎14	17° 0	12°11	1°44	25°28	0°54	10°23	17°22	23°44	23°59	25° 5	22°30	n.a.	W 6
T 7	12 51 7	14°24'33	21°26	17°58	13°25	2°14	25°39	0°58	10°22	17°20	23°44	23°47	25° 1	22°36	n.a.	T 7
F 8	12 55 4	15°22'28	3♏29	18°58	14°39	2°44	25°51	1° 1	10°21	17°19	23°D44	23°36	24°58	22°43	n.a.	F 8
S 9	12 59 1	16°20'21	15°24	20° 2	15°53	3°14	26° 3	1° 5	10°20	17°17	23°44	23°28	24°55	22°50	n.a.	S 9
S 10	13 2 57	17°18'13	27°15	21° 8	17° 7	3°44	26°15	1° 9	10°19	17°16	23°44	23°22	24°52	22°56	n.a.	S 10
M11	13 6 54	18°16'03	9♐ 2	22°17	18°20	4°15	26°27	1°13	10°18	17°15	23°44	23°19	24°49	23° 3	n.a.	M11
T 12	13 10 50	19°13'52	20°52	23°29	19°34	4°45	26°39	1°16	10°17	17°13	23°44	23°D18	24°45	23°10	n.a.	T 12
W13	13 14 47	20°11'40	2♑47	24°43	20°48	5°16	26°52	1°21	10°15	17°12	23°44	23°18	24°42	23°16	n.a.	W13
T 14	13 18 43	21° 9'26	14°53	26° 0	22° 2	5°47	27° 4	1°25	10°14	17°11	23°45	23°19	24°39	23°23	n.a.	T 14
F 15	13 22 40	22° 7'12	27°15	27°19	23°16	6°18	27°16	1°29	10°13	17° 9	23°45	23°R19	24°36	23°30	n.a.	F 15
S 16	13 26 36	23° 4'56	9♒59	28°41	24°30	6°49	27°29	1°33	10°12	17° 8	23°45	23°17	24°33	23°36	n.a.	S 16
S 17	13 30 33	24° 2'38	23° 8	0♈ 5	25°43	7°20	27°41	1°37	10°10	17° 7	23°45	23°14	24°30	23°43	n.a.	S 17
M18	13 34 30	25° 0'20	6♓45	1°31	26°57	7°51	27°54	1°42	10° 9	17° 6	23°46	23° 8	24°26	23°50	n.a.	M18
T 19	13 38 26	25°58'00	20°51	3° 0	28°11	8°22	28° 6	1°46	10° 7	17° 4	23°46	23° 1	24°23	23°56	n.a.	T 19
W20	13 42 23	26°55'39	5♈23	4°30	29°25	8°54	28°19	1°51	10° 6	17° 3	23°46	22°52	24°20	24° 3	n.a.	W20
T 21	13 46 19	27°53'17	20°16	6° 4	0♉38	9°25	28°31	1°56	10° 4	17° 2	23°47	22°44	24°17	24°10	n.a.	T 21
F 22	13 50 16	28°50'54	5♉21	7°39	1°52	9°57	28°44	2° 1	10° 2	17° 1	23°47	22°36	24°14	24°16	n.a.	F 22
S 23	13 54 12	29°48'29	20°28	9°17	3° 6	10°29	28°57	2° 5	10° 1	17° 0	23°47	22°31	24°10	24°23	n.a.	S 23
S 24	13 58 9	0♉46'03	5♊28	10°57	4°20	11° 1	29° 9	2°10	9°59	16°59	23°48	22°28	24° 7	24°30	n.a.	S 24
M25	14 2 5	1°43'36	20°13	12°39	5°33	11°33	29°22	2°15	9°57	16°58	23°48	22°D27	24° 4	24°36	n.a.	M25
T 26	14 6 2	2°41'07	4♋38	14°23	6°47	12° 5	29°35	2°20	9°56	16°57	23°49	22°27	24° 1	24°43	n.a.	T 26
W27	14 9 59	3°38'36	18°41	16° 9	8° 1	12°38	29°48	2°26	9°54	16°56	23°49	22°28	23°58	24°50	n.a.	W27
T 28	14 13 55	4°36'05	2♌21	17°58	9°15	13°10	0♊ 1	2°31	9°52	16°55	23°50	22°R29	23°55	24°56	n.a.	T 28
F 29	14 17 52	5°33'31	15°39	19°49	10°28	13°42	0°14	2°36	9°50	16°54	23°51	22°28	23°51	25° 3	n.a.	F 29
S 30	14 21 48	6♉30'57	28♌39	21♈42	11♉42	14♋15	0♊27	2♋41	9♐48	16♍53	23♋51	22♊26	23♊48	25♏10	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3n27	22n17	3n18	8s38	2s 3	1n21	1s10	25n46	2n 5	18n44	0s22	23n45	0n 3	22s19	0s 3	6n35	1n43	30n55	9n29	23n36	23n37	15s42		n.a.
S 2	3 50	19 16	4 5	8 30	2 11	1 51	1 9	25 46	2 4	18 47	0 22	23 45	0 3	22 19	0 3	6 35	1 43	30 54	9 29	23 35	23 37	15 45		n.a.
S 3	4 13	15 20	4 38	8 19	2 19	2 22	1 8	25 45	2 3	18 50	0 22	23 45	0 3	22 19	0 3	6 36	1 43	30 54	9 28	23 35	23 37	15 47		n.a.
M 4	4 36	10 47	4 57	8 7	2 26	2 53	1 6	25 44	2 2	18 53	0 22	23 45	0 3	22 18	0 3	6 37	1 43	30 54	9 28	23 35	23 37	15 50		n.a.
T 5	4 59	5 51	5 1	7 52	2 32	3 24	1 5	25 43	2 1	18 56	0 22	23 45	0 3	22 18	0 3	6 37	1 43	30 54	9 28	23 34	23 36	15 52		n.a.
W 6	5 22	0 45	4 51	7 35	2 37	3 54	1 3	25 42	2 1	18 59	0 22	23 45	0 3	22 18	0 3	6 38	1 43	30 54	9 28	23 34	23 36	15 55		n.a.
T 7	5 44	4s19	4 28	7 17	2 41	4 25	1 1	25 41	2 0	19 2	0 22	23 45	0 3	22 18	0 3	6 38	1 43	30 54	9 28	23 33	23 36	15 57		n.a.
F 8	6 7	9 10	3 52	6 56	2 45	4 55	1 0	25 39	1 59	19 5	0 21	23 45	0 3	22 18	0 3	6 39	1 43	30 53	9 27	23 33	23 36	15 59		n.a.
S 9	6 30	13 39	3 7	6 34	2 48	5 25	0 58	25 38	1 58	19 8	0 21	23 45	0 3	22 18	0 3	6 39	1 43	30 53	9 27	23 32	23 36	16 2		n.a.
S 10	6 52	17 35	2 14	6 10	2 51	5 56	0 56	25 36	1 57	19 11	0 21	23 45	0 4	22 18	0 3	6 40	1 43	30 53	9 27	23 32	23 36	16 4		n.a.
M11	7 14	20 48	1 15	5 44	2 53	6 26	0 54	25 34	1 57	19 14	0 21	23 45	0 4	22 17	0 3	6 40	1 43	30 53	9 27	23 32	23 36	16 7		n.a.
T 12	7 36	23 10	0 13	5 16	2 54	6 56	0 53	25 33	1 56	19 17	0 21	23 45	0 4	22 17	0 3	6 41	1 43	30 53	9 27	23 32	23 36	16 9		n.a.
W13	7 59	24 31	0s51	4 47	2 54	7 25	0 51	25 31	1 55	19 20	0 21	23 45	0 4	22 17	0 3	6 41	1 43	30 52	9 26	23 32	23 35	16 11		n.a.
T 14	8 20	24 44	1 53	4 16	2 54	7 55	0 49	25 28	1 54	19 23	0 21	23 45	0 4	22 17	0 3	6 42	1 43	30 52	9 26	23 32	23 35	16 14		n.a.
F 15	8 42	23 44	2 51	3 44	2 53	8 25	0 47	25 26	1 54	19 26	0 20	23 45	0 4	22 17	0 4	6 42	1 43	30 52	9 26	23 32	23 35	16 16		n.a.
S 16	9 4	21 31	3 43	3 9	2 52	8 54	0 45	25 24	1 53	19 29	0 20	23 45	0 4	22 17	0 4	6 43	1 43	30 52	9 26	23 32	23 35	16 19		n.a.
S 17	9 26	18 7	4 25	2 34	2 50	9 23	0 43	25 21	1 52	19 32	0 20	23 46	0 4	22 16	0 4	6 43	1 43	30 51	9 26	23 31	23 35	16 21		n.a.
M18	9 47	13 39	4 53	1 57	2 48	9 52	0 41	25 19	1 51	19 35	0 20	23 46	0 4	22 16	0 4	6 44	1 43	30 51	9 25	23 31	23 35	16 23		n.a.
T 19	10 8	8 20	5 5	1 18	2 44	10 20	0 39	25 16	1 51	19 38	0 20	23 46	0 4	22 16	0 4	6 44	1 43	30 51	9 25	23 31	23 35	16 26		n.a.
W20	10 29	2 24	4 58	0 38	2 41	10 49	0 37	25 13	1 50	19 41	0 20	23 46	0 4	22 16	0 4	6 45	1 43	30 51	9 25	23 30	23 35	16 28		n.a.
T 21	10 50	3n49	4 31	0n 3	2 36	11 17	0 34	25 10	1 49	19 44	0 20	23 46	0 5	22 16	0 4	6 45	1 43	30 50	9 25	23 30	23 34	16 31		n.a.
F 22	11 11	9 55	3 45	0 45	2 31	11 45	0 32	25 7	1 48	19 47	0 20	23 46	0 5	22 15	0 4	6 46	1 43	30 50	9 25	23 29	23 34	16 33		n.a.
S 23	11 31	15 26	2 43	1 29	2 26	12 13	0 30	25 4	1 48	19 49	0 19	23 46	0 5	22 15	0 4	6 46	1 43	30 50	9 24	23 29	23 34	16 35		n.a.
S 24	11 52	19 58	1 30	2 14	2 20	12 40	0 28	25 1	1 47	19 52	0 19	23 46	0 5	22 15	0 4	6 46	1 43	30 50	9 24	23 29	23 34	16 38		n.a.
M25	12 12	23 8	0 12	3 0	2 13	13 7	0 26	24 57	1 46	19 55	0 19	23 46	0 5	22 15	0 4	6 47	1 43	30 49	9 24	23 29	23 34	16 40		n.a.
T 26	12 32	24 42	1n 5	3 48	2 6	13 34	0 23	24 53	1 45	19 58	0 19	23 46	0 5	22 14	0 4	6 47	1 43	30 49	9 24	23 29	23 34	16 42		n.a.
W27	12 52	24 38	2 17	4 36	1 59	14 0	0 21	24 50	1 45	20 1	0 19	23 46	0 5	22 14	0 4	6 47	1 43	30 49	9 24	23 29	23 34	16 45		n.a.
T 28	13 12	23 4	3 18	5 25	1 51	14 26	0 19	24 46	1 44	20 4	0 19	23 46	0 5	22 14	0 4	6 48	1 43	30 48	9 23	23 29	23 33	16 47		n.a.
F 29	13 31	20 15	4 8	6 15	1 42	14 52	0 16	24 42	1 43	20 7	0 19	23 46	0 5	22 14	0 4	6 48	1 43	30 48	9 23	23 29	23 33	16 49		n.a.
S 30	13n50	16n28	4n43	7n 6	1s33	15n17	0s14	24n38	1n43	20n10	0s19	23n46	0n 5	22s13	0s 4	6n49	1n43	30n48	9n23	23n29	23n33	16s52		n.a.

Julian Day Number = 1711286.5, Delta T = 03h00m36s
Ecliptic obliquity = 23°41'55, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°26'44, Lahiri = - 4°19'44 Julian Calendar 1 Apr. 28 BCE == Greg. Calendar 30 March 028 BCE

The year -27 astronomical counting style corresponds to year 028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 28 BCE
geocentric

MAY 28 BCE (-27) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 25 45	7♉28'20	11♍23	23♈37	12♉56	14♋48	0♊40	2♋47	9°R47	16°R52	23♋52	22°R22	23♊45	25♏16	n.a.	S 1
M 2	14 29 41	8°25'43	23°53	25°35	14° 9	15°20	0°53	2°52	9♐45	16♍51	23°52	22♊16	23°42	25°23	n.a.	M 2
T 3	14 33 38	9°23'04	6♎11	27°34	15°23	15°53	1° 6	2°58	9°43	16°50	23°53	22° 9	23°39	25°30	n.a.	T 3
W 4	14 37 34	10°20'25	18°20	29°35	16°37	16°26	1°19	3° 4	9°41	16°49	23°54	22° 1	23°36	25°36	n.a.	W 4
T 5	14 41 31	11°17'44	0♏21	1♉39	17°50	16°59	1°33	3° 9	9°39	16°48	23°55	21°54	23°32	25°43	n.a.	T 5
F 6	14 45 28	12°15'02	12°16	3°44	19° 4	17°32	1°46	3°15	9°37	16°48	23°55	21°47	23°29	25°50	n.a.	F 6
S 7	14 49 24	13°12'20	24° 6	5°50	20°18	18° 6	1°59	3°21	9°34	16°47	23°56	21°43	23°26	25°56	n.a.	S 7
S 8	14 53 21	14° 9'36	5♐55	7°58	21°31	18°39	2°12	3°27	9°32	16°46	23°57	21°40	23°23	26° 3	n.a.	S 8
M 9	14 57 17	15° 6'52	17°43	10° 7	22°45	19°12	2°26	3°33	9°30	16°45	23°58	21°D38	23°20	26°10	n.a.	M 9
T 10	15 1 14	16° 4'08	29°34	12°18	23°59	19°46	2°39	3°39	9°28	16°45	23°59	21°38	23°16	26°16	n.a.	T 10
W11	15 5 10	17° 1'22	11♑32	14°29	25°12	20°20	2°52	3°45	9°26	16°44	24° 0	21°40	23°13	26°23	n.a.	W11
T 12	15 9 7	17°58'37	23°41	16°40	26°26	20°53	3° 6	3°51	9°24	16°43	24° 0	21°41	23°10	26°30	n.a.	T 12
F 13	15 13 3	18°55'50	6♒ 4	18°52	27°39	21°27	3°19	3°57	9°22	16°43	24° 1	21°43	23° 7	26°36	n.a.	F 13
S 14	15 17 0	19°53'04	18°46	21° 4	28°53	22° 1	3°32	4° 3	9°19	16°42	24° 2	21°R43	23° 4	26°43	n.a.	S 14
S 15	15 20 57	20°50'17	1♓51	23°15	0♊ 7	22°35	3°46	4°10	9°17	16°42	24° 3	21°43	23° 1	26°50	n.a.	S 15
M16	15 24 53	21°47'29	15°23	25°26	1°20	23° 9	3°59	4°16	9°15	16°41	24° 4	21°41	22°57	26°56	n.a.	M16
T 17	15 28 50	22°44'42	29°23	27°36	2°34	23°43	4°13	4°22	9°12	16°41	24° 5	21°38	22°54	27° 3	n.a.	T 17
W18	15 32 46	23°41'53	13♈49	29°45	3°47	24°17	4°26	4°29	9°10	16°40	24° 7	21°35	22°51	27°10	n.a.	W18
T 19	15 36 43	24°39'05	28°39	1♊53	5° 1	24°51	4°40	4°35	9° 8	16°40	24° 8	21°31	22°48	27°16	n.a.	T 19
F 20	15 40 39	25°36'17	13♉44	3°59	6°15	25°26	4°53	4°42	9° 5	16°40	24° 9	21°28	22°45	27°23	n.a.	F 20
S 21	15 44 36	26°33'28	28°57	6° 4	7°28	26° 0	5° 7	4°49	9° 3	16°39	24°10	21°25	22°42	27°30	n.a.	S 21
S 22	15 48 32	27°30'38	14♊ 6	8° 7	8°42	26°35	5°20	4°55	9° 1	16°39	24°11	21°D24	22°38	27°36	n.a.	S 22
M23	15 52 29	28°27'49	29° 4	10° 8	9°55	27° 9	5°34	5° 2	8°58	16°39	24°12	21°24	22°35	27°43	n.a.	M23
T 24	15 56 26	29°24'58	13♋43	12° 7	11° 9	27°44	5°47	5° 9	8°56	16°39	24°13	21°25	22°32	27°49	n.a.	T 24
W25	16 0 22	0♊22'08	27°57	14° 4	12°22	28°19	6° 1	5°15	8°54	16°38	24°15	21°26	22°29	27°56	n.a.	W25
T 26	16 4 19	1°19'16	11♌46	16° 0	13°36	28°54	6°15	5°22	8°51	16°38	24°16	21°28	22°26	28° 3	n.a.	T 26
F 27	16 8 15	2°16'24	25°10	17°53	14°50	29°28	6°28	5°29	8°49	16°38	24°17	21°28	22°22	28° 9	n.a.	F 27
S 28	16 12 12	3°13'32	8♍10	19°44	16° 3	0♌ 3	6°42	5°36	8°46	16°38	24°18	21°R28	22°19	28°16	n.a.	S 28
S 29	16 16 8	4°10'39	20°51	21°32	17°17	0°38	6°55	5°43	8°44	16°38	24°20	21°28	22°16	28°23	n.a.	S 29
M30	16 20 5	5° 7'45	3♎14	23°19	18°30	1°14	7° 9	5°50	8°42	16°38	24°21	21°26	22°13	28°29	n.a.	M30
T 31	16 24 1	6♊ 4'52	15♎24	25♊ 4	19♊44	1♌49	7♊23	5♋57	8♐39	16°D38	24♋22	21♊24	22♊10	28♏36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	14n 9	12n 2	5n 3	7n58	1s24	15n42	0s12	24n33	1n42	20n13	0s18	23n46	0n 5	22s13	0s 4	6n49	1n43	30n48	9n23	23n29	23n33	16s54			n.a.
M 2	14 28	7 10	5 9	8 50	1 14	16 7	0 9	24 29	1 41	20 16	0 18	23 46	0 5	22 13	0 4	6 49	1 43	30 47	9 23	23 28	23 33	16 56			n.a.
T 3	14 47	2 6	5 0	9 43	1 5	16 31	0 7	24 24	1 40	20 18	0 18	23 45	0 6	22 13	0 4	6 49	1 43	30 47	9 23	23 28	23 33	16 59			n.a.
W 4	15 5	3s 0	4 37	10 36	0 54	16 55	0 5	24 19	1 40	20 21	0 18	23 45	0 6	22 12	0 4	6 50	1 43	30 47	9 22	23 27	23 32	17 1			n.a.
T 5	15 23	7 56	4 3	11 29	0 44	17 18	0 2	24 15	1 39	20 24	0 18	23 45	0 6	22 12	0 4	6 50	1 42	30 46	9 22	23 27	23 32	17 4			n.a.
F 6	15 41	12 33	3 18	12 22	0 33	17 41	0n 0	24 9	1 38	20 27	0 18	23 45	0 6	22 12	0 4	6 50	1 42	30 46	9 22	23 26	23 32	17 6			n.a.
S 7	15 58	16 40	2 24	13 15	0 23	18 3	0 3	24 4	1 38	20 30	0 18	23 45	0 6	22 11	0 4	6 51	1 42	30 46	9 22	23 26	23 32	17 8			n.a.
S 8	16 16	20 8	1 25	14 8	0 12	18 25	0 5	23 59	1 37	20 32	0 18	23 45	0 6	22 11	0 4	6 51	1 42	30 45	9 22	23 26	23 32	17 11			n.a.
M 9	16 33	22 46	0 21	14 59	0 1	18 47	0 7	23 54	1 36	20 35	0 17	23 45	0 6	22 11	0 4	6 51	1 42	30 45	9 21	23 26	23 32	17 13			n.a.
T 10	16 50	24 25	0s43	15 50	0n 9	19 8	0 10	23 48	1 35	20 38	0 17	23 45	0 6	22 10	0 4	6 51	1 42	30 45	9 21	23 26	23 32	17 15			n.a.
W11	17 6	24 58	1 47	16 40	0 20	19 28	0 12	23 42	1 35	20 41	0 17	23 45	0 6	22 10	0 4	6 51	1 42	30 44	9 21	23 26	23 31	17 17			n.a.
T 12	17 22	24 20	2 46	17 29	0 30	19 48	0 15	23 36	1 34	20 43	0 17	23 45	0 6	22 10	0 4	6 52	1 42	30 44	9 21	23 26	23 31	17 20			n.a.
F 13	17 38	22 30	3 39	18 16	0 40	20 8	0 17	23 30	1 33	20 46	0 17	23 45	0 6	22 9	0 4	6 52	1 42	30 44	9 21	23 26	23 31	17 22			n.a.
S 14	17 54	19 32	4 23	19 1	0 50	20 26	0 19	23 24	1 33	20 49	0 17	23 45	0 7	22 9	0 4	6 52	1 42	30 43	9 21	23 26	23 31	17 24			n.a.
S 15	18 9	15 30	4 55	19 44	0 59	20 45	0 22	23 18	1 32	20 51	0 17	23 45	0 7	22 9	0 4	6 52	1 42	30 43	9 20	23 26	23 31	17 27			n.a.
M16	18 25	10 36	5 12	20 25	1 7	21 3	0 24	23 11	1 31	20 54	0 17	23 44	0 7	22 8	0 4	6 52	1 42	30 43	9 20	23 26	23 31	17 29			n.a.
T 17	18 39	4 59	5 11	21 4	1 16	21 20	0 26	23 5	1 31	20 57	0 17	23 44	0 7	22 8	0 4	6 52	1 42	30 42	9 20	23 26	23 30	17 31			n.a.
W18	18 54	1n 3	4 50	21 40	1 23	21 36	0 29	22 58	1 30	20 59	0 16	23 44	0 7	22 8	0 4	6 53	1 42	30 42	9 20	23 26	23 30	17 34			n.a.
T 19	19 8	7 13	4 10	22 14	1 30	21 52	0 31	22 51	1 29	21 2	0 16	23 44	0 7	22 7	0 4	6 53	1 42	30 41	9 20	23 25	23 30	17 36			n.a.
F 20	19 22	13 4	3 13	22 45	1 36	22 8	0 33	22 44	1 29	21 5	0 16	23 44	0 7	22 7	0 4	6 53	1 42	30 41	9 20	23 25	23 30	17 38			n.a.
S 21	19 36	18 11	2 1	23 13	1 42	22 23	0 36	22 37	1 28	21 7	0 16	23 44	0 7	22 7	0 4	6 53	1 42	30 41	9 19	23 25	23 30	17 41			n.a.
S 22	19 49	22 5	0 40	23 39	1 47	22 37	0 38	22 30	1 27	21 10	0 16	23 44	0 7	22 6	0 4	6 53	1 42	30 40	9 19	23 25	23 29	17 43			n.a.
M23	20 2	24 24	0n42	24 2	1 51	22 50	0 40	22 22	1 27	21 12	0 16	23 43	0 7	22 6	0 4	6 53	1 42	30 40	9 19	23 25	23 29	17 45			n.a.
T 24	20 15	24 58	2 0	24 23	1 54	23 3	0 42	22 15	1 26	21 15	0 16	23 43	0 7	22 6	0 4	6 53	1 42	30 40	9 19	23 25	23 29	17 47			n.a.
W25	20 27	23 52	3 8	24 41	1 57	23 15	0 44	22 7	1 25	21 17	0 16	23 43	0 7	22 5	0 4	6 53	1 42	30 39	9 19	23 25	23 29	17 50			n.a.
T 26	20 39	21 20	4 3	24 56	1 59	23 27	0 47	21 59	1 25	21 20	0 16	23 43	0 8	22 5	0 4	6 53	1 42	30 39	9 19	23 25	23 29	17 52			n.a.
F 27	20 50	17 43	4 43	25 8	2 1	23 38	0 49	21 51	1 24	21 22	0 15	23 43	0 8	22 4	0 4	6 53	1 41	30 39	9 19	23 25	23 29	17 54			n.a.
S 28	21 2	13 20	5 7	25 19	2 1	23 48	0 51	21 43	1 23	21 25	0 15	23 42	0 8	22 4	0 4	6 53	1 41	30 38	9 19	23 25	23 28	17 56			n.a.
S 29	21 13	8 30	5 16	25 26	2 1	23 58	0 53	21 34	1 23	21 27	0 15	23 42	0 8	22 4	0 4	6 53	1 41	30 38	9 18	23 25	23 28	17 59			n.a.
M30	21 23	3 25	5 9	25 32	2 0	24 6	0 55	21 26	1 22	21 29	0 15	23 42	0 8	22 3	0 4	6 53	1 41	30 37	9 18	23 25	23 28	18 1			n.a.
T 31	21n33	1s42	4n49	25n35	1n59	24n15	0n57	21n17	1n21	21n32	0s15	23n42	0n 8	22s 3	0s 4	6n53	1n41	30n37	9n18	23n25	23n28	18s 3			n.a.

Julian Day Number = 1711316.5, Delta T = 03h00m35s
Ecliptic obliquity = 23°41'55, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°26'40, Lahiri = - 4°19'40 Julian Calendar 1 May 28 BCE == Greg. Calendar 29 Apr. 028 BCE

The year -27 astronomical counting style corresponds to year 028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 28 BCE
geocentric

JUNE 28 BCE (-27) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 27 58	7♊ 1'58	27♎25	26♊46	20♊57	2♌24	7♊36	6♋ 4	8°R37	16♍38	24♋24	21°R22	22♊ 7	28♏43	n.a.	W 1
T 2	16 31 55	7°59'03	9♏18	28°26	22°11	2°59	7°50	6°11	8♐34	16°38	24°25	21♊20	22° 3	28°49	n.a.	T 2
F 3	16 35 51	8°56'09	21° 8	0♋ 4	23°24	3°35	8° 3	6°18	8°32	16°38	24°27	21°18	22° 0	28°56	n.a.	F 3
S 4	16 39 48	9°53'15	2♐57	1°40	24°38	4°10	8°17	6°26	8°29	16°38	24°28	21°17	21°57	29° 3	n.a.	S 4
S 5	16 43 44	10°50'21	14°46	3°13	25°51	4°46	8°31	6°33	8°27	16°38	24°30	21°17	21°54	29° 9	n.a.	S 5
M 6	16 47 41	11°47'27	26°39	4°44	27° 5	5°21	8°44	6°40	8°24	16°38	24°31	21°D17	21°51	29°16	n.a.	M 6
T 7	16 51 37	12°44'33	8♑37	6°13	28°18	5°57	8°58	6°47	8°22	16°39	24°32	21°17	21°48	29°23	n.a.	T 7
W 8	16 55 34	13°41'39	20°42	7°40	29°32	6°33	9°11	6°55	8°20	16°39	24°34	21°18	21°44	29°29	n.a.	W 8
T 9	16 59 31	14°38'46	2♒59	9° 5	0♋45	7° 9	9°25	7° 2	8°17	16°39	24°35	21°18	21°41	29°36	n.a.	T 9
F 10	17 3 27	15°35'53	15°28	10°27	1°59	7°45	9°38	7° 9	8°15	16°39	24°37	21°19	21°38	29°43	n.a.	F 10
S 11	17 7 24	16°33'00	28°14	11°47	3°12	8°20	9°52	7°17	8°12	16°40	24°39	21°19	21°35	29°49	n.a.	S 11
S 12	17 11 20	17°30'08	11♓20	13° 4	4°25	8°57	10° 5	7°24	8°10	16°40	24°40	21°20	21°32	29°56	n.a.	S 12
M13	17 15 17	18°27'17	24°47	14°19	5°39	9°33	10°19	7°31	8° 8	16°40	24°42	21°R20	21°28	0♐ 3	n.a.	M13
T 14	17 19 13	19°24'26	8♈38	15°32	6°52	10° 9	10°32	7°39	8° 5	16°41	24°43	21°20	21°25	0° 9	n.a.	T 14
W15	17 23 10	20°21'36	22°52	16°41	8° 6	10°45	10°46	7°46	8° 3	16°41	24°45	21°19	21°22	0°16	n.a.	W15
T 16	17 27 6	21°18'47	7♉27	17°49	9°19	11°21	10°59	7°54	8° 0	16°42	24°47	21°D19	21°19	0°23	n.a.	T 16
F 17	17 31 3	22°15'59	22°19	18°53	10°33	11°58	11°13	8° 1	7°58	16°42	24°48	21°19	21°16	0°29	n.a.	F 17
S 18	17 35 0	23°13'11	7♊22	19°55	11°46	12°34	11°26	8° 9	7°56	16°43	24°50	21°20	21°13	0°36	n.a.	S 18
S 19	17 38 56	24°10'24	22°27	20°54	13° 0	13°11	11°40	8°17	7°53	16°44	24°52	21°R20	21° 9	0°43	n.a.	S 19
M20	17 42 53	25° 7'37	7♋24	21°50	14°13	13°47	11°53	8°24	7°51	16°44	24°53	21°19	21° 6	0°49	n.a.	M20
T 21	17 46 49	26° 4'51	22° 8	22°42	15°26	14°24	12° 7	8°32	7°49	16°45	24°55	21°19	21° 3	0°56	n.a.	T 21
W22	17 50 46	27° 2'06	6♌30	23°31	16°40	15° 1	12°20	8°39	7°47	16°45	24°57	21°19	21° 0	1° 3	n.a.	W22
T 23	17 54 42	27°59'20	20°27	24°17	17°53	15°37	12°33	8°47	7°44	16°46	24°58	21°18	20°57	1° 9	n.a.	T 23
F 24	17 58 39	28°56'36	3♍57	25° 0	19° 7	16°14	12°47	8°55	7°42	16°47	25° 0	21°17	20°54	1°16	n.a.	F 24
S 25	18 2 35	29°53'51	17° 2	25°38	20°20	16°51	13° 0	9° 2	7°40	16°48	25° 2	21°17	20°50	1°23	n.a.	S 25
S 26	18 6 32	0♋51'07	29°44	26°13	21°33	17°28	13°13	9°10	7°38	16°49	25° 4	21°D16	20°47	1°29	n.a.	S 26
M27	18 10 29	1°48'24	12♎ 7	26°44	22°47	18° 5	13°26	9°18	7°36	16°49	25° 5	21°17	20°44	1°36	n.a.	M27
T 28	18 14 25	2°45'41	24°14	27°10	24° 0	18°42	13°39	9°25	7°34	16°50	25° 7	21°17	20°41	1°42	n.a.	T 28
W29	18 18 22	3°42'59	6♏11	27°32	25°13	19°19	13°53	9°33	7°31	16°51	25° 9	21°18	20°38	1°49	n.a.	W29
T 30	18 22 18	4♋40'17	18♏ 2	27♋49	26♋27	19♌56	14♊ 6	9♋41	7♐29	16♍52	25♋11	21♊19	20♊34	1♐56	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n43	6s41	4n16	25n37	1n57	24n22	0n59	21n 9	1n21	21n34	0s15	23n41	0n 8	22s 3	0s 4	6n53	1n41	30n37	9n18	23n25	23n28	18s 5		n.a.
T 2	21 53	11 24	3 32	25 36	1 54	24 29	1 1	21 0	1 20	21 36	0 15	23 41	0 8	22 2	0 4	6 53	1 41	30 36	9 18	23 25	23 27	18 8		n.a.
F 3	22 2	15 41	2 39	25 33	1 51	24 35	1 3	20 51	1 19	21 39	0 15	23 41	0 8	22 2	0 4	6 53	1 41	30 36	9 18	23 25	23 27	18 10		n.a.
S 4	22 10	19 20	1 40	25 29	1 47	24 40	1 5	20 42	1 19	21 41	0 15	23 41	0 8	22 1	0 4	6 53	1 41	30 35	9 18	23 25	23 27	18 12		n.a.
S 5	22 19	22 13	0 36	25 22	1 43	24 44	1 6	20 32	1 18	21 43	0 15	23 40	0 8	22 1	0 4	6 53	1 41	30 35	9 18	23 24	23 27	18 14		n.a.
M 6	22 27	24 9	0s30	25 14	1 38	24 48	1 8	20 23	1 17	21 46	0 14	23 40	0 8	22 1	0 4	6 53	1 41	30 35	9 17	23 24	23 27	18 17		n.a.
T 7	22 34	24 59	1 35	25 5	1 32	24 51	1 10	20 13	1 17	21 48	0 14	23 40	0 9	22 0	0 4	6 52	1 41	30 34	9 17	23 25	23 26	18 19		n.a.
W 8	22 41	24 39	2 36	24 54	1 26	24 53	1 11	20 4	1 16	21 50	0 14	23 40	0 9	22 0	0 4	6 52	1 41	30 34	9 17	23 25	23 26	18 21		n.a.
T 9	22 48	23 8	3 31	24 42	1 19	24 55	1 13	19 54	1 15	21 52	0 14	23 39	0 9	22 0	0 4	6 52	1 41	30 34	9 17	23 25	23 26	18 23		n.a.
F 10	22 55	20 28	4 18	24 29	1 12	24 56	1 15	19 44	1 15	21 54	0 14	23 39	0 9	21 59	0 4	6 52	1 41	30 33	9 17	23 25	23 26	18 26		n.a.
S 11	23 1	16 46	4 52	24 14	1 4	24 56	1 16	19 34	1 14	21 56	0 14	23 39	0 9	21 59	0 4	6 52	1 41	30 33	9 17	23 25	23 26	18 28		n.a.
S 12	23 6	12 12	5 13	23 59	0 56	24 55	1 18	19 24	1 13	21 59	0 14	23 38	0 9	21 58	0 4	6 52	1 41	30 32	9 17	23 25	23 25	18 30		n.a.
M13	23 11	6 56	5 17	23 42	0 48	24 53	1 19	19 13	1 13	22 1	0 14	23 38	0 9	21 58	0 4	6 51	1 41	30 32	9 17	23 25	23 25	18 32		n.a.
T 14	23 16	1 11	5 3	23 25	0 38	24 51	1 20	19 3	1 12	22 3	0 14	23 38	0 9	21 58	0 4	6 51	1 41	30 32	9 17	23 25	23 25	18 34		n.a.
W15	23 21	4n48	4 31	23 7	0 29	24 48	1 22	18 52	1 11	22 5	0 14	23 37	0 9	21 57	0 4	6 51	1 41	30 31	9 17	23 25	23 25	18 37		n.a.
T 16	23 25	10 40	3 40	22 49	0 19	24 45	1 23	18 41	1 11	22 7	0 13	23 37	0 9	21 57	0 4	6 51	1 40	30 31	9 17	23 25	23 25	18 39		n.a.
F 17	23 28	16 4	2 34	22 29	0 8	24 40	1 24	18 31	1 10	22 9	0 13	23 36	0 9	21 57	0 4	6 51	1 40	30 30	9 16	23 25	23 24	18 41		n.a.
S 18	23 31	20 31	1 17	22 10	0s 2	24 35	1 25	18 20	1 9	22 11	0 13	23 36	0 9	21 56	0 4	6 50	1 40	30 30	9 16	23 25	23 24	18 43		n.a.
S 19	23 34	23 35	0n 6	21 50	0 14	24 29	1 26	18 8	1 9	22 13	0 13	23 36	0 10	21 56	0 4	6 50	1 40	30 30	9 16	23 25	23 24	18 45		n.a.
M20	23 36	24 57	1 28	21 30	0 25	24 23	1 27	17 57	1 8	22 14	0 13	23 35	0 10	21 55	0 4	6 50	1 40	30 29	9 16	23 25	23 24	18 48		n.a.
T 21	23 38	24 32	2 43	21 9	0 37	24 15	1 28	17 46	1 7	22 16	0 13	23 35	0 10	21 55	0 4	6 49	1 40	30 29	9 16	23 25	23 24	18 50		n.a.
W22	23 40	22 29	3 45	20 49	0 49	24 7	1 29	17 34	1 7	22 18	0 13	23 34	0 10	21 55	0 4	6 49	1 40	30 29	9 16	23 25	23 23	18 52		n.a.
T 23	23 41	19 8	4 33	20 29	1 2	23 58	1 30	17 23	1 6	22 20	0 13	23 34	0 10	21 54	0 4	6 49	1 40	30 28	9 16	23 25	23 23	18 54		n.a.
F 24	23 42	14 51	5 3	20 8	1 15	23 49	1 31	17 11	1 5	22 22	0 13	23 34	0 10	21 54	0 4	6 48	1 40	30 28	9 16	23 25	23 23	18 56		n.a.
S 25	23 42	10 1	5 16	19 49	1 28	23 39	1 31	16 59	1 5	22 24	0 13	23 33	0 10	21 54	0 4	6 48	1 40	30 27	9 16	23 24	23 23	18 59		n.a.
S 26	23 42	4 54	5 14	19 29	1 41	23 28	1 32	16 47	1 4	22 25	0 13	23 33	0 10	21 53	0 4	6 48	1 40	30 27	9 16	23 24	23 22	19 1		n.a.
M27	23 41	0s17	4 57	19 10	1 54	23 16	1 32	16 35	1 4	22 27	0 12	23 32	0 10	21 53	0 4	6 47	1 40	30 27	9 16	23 24	23 22	19 3		n.a.
T 28	23 40	5 22	4 26	18 52	2 7	23 4	1 33	16 23	1 3	22 29	0 12	23 32	0 10	21 53	0 4	6 47	1 40	30 26	9 16	23 25	23 22	19 5		n.a.
W29	23 39	10 11	3 45	18 35	2 21	22 51	1 33	16 10	1 2	22 31	0 12	23 31	0 10	21 52	0 4	6 47	1 40	30 26	9 16	23 25	23 22	19 7		n.a.
T 30	23n37	14s36	2n54	18n18	2s34	22n37	1n34	15n58	1n 2	22n32	0s12	23n31	0n10	21s52	0s 4	6n46	1n40	30n26	9n16	23n25	23n22	19s 9		n.a.

Julian Day Number = 1711347.5, Delta T = 03h00m34s
Ecliptic obliquity = 23°41'55, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°26'36, Lahiri = - 4°19'36 Julian Calendar 1 June 28 BCE == Greg. Calendar 30 May 028 BCE

The year -27 astronomical counting style corresponds to year 028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 28 BCE
geocentric

JULY 28 BCE (-27) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 26 15	5♋37'36	29♏50	28♋ 2	27♋40	20♌34	14♊19	9♋48	7°R27	16♍53	25♋13	21♊21	20♊31	2♐ 2	n.a.	F 1
S 2	18 30 11	6°34'56	11♐39	28°10	28°53	21°11	14°32	9°56	7♐25	16°54	25°14	21°21	20°28	2° 9	n.a.	S 2
S 3	18 34 8	7°32'17	23°33	28°R13	0♌ 6	21°48	14°45	10° 4	7°23	16°55	25°16	21°R22	20°25	2°16	n.a.	S 3
M 4	18 38 5	8°29'39	5♑33	28°10	1°20	22°26	14°58	10°12	7°21	16°56	25°18	21°21	20°22	2°22	n.a.	M 4
T 5	18 42 1	9°27'02	17°42	28° 3	2°33	23° 3	15°11	10°19	7°19	16°57	25°20	21°20	20°19	2°29	n.a.	T 5
W 6	18 45 58	10°24'26	0♒ 1	27°50	3°46	23°41	15°24	10°27	7°17	16°58	25°22	21°17	20°15	2°36	n.a.	W 6
T 7	18 49 54	11°21'51	12°32	27°32	4°59	24°19	15°37	10°35	7°16	16°59	25°24	21°15	20°12	2°42	n.a.	T 7
F 8	18 53 51	12°19'17	25°16	27° 8	6°13	24°56	15°49	10°43	7°14	17° 1	25°25	21°11	20° 9	2°49	n.a.	F 8
S 9	18 57 47	13°16'45	8♓14	26°40	7°26	25°34	16° 2	10°50	7°12	17° 2	25°27	21° 9	20° 6	2°56	n.a.	S 9
S 10	19 1 44	14°14'14	21°27	26° 7	8°39	26°12	16°15	10°58	7°10	17° 3	25°29	21° 6	20° 3	3° 2	n.a.	S 10
M11	19 5 40	15°11'44	4♈57	25°30	9°52	26°50	16°28	11° 6	7° 8	17° 4	25°31	21° 5	20° 0	3° 9	n.a.	M11
T 12	19 9 37	16° 9'16	18°43	24°49	11° 5	27°28	16°40	11°13	7° 7	17° 5	25°33	21°D 4	19°56	3°16	n.a.	T 12
W13	19 13 34	17° 6'50	2♉45	24° 5	12°19	28° 6	16°53	11°21	7° 5	17° 7	25°35	21° 5	19°53	3°22	n.a.	W13
T 14	19 17 30	18° 4'25	17° 4	23°18	13°32	28°44	17° 5	11°29	7° 3	17° 8	25°37	21° 6	19°50	3°29	n.a.	T 14
F 15	19 21 27	19° 2'02	1♊36	22°29	14°45	29°22	17°18	11°36	7° 2	17° 9	25°39	21° 8	19°47	3°36	n.a.	F 15
S 16	19 25 23	19°59'40	16°18	21°39	15°58	0♍ 0	17°30	11°44	7° 0	17°11	25°41	21°R 9	19°44	3°42	n.a.	S 16
S 17	19 29 20	20°57'20	1♋ 4	20°50	17°11	0°39	17°43	11°52	6°59	17°12	25°42	21° 8	19°40	3°49	n.a.	S 17
M18	19 33 16	21°55'02	15°48	20° 1	18°24	1°17	17°55	11°59	6°57	17°14	25°44	21° 7	19°37	3°56	n.a.	M18
T 19	19 37 13	22°52'45	0♌22	19°14	19°37	1°55	18° 7	12° 7	6°56	17°15	25°46	21° 4	19°34	4° 2	n.a.	T 19
W20	19 41 9	23°50'29	14°41	18°29	20°50	2°34	18°19	12°15	6°54	17°17	25°48	20°59	19°31	4° 9	n.a.	W20
T 21	19 45 6	24°48'15	28°38	17°49	22° 3	3°12	18°32	12°22	6°53	17°18	25°50	20°54	19°28	4°15	n.a.	T 21
F 22	19 49 3	25°46'02	12♍11	17°13	23°16	3°51	18°44	12°30	6°51	17°20	25°52	20°49	19°25	4°22	n.a.	F 22
S 23	19 52 59	26°43'50	25°19	16°43	24°29	4°30	18°56	12°38	6°50	17°21	25°54	20°44	19°21	4°29	n.a.	S 23
S 24	19 56 56	27°41'39	8♎ 3	16°19	25°42	5° 8	19° 8	12°45	6°49	17°23	25°56	20°41	19°18	4°35	n.a.	S 24
M25	20 0 52	28°39'30	20°27	16° 1	26°55	5°47	19°20	12°53	6°48	17°24	25°58	20°39	19°15	4°42	n.a.	M25
T 26	20 4 49	29°37'22	2♏35	15°51	28° 8	6°26	19°31	13° 0	6°47	17°26	26° 0	20°D39	19°12	4°49	n.a.	T 26
W27	20 8 45	0♌35'16	14°31	15°D48	29°21	7° 5	19°43	13° 8	6°45	17°28	26° 2	20°40	19° 9	4°55	n.a.	W27
T 28	20 12 42	1°33'10	26°21	15°53	0♍34	7°44	19°55	13°15	6°44	17°29	26° 3	20°41	19° 5	5° 2	n.a.	T 28
F 29	20 16 38	2°31'07	8♐ 9	16° 6	1°47	8°23	20° 6	13°23	6°43	17°31	26° 5	20°43	19° 2	5° 9	n.a.	F 29
S 30	20 20 35	3°29'05	20° 1	16°28	3° 0	9° 2	20°18	13°30	6°42	17°33	26° 7	20°R43	18°59	5°15	n.a.	S 30
S 31	20 24 32	4♌27'04	2♑ 0	16♋57	4♍13	9♍41	20♊29	13♋37	6♐41	17♍34	26♋ 9	20♊43	18♊56	5♐22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n35	18s26	1n56	18n 3	2s48	22n23	1n34	15n45	1n 1	22n34	0s12	23n30	0n11	21s52	0s 4	6n46	1n40	30n25	9n16	23n25	23n21	19s12		n.a.
S 2	23 32	21 33	0 54	17 48	3 1	22 8	1 34	15 33	1 0	22 36	0 12	23 30	0 11	21 51	0 4	6 45	1 40	30 25	9 16	23 25	23 21	19 14		n.a.
S 3	23 29	23 44	0s12	17 35	3 14	21 53	1 34	15 20	1 0	22 37	0 12	23 29	0 11	21 51	0 4	6 45	1 40	30 24	9 16	23 25	23 21	19 16		n.a.
M 4	23 25	24 52	1 18	17 23	3 26	21 37	1 34	15 7	0 59	22 39	0 12	23 29	0 11	21 51	0 4	6 44	1 40	30 24	9 16	23 25	23 21	19 18		n.a.
T 5	23 21	24 50	2 20	17 13	3 38	21 20	1 34	14 54	0 58	22 40	0 12	23 28	0 11	21 50	0 4	6 44	1 40	30 24	9 16	23 25	23 20	19 20		n.a.
W 6	23 17	23 35	3 18	17 4	3 50	21 3	1 34	14 41	0 58	22 42	0 12	23 28	0 11	21 50	0 4	6 43	1 40	30 23	9 16	23 25	23 20	19 22		n.a.
T 7	23 12	21 9	4 6	16 57	4 0	20 45	1 34	14 27	0 57	22 43	0 12	23 27	0 11	21 50	0 4	6 43	1 40	30 23	9 16	23 24	23 20	19 24		n.a.
F 8	23 7	17 40	4 43	16 52	4 10	20 26	1 34	14 14	0 56	22 45	0 11	23 27	0 11	21 49	0 4	6 42	1 39	30 23	9 16	23 24	23 20	19 27		n.a.
S 9	23 2	13 18	5 7	16 49	4 19	20 7	1 33	14 1	0 56	22 46	0 11	23 26	0 11	21 49	0 4	6 42	1 39	30 22	9 16	23 24	23 19	19 29		n.a.
S 10	22 56	8 14	5 15	16 47	4 27	19 47	1 33	13 47	0 55	22 48	0 11	23 26	0 11	21 49	0 4	6 41	1 39	30 22	9 16	23 24	23 19	19 31		n.a.
M11	22 49	2 41	5 6	16 48	4 33	19 27	1 33	13 33	0 54	22 49	0 11	23 25	0 11	21 49	0 4	6 41	1 39	30 22	9 16	23 24	23 19	19 33		n.a.
T 12	22 43	3n 7	4 39	16 50	4 38	19 6	1 32	13 19	0 54	22 50	0 11	23 25	0 12	21 48	0 4	6 40	1 39	30 21	9 16	23 24	23 19	19 35		n.a.
W13	22 35	8 53	3 55	16 55	4 41	18 45	1 31	13 6	0 53	22 52	0 11	23 24	0 12	21 48	0 4	6 40	1 39	30 21	9 16	23 24	23 19	19 37		n.a.
T 14	22 28	14 18	2 56	17 1	4 42	18 23	1 31	12 52	0 53	22 53	0 11	23 23	0 12	21 48	0 4	6 39	1 39	30 21	9 16	23 24	23 18	19 39		n.a.
F 15	22 20	18 59	1 45	17 10	4 42	18 1	1 30	12 38	0 52	22 54	0 11	23 23	0 12	21 47	0 4	6 39	1 39	30 20	9 16	23 24	23 18	19 41		n.a.
S 16	22 11	22 33	0 27	17 19	4 40	17 38	1 29	12 23	0 51	22 56	0 11	23 22	0 12	21 47	0 4	6 38	1 39	30 20	9 16	23 24	23 18	19 43		n.a.
S 17	22 3	24 36	0n54	17 31	4 36	17 15	1 28	12 9	0 51	22 57	0 11	23 22	0 12	21 47	0 4	6 38	1 39	30 20	9 16	23 24	23 18	19 45		n.a.
M18	21 54	24 55	2 11	17 44	4 30	16 52	1 27	11 55	0 50	22 58	0 11	23 21	0 12	21 47	0 4	6 37	1 39	30 19	9 16	23 24	23 17	19 48		n.a.
T 19	21 44	23 31	3 18	17 58	4 23	16 27	1 26	11 40	0 49	22 59	0 10	23 20	0 12	21 46	0 4	6 36	1 39	30 19	9 16	23 24	23 17	19 50		n.a.
W20	21 34	20 37	4 12	18 14	4 13	16 3	1 25	11 26	0 49	23 0	0 10	23 20	0 12	21 46	0 4	6 36	1 39	30 19	9 16	23 23	23 17	19 52		n.a.
T 21	21 24	16 35	4 49	18 30	4 2	15 38	1 24	11 11	0 48	23 2	0 10	23 19	0 12	21 46	0 4	6 35	1 39	30 18	9 16	23 23	23 17	19 54		n.a.
F 22	21 13	11 48	5 8	18 47	3 50	15 12	1 23	10 56	0 47	23 3	0 10	23 19	0 12	21 46	0 4	6 34	1 39	30 18	9 16	23 23	23 16	19 56		n.a.
S 23	21 2	6 37	5 11	19 4	3 36	14 47	1 21	10 41	0 47	23 4	0 10	23 18	0 13	21 46	0 4	6 34	1 39	30 18	9 17	23 22	23 16	19 58		n.a.
S 24	20 51	1 19	4 58	19 22	3 21	14 20	1 20	10 26	0 46	23 5	0 10	23 17	0 13	21 45	0 4	6 33	1 39	30 17	9 17	23 22	23 16	20 0		n.a.
M25	20 39	3s54	4 31	19 40	3 5	13 54	1 18	10 11	0 45	23 6	0 10	23 17	0 13	21 45	0 4	6 32	1 39	30 17	9 17	23 22	23 15	20 2		n.a.
T 26	20 27	8 52	3 52	19 57	2 49	13 27	1 17	9 56	0 45	23 7	0 10	23 16	0 13	21 45	0 4	6 32	1 39	30 17	9 17	23 22	23 15	20 4		n.a.
W27	20 15	13 26	3 4	20 14	2 32	13 0	1 15	9 41	0 44	23 8	0 10	23 15	0 13	21 45	0 4	6 31	1 39	30 16	9 17	23 22	23 15	20 6		n.a.
T 28	20 2	17 28	2 9	20 31	2 14	12 32	1 14	9 26	0 43	23 9	0 10	23 15	0 13	21 45	0 4	6 30	1 39	30 16	9 17	23 22	23 15	20 8		n.a.
F 29	19 49	20 47	1 8	20 47	1 57	12 4	1 12	9 11	0 43	23 10	0 10	23 14	0 13	21 44	0 4	6 30	1 39	30 16	9 17	23 22	23 14	20 10		n.a.
S 30	19 35	23 15	0 4	21 2	1 39	11 36	1 10	8 55	0 42	23 11	0 9	23 13	0 13	21 44	0 4	6 29	1 39	30 16	9 17	23 22	23 14	20 12		n.a.
S 31	19n21	24s42	1s 1	21n16	1s22	11n 8	1n 8	8n40	0n42	23n12	0s 9	23n13	0n13	21s44	0s 4	6n28	1n39	30n15	9n17	23n22	23n14	20s14		n.a.

Julian Day Number = 1711377.5, Delta T = 03h00m33s
Ecliptic obliquity = 23°41'55, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°26'32, Lahiri = - 4°19'31 Julian Calendar 1 July 28 BCE == Greg. Calendar 29 June 028 BCE

The year -27 astronomical counting style corresponds to year 028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 28 BCE
geocentric

AUGUST 28 BCE (-27) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 28 28	5♌25'05	14♉ 9	17♋34	5♍25	10♍20	20♊41	13♋45	6°R41	17♍36	26♋11	20°R40	18♊53	5♐29	n.a.	M 1
T 2	20 32 25	6°23'08	26°31	18°19	6°38	10°59	20°52	13°52	6♐40	17°38	26°13	20♊35	18°50	5°35	n.a.	T 2
W 3	20 36 21	7°21'12	9♒ 8	19°12	7°51	11°39	21° 3	14° 0	6°39	17°40	26°15	20°29	18°46	5°42	n.a.	W 3
T 4	20 40 18	8°19'18	21°59	20°12	9° 4	12°18	21°15	14° 7	6°38	17°42	26°17	20°21	18°43	5°49	n.a.	T 4
F 5	20 44 14	9°17'26	5♓ 4	21°18	10°16	12°58	21°26	14°14	6°37	17°43	26°19	20°13	18°40	5°55	n.a.	F 5
S 6	20 48 11	10°15'36	18°22	22°32	11°29	13°37	21°37	14°21	6°37	17°45	26°20	20° 5	18°37	6° 2	n.a.	S 6
S 7	20 52 7	11°13'48	1♈53	23°51	12°42	14°17	21°48	14°28	6°36	17°47	26°22	19°58	18°34	6° 9	n.a.	S 7
M 8	20 56 4	12°12'01	15°34	25°15	13°54	14°56	21°58	14°36	6°36	17°49	26°24	19°53	18°31	6°15	n.a.	M 8
T 9	21 0 1	13°10'17	29°25	26°45	15° 7	15°36	22° 9	14°43	6°35	17°51	26°26	19°50	18°27	6°22	n.a.	T 9
W10	21 3 57	14° 8'36	13♉24	28°19	16°19	16°16	22°20	14°50	6°35	17°53	26°28	19°D49	18°24	6°28	n.a.	W10
T 11	21 7 54	15° 6'56	27°31	29°57	17°32	16°55	22°30	14°57	6°34	17°55	26°30	19°49	18°21	6°35	n.a.	T 11
F 12	21 11 50	16° 5'19	11♊45	1♌38	18°44	17°35	22°41	15° 4	6°34	17°57	26°31	19°50	18°18	6°42	n.a.	F 12
S 13	21 15 47	17° 3'44	26° 4	3°23	19°57	18°15	22°51	15°11	6°34	17°59	26°33	19°R50	18°15	6°48	n.a.	S 13
S 14	21 19 43	18° 2'12	10♋26	5° 9	21° 9	18°55	23° 1	15°18	6°33	18° 1	26°35	19°48	18°11	6°55	n.a.	S 14
M15	21 23 40	19° 0'41	24°46	6°58	22°22	19°35	23°12	15°25	6°33	18° 3	26°37	19°44	18° 8	7° 2	n.a.	M15
T 16	21 27 36	19°59'13	8♌59	8°48	23°34	20°15	23°22	15°32	6°33	18° 5	26°39	19°38	18° 5	7° 8	n.a.	T 16
W17	21 31 33	20°57'46	23° 1	10°39	24°47	20°56	23°32	15°38	6°33	18° 7	26°40	19°29	18° 2	7°15	n.a.	W17
T 18	21 35 30	21°56'22	6♍47	12°31	25°59	21°36	23°42	15°45	6°33	18° 9	26°42	19°18	17°59	7°22	n.a.	T 18
F 19	21 39 26	22°54'59	20°14	14°24	27°11	22°16	23°51	15°52	6°D33	18°11	26°44	19° 8	17°56	7°28	n.a.	F 19
S 20	21 43 23	23°53'38	3♎18	16°17	28°24	22°57	24° 1	15°59	6°33	18°13	26°46	18°58	17°52	7°35	n.a.	S 20
S 21	21 47 19	24°52'19	16° 2	18° 9	29°36	23°37	24°10	16° 5	6°33	18°15	26°47	18°50	17°49	7°42	n.a.	S 21
M22	21 51 16	25°51'02	28°25	20° 2	0♎48	24°18	24°20	16°12	6°33	18°17	26°49	18°44	17°46	7°48	n.a.	M22
T 23	21 55 12	26°49'47	10♏33	21°54	2° 0	24°58	24°29	16°18	6°33	18°19	26°51	18°40	17°43	7°55	n.a.	T 23
W24	21 59 9	27°48'34	22°29	23°46	3°12	25°39	24°38	16°25	6°34	18°21	26°53	18°39	17°40	8° 2	n.a.	W24
T 25	22 3 5	28°47'22	4♐19	25°37	4°25	26°19	24°48	16°31	6°34	18°23	26°54	18°D39	17°37	8° 8	n.a.	T 25
F 26	22 7 2	29°46'13	16° 7	27°27	5°37	27° 0	24°57	16°37	6°34	18°26	26°56	18°R39	17°33	8°15	n.a.	F 26
S 27	22 10 58	0♍45'05	28° 0	29°17	6°49	27°41	25° 5	16°44	6°35	18°28	26°58	18°39	17°30	8°21	n.a.	S 27
S 28	22 14 55	1°43'59	10♉ 3	1♍ 6	8° 1	28°22	25°14	16°50	6°35	18°30	26°59	18°37	17°27	8°28	n.a.	S 28
M29	22 18 52	2°42'55	22°19	2°54	9°13	29° 3	25°23	16°56	6°36	18°32	27° 1	18°33	17°24	8°35	n.a.	M29
T 30	22 22 48	3°41'53	4♒52	4°41	10°25	29°44	25°31	17° 2	6°36	18°34	27° 2	18°26	17°21	8°41	n.a.	T 30
W31	22 26 45	4♍40'53	17♒44	6♍28	11♎36	0♎25	25♊40	17♋ 8	6♐37	18♍36	27♋ 4	18♊16	17♊17	8♐48	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	19n 7	24s59	2s 3	21n28	1s 5	10n39	1n 6	8n24	0n41	23n13	0s 9	23n12	0n13	21s44	0s 5	6n28	1n39	30n15	9n17	23n22	23n14	20s16			n.a.
T 2	18 53	24 2	3 1	21 38	0 48	10 10	1 4	8 8	0 40	23 14	0 9	23 11	0 13	21 44	0 5	6 27	1 39	30 15	9 18	23 22	23 13	20 18			n.a.
W 3	18 38	21 53	3 51	21 47	0 32	9 40	1 2	7 53	0 40	23 15	0 9	23 11	0 14	21 44	0 5	6 26	1 39	30 14	9 18	23 21	23 13	20 20			n.a.
T 4	18 23	18 35	4 31	21 54	0 16	9 11	1 0	7 37	0 39	23 15	0 9	23 10	0 14	21 44	0 5	6 25	1 38	30 14	9 18	23 21	23 13	20 22			n.a.
F 5	18 7	14 20	4 56	21 58	0 1	8 41	0 58	7 21	0 38	23 16	0 9	23 9	0 14	21 43	0 5	6 25	1 38	30 14	9 18	23 20	23 13	20 24			n.a.
S 6	17 52	9 20	5 7	22 0	0n13	8 11	0 55	7 5	0 38	23 17	0 9	23 9	0 14	21 43	0 5	6 24	1 38	30 14	9 18	23 19	23 12	20 26			n.a.
S 7	17 36	3 50	5 0	22 0	0 26	7 41	0 53	6 49	0 37	23 18	0 9	23 8	0 14	21 43	0 5	6 23	1 38	30 13	9 18	23 19	23 12	20 28			n.a.
M 8	17 19	1n56	4 37	21 56	0 38	7 10	0 51	6 33	0 36	23 19	0 9	23 7	0 14	21 43	0 5	6 22	1 38	30 13	9 18	23 18	23 12	20 30			n.a.
T 9	17 3	7 41	3 57	21 51	0 49	6 40	0 48	6 17	0 36	23 19	0 9	23 7	0 14	21 43	0 5	6 22	1 38	30 13	9 18	23 18	23 11	20 32			n.a.
W10	16 46	13 8	3 3	21 42	1 0	6 9	0 46	6 1	0 35	23 20	0 8	23 6	0 14	21 43	0 5	6 21	1 38	30 13	9 19	23 18	23 11	20 34			n.a.
T 11	16 29	17 55	1 57	21 30	1 9	5 38	0 43	5 45	0 34	23 21	0 8	23 5	0 14	21 43	0 5	6 20	1 38	30 13	9 19	23 18	23 11	20 36			n.a.
F 12	16 11	21 44	0 43	21 16	1 17	5 7	0 40	5 28	0 34	23 21	0 8	23 5	0 14	21 43	0 5	6 19	1 38	30 12	9 19	23 18	23 11	20 38			n.a.
S 13	15 53	24 12	0n33	20 59	1 24	4 36	0 38	5 12	0 33	23 22	0 8	23 4	0 15	21 43	0 5	6 18	1 38	30 12	9 19	23 18	23 10	20 40			n.a.
S 14	15 35	25 5	1 48	20 39	1 31	4 5	0 35	4 56	0 32	23 23	0 8	23 3	0 15	21 43	0 5	6 18	1 38	30 12	9 19	23 18	23 10	20 42			n.a.
M15	15 17	24 17	2 55	20 17	1 36	3 33	0 32	4 39	0 32	23 23	0 8	23 3	0 15	21 43	0 5	6 17	1 38	30 12	9 19	23 18	23 10	20 44			n.a.
T 16	14 59	21 55	3 51	19 52	1 40	3 2	0 29	4 23	0 31	23 24	0 8	23 2	0 15	21 43	0 5	6 16	1 38	30 11	9 20	23 17	23 9	20 46			n.a.
W17	14 40	18 16	4 32	19 25	1 44	2 30	0 26	4 6	0 30	23 25	0 8	23 1	0 15	21 43	0 5	6 15	1 38	30 11	9 20	23 17	23 9	20 48			n.a.
T 18	14 21	13 41	4 56	18 56	1 46	1 58	0 23	3 49	0 30	23 25	0 8	23 0	0 15	21 43	0 5	6 14	1 38	30 11	9 20	23 16	23 9	20 50			n.a.
F 19	14 2	8 33	5 4	18 25	1 48	1 26	0 20	3 33	0 29	23 26	0 8	23 0	0 15	21 43	0 5	6 14	1 38	30 11	9 20	23 15	23 9	20 52			n.a.
S 20	13 42	3 10	4 54	17 52	1 49	0 55	0 17	3 16	0 29	23 26	0 7	22 59	0 15	21 43	0 5	6 13	1 38	30 11	9 20	23 14	23 8	20 54			n.a.
S 21	13 22	2s13	4 30	17 17	1 50	0 23	0 14	2 59	0 28	23 27	0 7	22 58	0 15	21 43	0 5	6 12	1 38	30 11	9 21	23 13	23 8	20 56			n.a.
M22	13 2	7 23	3 54	16 41	1 49	0s 9	0 11	2 42	0 27	23 27	0 7	22 58	0 16	21 43	0 5	6 11	1 38	30 10	9 21	23 13	23 8	20 58			n.a.
T 23	12 42	12 10	3 8	16 4	1 48	0 41	0 8	2 26	0 27	23 28	0 7	22 57	0 16	21 43	0 5	6 10	1 38	30 10	9 21	23 13	23 7	21 0			n.a.
W24	12 22	16 25	2 15	15 25	1 47	1 13	0 5	2 9	0 26	23 28	0 7	22 56	0 16	21 43	0 5	6 9	1 38	30 10	9 21	23 12	23 7	21 2			n.a.
T 25	12 1	20 0	1 16	14 46	1 45	0 2	1 52	0 25	23 29	0 7	22 56	0 16	21 43	0 5	6 8	1 38	30 10	9 21	23 12	23 7	21 4			n.a.
F 26	11 40	22 45	0 14	14 5	1 42	2 17	0s 2	1 35	0 25	23 29	0 7	22 55	0 16	21 43	0 5	6 8	1 38	30 10	9 22	23 13	23 7	21 6			n.a.
S 27	11 20	24 31	0s50	13 24	1 39	2 49	0 5	1 18	0 24	23 30	0 7	22 54	0 16	21 43	0 5	6 7	1 38	30 10	9 22	23 12	23 6	21 8			n.a.
S 28	10 58	25 10	1 51	12 41	1 36	3 20	0 8	1 1	0 23	23 30	0 7	22 54	0 16	21 43	0 5	6 6	1 38	30 10	9 22	23 12	23 6	21 10			n.a.
M29	10 37	24 36	2 49	11 58	1 32	3 52	0 12	0 44	0 23	23 30	0 7	22 53	0 16	21 43	0 5	6 5	1 38	30 9	9 22	23 12	23 6	21 12			n.a.
T 30	10 16	22 48	3 39	11 15	1 28	4 24	0 15	0 27	0 22	23 31	0 7	22 52	0 16	21 43	0 5	6 4	1 38	30 9	9 22	23 11	23 5	21 13			n.a.
W31	9n54	19s48	4s20	10n31	1n23	4s55	0s18	0n10	0n21	23n31	0s 6	22n52	0n16	21s43	0s 5	6n 3	1n38	30n 9	9n23	23n10	23n 5	21s15			n.a.

Julian Day Number = 1711408.5, Delta T = 03h00m32s
Ecliptic obliquity = 23°41'55, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°26'28, Lahiri = - 4°19'27 Julian Calendar 1 Aug. 28 BCE == Greg. Calendar 30 July 028 BCE

The year -27 astronomical counting style corresponds to year 028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 28 BCE
geocentric

SEPTEMBER 28 BCE (-27) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 30 41	5♍39'55	0♓55	8♍13	12♎48	1♎ 6	25♊48	17♋14	6♐37	18♍39	27♋ 6	18°R 5	17♊14	8♐55	n.a.	T 1
F 2	22 34 38	6°38'58	14°24	9°58	14° 0	1°47	25°56	17°20	6°38	18°41	27° 7	17♊52	17°11	9° 1	n.a.	F 2
S 3	22 38 34	7°38'04	28° 8	11°42	15°12	2°28	26° 4	17°26	6°39	18°43	27° 9	17°40	17° 8	9° 8	n.a.	S 3
S 4	22 42 31	8°37'13	12♈ 4	13°25	16°23	3° 9	26°12	17°32	6°40	18°45	27°10	17°30	17° 5	9°15	n.a.	S 4
M 5	22 46 27	9°36'23	26° 7	15° 7	17°35	3°51	26°19	17°38	6°41	18°47	27°12	17°22	17° 2	9°21	n.a.	M 5
T 6	22 50 24	10°35'36	10♉14	16°48	18°47	4°32	26°27	17°43	6°41	18°50	27°13	17°17	16°58	9°28	n.a.	T 6
W 7	22 54 21	11°34'52	24°22	18°29	19°58	5°14	26°35	17°49	6°42	18°52	27°15	17°14	16°55	9°35	n.a.	W 7
T 8	22 58 17	12°34'10	8♊29	20° 8	21°10	5°55	26°42	17°55	6°43	18°54	27°16	17°13	16°52	9°41	n.a.	T 8
F 9	23 2 14	13°33'30	22°34	21°47	22°21	6°37	26°49	18° 0	6°45	18°56	27°18	17°13	16°49	9°48	n.a.	F 9
S 10	23 6 10	14°32'53	6♋37	23°25	23°33	7°18	26°56	18° 5	6°46	18°59	27°19	17°13	16°46	9°55	n.a.	S 10
S 11	23 10 7	15°32'19	20°36	25° 2	24°44	8° 0	27° 3	18°11	6°47	19° 1	27°20	17°10	16°43	10° 1	n.a.	S 11
M12	23 14 3	16°31'46	4♌31	26°39	25°55	8°42	27°10	18°16	6°48	19° 3	27°22	17° 4	16°39	10° 8	n.a.	M12
T 13	23 18 0	17°31'16	18°18	28°15	27° 7	9°24	27°16	18°21	6°49	19° 5	27°23	16°56	16°36	10°14	n.a.	T 13
W14	23 21 56	18°30'49	1♍56	29°50	28°18	10° 6	27°23	18°26	6°51	19° 8	27°24	16°45	16°33	10°21	n.a.	W14
T 15	23 25 53	19°30'23	15°22	1♎24	29°29	10°48	27°29	18°31	6°52	19°10	27°26	16°32	16°30	10°28	n.a.	T 15
F 16	23 29 49	20°29'59	28°32	2°58	0♏40	11°30	27°35	18°36	6°53	19°12	27°27	16°19	16°27	10°34	n.a.	F 16
S 17	23 33 46	21°29'38	11♎25	4°31	1°51	12°12	27°41	18°41	6°55	19°14	27°28	16° 6	16°23	10°41	n.a.	S 17
S 18	23 37 43	22°29'19	24° 1	6° 3	3° 2	12°54	27°47	18°46	6°56	19°16	27°30	15°55	16°20	10°48	n.a.	S 18
M19	23 41 39	23°29'01	6♏20	7°35	4°13	13°36	27°52	18°51	6°58	19°19	27°31	15°47	16°17	10°54	n.a.	M19
T 20	23 45 36	24°28'46	18°25	9° 6	5°24	14°18	27°58	18°55	7° 0	19°21	27°32	15°42	16°14	11° 1	n.a.	T 20
W21	23 49 32	25°28'32	0♐20	10°37	6°35	15° 1	28° 3	19° 0	7° 1	19°23	27°33	15°39	16°11	11° 8	n.a.	W21
T 22	23 53 29	26°28'20	12° 8	12° 7	7°45	15°43	28° 8	19° 4	7° 3	19°25	27°34	15°D38	16° 8	11°14	n.a.	T 22
F 23	23 57 25	27°28'10	23°56	13°36	8°56	16°26	28°13	19° 9	7° 5	19°28	27°35	15°R38	16° 4	11°21	n.a.	F 23
S 24	0 1 22	28°28'02	5♑48	15° 4	10° 7	17° 8	28°18	19°13	7° 6	19°30	27°36	15°38	16° 1	11°28	n.a.	S 24
S 25	0 5 18	29°27'56	17°51	16°32	11°17	17°51	28°22	19°17	7° 8	19°32	27°38	15°37	15°58	11°34	n.a.	S 25
M26	0 9 15	0♎27'52	0♒ 8	17°59	12°28	18°33	28°27	19°21	7°10	19°34	27°39	15°33	15°55	11°41	n.a.	M26
T 27	0 13 12	1°27'49	12°46	19°26	13°38	19°16	28°31	19°25	7°12	19°37	27°40	15°27	15°52	11°48	n.a.	T 27
W28	0 17 8	2°27'48	25°46	20°52	14°48	19°59	28°35	19°29	7°14	19°39	27°41	15°18	15°48	11°54	n.a.	W28
T 29	0 21 5	3°27'48	9♓11	22°17	15°59	20°42	28°39	19°33	7°16	19°41	27°42	15° 8	15°45	12° 1	n.a.	T 29
F 30	0 25 1	4♎27'51	22♓59	23♎41	17♏ 9	21♎24	28♊43	19♋37	7♐18	19♍43	27♋43	14♊56	15♊42	12♐ 7	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9n32	15s44	4s48	9n47	1n18	5s27	0s22	0s 8	0n21	23n32	0s 6	22n51	0n17	21s44	0s 5	6n 2	1n38	30n 9	9n23	23n 9	23n 5	21s17		n.a.
F 2	9 10	10 48	5 0	9 2	1 13	5 58	0 25	0 25	0 20	23 32	0 6	22 50	0 17	21 44	0 5	6 2	1 38	30 9	9 23	23 8	23 4	21 19		n.a.
S 3	8 48	5 16	4 56	8 18	1 8	6 29	0 29	0 42	0 19	23 32	0 6	22 50	0 17	21 44	0 5	6 1	1 38	30 9	9 23	23 7	23 4	21 21		n.a.
S 4	8 26	0n37	4 34	7 33	1 2	7 1	0 32	0 59	0 19	23 33	0 6	22 49	0 17	21 44	0 5	6 0	1 38	30 9	9 24	23 6	23 4	21 23		n.a.
M 5	8 3	6 32	3 55	6 48	0 56	7 32	0 36	1 16	0 18	23 33	0 6	22 48	0 17	21 44	0 5	5 59	1 38	30 9	9 24	23 5	23 4	21 25		n.a.
T 6	7 40	12 10	3 2	6 2	0 51	8 2	0 39	1 33	0 17	23 33	0 6	22 48	0 17	21 44	0 5	5 58	1 38	30 9	9 24	23 5	23 3	21 27		n.a.
W 7	7 18	17 10	1 58	5 17	0 44	8 33	0 43	1 51	0 17	23 34	0 6	22 47	0 17	21 45	0 5	5 57	1 38	30 9	9 24	23 5	23 3	21 29		n.a.
T 8	6 55	21 12	0 46	4 32	0 38	9 4	0 46	2 8	0 16	23 34	0 6	22 46	0 17	21 45	0 5	5 56	1 38	30 9	9 25	23 5	23 3	21 30		n.a.
F 9	6 32	23 57	0n28	3 47	0 32	9 34	0 50	2 25	0 15	23 34	0 6	22 46	0 18	21 45	0 5	5 55	1 38	30 9	9 25	23 5	23 2	21 32		n.a.
S 10	6 9	25 12	1 41	3 2	0 25	10 4	0 53	2 42	0 15	23 34	0 5	22 45	0 18	21 45	0 5	5 54	1 38	30 9	9 25	23 5	23 2	21 34		n.a.
S 11	5 46	24 51	2 47	2 17	0 19	10 34	0 57	3 0	0 14	23 35	0 5	22 45	0 18	21 45	0 5	5 54	1 38	30 9	9 25	23 4	23 2	21 36		n.a.
M12	5 22	22 56	3 42	1 32	0 12	11 3	1 1	3 17	0 13	23 35	0 5	22 44	0 18	21 45	0 5	5 53	1 38	30 9	9 26	23 4	23 1	21 38		n.a.
T 13	4 59	19 41	4 24	0 47	0 5	11 33	1 4	3 34	0 13	23 35	0 5	22 43	0 18	21 46	0 5	5 52	1 38	30 9	9 26	23 3	23 1	21 40		n.a.
W14	4 35	15 24	4 50	0 3	0s 2	12 2	1 8	3 51	0 12	23 35	0 5	22 43	0 18	21 46	0 5	5 51	1 38	30 9	9 26	23 2	23 1	21 42		n.a.
T 15	4 12	10 26	5 0	0s42	0 9	12 31	1 11	4 8	0 12	23 36	0 5	22 42	0 18	21 46	0 5	5 50	1 38	30 9	9 27	23 1	23 0	21 43		n.a.
F 16	3 48	5 4	4 53	1 26	0 15	13 0	1 15	4 26	0 11	23 36	0 5	22 42	0 18	21 46	0 5	5 49	1 38	30 9	9 27	22 59	23 0	21 45		n.a.
S 17	3 25	0s24	4 32	2 9	0 22	13 28	1 18	4 43	0 10	23 36	0 5	22 41	0 18	21 47	0 5	5 48	1 38	30 9	9 27	22 58	23 0	21 47		n.a.
S 18	3 1	5 45	3 57	2 53	0 29	13 56	1 22	5 0	0 10	23 36	0 5	22 41	0 19	21 47	0 5	5 47	1 38	30 9	9 27	22 57	22 59	21 49		n.a.
M19	2 37	10 45	3 12	3 36	0 36	14 24	1 25	5 17	0 9	23 36	0 4	22 40	0 19	21 47	0 5	5 47	1 38	30 9	9 28	22 56	22 59	21 51		n.a.
T 20	2 13	15 16	2 19	4 18	0 43	14 51	1 29	5 34	0 8	23 37	0 4	22 39	0 19	21 47	0 5	5 46	1 38	30 9	9 28	22 55	22 59	21 52		n.a.
W21	1 49	19 8	1 20	5 1	0 50	15 18	1 32	5 52	0 8	23 37	0 4	22 39	0 19	21 48	0 5	5 45	1 38	30 9	9 28	22 55	22 58	21 54		n.a.
T 22	1 25	22 11	0 19	5 42	0 57	15 45	1 35	6 9	0 7	23 37	0 4	22 38	0 19	21 48	0 5	5 44	1 38	30 9	9 29	22 55	22 58	21 56		n.a.
F 23	1 1	24 17	0s44	6 24	1 3	16 11	1 39	6 26	0 6	23 37	0 4	22 38	0 19	21 48	0 5	5 43	1 38	30 9	9 29	22 55	22 58	21 58		n.a.
S 24	0 37	25 19	1 45	7 5	1 10	16 37	1 42	6 43	0 6	23 37	0 4	22 37	0 19	21 49	0 5	5 42	1 38	30 9	9 29	22 55	22 57	22 0		n.a.
S 25	0 13	25 10	2 42	7 45	1 17	17 3	1 45	7 0	0 5	23 38	0 4	22 37	0 19	21 49	0 5	5 41	1 38	30 9	9 30	22 55	22 57	22 1		n.a.
M26	0s11	23 48	3 33	8 25	1 23	17 28	1 49	7 17	0 4	23 38	0 4	22 37	0 20	21 49	0 5	5 40	1 38	30 9	9 30	22 54	22 57	22 3		n.a.
T 27	0 35	21 14	4 15	9 4	1 30	17 53	1 52	7 34	0 4	23 38	0 4	22 36	0 20	21 50	0 5	5 40	1 38	30 9	9 30	22 54	22 56	22 5		n.a.
W28	0 59	17 31	4 45	9 42	1 36	18 17	1 55	7 51	0 3	23 38	0 3	22 36	0 20	21 50	0 5	5 39	1 38	30 9	9 31	22 53	22 56	22 7		n.a.
T 29	1 23	12 50	5 1	10 20	1 42	18 41	1 58	8 8	0 2	23 38	0 3	22 35	0 20	21 50	0 5	5 38	1 38	30 9	9 31	22 52	22 56	22 9		n.a.
F 30	1s48	7s23	4s59	10s58	1s48	19s 4	2s 1	8s25	0n 2	23n38	0s 3	22n35	0n20	21s51	0s 5	5n37	1n38	30n 9	9n31	22n50	22n55	22s10		n.a.

Julian Day Number = 1711439.5, Delta T = 03h00m32s
Ecliptic obliquity = 23°41'56, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°26'23, Lahiri = - 4°19'23 Julian Calendar 1 Sept. 28 BCE == Greg. Calendar 30 Aug. 028 BCE

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ASTRODIENST EPHEMERIS for the year 28 BCE
geocentric

OCTOBER 28 BCE (-27) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 28 58	5♎27'55	7♈ 6	25♎ 4	18♏19	22♎ 7	28♊46	19♋40	7♐20	19♍45	27♋43	14°R45	15♊39	12♐14	n.a.	S 1
S 2	0 32 54	6°28'02	21°28	26°27	19°29	22°50	28°50	19°44	7°22	19°47	27°44	14♊35	15°36	12°21	n.a.	S 2
M 3	0 36 51	7°28'10	5♉58	27°49	20°39	23°33	28°53	19°47	7°25	19°50	27°45	14°27	15°33	12°27	n.a.	M 3
T 4	0 40 47	8°28'21	20°30	29° 9	21°48	24°16	28°56	19°51	7°27	19°52	27°46	14°23	15°29	12°34	n.a.	T 4
W 5	0 44 44	9°28'33	4♊58	0♏29	22°58	24°59	28°59	19°54	7°29	19°54	27°47	14°20	15°26	12°41	n.a.	W 5
T 6	0 48 41	10°28'48	19°19	1°47	24° 8	25°43	29° 1	19°57	7°31	19°56	27°48	14°D20	15°23	12°47	n.a.	T 6
F 7	0 52 37	11°29'05	3♋29	3° 4	25°17	26°26	29° 4	20° 0	7°34	19°58	27°48	14°21	15°20	12°54	n.a.	F 7
S 8	0 56 34	12°29'25	17°28	4°20	26°26	27° 9	29° 6	20° 3	7°36	20° 0	27°49	14°R21	15°17	13° 1	n.a.	S 8
S 9	1 0 30	13°29'46	1♌16	5°34	27°36	27°53	29° 8	20° 6	7°39	20° 2	27°50	14°19	15°14	13° 7	n.a.	S 9
M10	1 4 27	14°30'09	14°52	6°47	28°45	28°36	29°10	20° 9	7°41	20° 4	27°51	14°16	15°10	13°14	n.a.	M10
T 11	1 8 23	15°30'35	28°17	7°57	29°54	29°20	29°12	20°11	7°44	20° 7	27°51	14° 9	15° 7	13°21	n.a.	T 11
W12	1 12 20	16°31'02	11♍31	9° 5	1♐ 3	0♏ 3	29°13	20°14	7°46	20° 9	27°52	14° 1	15° 4	13°27	n.a.	W12
T 13	1 16 16	17°31'31	24°32	10°11	2°12	0°47	29°15	20°16	7°49	20°11	27°52	13°50	15° 1	13°34	n.a.	T 13
F 14	1 20 13	18°32'02	7♎21	11°14	3°20	1°30	29°16	20°19	7°51	20°13	27°53	13°40	14°58	13°40	n.a.	F 14
S 15	1 24 9	19°32'35	19°57	12°14	4°29	2°14	29°16	20°21	7°54	20°15	27°54	13°30	14°54	13°47	n.a.	S 15
S 16	1 28 6	20°33'09	2♏20	13°10	5°37	2°58	29°17	20°23	7°57	20°17	27°54	13°21	14°51	13°54	n.a.	S 16
M17	1 32 3	21°33'45	14°30	14° 3	6°46	3°42	29°18	20°25	7°59	20°19	27°55	13°15	14°48	14° 0	n.a.	M17
T 18	1 35 59	22°34'23	26°30	14°51	7°54	4°26	29°18	20°27	8° 2	20°21	27°55	13°11	14°45	14° 7	n.a.	T 18
W19	1 39 56	23°35'02	8♐22	15°34	9° 2	5°10	29°R18	20°29	8° 5	20°23	27°55	13°D 9	14°42	14°14	n.a.	W19
T 20	1 43 52	24°35'43	20° 9	16°11	10°10	5°54	29°18	20°30	8° 8	20°25	27°56	13° 9	14°39	14°20	n.a.	T 20
F 21	1 47 49	25°36'24	1♑55	16°43	11°18	6°38	29°18	20°32	8°11	20°27	27°56	13°10	14°35	14°27	n.a.	F 21
S 22	1 51 45	26°37'07	13°46	17° 7	12°25	7°22	29°17	20°33	8°14	20°28	27°56	13°12	14°32	14°34	n.a.	S 22
S 23	1 55 42	27°37'52	25°46	17°23	13°33	8° 6	29°16	20°35	8°17	20°30	27°57	13°R13	14°29	14°40	n.a.	S 23
M24	1 59 38	28°38'37	8♒ 1	17°R31	14°40	8°50	29°16	20°36	8°19	20°32	27°57	13°12	14°26	14°47	n.a.	M24
T 25	2 3 35	29°39'24	20°36	17°29	15°47	9°35	29°14	20°37	8°22	20°34	27°57	13°10	14°23	14°54	n.a.	T 25
W26	2 7 32	0♏40'11	3♓35	17°18	16°54	10°19	29°13	20°38	8°25	20°36	27°58	13° 6	14°20	15° 0	n.a.	W26
T 27	2 11 28	1°41'00	17° 1	16°56	18° 0	11° 3	29°12	20°39	8°29	20°38	27°58	13° 0	14°16	15° 7	n.a.	T 27
F 28	2 15 25	2°41'50	0♈54	16°23	19° 7	11°48	29°10	20°40	8°32	20°39	27°58	12°53	14°13	15°13	n.a.	F 28
S 29	2 19 21	3°42'41	15°13	15°39	20°13	12°32	29° 8	20°41	8°35	20°41	27°58	12°47	14°10	15°20	n.a.	S 29
S 30	2 23 18	4°43'33	29°52	14°45	21°19	13°17	29° 6	20°41	8°38	20°43	27°58	12°41	14° 7	15°27	n.a.	S 30
M31	2 27 14	5♏44'26	14♉44	13♏42	22♐25	14♏ 1	29♊ 4	20♋42	8♐41	20♍45	27♋58	12♊37	14♊ 4	15♐33	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s12	1s26	4s40	11s34	1s54	19s27	2s 4	8s41	0n 1	23n39	0s 3	22n34	0n20	21s51	0s 5	5n36	1n38	30n10	9n32	22n49	22n55	22s12		n.a.
S 2	2 36	4n43	4 3	12 10	1 59	19 50	2 7	8 58	0 0	23 39	0 3	22 34	0 20	21 51	0 5	5 35	1 38	30 10	9 32	22 48	22 55	22 14		n.a.
M 3	3 0	10 41	3 9	12 45	2 5	20 12	2 10	9 15	0s 0	23 39	0 3	22 34	0 20	21 52	0 5	5 34	1 38	30 10	9 32	22 47	22 54	22 16		n.a.
T 4	3 24	16 5	2 3	13 19	2 10	20 33	2 13	9 31	0 1	23 39	0 3	22 33	0 21	21 52	0 5	5 34	1 38	30 10	9 33	22 46	22 54	22 17		n.a.
W 5	3 48	20 33	0 50	13 52	2 15	20 54	2 16	9 48	0 2	23 39	0 3	22 33	0 21	21 53	0 5	5 33	1 38	30 10	9 33	22 46	22 54	22 19		n.a.
T 6	4 12	23 42	0n27	14 24	2 20	21 15	2 19	10 5	0 2	23 39	0 2	22 33	0 21	21 53	0 5	5 32	1 38	30 10	9 33	22 46	22 53	22 21		n.a.
F 7	4 35	25 20	1 40	14 55	2 24	21 35	2 22	10 21	0 3	23 39	0 2	22 32	0 21	21 53	0 5	5 31	1 38	30 10	9 34	22 46	22 53	22 22		n.a.
S 8	4 59	25 18	2 47	15 25	2 28	21 54	2 24	10 37	0 4	23 40	0 2	22 32	0 21	21 54	0 5	5 30	1 38	30 11	9 34	22 46	22 53	22 24		n.a.
S 9	5 23	23 43	3 43	15 54	2 32	22 13	2 27	10 54	0 4	23 40	0 2	22 32	0 21	21 54	0 5	5 30	1 38	30 11	9 34	22 46	22 52	22 26		n.a.
M10	5 47	20 47	4 26	16 21	2 35	22 31	2 29	11 10	0 5	23 40	0 2	22 31	0 21	21 55	0 5	5 29	1 38	30 11	9 35	22 46	22 52	22 28		n.a.
T 11	6 10	16 46	4 53	16 47	2 38	22 49	2 32	11 26	0 5	23 40	0 2	22 31	0 22	21 55	0 5	5 28	1 39	30 11	9 35	22 45	22 51	22 29		n.a.
W12	6 34	12 0	5 5	17 12	2 40	23 6	2 34	11 42	0 6	23 40	0 2	22 31	0 22	21 55	0 5	5 27	1 39	30 11	9 35	22 44	22 51	22 31		n.a.
T 13	6 57	6 46	5 0	17 35	2 42	23 23	2 36	11 59	0 7	23 40	0 2	22 31	0 22	21 56	0 5	5 26	1 39	30 12	9 36	22 43	22 51	22 33		n.a.
F 14	7 20	1 19	4 40	17 56	2 43	23 39	2 39	12 14	0 7	23 40	0 1	22 30	0 22	21 56	0 5	5 26	1 39	30 12	9 36	22 41	22 50	22 34		n.a.
S 15	7 44	4s 5	4 6	18 16	2 43	23 54	2 41	12 30	0 8	23 40	0 1	22 30	0 22	21 57	0 5	5 25	1 39	30 12	9 36	22 40	22 50	22 36		n.a.
S 16	8 7	9 16	3 21	18 33	2 43	24 9	2 43	12 46	0 9	23 41	0 1	22 30	0 22	21 57	0 5	5 24	1 39	30 12	9 37	22 39	22 50	22 38		n.a.
M17	8 30	14 1	2 28	18 48	2 42	24 23	2 45	13 2	0 9	23 41	0 1	22 30	0 22	21 58	0 5	5 23	1 39	30 13	9 37	22 38	22 49	22 39		n.a.
T 18	8 53	18 9	1 29	19 1	2 41	24 36	2 46	13 18	0 10	23 41	0 1	22 30	0 23	21 58	0 5	5 23	1 39	30 13	9 37	22 38	22 49	22 41		n.a.
W19	9 15	21 31	0 26	19 11	2 38	24 49	2 48	13 33	0 11	23 41	0 1	22 30	0 23	21 58	0 5	5 22	1 39	30 13	9 38	22 37	22 49	22 43		n.a.
T 20	9 38	23 57	0s38	19 19	2 34	25 1	2 50	13 48	0 11	23 41	0 1	22 29	0 23	21 59	0 5	5 21	1 39	30 13	9 38	22 37	22 48	22 44		n.a.
F 21	10 0	25 21	1 40	19 23	2 29	25 12	2 51	14 4	0 12	23 41	0 1	22 29	0 23	21 59	0 5	5 20	1 39	30 14	9 38	22 38	22 48	22 46		n.a.
S 22	10 22	25 36	2 38	19 25	2 23	25 23	2 53	14 19	0 13	23 41	0 0	22 29	0 23	22 0	0 5	5 20	1 39	30 14	9 39	22 38	22 48	22 48		n.a.
S 23	10 45	24 40	3 30	19 22	2 16	25 33	2 54	14 34	0 13	23 42	0 0	22 29	0 23	22 0	0 5	5 19	1 39	30 14	9 39	22 38	22 47	22 49		n.a.
M24	11 7	22 33	4 14	19 16	2 7	25 43	2 55	14 49	0 14	23 42	0 0	22 29	0 23	22 1	0 5	5 18	1 39	30 14	9 39	22 38	22 47	22 51		n.a.
T 25	11 28	19 18	4 47	19 6	1 56	25 51	2 56	15 4	0 14	23 42	0 0	22 29	0 23	22 1	0 5	5 17	1 39	30 15	9 40	22 38	22 46	22 53		n.a.
W26	11 50	15 2	5 6	18 51	1 44	25 59	2 57	15 19	0 15	23 42	0n 0	22 29	0 24	22 2	0 5	5 17	1 39	30 15	9 40	22 37	22 46	22 54		n.a.
T 27	12 11	9 55	5 9	18 31	1 31	26 7	2 58	15 33	0 16	23 42	0 0	22 29	0 24	22 2	0 5	5 16	1 39	30 15	9 41	22 36	22 46	22 56		n.a.
F 28	12 32	4 8	4 55	18 7	1 16	26 13	2 59	15 48	0 16	23 42	0 0	22 29	0 24	22 3	0 5	5 15	1 39	30 16	9 41	22 35	22 45	22 58		n.a.
S 29	12 53	2n 2	4 22	17 38	0 59	26 19	3 0	16 2	0 17	23 42	0 1	22 29	0 24	22 3	0 5	5 15	1 39	30 16	9 41	22 35	22 45	22 59		n.a.
S 30	13 14	8 15	3 32	17 5	0 41	26 24	3 0	16 16	0 18	23 42	0 1	22 29	0 24	22 4	0 5	5 14	1 39	30 16	9 42	22 34	22 45	23 1		n.a.
M31	13s35	14n 7	2s26	16s27	0s21	26s29	3s 1	16s31	0s18	23n43	0n 1	22n29	0n24	22s 4	0s 5	5n13	1n39	30n17	9n42	22n33	22n44	23s 2		n.a.

Julian Day Number = 1711469.5, Delta T = 03h00m31s
Ecliptic obliquity = 23°41'57, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°26'19, Lahiri = - 4°19'19 Julian Calendar 1 Oct. 28 BCE == Greg. Calendar 29 Sept. 028 BCE

The year -27 astronomical counting style corresponds to year 028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 28 BCE
geocentric

NOVEMBER 28 BCE (-27) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 31 11	6♏45'21	29♉41	12°R30	23♐31	14♏46	29°R 1	20♋42	8♐44	20♍46	27♋58	12°R34	14♊ 0	15♐40	n.a.	T 1
W 2	2 35 7	7°46'17	14♊36	11♏12	24°36	15°31	28♊58	20°42	8°47	20°48	27°R58	12°D34	13°57	15°47	n.a.	W 2
T 3	2 39 4	8°47'14	29°19	9°51	25°41	16°16	28°56	20°43	8°51	20°50	27°58	12♊34	13°54	15°53	n.a.	T 3
F 4	2 43 1	9°48'13	13♋47	8°28	26°46	17° 0	28°53	20°R43	8°54	20°51	27°58	12°36	13°51	16° 0	n.a.	F 4
S 5	2 46 57	10°49'13	27°56	7° 7	27°50	17°45	28°49	20°42	8°57	20°53	27°58	12°37	13°48	16° 7	n.a.	S 5
S 6	2 50 54	11°50'15	11♌46	5°50	28°55	18°30	28°46	20°42	9° 0	20°55	27°58	12°R38	13°45	16°13	n.a.	S 6
M 7	2 54 50	12°51'17	25°17	4°41	29°59	19°15	28°42	20°42	9° 4	20°56	27°58	12°37	13°41	16°20	n.a.	M 7
T 8	2 58 47	13°52'21	8♍30	3°40	1♑ 3	20° 0	28°38	20°42	9° 7	20°58	27°58	12°35	13°38	16°27	n.a.	T 8
W 9	3 2 43	14°53'26	21°26	2°49	2° 6	20°45	28°34	20°41	9°10	20°59	27°57	12°32	13°35	16°33	n.a.	W 9
T 10	3 6 40	15°54'32	4♎ 8	2° 9	3° 9	21°30	28°30	20°40	9°14	21° 1	27°57	12°27	13°32	16°40	n.a.	T 10
F 11	3 10 37	16°55'40	16°38	1°41	4°12	22°15	28°26	20°40	9°17	21° 2	27°57	12°23	13°29	16°47	n.a.	F 11
S 12	3 14 33	17°56'48	28°56	1°24	5°15	23° 1	28°21	20°39	9°21	21° 3	27°57	12°19	13°25	16°53	n.a.	S 12
S 13	3 18 30	18°57'57	11♏ 4	1°D17	6°17	23°46	28°17	20°38	9°24	21° 5	27°56	12°15	13°22	17° 0	n.a.	S 13
M14	3 22 26	19°59'07	23° 4	1°21	7°19	24°31	28°12	20°37	9°27	21° 6	27°56	12°12	13°19	17° 6	n.a.	M14
T 15	3 26 23	21° 0'17	4♐57	1°35	8°20	25°17	28° 7	20°35	9°31	21° 8	27°55	12°11	13°16	17°13	n.a.	T 15
W16	3 30 19	22° 1'29	16°46	1°57	9°21	26° 2	28° 1	20°34	9°34	21° 9	27°55	12°D11	13°13	17°20	n.a.	W16
T 17	3 34 16	23° 2'40	28°32	2°27	10°22	26°47	27°56	20°33	9°38	21°10	27°55	12°12	13°10	17°26	n.a.	T 17
F 18	3 38 12	24° 3'53	10♑19	3° 4	11°22	27°33	27°50	20°31	9°41	21°11	27°54	12°13	13° 6	17°33	n.a.	F 18
S 19	3 42 9	25° 5'05	22°11	3°48	12°22	28°18	27°45	20°29	9°45	21°13	27°54	12°15	13° 3	17°40	n.a.	S 19
S 20	3 46 6	26° 6'18	4♒10	4°36	13°22	29° 4	27°39	20°28	9°48	21°14	27°53	12°16	13° 0	17°46	n.a.	S 20
M21	3 50 2	27° 7'31	16°23	5°30	14°21	29°50	27°33	20°26	9°52	21°15	27°53	12°17	12°57	17°53	n.a.	M21
T 22	3 53 59	28° 8'44	28°54	6°28	15°19	0♐35	27°27	20°24	9°56	21°16	27°52	12°R18	12°54	18° 0	n.a.	T 22
W23	3 57 55	29° 9'57	11♓46	7°30	16°17	1°21	27°21	20°22	9°59	21°17	27°51	12°17	12°51	18° 6	n.a.	W23
T 24	4 1 52	0♐11'11	25° 3	8°36	17°14	2° 7	27°14	20°20	10° 3	21°18	27°51	12°16	12°47	18°13	n.a.	T 24
F 25	4 5 48	1°12'24	8♈49	9°44	18°11	2°53	27° 8	20°17	10° 6	21°19	27°50	12°15	12°44	18°20	n.a.	F 25
S 26	4 9 45	2°13'37	23° 2	10°55	19° 8	3°38	27° 1	20°15	10°10	21°20	27°49	12°14	12°41	18°26	n.a.	S 26
S 27	4 13 41	3°14'51	7♉40	12° 8	20° 3	4°24	26°54	20°13	10°13	21°21	27°49	12°12	12°38	18°33	n.a.	S 27
M28	4 17 38	4°16'04	22°39	13°23	20°59	5°10	26°47	20°10	10°17	21°22	27°48	12°12	12°35	18°40	n.a.	M28
T 29	4 21 35	5°17'18	7♊49	14°40	21°53	5°56	26°40	20° 7	10°21	21°23	27°47	12°D11	12°31	18°46	n.a.	T 29
W30	4 25 31	6♐18'32	23♊ 2	15♏58	22♑47	6♐42	26♊33	20♋ 5	10♐24	21♍24	27♋46	12♊11	12♊28	18♐53	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s55	19n10	1s10	15s46	0s 1	26s33	3s 1	16s45	0s19	23n43	0n 1	22n29	0n25	22s 5	0s 5	5n13	1n39	30n17	9n42	22n33	22n44	23s 4		n.a.
W 2	14 15	22 59	0n11	15 3	0n20	26 36	3 1	16 58	0 20	23 43	0 1	22 29	0 25	22 5	0 5	5 12	1 39	30 17	9 43	22 33	22 43	23 6		n.a.
T 3	14 35	25 12	1 30	14 17	0 40	26 38	3 1	17 12	0 20	23 43	0 1	22 30	0 25	22 6	0 5	5 12	1 39	30 18	9 43	22 33	22 43	23 7		n.a.
F 4	14 55	25 40	2 43	13 32	1 0	26 40	3 1	17 26	0 21	23 43	0 1	22 30	0 25	22 6	0 5	5 11	1 39	30 18	9 43	22 33	22 43	23 9		n.a.
S 5	15 14	24 26	3 43	12 48	1 19	26 41	3 0	17 39	0 21	23 43	0 2	22 30	0 25	22 7	0 5	5 10	1 40	30 18	9 44	22 33	22 42	23 10		n.a.
S 6	15 33	21 45	4 29	12 6	1 37	26 41	3 0	17 52	0 22	23 43	0 2	22 30	0 25	22 7	0 5	5 10	1 40	30 19	9 44	22 33	22 42	23 12		n.a.
M 7	15 52	17 55	4 59	11 28	1 52	26 41	2 59	18 5	0 23	23 43	0 2	22 30	0 25	22 8	0 5	5 9	1 40	30 19	9 44	22 33	22 41	23 14		n.a.
T 8	16 10	13 18	5 13	10 54	2 6	26 40	2 58	18 18	0 23	23 43	0 2	22 30	0 26	22 8	0 5	5 9	1 40	30 20	9 45	22 33	22 41	23 15		n.a.
W 9	16 29	8 10	5 10	10 26	2 17	26 38	2 57	18 31	0 24	23 44	0 2	22 31	0 26	22 9	0 5	5 8	1 40	30 20	9 45	22 33	22 41	23 17		n.a.
T 10	16 47	2 47	4 52	10 3	2 27	26 36	2 56	18 44	0 24	23 44	0 2	22 31	0 26	22 9	0 5	5 8	1 40	30 20	9 45	22 32	22 40	23 18		n.a.
F 11	17 4	2s37	4 20	9 47	2 34	26 33	2 55	18 56	0 25	23 44	0 2	22 31	0 26	22 10	0 5	5 7	1 40	30 21	9 46	22 31	22 40	23 20		n.a.
S 12	17 22	7 51	3 36	9 36	2 39	26 29	2 54	19 8	0 26	23 44	0 3	22 31	0 26	22 11	0 5	5 7	1 40	30 21	9 46	22 31	22 39	23 21		n.a.
S 13	17 39	12 44	2 43	9 30	2 43	26 25	2 52	19 20	0 26	23 44	0 3	22 32	0 26	22 11	0 5	5 6	1 40	30 21	9 47	22 30	22 39	23 23		n.a.
M14	17 56	17 4	1 44	9 30	2 45	26 20	2 50	19 32	0 27	23 44	0 3	22 32	0 26	22 12	0 5	5 6	1 40	30 22	9 47	22 30	22 39	23 24		n.a.
T 15	18 12	20 42	0 40	9 35	2 45	26 14	2 48	19 44	0 27	23 44	0 3	22 32	0 27	22 12	0 5	5 5	1 40	30 22	9 47	22 30	22 38	23 26		n.a.
W16	18 28	23 27	0s25	9 43	2 44	26 8	2 46	19 56	0 28	23 44	0 3	22 33	0 27	22 13	0 5	5 5	1 40	30 23	9 48	22 30	22 38	23 27		n.a.
T 17	18 44	25 11	1 29	9 56	2 42	26 1	2 44	20 7	0 29	23 44	0 3	22 33	0 27	22 13	0 5	5 4	1 40	30 23	9 48	22 30	22 37	23 29		n.a.
F 18	19 0	25 47	2 30	10 11	2 39	25 53	2 42	20 18	0 29	23 44	0 3	22 33	0 27	22 14	0 5	5 4	1 40	30 24	9 48	22 30	22 37	23 30		n.a.
S 19	19 15	25 12	3 24	10 30	2 35	25 45	2 39	20 29	0 30	23 44	0 4	22 34	0 27	22 14	0 5	5 3	1 40	30 24	9 49	22 30	22 37	23 32		n.a.
S 20	19 29	23 28	4 10	10 51	2 30	25 37	2 36	20 40	0 30	23 44	0 4	22 34	0 27	22 15	0 5	5 3	1 40	30 24	9 49	22 31	22 36	23 33		n.a.
M21	19 44	20 38	4 46	11 14	2 25	25 27	2 33	20 50	0 31	23 44	0 4	22 35	0 27	22 15	0 5	5 2	1 40	30 25	9 49	22 31	22 36	23 35		n.a.
T 22	19 58	16 48	5 9	11 38	2 19	25 17	2 30	21 1	0 32	23 45	0 4	22 35	0 28	22 16	0 5	5 2	1 40	30 25	9 50	22 31	22 35	23 36		n.a.
W23	20 11	12 6	5 17	12 5	2 13	25 7	2 27	21 11	0 32	23 45	0 4	22 36	0 28	22 16	0 5	5 2	1 40	30 26	9 50	22 31	22 35	23 38		n.a.
T 24	20 25	6 43	5 9	12 32	2 6	24 56	2 23	21 21	0 33	23 45	0 4	22 36	0 28	22 17	0 5	5 1	1 41	30 26	9 50	22 31	22 35	23 39		n.a.
F 25	20 37	0 49	4 44	13 0	1 59	24 45	2 19	21 30	0 33	23 45	0 5	22 37	0 28	22 17	0 5	5 1	1 41	30 27	9 51	22 30	22 34	23 41		n.a.
S 26	20 50	5n20	4 1	13 29	1 52	24 33	2 15	21 40	0 34	23 45	0 5	22 37	0 28	22 18	0 5	5 1	1 41	30 27	9 51	22 30	22 34	23 42		n.a.
S 27	21 2	11 23	3 0	13 59	1 45	24 20	2 11	21 49	0 35	23 45	0 5	22 38	0 28	22 19	0 5	5 0	1 41	30 28	9 51	22 30	22 33	23 44		n.a.
M28	21 14	16 55	1 47	14 29	1 37	24 7	2 6	21 58	0 35	23 45	0 5	22 38	0 28	22 19	0 5	5 0	1 41	30 28	9 51	22 30	22 33	23 45		n.a.
T 29	21 25	21 27	0 24	14 59	1 30	23 54	2 2	22 7	0 36	23 45	0 5	22 39	0 29	22 20	0 5	5 0	1 41	30 29	9 52	22 30	22 33	23 47		n.a.
W30	21s36	24n31	1n 0	15s29	1n22	23s40	1s57	22s16	0s36	23n45	0n 5	22n39	0n29	22s20	0s 5	4n59	1n41	30n29	9n52	22n30	22n32	23s48		n.a.

Julian Day Number = 1711500.5, Delta T = 03h00m30s
Ecliptic obliquity = 23°41'56, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°26'15, Lahiri = - 4°19'15 Julian Calendar 1 Nov. 28 BCE == Greg. Calendar 30 Oct. 028 BCE

The year -27 astronomical counting style corresponds to year 028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 28 BCE
geocentric

DECEMBER 28 BCE (-27) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 29 28	7♐19'46	8♋ 7	17♏18	23♑40	7♐28	26°R26	20°R 2	10♐28	21♍25	27°R46	12♊12	12♊25	18♐59	n.a.	T 1
F 2	4 33 24	8°21'00	22°57	18°39	24°32	8°14	26♊19	19♋59	10°31	21°26	27♋45	12°12	12°22	19° 6	n.a.	F 2
S 3	4 37 21	9°22'15	7♌26	20° 1	25°24	9° 0	26°11	19°56	10°35	21°27	27°44	12°12	12°19	19°13	n.a.	S 3
S 4	4 41 17	10°23'29	21°29	21°25	26°15	9°46	26° 4	19°53	10°39	21°27	27°43	12°13	12°16	19°19	n.a.	S 4
M 5	4 45 14	11°24'44	5♍ 7	22°49	27° 5	10°33	25°56	19°49	10°42	21°28	27°42	12°13	12°12	19°26	n.a.	M 5
T 6	4 49 11	12°25'59	18°19	24°14	27°54	11°19	25°49	19°46	10°46	21°29	27°41	12°13	12° 9	19°33	n.a.	T 6
W 7	4 53 7	13°27'14	1♎10	25°39	28°43	12° 5	25°41	19°43	10°49	21°29	27°40	12°13	12° 6	19°39	n.a.	W 7
T 8	4 57 4	14°28'29	13°42	27° 6	29°30	12°51	25°33	19°39	10°53	21°30	27°39	12°13	12° 3	19°46	n.a.	T 8
F 9	5 1 0	15°29'44	25°59	28°33	0♒17	13°38	25°25	19°36	10°57	21°31	27°38	12°13	12° 0	19°53	n.a.	F 9
S 10	5 4 57	16°30'59	8♏ 5	0♐ 1	1° 2	14°24	25°17	19°32	11° 0	21°31	27°37	12°14	11°57	19°59	n.a.	S 10
S 11	5 8 53	17°32'14	20° 1	1°29	1°47	15°10	25° 9	19°28	11° 4	21°32	27°36	12°14	11°53	20° 6	n.a.	S 11
M12	5 12 50	18°33'29	1♐53	2°58	2°30	15°57	25° 1	19°25	11° 7	21°32	27°35	12°15	11°50	20°13	n.a.	M12
T 13	5 16 46	19°34'43	13°41	4°27	3°13	16°43	24°53	19°21	11°11	21°33	27°34	12°R15	11°47	20°19	n.a.	T 13
W14	5 20 43	20°35'57	25°28	5°57	3°54	17°30	24°45	19°17	11°15	21°33	27°33	12°15	11°44	20°26	n.a.	W14
T 15	5 24 40	21°37'11	7♑16	7°28	4°34	18°16	24°37	19°13	11°18	21°33	27°32	12°14	11°41	20°33	n.a.	T 15
F 16	5 28 36	22°38'24	19° 8	8°59	5°13	19° 3	24°29	19° 9	11°22	21°34	27°31	12°12	11°37	20°39	n.a.	F 16
S 17	5 32 33	23°39'36	1♒ 5	10°30	5°51	19°50	24°21	19° 5	11°25	21°34	27°30	12°11	11°34	20°46	n.a.	S 17
S 18	5 36 29	24°40'47	13°11	12° 3	6°27	20°36	24°13	19° 1	11°29	21°34	27°28	12° 9	11°31	20°52	n.a.	S 18
M19	5 40 26	25°41'58	25°27	13°35	7° 2	21°23	24° 5	18°56	11°32	21°35	27°27	12° 7	11°28	20°59	n.a.	M19
T 20	5 44 22	26°43'08	7♓58	15° 8	7°35	22°10	23°57	18°52	11°36	21°35	27°26	12° 6	11°25	21° 6	n.a.	T 20
W21	5 48 19	27°44'16	20°46	16°42	8° 7	22°56	23°49	18°48	11°39	21°35	27°25	12° 5	11°22	21°12	n.a.	W21
T 22	5 52 15	28°45'24	3♈55	18°16	8°37	23°43	23°41	18°43	11°43	21°35	27°23	12°D 5	11°18	21°19	n.a.	T 22
F 23	5 56 12	29°46'30	17°28	19°51	9° 6	24°30	23°33	18°39	11°46	21°35	27°22	12° 5	11°15	21°26	n.a.	F 23
S 24	6 0 9	0♑47'35	1♉26	21°26	9°33	25°16	23°25	18°34	11°50	21°35	27°21	12° 7	11°12	21°32	n.a.	S 24
S 25	6 4 5	1°48'40	15°49	23° 2	9°58	26° 3	23°17	18°30	11°53	21°35	27°20	12° 8	11° 9	21°39	n.a.	S 25
M26	6 8 2	2°49'43	0♊35	24°38	10°21	26°50	23° 9	18°25	11°57	21°R35	27°18	12° 9	11° 6	21°46	n.a.	M26
T 27	6 11 58	3°50'45	15°39	26°15	10°43	27°37	23° 1	18°21	12° 0	21°35	27°17	12°R 9	11° 3	21°52	n.a.	T 27
W28	6 15 55	4°51'46	0♋51	27°53	11° 2	28°24	22°53	18°16	12° 4	21°35	27°16	12° 9	10°59	21°59	n.a.	W28
T 29	6 19 51	5°52'46	16° 4	29°31	11°19	29°11	22°46	18°11	12° 7	21°35	27°14	12° 6	10°56	22° 6	n.a.	T 29
F 30	6 23 48	6°53'45	1♌ 7	1♑10	11°35	29°58	22°38	18° 6	12°10	21°35	27°13	12° 3	10°53	22°12	n.a.	F 30
S 31	6 27 45	7♑54'43	15♌50	2♑50	11♒48	0♑44	22♊31	18♋ 2	12♐14	21♍35	27♋12	12♊ 0	10♊50	22♐19	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	21 s46	25n46	2n19	16 s 0	1n14	23 s26	1 s52	22 s24	0 s37	23n44	0n 5	22n40	0n29	22 s21	0 s 5	4n59	1n41	30n29	9n52	22n30	22n32	23 s50			n.a.
F 2	21 56	25 8	3 28	16 30	1 6	23 11	1 46	22 32	0 37	23 44	0 6	22 40	0 29	22 21	0 5	4 59	1 41	30 30	9 53	22 30	22 31	23 51			n.a.
S 3	22 6	22 49	4 22	17 0	0 59	22 56	1 41	22 40	0 38	23 44	0 6	22 41	0 29	22 22	0 5	4 58	1 41	30 30	9 53	22 30	22 31	23 52			n.a.
S 4	22 15	19 11	4 58	17 30	0 51	22 41	1 35	22 47	0 38	23 44	0 6	22 42	0 29	22 22	0 5	4 58	1 41	30 31	9 53	22 30	22 31	23 54			n.a.
M 5	22 24	14 37	5 16	17 59	0 43	22 25	1 29	22 55	0 39	23 44	0 6	22 42	0 29	22 23	0 5	4 58	1 41	30 31	9 54	22 30	22 30	23 55			n.a.
T 6	22 32	9 30	5 16	18 28	0 35	22 9	1 23	23 2	0 40	23 44	0 6	22 43	0 30	22 23	0 5	4 58	1 41	30 32	9 54	22 30	22 30	23 57			n.a.
W 7	22 40	4 7	5 1	18 56	0 28	21 53	1 16	23 9	0 40	23 44	0 6	22 43	0 30	22 24	0 5	4 58	1 41	30 32	9 54	22 30	22 29	23 58			n.a.
T 8	22 47	1 s18	4 31	19 24	0 20	21 36	1 9	23 15	0 41	23 44	0 7	22 44	0 30	22 24	0 5	4 57	1 41	30 33	9 54	22 30	22 29	23 59			n.a.
F 9	22 54	6 34	3 50	19 51	0 13	21 19	1 2	23 22	0 41	23 44	0 7	22 45	0 30	22 25	0 5	4 57	1 41	30 33	9 55	22 30	22 28	24 1			n.a.
S 10	23 0	11 32	2 59	20 17	0 5	21 2	0 55	23 28	0 42	23 44	0 7	22 45	0 30	22 25	0 5	4 57	1 42	30 34	9 55	22 30	22 28	24 2			n.a.
S 11	23 6	16 0	2 1	20 43	0 s 2	20 45	0 47	23 34	0 42	23 44	0 7	22 46	0 30	22 26	0 5	4 57	1 42	30 34	9 55	22 30	22 28	24 4			n.a.
M12	23 12	19 50	0 57	21 8	0 9	20 27	0 40	23 39	0 43	23 43	0 7	22 47	0 30	22 26	0 5	4 57	1 42	30 35	9 55	22 30	22 27	24 5			n.a.
T 13	23 17	22 49	0 s 8	21 32	0 16	20 10	0 31	23 45	0 43	23 43	0 7	22 47	0 31	22 27	0 5	4 57	1 42	30 35	9 56	22 30	22 27	24 6			n.a.
W14	23 22	24 50	1 13	21 55	0 23	19 52	0 23	23 50	0 44	23 43	0 7	22 48	0 31	22 27	0 5	4 56	1 42	30 36	9 56	22 30	22 26	24 8			n.a.
T 15	23 26	25 44	2 15	22 17	0 30	19 34	0 14	23 55	0 44	23 43	0 8	22 49	0 31	22 28	0 5	4 56	1 42	30 36	9 56	22 30	22 26	24 9			n.a.
F 16	23 30	25 28	3 11	22 38	0 37	19 16	0 6	23 59	0 45	23 43	0 8	22 50	0 31	22 29	0 5	4 56	1 42	30 37	9 57	22 30	22 25	24 10			n.a.
S 17	23 33	24 1	3 59	22 58	0 43	18 57	0n 4	24 3	0 45	23 43	0 8	22 50	0 31	22 29	0 5	4 56	1 42	30 37	9 57	22 30	22 25	24 12			n.a.
S 18	23 35	21 28	4 37	23 18	0 49	18 39	0 13	24 7	0 46	23 42	0 8	22 51	0 31	22 30	0 5	4 56	1 42	30 38	9 57	22 30	22 24	24 13			n.a.
M19	23 38	17 56	5 3	23 36	0 55	18 21	0 23	24 11	0 46	23 42	0 8	22 52	0 31	22 30	0 5	4 56	1 42	30 38	9 57	22 29	22 24	24 14			n.a.
T 20	23 39	13 33	5 16	23 52	1 1	18 3	0 33	24 15	0 47	23 42	0 8	22 52	0 31	22 31	0 5	4 56	1 42	30 39	9 57	22 29	22 24	24 16			n.a.
W21	23 41	8 29	5 13	24 8	1 7	17 44	0 43	24 18	0 47	23 42	0 8	22 53	0 32	22 31	0 5	4 56	1 42	30 39	9 58	22 29	22 23	24 17			n.a.
T 22	23 42	2 55	4 54	24 22	1 12	17 26	0 54	24 21	0 48	23 41	0 9	22 54	0 32	22 31	0 5	4 56	1 42	30 40	9 58	22 29	22 23	24 18			n.a.
F 23	23 42	2n57	4 18	24 36	1 18	17 8	1 5	24 23	0 48	23 41	0 9	22 55	0 32	22 32	0 5	4 56	1 42	30 40	9 58	22 29	22 22	24 20			n.a.
S 24	23 42	8 52	3 27	24 47	1 23	16 50	1 16	24 26	0 49	23 41	0 9	22 55	0 32	22 32	0 5	4 56	1 42	30 41	9 58	22 29	22 22	24 21			n.a.
S 25	23 41	14 31	2 21	24 58	1 27	16 32	1 28	24 28	0 49	23 41	0 9	22 56	0 32	22 33	0 5	4 56	1 42	30 41	9 59	22 29	22 21	24 22			n.a.
M26	23 40	19 28	1 4	25 7	1 32	16 15	1 39	24 29	0 50	23 40	0 9	22 57	0 32	22 33	0 5	4 56	1 43	30 42	9 59	22 30	22 21	24 24			n.a.
T 27	23 39	23 14	0n19	25 15	1 36	15 57	1 51	24 31	0 50	23 40	0 9	22 58	0 32	22 34	0 5	4 56	1 43	30 42	9 59	22 30	22 20	24 25			n.a.
W28	23 37	25 23	1 41	25 21	1 40	15 40	2 4	24 32	0 51	23 40	0 9	22 58	0 33	22 34	0 5	4 56	1 43	30 42	9 59	22 30	22 20	24 26			n.a.
T 29	23 34	25 38	2 56	25 26	1 44	15 23	2 16	24 33	0 51	23 40	0 10	22 59	0 33	22 35	0 6	4 56	1 43	30 43	9 59	22 29	22 20	24 27			n.a.
F 30	23 31	24 0	3 58	25 29	1 47	15 7	2 29	24 34	0 52	23 39	0 10	23 0	0 33	22 35	0 6	4 57	1 43	30 43	10 0	22 29	22 19	24 29			n.a.
S 31	23 s28	20n45	4n42	25 s30	1 s50	14 s50	2n42	24 s34	0 s52	23n39	0n10	23n 1	0n33	22 s36	0 s 6	4n57	1n43	30n44	10n 0	22n28	22n19	24 s30			n.a.

Julian Day Number = 1711530.5, Delta T = 03h00m29s
Ecliptic obliquity = 23°41'56, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°26'11, Lahiri = - 4°19'11 Julian Calendar 1 Dec. 28 BCE == Greg. Calendar 29 Nov. 028 BCE

The year -27 astronomical counting style corresponds to year 028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 27 BCE
geocentric

JANUARY 27 BCE (-26) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 31 41	8♑55'41	0♍ 9	4♑30	11♒59	1♑31	22°R23	17°R57	12♐17	21°R35	27°R10	11°R56	10♊47	22♐26	n.a.	S 1
M 2	6 35 38	9°56'37	13°59	6°11	12° 7	2°18	22♊16	17♋52	12°20	21♍35	27♋ 9	11♊52	10°43	22°32	n.a.	M 2
T 3	6 39 34	10°57'32	27°20	7°53	12°13	3° 5	22° 8	17°47	12°24	21°34	27° 7	11°50	10°40	22°39	n.a.	T 3
W 4	6 43 31	11°58'26	10♎15	9°35	12°17	3°52	22° 1	17°42	12°27	21°34	27° 6	11°D49	10°37	22°45	n.a.	W 4
T 5	6 47 27	12°59'20	22°47	11°18	12°R19	4°39	21°54	17°38	12°30	21°34	27° 5	11°50	10°34	22°52	n.a.	T 5
F 6	6 51 24	14° 0'12	5♏ 0	13° 2	12°18	5°26	21°47	17°33	12°33	21°33	27° 3	11°51	10°31	22°59	n.a.	F 6
S 7	6 55 20	15° 1'03	17° 0	14°47	12°14	6°14	21°40	17°28	12°37	21°33	27° 2	11°53	10°28	23° 5	n.a.	S 7
S 8	6 59 17	16° 1'54	28°51	16°32	12° 8	7° 1	21°33	17°23	12°40	21°32	27° 0	11°55	10°24	23°12	n.a.	S 8
M 9	7 3 14	17° 2'43	10♐38	18°18	12° 0	7°48	21°27	17°18	12°43	21°32	26°59	11°R56	10°21	23°19	n.a.	M 9
T 10	7 7 10	18° 3'31	22°24	20° 5	11°49	8°35	21°20	17°13	12°46	21°32	26°57	11°55	10°18	23°25	n.a.	T 10
W11	7 11 7	19° 4'17	4♑12	21°52	11°35	9°22	21°14	17° 8	12°49	21°31	26°56	11°52	10°15	23°32	n.a.	W11
T 12	7 15 3	20° 5'02	16° 6	23°40	11°19	10° 9	21° 7	17° 3	12°52	21°30	26°55	11°48	10°12	23°39	n.a.	T 12
F 13	7 19 0	21° 5'46	28° 6	25°29	11° 1	10°56	21° 1	16°59	12°55	21°30	26°53	11°42	10° 9	23°45	n.a.	F 13
S 14	7 22 56	22° 6'28	10♒14	27°18	10°40	11°43	20°55	16°54	12°58	21°29	26°52	11°34	10° 5	23°52	n.a.	S 14
S 15	7 26 53	23° 7'09	22°32	29° 8	10°17	12°31	20°49	16°49	13° 1	21°29	26°50	11°26	10° 2	23°59	n.a.	S 15
M16	7 30 49	24° 7'48	5♓ 0	0♒58	9°51	13°18	20°44	16°44	13° 4	21°28	26°49	11°19	9°59	24° 5	n.a.	M16
T 17	7 34 46	25° 8'25	17°40	2°48	9°24	14° 5	20°38	16°39	13° 7	21°27	26°47	11°12	9°56	24°12	n.a.	T 17
W18	7 38 43	26° 9'00	0♈34	4°39	8°55	14°52	20°33	16°34	13°10	21°26	26°46	11° 7	9°53	24°19	n.a.	W18
T 19	7 42 39	27° 9'33	13°43	6°29	8°23	15°39	20°28	16°30	13°13	21°26	26°44	11° 4	9°49	24°25	n.a.	T 19
F 20	7 46 36	28°10'04	27°10	8°20	7°51	16°26	20°22	16°25	13°16	21°25	26°43	11°D 3	9°46	24°32	n.a.	F 20
S 21	7 50 32	29°10'33	10♉56	10°10	7°16	17°14	20°18	16°20	13°18	21°24	26°41	11° 3	9°43	24°39	n.a.	S 21
S 22	7 54 29	0♒11'01	25° 2	11°59	6°41	18° 1	20°13	16°15	13°21	21°23	26°40	11° 5	9°40	24°45	n.a.	S 22
M23	7 58 25	1°11'26	9♊27	13°47	6° 5	18°48	20° 8	16°11	13°24	21°22	26°38	11°R 5	9°37	24°52	n.a.	M23
T 24	8 2 22	2°11'49	24°10	15°34	5°28	19°35	20° 4	16° 6	13°26	21°21	26°37	11° 5	9°34	24°58	n.a.	T 24
W25	8 6 18	3°12'11	9♋ 5	17°19	4°50	20°22	20° 0	16° 2	13°29	21°20	26°35	11° 2	9°30	25° 5	n.a.	W25
T 26	8 10 15	4°12'30	24° 5	19° 2	4°12	21°10	19°56	15°57	13°32	21°19	26°34	10°56	9°27	25°12	n.a.	T 26
F 27	8 14 12	5°12'48	9♌ 1	20°42	3°34	21°57	19°52	15°53	13°34	21°18	26°32	10°49	9°24	25°18	n.a.	F 27
S 28	8 18 8	6°13'03	23°44	22°19	2°57	22°44	19°48	15°48	13°37	21°17	26°31	10°40	9°21	25°25	n.a.	S 28
S 29	8 22 5	7°13'17	8♍ 7	23°53	2°20	23°31	19°45	15°44	13°39	21°16	26°30	10°31	9°18	25°32	n.a.	S 29
M30	8 26 1	8°13'29	22° 4	25°22	1°44	24°18	19°41	15°40	13°42	21°15	26°28	10°22	9°15	25°38	n.a.	M30
T 31	8 29 58	9♒13'39	5♎33	26♒46	1♒ 9	25♑ 6	19♊38	15♋35	13♐44	21♍14	26♋27	10♊16	9♊11	25♐45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23s24	16n20	5n 8	25s30	1s53	14s35	2n56	24s34	0s52	23n39	0n10	23n 2	0n33	22s36	0s 6	4n57	1n43	30n44	10n 0	22n28	22n18	24s31			n.a.
M 2	23 19	11 11	5 14	25 28	1 55	14 19	3 9	24 34	0 53	23 38	0 10	23 2	0 33	22 37	0 6	4 57	1 43	30 45	10 0	22 27	22 18	24 32			n.a.
T 3	23 14	5 42	5 3	25 25	1 57	14 4	3 23	24 33	0 53	23 38	0 10	23 3	0 33	22 37	0 6	4 57	1 43	30 45	10 0	22 27	22 17	24 34			n.a.
W 4	23 9	0 8	4 37	25 20	1 59	13 50	3 37	24 32	0 54	23 38	0 10	23 4	0 33	22 38	0 6	4 57	1 43	30 46	10 0	22 27	22 17	24 35			n.a.
T 5	23 3	5s17	3 58	25 13	2 0	13 36	3 51	24 31	0 54	23 37	0 11	23 5	0 33	22 38	0 6	4 58	1 43	30 46	10 1	22 27	22 16	24 36			n.a.
F 6	22 57	10 22	3 9	25 4	2 1	13 23	4 5	24 30	0 55	23 37	0 11	23 5	0 34	22 38	0 6	4 58	1 43	30 47	10 1	22 27	22 16	24 37			n.a.
S 7	22 51	14 59	2 12	24 53	2 2	13 10	4 19	24 28	0 55	23 37	0 11	23 6	0 34	22 39	0 6	4 58	1 43	30 47	10 1	22 27	22 15	24 39			n.a.
S 8	22 43	18 58	1 11	24 41	2 2	12 58	4 33	24 26	0 55	23 37	0 11	23 7	0 34	22 39	0 6	4 58	1 43	30 47	10 1	22 28	22 15	24 40			n.a.
M 9	22 36	22 10	0 7	24 26	2 1	12 46	4 48	24 24	0 56	23 36	0 11	23 8	0 34	22 40	0 6	4 58	1 43	30 48	10 1	22 28	22 15	24 41			n.a.
T 10	22 28	24 26	0s57	24 10	2 1	12 36	5 2	24 21	0 56	23 36	0 11	23 8	0 34	22 40	0 6	4 59	1 44	30 48	10 1	22 28	22 14	24 42			n.a.
W11	22 20	25 36	1 59	23 52	1 59	12 26	5 16	24 18	0 57	23 36	0 11	23 9	0 34	22 40	0 6	4 59	1 44	30 49	10 1	22 27	22 14	24 43			n.a.
T 12	22 11	25 37	2 55	23 32	1 57	12 16	5 30	24 15	0 57	23 35	0 11	23 10	0 34	22 41	0 6	4 59	1 44	30 49	10 1	22 27	22 13	24 45			n.a.
F 13	22 1	24 26	3 45	23 9	1 55	12 8	5 44	24 12	0 57	23 35	0 12	23 10	0 34	22 41	0 6	5 0	1 44	30 50	10 2	22 26	22 13	24 46			n.a.
S 14	21 52	22 6	4 24	22 45	1 52	12 0	5 58	24 8	0 58	23 35	0 12	23 11	0 34	22 42	0 6	5 0	1 44	30 50	10 2	22 25	22 12	24 47			n.a.
S 15	21 42	18 45	4 53	22 19	1 48	11 54	6 11	24 4	0 58	23 34	0 12	23 12	0 35	22 42	0 6	5 0	1 44	30 50	10 2	22 24	22 12	24 48			n.a.
M16	21 31	14 32	5 7	21 51	1 44	11 48	6 24	24 0	0 58	23 34	0 12	23 13	0 35	22 42	0 6	5 0	1 44	30 51	10 2	22 23	22 11	24 49			n.a.
T 17	21 20	9 37	5 7	21 21	1 39	11 43	6 37	23 55	0 59	23 34	0 12	23 13	0 35	22 43	0 6	5 1	1 44	30 51	10 2	22 22	22 11	24 50			n.a.
W18	21 9	4 13	4 51	20 49	1 34	11 39	6 49	23 50	0 59	23 34	0 12	23 14	0 35	22 43	0 6	5 1	1 44	30 52	10 2	22 21	22 10	24 52			n.a.
T 19	20 57	1n29	4 21	20 16	1 28	11 35	7 1	23 45	1 0	23 33	0 12	23 15	0 35	22 44	0 6	5 1	1 44	30 52	10 2	22 21	22 10	24 53			n.a.
F 20	20 45	7 14	3 35	19 41	1 21	11 33	7 12	23 40	1 0	23 33	0 12	23 15	0 35	22 44	0 6	5 2	1 44	30 52	10 2	22 21	22 9	24 54			n.a.
S 21	20 33	12 48	2 35	19 4	1 13	11 31	7 22	23 34	1 0	23 33	0 13	23 16	0 35	22 44	0 6	5 2	1 44	30 53	10 2	22 21	22 9	24 55			n.a.
S 22	20 20	17 51	1 26	18 25	1 5	11 31	7 32	23 28	1 1	23 33	0 13	23 17	0 35	22 45	0 6	5 3	1 44	30 53	10 2	22 21	22 8	24 56			n.a.
M23	20 7	21 58	0 9	17 45	0 56	11 31	7 41	23 22	1 1	23 32	0 13	23 17	0 35	22 45	0 6	5 3	1 44	30 53	10 2	22 21	22 8	24 57			n.a.
T 24	19 53	24 44	1n10	17 5	0 46	11 32	7 49	23 16	1 1	23 32	0 13	23 18	0 35	22 45	0 6	5 3	1 44	30 54	10 2	22 21	22 7	24 58			n.a.
W25	19 39	25 47	2 25	16 23	0 36	11 34	7 56	23 9	1 1	23 32	0 13	23 19	0 35	22 46	0 6	5 4	1 44	30 54	10 3	22 20	22 7	24 59			n.a.
T 26	19 25	24 58	3 30	15 40	0 25	11 37	8 2	23 2	1 2	23 32	0 13	23 19	0 36	22 46	0 6	5 4	1 44	30 54	10 3	22 20	22 7	25 1			n.a.
F 27	19 10	22 23	4 20	14 57	0 13	11 40	8 7	22 55	1 2	23 32	0 13	23 20	0 36	22 46	0 6	5 5	1 44	30 55	10 3	22 19	22 6	25 2			n.a.
S 28	18 55	18 21	4 52	14 14	0 0	11 44	8 12	22 47	1 2	23 31	0 13	23 21	0 36	22 47	0 6	5 5	1 45	30 55	10 3	22 17	22 6	25 3			n.a.
S 29	18 40	13 19	5 5	13 30	0n13	11 49	8 15	22 39	1 3	23 31	0 13	23 21	0 36	22 47	0 6	5 6	1 45	30 55	10 3	22 16	22 5	25 4			n.a.
M30	18 24	7 45	4 59	12 48	0 26	11 54	8 17	22 31	1 3	23 31	0 14	23 22	0 36	22 47	0 6	5 6	1 45	30 56	10 3	22 15	22 5	25 5			n.a.
T 31	18s 8	2n 0	4n37	12s 6	0n40	12s 0	8n19	22s23	1s 3	23n31	0n14	23n22	0n36	22s48	0s 6	5n 7	1n45	30n56	10n 3	22n14	22n 4	25s 6			n.a.

Julian Day Number = 1711561.5, Delta T = 03h00m28s
Ecliptic obliquity = 23°41'56, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°26'07, Lahiri = - 4°19'06 Julian Calendar 1 Jan. 27 BCE == Greg. Calendar 30 Dec. 028 BCE

The year -26 astronomical counting style corresponds to year 027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 27 BCE
geocentric

FEBRUARY 27 BCE (-26) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 33 54	10♒13'48	18♎34	28♒ 4	0°R36	25♉53	19°R35	15°R31	13♐47	21°R13	26°R25	10°R11	9♊ 8	25♐52	n.a.	W 1
T 2	8 37 51	11°13'55	1♏10	29°16	0♒ 4	26°40	19♊32	15♋27	13°49	21♍12	26♋24	10♊ 8	9° 5	25°58	n.a.	T 2
F 3	8 41 47	12°14'00	13°26	0♓22	29♉33	27°27	19°30	15°23	13°51	21°11	26°22	10°D 8	9° 2	26° 5	n.a.	F 3
S 4	8 45 44	13°14'04	25°26	1°20	29° 5	28°14	19°28	15°19	13°54	21°10	26°21	10° 8	8°59	26°12	n.a.	S 4
S 5	8 49 41	14°14'06	7♐17	2°11	28°38	29° 2	19°25	15°15	13°56	21° 8	26°20	10°R 9	8°55	26°18	n.a.	S 5
M 6	8 53 37	15°14'06	19° 4	2°54	28°13	29°49	19°23	15°11	13°58	21° 7	26°18	10° 9	8°52	26°25	n.a.	M 6
T 7	8 57 34	16°14'05	0♉51	3°28	27°51	0♒36	19°22	15° 7	14° 0	21° 6	26°17	10° 6	8°49	26°32	n.a.	T 7
W 8	9 1 30	17°14'01	12°42	3°53	27°31	1°23	19°20	15° 3	14° 2	21° 5	26°15	10° 1	8°46	26°38	n.a.	W 8
T 9	9 5 27	18°13'56	24°42	4° 9	27°14	2°10	19°19	15° 0	14° 4	21° 3	26°14	9°54	8°43	26°45	n.a.	T 9
F 10	9 9 23	19°13'49	6♒52	4°R17	26°59	2°58	19°17	14°56	14° 6	21° 2	26°13	9°44	8°40	26°52	n.a.	F 10
S 11	9 13 20	20°13'40	19°14	4°15	26°46	3°45	19°16	14°52	14° 8	21° 1	26°11	9°32	8°36	26°58	n.a.	S 11
S 12	9 17 16	21°13'28	1♓48	4° 5	26°36	4°32	19°16	14°49	14°10	20°59	26°10	9°19	8°33	27° 5	n.a.	S 12
M13	9 21 13	22°13'15	14°35	3°47	26°28	5°19	19°15	14°46	14°12	20°58	26° 9	9° 6	8°30	27°12	n.a.	M13
T 14	9 25 10	23°12'59	27°34	3°21	26°23	6° 6	19°15	14°42	14°14	20°56	26° 7	8°55	8°27	27°18	n.a.	T 14
W15	9 29 6	24°12'41	10♈44	2°48	26°20	6°53	19°14	14°39	14°16	20°55	26° 6	8°46	8°24	27°25	n.a.	W15
T 16	9 33 3	25°12'21	24° 5	2° 9	26°D19	7°40	19°D14	14°36	14°17	20°54	26° 5	8°40	8°21	27°31	n.a.	T 16
F 17	9 36 59	26°11'58	7♉38	1°24	26°21	8°27	19°14	14°33	14°19	20°52	26° 4	8°36	8°17	27°38	n.a.	F 17
S 18	9 40 56	27°11'33	21°23	0°35	26°26	9°14	19°15	14°30	14°21	20°51	26° 2	8°35	8°14	27°45	n.a.	S 18
S 19	9 44 52	28°11'06	5♊20	29♒43	26°32	10° 1	19°15	14°27	14°22	20°49	26° 1	8°35	8°11	27°51	n.a.	S 19
M20	9 48 49	29°10'36	19°30	28°50	26°41	10°48	19°16	14°24	14°24	20°48	26° 0	8°35	8° 8	27°58	n.a.	M20
T 21	9 52 45	0♓10'04	3♋52	27°55	26°52	11°35	19°17	14°22	14°25	20°46	25°59	8°33	8° 5	28° 5	n.a.	T 21
W22	9 56 42	1° 9'30	18°22	27° 0	27° 5	12°22	19°18	14°19	14°27	20°45	25°58	8°29	8° 1	28°11	n.a.	W22
T 23	10 0 38	2° 8'53	2♌57	26° 8	27°20	13° 9	19°20	14°17	14°28	20°43	25°57	8°22	7°58	28°18	n.a.	T 23
F 24	10 4 35	3° 8'14	17°31	25°17	27°37	13°56	19°21	14°14	14°30	20°42	25°55	8°12	7°55	28°25	n.a.	F 24
S 25	10 8 32	4° 7'32	1♍57	24°30	27°56	14°43	19°23	14°12	14°31	20°40	25°54	8° 1	7°52	28°31	n.a.	S 25
S 26	10 12 28	5° 6'48	16° 8	23°47	28°17	15°30	19°25	14°10	14°32	20°39	25°53	7°48	7°49	28°38	n.a.	S 26
M27	10 16 25	6° 6'03	29°58	23° 8	28°40	16°17	19°27	14° 8	14°33	20°37	25°52	7°37	7°46	28°45	n.a.	M27
T 28	10 20 21	7♓ 5'15	13♎24	22♒35	29♉ 4	17♒ 4	19♊29	14♋ 6	14♐34	20♍35	25♋51	7♊27	7♊42	28♐51	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s52	3s39	4n 0	11s25	0n55	12s 6	8n20	22s14	1s 3	23n31	0n14	23n23	0n36	22s48	0s 6	5n 7	1n45	30n56	10n 3	22n13	22n 4	25s 7		n.a.
T 2	17 36	9 0	3 13	10 46	1 9	12 13	8 19	22 5	1 4	23 31	0 14	23 23	0 36	22 48	0 6	5 8	1 45	30 57	10 3	22 13	22 3	25 8		n.a.
F 3	17 19	13 51	2 18	10 9	1 24	12 21	8 18	21 56	1 4	23 31	0 14	23 24	0 36	22 49	0 6	5 8	1 45	30 57	10 3	22 13	22 3	25 9		n.a.
S 4	17 2	18 4	1 18	9 34	1 39	12 28	8 16	21 47	1 4	23 31	0 14	23 25	0 36	22 49	0 6	5 9	1 45	30 57	10 3	22 13	22 2	25 10		n.a.
S 5	16 44	21 31	0 15	9 2	1 54	12 36	8 13	21 38	1 4	23 30	0 14	23 25	0 36	22 49	0 6	5 9	1 45	30 58	10 3	22 13	22 2	25 11		n.a.
M 6	16 27	24 2	0s47	8 33	2 9	12 45	8 10	21 28	1 5	23 30	0 14	23 26	0 36	22 49	0 6	5 10	1 45	30 58	10 3	22 13	22 1	25 12		n.a.
T 7	16 9	25 30	1 48	8 8	2 23	12 53	8 5	21 18	1 5	23 30	0 14	23 26	0 36	22 50	0 6	5 10	1 45	30 58	10 3	22 12	22 1	25 13		n.a.
W 8	15 50	25 49	2 44	7 46	2 36	13 2	8 1	21 7	1 5	23 30	0 14	23 27	0 36	22 50	0 6	5 11	1 45	30 58	10 3	22 12	22 0	25 14		n.a.
T 9	15 32	24 55	3 34	7 28	2 49	13 10	7 55	20 57	1 5	23 30	0 15	23 27	0 37	22 50	0 6	5 11	1 45	30 59	10 3	22 11	22 0	25 15		n.a.
F 10	15 13	22 51	4 14	7 14	3 1	13 19	7 49	20 46	1 6	23 30	0 15	23 28	0 37	22 50	0 6	5 12	1 45	30 59	10 3	22 9	21 59	25 16		n.a.
S 11	14 54	19 41	4 43	7 5	3 12	13 28	7 42	20 35	1 6	23 30	0 15	23 28	0 37	22 51	0 6	5 12	1 45	30 59	10 3	22 7	21 59	25 17		n.a.
S 12	14 35	15 35	4 59	6 59	3 22	13 37	7 35	20 24	1 6	23 30	0 15	23 28	0 37	22 51	0 6	5 13	1 45	30 59	10 2	22 5	21 58	25 18		n.a.
M13	14 15	10 44	5 0	6 58	3 30	13 46	7 28	20 13	1 6	23 30	0 15	23 29	0 37	22 51	0 6	5 14	1 45	31 0	10 2	22 3	21 58	25 19		n.a.
T 14	13 56	5 20	4 46	7 2	3 36	13 54	7 20	20 1	1 6	23 30	0 15	23 29	0 37	22 51	0 6	5 14	1 45	31 0	10 2	22 2	21 57	25 20		n.a.
W15	13 36	0n22	4 16	7 9	3 41	14 3	7 12	19 49	1 6	23 30	0 15	23 30	0 37	22 52	0 6	5 15	1 45	31 0	10 2	22 0	21 57	25 21		n.a.
T 16	13 16	6 9	3 32	7 20	3 44	14 11	7 3	19 37	1 7	23 31	0 15	23 30	0 37	22 52	0 6	5 15	1 45	31 0	10 2	21 59	21 56	25 22		n.a.
F 17	12 55	11 45	2 36	7 35	3 45	14 20	6 54	19 25	1 7	23 31	0 15	23 31	0 37	22 52	0 6	5 16	1 45	31 0	10 2	21 59	21 56	25 23		n.a.
S 18	12 35	16 52	1 30	7 53	3 45	14 28	6 45	19 13	1 7	23 31	0 15	23 31	0 37	22 52	0 6	5 17	1 45	31 0	10 2	21 58	21 55	25 24		n.a.
S 19	12 14	21 9	0 17	8 14	3 42	14 35	6 36	19 0	1 7	23 31	0 15	23 31	0 37	22 52	0 6	5 17	1 45	31 1	10 2	21 58	21 55	25 25		n.a.
M20	11 53	24 14	0n57	8 37	3 37	14 43	6 27	18 47	1 7	23 31	0 15	23 32	0 37	22 53	0 6	5 18	1 45	31 1	10 2	21 58	21 54	25 26		n.a.
T 21	11 32	25 48	2 9	9 2	3 31	14 50	6 17	18 34	1 7	23 31	0 16	23 32	0 37	22 53	0 6	5 19	1 45	31 1	10 2	21 58	21 54	25 27		n.a.
W22	11 11	25 37	3 14	9 28	3 23	14 57	6 8	18 21	1 7	23 31	0 16	23 32	0 37	22 53	0 6	5 19	1 45	31 1	10 2	21 57	21 53	25 28		n.a.
T 23	10 49	23 41	4 6	9 55	3 13	15 4	5 58	18 8	1 8	23 32	0 16	23 33	0 37	22 53	0 6	5 20	1 46	31 1	10 2	21 56	21 53	25 29		n.a.
F 24	10 28	20 12	4 41	10 23	3 2	15 10	5 48	17 54	1 8	23 32	0 16	23 33	0 37	22 53	0 6	5 20	1 46	31 1	10 2	21 55	21 52	25 30		n.a.
S 25	10 6	15 32	4 59	10 50	2 50	15 16	5 39	17 40	1 8	23 32	0 16	23 33	0 37	22 54	0 6	5 21	1 46	31 2	10 1	21 53	21 52	25 31		n.a.
S 26	9 44	10 5	4 57	11 17	2 37	15 22	5 29	17 27	1 8	23 32	0 16	23 33	0 37	22 54	0 6	5 22	1 46	31 2	10 1	21 51	21 51	25 32		n.a.
M27	9 22	4 16	4 38	11 43	2 23	15 27	5 19	17 12	1 8	23 32	0 16	23 34	0 38	22 54	0 6	5 22	1 46	31 2	10 1	21 49	21 50	25 32		n.a.
T 28	9s 0	1s36	4n 4	12s 7	2n 8	15s32	5n 9	16s58	1s 8	23n33	0n16	23n34	0n38	22s54	0s 6	5n23	1n46	31n 2	10n 1	21n47	21n50	25s33		n.a.

Julian Day Number = 1711592.5, Delta T = 03h00m27s
Ecliptic obliquity = 23°41'57, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°26'03, Lahiri = - 4°19'02 Julian Calendar 1 Feb. 27 BCE == Greg. Calendar 30 Jan. 027 BCE

The year -26 astronomical counting style corresponds to year 027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 27 BCE
geocentric

MARCH 27 BCE (-26) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 24 18	8♓ 4'25	26♎26	22°R 7	29♉31	17♒50	19♊31	14°R 4	14♐36	20°R34	25°R50	7°R20	7♊39	28♐58	n.a.	W 1
T 2	10 28 14	9° 3'33	9♏ 4	21♒45	29°58	18°37	19°34	14♋ 2	14°37	20♍32	25♋49	7♊15	7°36	29° 5	n.a.	T 2
F 3	10 32 11	10° 2'40	21°23	21°28	0♒28	19°24	19°37	14° 0	14°38	20°31	25°48	7°13	7°33	29°11	n.a.	F 3
S 4	10 36 7	11° 1'44	3♐26	21°17	0°59	20°11	19°40	13°59	14°39	20°29	25°47	7°12	7°30	29°18	n.a.	S 4
S 5	10 40 4	12° 0'47	15°19	21°D12	1°31	20°57	19°43	13°57	14°40	20°27	25°46	7°12	7°26	29°25	n.a.	S 5
M 6	10 44 1	12°59'48	27° 7	21°12	2° 5	21°44	19°46	13°56	14°40	20°26	25°45	7°12	7°23	29°31	n.a.	M 6
T 7	10 47 57	13°58'47	8♑56	21°18	2°40	22°31	19°50	13°55	14°41	20°24	25°44	7°10	7°20	29°38	n.a.	T 7
W 8	10 51 54	14°57'44	20°51	21°29	3°16	23°17	19°53	13°54	14°42	20°22	25°43	7° 5	7°17	29°45	n.a.	W 8
T 9	10 55 50	15°56'40	2♒56	21°45	3°54	24° 4	19°57	13°52	14°43	20°21	25°43	6°58	7°14	29°51	n.a.	T 9
F 10	10 59 47	16°55'33	15°15	22° 6	4°32	24°51	20° 1	13°52	14°43	20°19	25°42	6°48	7°11	29°58	n.a.	F 10
S 11	11 3 43	17°54'24	27°49	22°32	5°12	25°37	20° 6	13°51	14°44	20°18	25°41	6°36	7° 7	0♑ 5	n.a.	S 11
S 12	11 7 40	18°53'14	10♓40	23° 2	5°53	26°24	20°10	13°50	14°44	20°16	25°40	6°24	7° 4	0°11	n.a.	S 12
M13	11 11 36	19°52'01	23°46	23°36	6°35	27°10	20°15	13°49	14°45	20°14	25°39	6°11	7° 1	0°18	n.a.	M13
T 14	11 15 33	20°50'46	7♈ 8	24°14	7°18	27°57	20°19	13°49	14°45	20°13	25°39	6° 0	6°58	0°25	n.a.	T 14
W15	11 19 29	21°49'29	20°41	24°56	8° 2	28°43	20°24	13°48	14°46	20°11	25°38	5°51	6°55	0°31	n.a.	W15
T 16	11 23 26	22°48'10	4♉24	25°42	8°47	29°29	20°29	13°48	14°46	20° 9	25°37	5°45	6°52	0°38	n.a.	T 16
F 17	11 27 23	23°46'48	18°16	26°31	9°33	0♓16	20°34	13°48	14°46	20° 8	25°37	5°41	6°48	0°45	n.a.	F 17
S 18	11 31 19	24°45'25	2♊13	27°24	10°19	1° 2	20°40	13°D48	14°47	20° 6	25°36	5°D40	6°45	0°51	n.a.	S 18
S 19	11 35 16	25°43'59	16°15	28°19	11° 6	1°48	20°45	13°48	14°47	20° 4	25°35	5°40	6°42	0°58	n.a.	S 19
M20	11 39 12	26°42'31	0♋21	29°17	11°55	2°35	20°51	13°48	14°47	20° 3	25°35	5°R40	6°39	1° 4	n.a.	M20
T 21	11 43 9	27°41'01	14°30	0♓19	12°43	3°21	20°57	13°48	14°47	20° 1	25°34	5°39	6°36	1°11	n.a.	T 21
W22	11 47 5	28°39'28	28°42	1°23	13°33	4° 7	21° 3	13°49	14°R47	20° 0	25°34	5°36	6°32	1°18	n.a.	W22
T 23	11 51 2	29°37'53	12♌53	2°29	14°23	4°53	21° 9	13°49	14°47	19°58	25°33	5°30	6°29	1°24	n.a.	T 23
F 24	11 54 58	0♈36'16	27° 0	3°38	15°14	5°39	21°15	13°50	14°47	19°56	25°33	5°22	6°26	1°31	n.a.	F 24
S 25	11 58 55	1°34'36	10♍59	4°50	16° 6	6°25	21°22	13°50	14°47	19°55	25°32	5°13	6°23	1°38	n.a.	S 25
S 26	12 2 52	2°32'55	24°46	6° 4	16°58	7°11	21°28	13°51	14°47	19°53	25°32	5° 2	6°20	1°44	n.a.	S 26
M27	12 6 48	3°31'11	8♎17	7°20	17°51	7°57	21°35	13°52	14°47	19°51	25°31	4°52	6°17	1°51	n.a.	M27
T 28	12 10 45	4°29'26	21°29	8°38	18°45	8°43	21°42	13°53	14°46	19°50	25°31	4°44	6°13	1°58	n.a.	T 28
W29	12 14 41	5°27'39	4♏22	9°59	19°39	9°29	21°49	13°54	14°46	19°48	25°31	4°38	6°10	2° 4	n.a.	W29
T 30	12 18 38	6°25'50	16°55	11°21	20°33	10°15	21°56	13°55	14°46	19°47	25°30	4°34	6° 7	2°11	n.a.	T 30
F 31	12 22 34	7♈24'00	29♏12	12♓46	21♒28	11♓ 1	22♊ 3	13♋56	14♐45	19♍45	25♋30	4°D32	6♊ 4	2♑18	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	8s38	7s14	3n18	12s30	1n53	15s36	4n59	16s44	1s 8	23n33	0n16	23n34	0n38	22s54	0s 6	5n24	1n46	31n 2	10n 1	21n46	21n49	25s34		n.a.	
T 2	8 16	12 25	2 23	12 52	1 38	15 40	4 49	16 29	1 8	23 33	0 16	23 34	0 38	22 54	0 6	5 24	1 46	31 2	10 1	21 45	21 49	25 35		n.a.	
F 3	7 53	16 58	1 23	13 12	1 23	15 43	4 40	16 14	1 8	23 34	0 16	23 35	0 38	22 54	0 6	5 25	1 46	31 2	10 1	21 45	21 48	25 36		n.a.	
S 4	7 30	20 44	0 20	13 30	1 8	15 46	4 30	16 0	1 8	23 34	0 16	23 35	0 38	22 55	0 6	5 26	1 46	31 2	10 1	21 45	21 48	25 37		n.a.	
S 5	7 8	23 35	0s43	13 46	0 53	15 48	4 20	15 45	1 8	23 34	0 16	23 35	0 38	22 55	0 6	5 26	1 46	31 2	10 0	21 45	21 47	25 38		n.a.	
M 6	6 45	25 23	1 43	13 59	0 38	15 50	4 11	15 29	1 8	23 35	0 17	23 35	0 38	22 55	0 6	5 27	1 46	31 2	10 0	21 45	21 47	25 38		n.a.	
T 7	6 22	26 3	2 40	14 11	0 23	15 52	4 1	15 14	1 8	23 35	0 17	23 35	0 38	22 55	0 6	5 28	1 46	31 2	10 0	21 45	21 46	25 39		n.a.	
W 8	5 59	25 30	3 29	14 21	0 9	15 53	3 52	14 59	1 8	23 35	0 17	23 36	0 38	22 55	0 6	5 28	1 46	31 2	10 0	21 44	21 46	25 40		n.a.	
T 9	5 36	23 46	4 10	14 28	0s 4	15 53	3 42	14 43	1 8	23 36	0 17	23 36	0 38	22 55	0 6	5 29	1 46	31 2	10 0	21 43	21 45	25 41		n.a.	
F 10	5 13	20 53	4 40	14 34	0 17	15 53	3 33	14 27	1 8	23 36	0 17	23 36	0 38	22 55	0 6	5 30	1 46	31 2	10 0	21 41	21 45	25 42		n.a.	
S 11	4 50	17 0	4 57	14 37	0 30	15 53	3 24	14 11	1 8	23 36	0 17	23 36	0 38	22 55	0 6	5 30	1 46	31 2	10 0	21 39	21 44	25 43		n.a.	
S 12	4 27	12 16	5 0	14 39	0 42	15 51	3 15	13 55	1 8	23 37	0 17	23 36	0 38	22 55	0 6	5 31	1 46	31 2	9 59	21 37	21 44	25 43		n.a.	
M13	4 3	6 53	4 47	14 38	0 53	15 50	3 6	13 39	1 8	23 37	0 17	23 36	0 38	22 55	0 6	5 32	1 46	31 2	9 59	21 34	21 43	25 44		n.a.	
T 14	3 40	1 5	4 18	14 36	1 4	15 48	2 57	13 23	1 8	23 38	0 17	23 36	0 38	22 55	0 6	5 32	1 46	31 2	9 59	21 32	21 43	25 45		n.a.	
W15	3 17	4n51	3 34	14 31	1 15	15 45	2 48	13 7	1 8	23 38	0 17	23 36	0 38	22 56	0 7	5 33	1 46	31 2	9 59	21 31	21 42	25 46		n.a.	
T 16	2 53	10 39	2 38	14 25	1 24	15 41	2 40	12 50	1 8	23 38	0 17	23 36	0 38	22 56	0 7	5 34	1 46	31 2	9 59	21 30	21 41	25 47		n.a.	
F 17	2 30	16 0	1 31	14 16	1 33	15 38	2 31	12 34	1 8	23 39	0 17	23 37	0 38	22 56	0 7	5 34	1 46	31 2	9 59	21 29	21 41	25 47		n.a.	
S 18	2 6	20 32	0 18	14 6	1 42	15 33	2 23	12 17	1 8	23 39	0 17	23 37	0 38	22 56	0 7	5 35	1 46	31 2	9 58	21 29	21 40	25 48		n.a.	
S 19	1 43	23 54	0n56	13 54	1 50	15 28	2 15	12 0	1 8	23 40	0 17	23 37	0 38	22 56	0 7	5 36	1 46	31 2	9 58	21 29	21 40	25 49		n.a.	
M20	1 19	25 49	2 7	13 40	1 57	15 23	2 6	11 43	1 8	23 40	0 17	23 37	0 38	22 56	0 7	5 36	1 46	31 2	9 58	21 29	21 39	25 50		n.a.	
T 21	0 56	26 4	3 11	13 25	2 4	15 17	1 58	11 26	1 8	23 41	0 18	23 37	0 38	22 56	0 7	5 37	1 46	31 2	9 58	21 29	21 39	25 50		n.a.	
W22	0 32	24 36	4 3	13 7	2 10	15 10	1 50	11 9	1 8	23 41	0 18	23 37	0 38	22 56	0 7	5 37	1 46	31 2	9 58	21 28	21 38	25 51		n.a.	
T 23	0 9	21 36	4 40	12 48	2 15	15 3	1 43	10 52	1 8	23 42	0 18	23 37	0 38	22 56	0 7	5 38	1 46	31 2	9 58	21 27	21 38	25 52		n.a.	
F 24	0n15	17 20	5 0	12 27	2 20	14 56	1 35	10 35	1 8	23 42	0 18	23 37	0 38	22 56	0 7	5 39	1 46	31 2	9 57	21 26	21 37	25 53		n.a.	
S 25	0 38	12 10	5 2	12 5	2 25	14 48	1 27	10 18	1 7	23 43	0 18	23 37	0 38	22 56	0 7	5 39	1 46	31 2	9 57	21 24	21 37	25 53		n.a.	
S 26	1 1	6 28	4 46	11 41	2 28	14 39	1 20	10 0	1 7	23 43	0 18	23 36	0 38	22 56	0 7	5 40	1 46	31 2	9 57	21 22	21 36	25 54		n.a.	
M27	1 25	0 34	4 14	11 15	2 32	14 30	1 13	9 43	1 7	23 44	0 18	23 36	0 38	22 56	0 7	5 41	1 46	31 2	9 57	21 20	21 35	25 55		n.a.	
T 28	1 48	5s14	3 29	10 48	2 34	14 20	1 6	9 25	1 7	23 44	0 18	23 36	0 39	22 56	0 7	5 41	1 46	31 1	9 57	21 19	21 35	25 55		n.a.	
W29	2 12	10 42	2 34	10 19	2 36	14 10	0 59	9 8	1 7	23 45	0 18	23 36	0 39	22 56	0 7	5 42	1 46	31 1	9 56	21 18	21 34	25 56		n.a.	
T 30	2 35	15 35	1 33	9 49	2 38	13 59	0 52	8 50	1 7	23 45	0 18	23 36	0 39	22 56	0 7	5 42	1 46	31 1	9 56	21 17	21 34	25 57		n.a.	
F 31	2n58	19s44	0n29	9s17	2s39	13s48	0n45	8s32	1s 7	23n46	0n18	23n36	0n39	22s56	0s 7	5n43	1n46	31n 1	9n56	21n17	21n33	25s57		n.a.	

Julian Day Number = 1711620.5, Delta T = 03h00m26s
Ecliptic obliquity = 23°41'58, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°25'59, Lahiri = - 4°18'58 Julian Calendar 1 March 27 BCE == Greg. Calendar 27 Feb. 027 BCE

The year -26 astronomical counting style corresponds to year 027 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 27 BCE
geocentric

APRIL 27 BCE (-26) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 26 31	8♈22'08	11♐15	14♓13	22♒24	11♓46	22♊10	13♋58	14°R45	19°R44	25°R30	4♊32	6♊ 1	2♑24	n.a.	S 1
S 2	12 30 27	9°20'15	23° 9	15°41	23°20	12°32	22°18	13°59	14♐44	19♍42	25♋30	4°33	5°58	2°31	n.a.	S 2
M 3	12 34 24	10°18'20	4♑59	17°12	24°16	13°18	22°26	14° 1	14°44	19°41	25°29	4°R34	5°54	2°38	n.a.	M 3
T 4	12 38 21	11°16'23	16°49	18°45	25°13	14° 3	22°33	14° 3	14°43	19°39	25°29	4°34	5°51	2°44	n.a.	T 4
W 5	12 42 17	12°14'25	28°46	20°19	26°11	14°49	22°41	14° 4	14°42	19°38	25°29	4°32	5°48	2°51	n.a.	W 5
T 6	12 46 14	13°12'26	10♒54	21°56	27° 9	15°35	22°49	14° 6	14°42	19°36	25°29	4°29	5°45	2°58	n.a.	T 6
F 7	12 50 10	14°10'25	23°17	23°34	28° 7	16°20	22°58	14° 8	14°41	19°35	25°29	4°23	5°42	3° 4	n.a.	F 7
S 8	12 54 7	15° 8'23	5♓59	25°14	29° 5	17° 6	23° 6	14°11	14°40	19°33	25°29	4°16	5°38	3°11	n.a.	S 8
S 9	12 58 3	16° 6'19	19° 1	26°57	0♓ 4	17°51	23°14	14°13	14°39	19°32	25°29	4° 8	5°35	3°18	n.a.	S 9
M10	13 2 0	17° 4'13	2♈23	28°41	1° 4	18°36	23°23	14°15	14°38	19°30	25°D29	4° 0	5°32	3°24	n.a.	M10
T 11	13 5 56	18° 2'07	16° 4	0♈27	2° 3	19°22	23°31	14°18	14°37	19°29	25°29	3°53	5°29	3°31	n.a.	T 11
W12	13 9 53	18°59'58	0♉ 2	2°15	3° 4	20° 7	23°40	14°20	14°36	19°28	25°29	3°47	5°26	3°38	n.a.	W12
T 13	13 13 49	19°57'48	14°10	4° 5	4° 4	20°52	23°49	14°23	14°35	19°26	25°29	3°43	5°23	3°44	n.a.	T 13
F 14	13 17 46	20°55'36	28°27	5°57	5° 5	21°37	23°58	14°25	14°34	19°25	25°29	3°D42	5°19	3°51	n.a.	F 14
S 15	13 21 43	21°53'23	12♊46	7°50	6° 5	22°22	24° 7	14°28	14°33	19°23	25°29	3°42	5°16	3°58	n.a.	S 15
S 16	13 25 39	22°51'08	27° 5	9°46	7° 7	23° 7	24°16	14°31	14°32	19°22	25°29	3°43	5°13	4° 4	n.a.	S 16
M17	13 29 36	23°48'51	11♋20	11°44	8° 8	23°52	24°26	14°34	14°31	19°21	25°30	3°44	5°10	4°11	n.a.	M17
T 18	13 33 32	24°46'33	25°30	13°43	9°10	24°37	24°35	14°37	14°30	19°20	25°30	3°R45	5° 7	4°18	n.a.	T 18
W19	13 37 29	25°44'12	9♌33	15°44	10°12	25°22	24°45	14°40	14°28	19°18	25°30	3°44	5° 3	4°24	n.a.	W19
T 20	13 41 25	26°41'50	23°27	17°47	11°14	26° 7	24°54	14°44	14°27	19°17	25°30	3°42	5° 0	4°31	n.a.	T 20
F 21	13 45 22	27°39'27	7♍12	19°51	12°17	26°52	25° 4	14°47	14°26	19°16	25°31	3°38	4°57	4°38	n.a.	F 21
S 22	13 49 19	28°37'01	20°46	21°58	13°20	27°37	25°14	14°51	14°24	19°15	25°31	3°33	4°54	4°44	n.a.	S 22
S 23	13 53 15	29°34'34	4♎ 6	24° 5	14°23	28°21	25°24	14°54	14°23	19°14	25°31	3°27	4°51	4°51	n.a.	S 23
M24	13 57 12	0♉32'06	17°13	26°14	15°26	29° 6	25°34	14°58	14°21	19°12	25°32	3°22	4°48	4°58	n.a.	M24
T 25	14 1 8	1°29'37	0♏ 5	28°23	16°30	29°51	25°44	15° 2	14°20	19°11	25°32	3°18	4°44	5° 4	n.a.	T 25
W26	14 5 5	2°27'06	12°42	0♉34	17°33	0♈35	25°54	15° 5	14°18	19°10	25°33	3°15	4°41	5°11	n.a.	W26
T 27	14 9 1	3°24'34	25° 5	2°45	18°37	1°20	26° 4	15° 9	14°17	19° 9	25°33	3°13	4°38	5°18	n.a.	T 27
F 28	14 12 58	4°22'01	7♐15	4°57	19°42	2° 4	26°15	15°13	14°15	19° 8	25°34	3°D13	4°35	5°24	n.a.	F 28
S 29	14 16 54	5°19'27	19°15	7° 8	20°46	2°48	26°25	15°17	14°13	19° 7	25°34	3°14	4°32	5°31	n.a.	S 29
S 30	14 20 51	6♉16'53	1♑ 8	9♉20	21♓50	3♈33	26♊36	15♋22	14♐12	19♍ 6	25♋35	3♊15	4♊29	5♑38	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	3n21	22s58	0s36	8s43	2s39	13s36	0n38	8s15	1s 7	23n46	0n18	23n36	0n39	22s56	0s 7	5n44	1n46	31n 1	9n56	21n17	21n33	25s58			n.a.
S 2	3 44	25 9	1 38	8 8	2 39	13 23	0 32	7 57	1 6	23 47	0 18	23 36	0 39	22 56	0 7	5 44	1 46	31 1	9 56	21 17	21 32	25 59			n.a.
M 3	4 7	26 12	2 36	7 31	2 38	13 11	0 25	7 39	1 6	23 47	0 18	23 36	0 39	22 56	0 7	5 45	1 46	31 1	9 55	21 17	21 32	25 59			n.a.
T 4	4 30	26 3	3 27	6 54	2 36	12 57	0 19	7 21	1 6	23 48	0 18	23 35	0 39	22 56	0 7	5 45	1 46	31 0	9 55	21 17	21 31	26 0			n.a.
W 5	4 53	24 42	4 10	6 14	2 34	12 44	0 13	7 3	1 6	23 48	0 19	23 35	0 39	22 55	0 7	5 46	1 46	31 0	9 55	21 17	21 30	26 1			n.a.
T 6	5 16	22 12	4 42	5 33	2 32	12 29	0 7	6 45	1 6	23 49	0 19	23 35	0 39	22 55	0 7	5 47	1 46	31 0	9 55	21 16	21 30	26 1			n.a.
F 7	5 39	18 38	5 2	4 51	2 29	12 15	0 1	6 27	1 5	23 49	0 19	23 35	0 39	22 55	0 7	5 47	1 46	31 0	9 55	21 15	21 29	26 2			n.a.
S 8	6 2	14 10	5 7	4 8	2 25	11 59	0s 5	6 9	1 5	23 50	0 19	23 35	0 39	22 55	0 7	5 48	1 46	31 0	9 54	21 14	21 29	26 3			n.a.
S 9	6 24	8 56	4 57	3 23	2 21	11 44	0 10	5 51	1 5	23 50	0 19	23 35	0 39	22 55	0 7	5 48	1 46	30 59	9 54	21 12	21 28	26 3			n.a.
M10	6 47	3 10	4 31	2 36	2 16	11 28	0 16	5 33	1 5	23 51	0 19	23 34	0 39	22 55	0 7	5 49	1 46	30 59	9 54	21 11	21 28	26 4			n.a.
T 11	7 9	2n53	3 49	1 49	2 11	11 11	0 21	5 15	1 5	23 51	0 19	23 34	0 39	22 55	0 7	5 49	1 46	30 59	9 54	21 9	21 27	26 4			n.a.
W12	7 31	8 55	2 52	1 0	2 5	10 54	0 26	4 56	1 4	23 52	0 19	23 34	0 39	22 55	0 7	5 50	1 46	30 59	9 53	21 8	21 26	26 5			n.a.
T 13	7 53	14 37	1 44	0 10	1 59	10 37	0 31	4 38	1 4	23 52	0 19	23 34	0 39	22 55	0 7	5 50	1 46	30 59	9 53	21 8	21 26	26 6			n.a.
F 14	8 15	19 34	0 28	0n41	1 52	10 19	0 36	4 20	1 4	23 53	0 19	23 33	0 39	22 55	0 7	5 51	1 46	30 58	9 53	21 7	21 25	26 6			n.a.
S 15	8 37	23 23	0n49	1 33	1 45	10 1	0 41	4 2	1 4	23 53	0 19	23 33	0 39	22 55	0 7	5 51	1 46	30 58	9 53	21 7	21 25	26 7			n.a.
S 16	8 59	25 43	2 4	2 26	1 37	9 42	0 46	3 43	1 3	23 54	0 19	23 33	0 39	22 54	0 7	5 52	1 45	30 58	9 53	21 7	21 24	26 7			n.a.
M17	9 20	26 22	3 10	3 20	1 29	9 23	0 50	3 25	1 3	23 54	0 19	23 32	0 39	22 54	0 7	5 52	1 45	30 58	9 52	21 8	21 24	26 8			n.a.
T 18	9 42	25 16	4 5	4 15	1 20	9 4	0 55	3 7	1 3	23 55	0 19	23 32	0 39	22 54	0 7	5 53	1 45	30 57	9 52	21 8	21 23	26 8			n.a.
W19	10 3	22 36	4 44	5 10	1 11	8 44	0 59	2 49	1 2	23 55	0 19	23 32	0 39	22 54	0 7	5 53	1 45	30 57	9 52	21 8	21 22	26 9			n.a.
T 20	10 24	18 39	5 6	6 6	1 1	8 24	1 3	2 30	1 2	23 55	0 19	23 31	0 39	22 54	0 7	5 54	1 45	30 57	9 52	21 7	21 22	26 10			n.a.
F 21	10 45	13 45	5 10	7 3	0 52	8 4	1 7	2 12	1 2	23 56	0 19	23 31	0 39	22 54	0 7	5 54	1 45	30 57	9 52	21 6	21 21	26 10			n.a.
S 22	11 6	8 15	4 57	8 0	0 42	7 43	1 11	1 54	1 2	23 56	0 20	23 31	0 39	22 54	0 7	5 55	1 45	30 56	9 51	21 5	21 21	26 11			n.a.
S 23	11 27	2 27	4 28	8 57	0 31	7 22	1 15	1 36	1 1	23 57	0 20	23 30	0 39	22 53	0 7	5 55	1 45	30 56	9 51	21 4	21 20	26 11			n.a.
M24	11 47	3s22	3 45	9 54	0 21	7 0	1 19	1 17	1 1	23 57	0 20	23 30	0 39	22 53	0 7	5 56	1 45	30 56	9 51	21 3	21 20	26 12			n.a.
T 25	12 7	8 57	2 51	10 51	0 11	6 39	1 22	0 59	1 1	23 58	0 20	23 29	0 39	22 53	0 7	5 56	1 45	30 55	9 51	21 3	21 19	26 12			n.a.
W26	12 27	14 4	1 50	11 48	0n 0	6 17	1 26	0 41	1 0	23 58	0 20	23 29	0 39	22 53	0 7	5 56	1 45	30 55	9 51	21 2	21 18	26 13			n.a.
T 27	12 47	18 31	0 44	12 43	0 11	5 55	1 29	0 23	1 0	23 58	0 20	23 29	0 39	22 53	0 7	5 57	1 45	30 55	9 50	21 2	21 18	26 13			n.a.
F 28	13 7	22 7	0s22	13 38	0 21	5 32	1 32	0 5	1 0	23 59	0 20	23 28	0 39	22 53	0 7	5 57	1 45	30 55	9 50	21 2	21 17	26 14			n.a.
S 29	13 26	24 42	1 27	14 32	0 31	5 9	1 35	0n13	0 59	23 59	0 20	23 28	0 39	22 52	0 7	5 58	1 45	30 54	9 50	21 2	21 17	26 14			n.a.
S 30	13n46	26s 9	2s27	15n25	0n42	4s46	1s38	0n32	0s59	23n59	0n20	23n27	0n39	22s52	0s 7	5n58	1n45	30n54	9n50	21n 2	21n16	26s15			n.a.

Julian Day Number = 1711651.5, Delta T = 03h00m25s
Ecliptic obliquity = 23°41'58, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°25'55, Lahiri = - 4°18'54 Julian Calendar 1 Apr. 27 BCE == Greg. Calendar 30 March 027 BCE

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ASTRODIENST EPHEMERIS for the year 27 BCE
geocentric

MAY 27 BCE (-26) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 24 48	7♉14'17	12♋57	11♉31	22♓55	4♈17	26♊46	15♋26	14°R10	19°R 5	25♋35	3♊17	4♊25	5♋44	n.a.	M 1
T 2	14 28 44	8°11'41	24°48	13°41	24° 0	5° 1	26°57	15°30	14♐ 8	19♍ 4	25°36	3°18	4°22	5°51	n.a.	T 2
W 3	14 32 41	9° 9'04	6♒45	15°50	25° 5	5°45	27° 8	15°35	14° 6	19° 3	25°37	3°R19	4°19	5°58	n.a.	W 3
T 4	14 36 37	10° 6'26	18°54	17°58	26°11	6°29	27°19	15°39	14° 4	19° 2	25°37	3°19	4°16	6° 4	n.a.	T 4
F 5	14 40 34	11° 3'47	1♓17	20° 5	27°16	7°13	27°29	15°44	14° 2	19° 1	25°38	3°17	4°13	6°11	n.a.	F 5
S 6	14 44 30	12° 1'08	14° 0	22°10	28°22	7°57	27°41	15°48	14° 1	19° 1	25°39	3°15	4° 9	6°18	n.a.	S 6
S 7	14 48 27	12°58'28	27° 5	24°13	29°27	8°41	27°52	15°53	13°59	19° 0	25°39	3°13	4° 6	6°24	n.a.	S 7
M 8	14 52 23	13°55'47	10♈35	26°14	0♈33	9°25	28° 3	15°58	13°57	18°59	25°40	3°10	4° 3	6°31	n.a.	M 8
T 9	14 56 20	14°53'05	24°27	28°14	1°40	10° 9	28°14	16° 3	13°55	18°58	25°41	3° 7	4° 0	6°38	n.a.	T 9
W10	15 0 16	15°50'23	8♉41	0♊11	2°46	10°53	28°25	16° 8	13°53	18°57	25°42	3° 6	3°57	6°44	n.a.	W10
T 11	15 4 13	16°47'41	23°11	2° 5	3°52	11°36	28°37	16°13	13°51	18°57	25°43	3° 5	3°54	6°51	n.a.	T 11
F 12	15 8 10	17°44'57	7♊52	3°57	4°59	12°20	28°48	16°18	13°48	18°56	25°44	3°D 4	3°50	6°58	n.a.	F 12
S 13	15 12 6	18°42'13	22°36	5°47	6° 5	13° 4	29° 0	16°23	13°46	18°55	25°44	3° 5	3°47	7° 4	n.a.	S 13
S 14	15 16 3	19°39'28	7♋18	7°35	7°12	13°47	29°11	16°28	13°44	18°55	25°45	3° 6	3°44	7°11	n.a.	S 14
M15	15 19 59	20°36'42	21°52	9°20	8°19	14°31	29°23	16°34	13°42	18°54	25°46	3° 7	3°41	7°18	n.a.	M15
T 16	15 23 56	21°33'55	6♌13	11° 2	9°26	15°14	29°35	16°39	13°40	18°54	25°47	3° 8	3°38	7°24	n.a.	T 16
W17	15 27 52	22°31'07	20°18	12°42	10°33	15°57	29°46	16°44	13°38	18°53	25°48	3°R 8	3°35	7°31	n.a.	W17
T 18	15 31 49	23°28'19	4♍ 7	14°20	11°41	16°40	29°58	16°50	13°35	18°53	25°49	3° 8	3°31	7°38	n.a.	T 18
F 19	15 35 46	24°25'29	17°39	15°55	12°48	17°24	0♋10	16°56	13°33	18°52	25°50	3° 7	3°28	7°44	n.a.	F 19
S 20	15 39 42	25°22'39	0♎54	17°27	13°55	18° 7	0°22	17° 1	13°31	18°52	25°51	3° 6	3°25	7°51	n.a.	S 20
S 21	15 43 39	26°19'48	13°53	18°57	15° 3	18°50	0°34	17° 7	13°29	18°51	25°53	3° 6	3°22	7°58	n.a.	S 21
M22	15 47 35	27°16'56	26°38	20°24	16°11	19°33	0°46	17°13	13°26	18°51	25°54	3° 5	3°19	8° 4	n.a.	M22
T 23	15 51 32	28°14'04	9♏10	21°49	17°19	20°16	0°58	17°19	13°24	18°50	25°55	3° 4	3°15	8°11	n.a.	T 23
W24	15 55 28	29°11'12	21°30	23°11	18°27	20°59	1°10	17°24	13°22	18°50	25°56	3° 4	3°12	8°18	n.a.	W24
T 25	15 59 25	0♊ 8'19	3♐40	24°30	19°35	21°41	1°23	17°30	13°19	18°50	25°57	3°D 4	3° 9	8°24	n.a.	T 25
F 26	16 3 21	1° 5'26	15°41	25°46	20°43	22°24	1°35	17°36	13°17	18°50	25°58	3° 4	3° 6	8°31	n.a.	F 26
S 27	16 7 18	2° 2'32	27°36	27° 0	21°51	23° 7	1°47	17°42	13°15	18°49	26° 0	3° 4	3° 3	8°38	n.a.	S 27
S 28	16 11 15	2°59'39	9♑27	28°11	23° 0	23°49	2° 0	17°49	13°12	18°49	26° 1	3°R 4	3° 0	8°44	n.a.	S 28
M29	16 15 11	3°56'46	21°16	29°19	24° 8	24°32	2°12	17°55	13°10	18°49	26° 2	3° 4	2°56	8°51	n.a.	M29
T 30	16 19 8	4°53'52	3♒ 8	0♋24	25°17	25°14	2°24	18° 1	13° 8	18°49	26° 4	3° 4	2°53	8°58	n.a.	T 30
W31	16 23 4	5♊50'59	15♒ 5	1♋26	26♈25	25♈57	2♋37	18♋ 7	13♐ 5	18♍49	26♋ 5	3♊ 4	2♊50	9♑ 4	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	14n 5	26s24	3s21	16n16	0n51	4s23	1s41	0n50	0s58	24n 0	0n20	23n27	0n39	22s52	0s 7	5n58	1n45	30n54	9n49	21n 2	21n15	26s15			n.a.
T 2	14 23	25 26	4 7	17 5	1 1	3 59	1 43	1 8	0 58	24 0	0 20	23 26	0 39	22 52	0 7	5 59	1 45	30 53	9 49	21 3	21 15	26 15			n.a.
W 3	14 42	23 19	4 42	17 52	1 10	3 35	1 46	1 26	0 58	24 0	0 20	23 26	0 39	22 52	0 7	5 59	1 45	30 53	9 49	21 3	21 14	26 16			n.a.
T 4	15 0	20 9	5 5	18 37	1 18	3 11	1 48	1 44	0 57	24 1	0 20	23 25	0 39	22 51	0 7	5 59	1 45	30 53	9 49	21 3	21 14	26 16			n.a.
F 5	15 19	16 1	5 15	19 20	1 26	2 47	1 51	2 2	0 57	24 1	0 20	23 25	0 39	22 51	0 7	6 0	1 45	30 52	9 49	21 2	21 13	26 17			n.a.
S 6	15 36	11 6	5 9	20 1	1 33	2 23	1 53	2 20	0 57	24 1	0 20	23 24	0 40	22 51	0 7	6 0	1 45	30 52	9 48	21 2	21 12	26 17			n.a.
S 7	15 54	5 34	4 48	20 39	1 40	1 58	1 55	2 37	0 56	24 1	0 20	23 24	0 40	22 51	0 7	6 0	1 45	30 52	9 48	21 2	21 12	26 18			n.a.
M 8	16 12	0n24	4 11	21 14	1 46	1 34	1 57	2 55	0 56	24 2	0 21	23 23	0 40	22 51	0 7	6 1	1 45	30 51	9 48	21 1	21 11	26 18			n.a.
T 9	16 29	6 31	3 17	21 47	1 52	1 9	1 59	3 13	0 55	24 2	0 21	23 23	0 40	22 50	0 7	6 1	1 45	30 51	9 48	21 1	21 11	26 18			n.a.
W10	16 46	12 29	2 11	22 18	1 56	0 44	2 0	3 31	0 55	24 2	0 21	23 22	0 40	22 50	0 7	6 1	1 45	30 51	9 48	21 0	21 10	26 19			n.a.
T 11	17 2	17 54	0 54	22 46	2 0	0 19	2 2	3 48	0 54	24 2	0 21	23 22	0 40	22 50	0 7	6 1	1 45	30 50	9 48	21 0	21 9	26 19			n.a.
F 12	17 19	22 18	0n26	23 11	2 3	0n 7	2 3	4 6	0 54	24 2	0 21	23 21	0 40	22 50	0 7	6 1	1 45	30 50	9 47	21 0	21 9	26 20			n.a.
S 13	17 35	25 15	1 46	23 34	2 6	0 32	2 5	4 23	0 54	24 3	0 21	23 20	0 40	22 49	0 7	6 2	1 45	30 49	9 47	21 0	21 8	26 20			n.a.
S 14	17 50	26 28	2 58	23 55	2 8	0 58	2 6	4 41	0 53	24 3	0 21	23 20	0 40	22 49	0 7	6 2	1 44	30 49	9 47	21 0	21 8	26 20			n.a.
M15	18 6	25 49	3 58	24 13	2 9	1 23	2 7	4 58	0 53	24 3	0 21	23 19	0 40	22 49	0 7	6 2	1 44	30 49	9 47	21 0	21 7	26 21			n.a.
T 16	18 21	23 29	4 43	24 28	2 9	1 49	2 8	5 16	0 52	24 3	0 21	23 18	0 40	22 49	0 7	6 2	1 44	30 48	9 47	21 1	21 6	26 21			n.a.
W17	18 36	19 45	5 9	24 42	2 9	2 15	2 9	5 33	0 52	24 3	0 21	23 18	0 40	22 48	0 7	6 2	1 44	30 48	9 46	21 1	21 6	26 21			n.a.
T 18	18 51	15 0	5 17	24 53	2 8	2 41	2 10	5 50	0 51	24 3	0 21	23 17	0 40	22 48	0 7	6 3	1 44	30 48	9 46	21 1	21 5	26 22			n.a.
F 19	19 5	9 38	5 7	25 2	2 6	3 6	2 11	6 7	0 51	24 3	0 21	23 16	0 40	22 48	0 7	6 3	1 44	30 47	9 46	21 1	21 5	26 22			n.a.
S 20	19 19	3 55	4 40	25 9	2 3	3 32	2 11	6 24	0 50	24 3	0 21	23 16	0 40	22 48	0 7	6 3	1 44	30 47	9 46	21 0	21 4	26 22			n.a.
S 21	19 33	1s51	4 0	25 14	2 0	3 58	2 12	6 41	0 50	24 3	0 21	23 15	0 40	22 47	0 7	6 3	1 44	30 46	9 46	21 0	21 3	26 23			n.a.
M22	19 46	7 27	3 9	25 17	1 56	4 24	2 12	6 58	0 49	24 3	0 21	23 14	0 40	22 47	0 7	6 3	1 44	30 46	9 46	21 0	21 3	26 23			n.a.
T 23	19 59	12 40	2 9	25 18	1 51	4 50	2 12	7 15	0 49	24 3	0 22	23 14	0 40	22 47	0 7	6 3	1 44	30 46	9 45	21 0	21 2	26 23			n.a.
W24	20 12	17 19	1 4	25 17	1 46	5 16	2 13	7 32	0 48	24 3	0 22	23 13	0 40	22 46	0 7	6 3	1 44	30 45	9 45	21 0	21 2	26 24			n.a.
T 25	20 24	21 10	0s 3	25 15	1 40	5 42	2 13	7 48	0 48	24 3	0 22	23 12	0 40	22 46	0 7	6 3	1 44	30 45	9 45	21 0	21 1	26 24			n.a.
F 26	20 36	24 4	1 10	25 12	1 34	6 8	2 13	8 5	0 47	24 3	0 22	23 11	0 40	22 46	0 7	6 3	1 44	30 44	9 45	21 0	21 0	26 24			n.a.
S 27	20 48	25 53	2 12	25 6	1 27	6 33	2 13	8 21	0 47	24 3	0 22	23 11	0 40	22 46	0 8	6 3	1 44	30 44	9 45	21 0	21 0	26 24			n.a.
S 28	20 59	26 30	3 9	25 0	1 19	6 59	2 12	8 38	0 46	24 3	0 22	23 10	0 40	22 45	0 8	6 3	1 44	30 44	9 45	21 0	20 59	26 25			n.a.
M29	21 10	25 54	3 57	24 52	1 10	7 25	2 12	8 54	0 46	24 3	0 22	23 9	0 40	22 45	0 8	6 3	1 44	30 43	9 44	21 0	20 58	26 25			n.a.
T 30	21 21	24 7	4 35	24 43	1 1	7 51	2 12	9 10	0 45	24 3	0 22	23 8	0 40	22 45	0 8	6 4	1 44	30 43	9 44	21 0	20 58	26 25			n.a.
W31	21n31	21s17	5s 2	24n33	0n52	8n16	2s11	9n26	0s45	24n 2	0n22	23n 7	0n40	22s44	0s 8	6n 3	1n44	30n42	9n44	21n 0	20n57	26s25			n.a.

Julian Day Number = 1711681.5, Delta T = 03h00m25s
Ecliptic obliquity = 23°41'58, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°25'50, Lahiri = - 4°18'50 Julian Calendar 1 May 27 BCE == Greg. Calendar 29 Apr. 027 BCE

The year -26 astronomical counting style corresponds to year 027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 27 BCE
geocentric

JUNE 27 BCE (-26) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 27 1	6♊48'06	27♒13	2♋24	27♈34	26♈39	2♋49	18♋14	13°R 3	18°R49	26♋ 6	3°R 3	2♊47	9♉11	n.a.	T 1
F 2	16 30 57	7°45'13	9♓34	3°20	28°43	27°21	3° 2	18°20	13♐ 0	18♍49	26° 8	3°D 3	2°44	9°18	n.a.	F 2
S 3	16 34 54	8°42'20	22°15	4°12	29°52	28° 4	3°15	18°26	12°58	18°D49	26° 9	3♊ 4	2°41	9°24	n.a.	S 3
S 4	16 38 50	9°39'28	5♈17	5° 0	1♉ 1	28°46	3°27	18°33	12°56	18°49	26°10	3° 4	2°37	9°31	n.a.	S 4
M 5	16 42 47	10°36'36	18°44	5°45	2°10	29°28	3°40	18°40	12°53	18°49	26°12	3° 5	2°34	9°38	n.a.	M 5
T 6	16 46 44	11°33'44	2♉37	6°27	3°19	0♉10	3°53	18°46	12°51	18°49	26°13	3° 5	2°31	9°44	n.a.	T 6
W 7	16 50 40	12°30'52	16°56	7° 4	4°29	0°52	4° 5	18°53	12°48	18°49	26°15	3° 6	2°28	9°51	n.a.	W 7
T 8	16 54 37	13°28'01	1♊36	7°38	5°38	1°34	4°18	18°59	12°46	18°49	26°16	3°R 6	2°25	9°58	n.a.	T 8
F 9	16 58 33	14°25'11	16°33	8° 7	6°48	2°16	4°31	19° 6	12°43	18°49	26°18	3° 6	2°21	10° 4	n.a.	F 9
S 10	17 2 30	15°22'20	1♋37	8°32	7°57	2°57	4°44	19°13	12°41	18°50	26°19	3° 5	2°18	10°11	n.a.	S 10
S 11	17 6 26	16°19'30	16°41	8°53	9° 7	3°39	4°57	19°20	12°38	18°50	26°21	3° 4	2°15	10°18	n.a.	S 11
M12	17 10 23	17°16'40	1♌35	9° 9	10°17	4°21	5°10	19°27	12°36	18°50	26°22	3° 2	2°12	10°24	n.a.	M12
T 13	17 14 20	18°13'49	16°13	9°21	11°27	5° 2	5°23	19°33	12°34	18°50	26°24	3° 1	2° 9	10°31	n.a.	T 13
W14	17 18 16	19°10'59	0♍29	9°28	12°36	5°44	5°36	19°40	12°31	18°51	26°25	2°59	2° 6	10°38	n.a.	W14
T 15	17 22 13	20° 8'09	14°21	9°R30	13°46	6°25	5°49	19°47	12°29	18°51	26°27	2°D59	2° 2	10°45	n.a.	T 15
F 16	17 26 9	21° 5'19	27°49	9°27	14°56	7° 6	6° 2	19°54	12°26	18°52	26°29	2°59	1°59	10°51	n.a.	F 16
S 17	17 30 6	22° 2'29	10♎55	9°20	16° 6	7°48	6°15	20° 1	12°24	18°52	26°30	2°59	1°56	10°58	n.a.	S 17
S 18	17 34 2	22°59'39	23°42	9° 8	17°17	8°29	6°28	20° 9	12°22	18°53	26°32	3° 1	1°53	11° 5	n.a.	S 18
M19	17 37 59	23°56'50	6♏12	8°51	18°27	9°10	6°41	20°16	12°19	18°53	26°34	3° 2	1°50	11°11	n.a.	M19
T 20	17 41 55	24°54'01	18°29	8°29	19°37	9°51	6°54	20°23	12°17	18°54	26°35	3° 3	1°47	11°18	n.a.	T 20
W21	17 45 52	25°51'12	0♐35	8° 4	20°48	10°32	7° 7	20°30	12°15	18°54	26°37	3°R 4	1°43	11°25	n.a.	W21
T 22	17 49 49	26°48'24	12°34	7°34	21°58	11°13	7°20	20°37	12°12	18°55	26°39	3° 4	1°40	11°31	n.a.	T 22
F 23	17 53 45	27°45'37	24°28	7° 1	23° 9	11°54	7°33	20°44	12°10	18°55	26°40	3° 2	1°37	11°38	n.a.	F 23
S 24	17 57 42	28°42'50	6♑18	6°24	24°19	12°34	7°46	20°52	12° 8	18°56	26°42	3° 0	1°34	11°45	n.a.	S 24
S 25	18 1 38	29°40'04	18° 8	5°45	25°30	13°15	8° 0	20°59	12° 5	18°57	26°44	2°56	1°31	11°51	n.a.	S 25
M26	18 5 35	0♋37'19	29°59	5° 4	26°41	13°56	8°13	21° 6	12° 3	18°58	26°46	2°51	1°27	11°58	n.a.	M26
T 27	18 9 31	1°34'35	11♒53	4°21	27°52	14°36	8°26	21°14	12° 1	18°58	26°47	2°46	1°24	12° 5	n.a.	T 27
W28	18 13 28	2°31'51	23°54	3°38	29° 2	15°17	8°39	21°21	11°59	18°59	26°49	2°42	1°21	12°11	n.a.	W28
T 29	18 17 24	3°29'09	6♓ 3	2°55	0♊13	15°57	8°52	21°28	11°56	19° 0	26°51	2°38	1°18	12°18	n.a.	T 29
F 30	18 21 21	4♋26'28	18♓24	2♋12	1♊24	16♉37	9♋ 6	21♋36	11♐54	19♍ 1	26♋53	2♊35	1♊15	12♉25	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
T 1	21n41	17s30	5s16	24n22	0n42	8n41	2s11	9n42	0s44	24n 2	0n22	23n 7	0n40	22s44	0s 8	6n 3	1n44	30n42	9n44	21n 0	20n57	26s26			n.a.	T 1
F 2	21 50	12 55	5 15	24 10	0 31	9 7	2 10	9 58	0 44	24 2	0 22	23 6	0 40	22 44	0 8	6 3	1 44	30 42	9 44	21 0	20 56	26 26			n.a.	F 2
S 3	22 0	7 41	5 0	23 58	0 20	9 32	2 9	10 14	0 43	24 2	0 22	23 5	0 40	22 44	0 8	6 3	1 43	30 41	9 44	21 0	20 55	26 26			n.a.	S 3
S 4	22 8	1 59	4 29	23 44	0 8	9 57	2 8	10 30	0 42	24 2	0 22	23 4	0 41	22 43	0 8	6 3	1 43	30 41	9 44	21 0	20 55	26 26			n.a.	S 4
M 5	22 17	4n 0	3 42	23 30	0s 4	10 22	2 7	10 45	0 42	24 1	0 22	23 3	0 41	22 43	0 8	6 3	1 43	30 40	9 44	21 0	20 54	26 27			n.a.	M 5
T 6	22 25	10 0	2 41	23 15	0 17	10 47	2 6	11 1	0 41	24 1	0 23	23 2	0 41	22 43	0 8	6 3	1 43	30 40	9 43	21 0	20 53	26 27			n.a.	T 6
W 7	22 33	15 40	1 28	23 0	0 30	11 11	2 5	11 16	0 41	24 1	0 23	23 1	0 41	22 42	0 8	6 3	1 43	30 40	9 43	21 0	20 53	26 27			n.a.	W 7
T 8	22 40	20 34	0 8	22 45	0 44	11 36	2 4	11 31	0 40	24 0	0 23	23 1	0 41	22 42	0 8	6 3	1 43	30 39	9 43	21 0	20 52	26 27			n.a.	T 8
F 9	22 47	24 14	1n14	22 29	0 58	12 0	2 3	11 46	0 40	24 0	0 23	23 0	0 41	22 42	0 8	6 3	1 43	30 39	9 43	21 0	20 51	26 27			n.a.	F 9
S 10	22 53	26 13	2 31	22 13	1 12	12 24	2 2	12 1	0 39	24 0	0 23	22 59	0 41	22 41	0 8	6 3	1 43	30 38	9 43	21 0	20 51	26 28			n.a.	S 10
S 11	22 59	26 15	3 39	21 58	1 26	12 48	2 0	12 16	0 38	23 59	0 23	22 58	0 41	22 41	0 8	6 3	1 43	30 38	9 43	21 0	20 50	26 28			n.a.	S 11
M12	23 5	24 24	4 30	21 42	1 41	13 11	1 59	12 31	0 38	23 59	0 23	22 57	0 41	22 41	0 8	6 2	1 43	30 37	9 43	21 0	20 50	26 28			n.a.	M12
T 13	23 10	20 57	5 3	21 26	1 56	13 34	1 57	12 46	0 37	23 58	0 23	22 56	0 41	22 41	0 8	6 2	1 43	30 37	9 43	20 59	20 49	26 28			n.a.	T 13
W14	23 15	16 20	5 16	21 11	2 11	13 57	1 55	13 0	0 36	23 58	0 23	22 55	0 41	22 40	0 8	6 2	1 43	30 37	9 43	20 59	20 48	26 28			n.a.	W14
T 15	23 20	10 59	5 10	20 56	2 26	14 20	1 54	13 14	0 36	23 57	0 23	22 54	0 41	22 40	0 8	6 2	1 43	30 36	9 42	20 59	20 48	26 28			n.a.	T 15
F 16	23 24	5 15	4 47	20 41	2 41	14 43	1 52	13 29	0 35	23 57	0 23	22 53	0 41	22 40	0 8	6 2	1 43	30 36	9 42	20 59	20 47	26 28			n.a.	F 16
S 17	23 27	0s33	4 10	20 27	2 55	15 5	1 50	13 43	0 35	23 56	0 23	22 52	0 41	22 39	0 8	6 1	1 43	30 35	9 42	20 59	20 46	26 28			n.a.	S 17
S 18	23 31	6 12	3 20	20 14	3 10	15 27	1 48	13 57	0 34	23 56	0 23	22 51	0 41	22 39	0 8	6 1	1 43	30 35	9 42	20 59	20 46	26 29			n.a.	S 18
M19	23 34	11 29	2 23	20 1	3 23	15 48	1 46	14 11	0 33	23 55	0 24	22 50	0 41	22 39	0 8	6 1	1 43	30 35	9 42	21 0	20 45	26 29			n.a.	M19
T 20	23 36	16 14	1 20	19 49	3 37	16 9	1 44	14 25	0 33	23 55	0 24	22 49	0 41	22 38	0 8	6 1	1 43	30 34	9 42	21 0	20 44	26 29			n.a.	T 20
W21	23 38	20 16	0 14	19 38	3 49	16 30	1 42	14 38	0 32	23 54	0 24	22 48	0 41	22 38	0 8	6 0	1 43	30 34	9 42	21 0	20 44	26 29			n.a.	W21
T 22	23 40	23 25	0s52	19 29	4 1	16 51	1 40	14 52	0 31	23 53	0 24	22 47	0 41	22 38	0 8	6 0	1 43	30 33	9 42	21 0	20 43	26 29			n.a.	T 22
F 23	23 41	25 30	1 55	19 20	4 11	17 11	1 38	15 5	0 31	23 53	0 24	22 46	0 41	22 37	0 8	6 0	1 42	30 33	9 42	21 0	20 43	26 29			n.a.	F 23
S 24	23 42	26 25	2 53	19 12	4 20	17 30	1 36	15 18	0 30	23 52	0 24	22 45	0 42	22 37	0 8	5 59	1 42	30 32	9 42	20 59	20 42	26 29			n.a.	S 24
S 25	23 42	26 8	3 43	19 6	4 28	17 50	1 34	15 31	0 29	23 51	0 24	22 44	0 42	22 37	0 8	5 59	1 42	30 32	9 42	20 58	20 41	26 29			n.a.	S 25
M26	23 42	24 39	4 23	19 1	4 35	18 9	1 31	15 44	0 29	23 51	0 24	22 43	0 42	22 37	0 8	5 59	1 42	30 32	9 42	20 57	20 41	26 29			n.a.	M26
T 27	23 41	22 5	4 52	18 58	4 40	18 27	1 29	15 57	0 28	23 50	0 24	22 41	0 42	22 36	0 8	5 58	1 42	30 31	9 42	20 56	20 40	26 29			n.a.	T 27
W28	23 40	18 33	5 9	18 56	4 43	18 45	1 27	16 10	0 27	23 49	0 24	22 40	0 42	22 36	0 8	5 58	1 42	30 31	9 42	20 56	20 39	26 29			n.a.	W28
T 29	23 39	14 13	5 12	18 55	4 45	19 3	1 24	16 22	0 27	23 48	0 24	22 39	0 42	22 36	0 8	5 58	1 42	30 30	9 42	20 55	20 39	26 29			n.a.	T 29
F 30	23n37	9s14	5s 1	18n56	4s45	19n20	1s22	16n34	0s26	23n47	0n25	22n38	0n42	22s35	0s 8	5n57	1n42	30n30	9n41	20n54	20n38	26s29			n.a.	F 30

Julian Day Number = 1711712.5, Delta T = 03h00m24s
Ecliptic obliquity = 23°41'57, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°25'46, Lahiri = - 4°18'46 Julian Calendar 1 June 27 BCE == Greg. Calendar 30 May 027 BCE

The year -26 astronomical counting style corresponds to year 027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 27 BCE
geocentric

JULY 27 BCE (-26) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 25 18	5♋23'47	1♈ 2	1°R32	2♊36	17♉18	9♋19	21♋43	11°R52	19♍ 2	26♋54	2°D34	1♊12	12♑31	n.a.	S 1
S 2	18 29 14	6°21'08	13°59	0♋54	3°47	17°58	9°32	21°51	11♐50	19° 3	26°56	2♊34	1° 8	12°38	n.a.	S 2
M 3	18 33 11	7°18'31	27°19	0°19	4°58	18°38	9°45	21°58	11°48	19° 4	26°58	2°36	1° 5	12°45	n.a.	M 3
T 4	18 37 7	8°15'54	11♉ 5	29♊48	6° 9	19°18	9°59	22° 6	11°46	19° 5	27° 0	2°37	1° 2	12°51	n.a.	T 4
W 5	18 41 4	9°13'19	25°17	29°21	7°21	19°58	10°12	22°13	11°44	19° 6	27° 2	2°R38	0°59	12°58	n.a.	W 5
T 6	18 45 0	10°10'45	9♊55	29° 0	8°32	20°38	10°25	22°21	11°42	19° 7	27° 4	2°38	0°56	13° 5	n.a.	T 6
F 7	18 48 57	11° 8'13	24°53	28°44	9°44	21°17	10°38	22°28	11°40	19° 8	27° 6	2°36	0°53	13°11	n.a.	F 7
S 8	18 52 54	12° 5'42	10♋ 4	28°34	10°55	21°57	10°52	22°36	11°38	19° 9	27° 7	2°33	0°49	13°18	n.a.	S 8
S 9	18 56 50	13° 3'12	25°19	28°D30	12° 7	22°37	11° 5	22°43	11°36	19°10	27° 9	2°28	0°46	13°25	n.a.	S 9
M10	19 0 47	14° 0'43	10♌28	28°32	13°19	23°16	11°18	22°51	11°34	19°11	27°11	2°22	0°43	13°32	n.a.	M10
T 11	19 4 43	14°58'15	25°20	28°42	14°30	23°56	11°31	22°58	11°32	19°12	27°13	2°16	0°40	13°38	n.a.	T 11
W12	19 8 40	15°55'48	9♍48	28°58	15°42	24°35	11°45	23° 6	11°30	19°13	27°15	2°11	0°37	13°45	n.a.	W12
T 13	19 12 36	16°53'22	23°49	29°21	16°54	25°14	11°58	23°14	11°28	19°15	27°17	2° 7	0°33	13°52	n.a.	T 13
F 14	19 16 33	17°50'56	7♎21	29°51	18° 6	25°53	12°11	23°21	11°26	19°16	27°19	2° 4	0°30	13°58	n.a.	F 14
S 15	19 20 29	18°48'32	20°26	0♋28	19°18	26°33	12°24	23°29	11°24	19°17	27°21	2°D 4	0°27	14° 5	n.a.	S 15
S 16	19 24 26	19°46'09	3♏ 8	1°11	20°30	27°12	12°37	23°36	11°23	19°18	27°23	2° 5	0°24	14°12	n.a.	S 16
M17	19 28 23	20°43'47	15°31	2° 2	21°42	27°51	12°51	23°44	11°21	19°20	27°24	2° 6	0°21	14°18	n.a.	M17
T 18	19 32 19	21°41'26	27°40	2°59	22°54	28°29	13° 4	23°52	11°19	19°21	27°26	2°R 7	0°18	14°25	n.a.	T 18
W19	19 36 16	22°39'07	9♐38	4° 2	24° 7	29° 8	13°17	23°59	11°18	19°23	27°28	2° 6	0°14	14°32	n.a.	W19
T 20	19 40 12	23°36'49	21°31	5°12	25°19	29°47	13°30	24° 7	11°16	19°24	27°30	2° 4	0°11	14°38	n.a.	T 20
F 21	19 44 9	24°34'32	3♑20	6°27	26°31	0♊25	13°43	24°15	11°15	19°25	27°32	2° 0	0° 8	14°45	n.a.	F 21
S 22	19 48 5	25°32'16	15°10	7°48	27°44	1° 4	13°56	24°22	11°13	19°27	27°34	1°54	0° 5	14°52	n.a.	S 22
S 23	19 52 2	26°30'02	27° 1	9°14	28°56	1°42	14° 9	24°30	11°12	19°28	27°36	1°45	0° 2	14°58	n.a.	S 23
M24	19 55 58	27°27'50	8♒57	10°45	0♋ 9	2°21	14°22	24°38	11°10	19°30	27°38	1°35	29♉59	15° 5	n.a.	M24
T 25	19 59 55	28°25'39	20°58	12°21	1°21	2°59	14°35	24°45	11° 9	19°31	27°40	1°24	29°55	15°12	n.a.	T 25
W26	20 3 52	29°23'29	3♓ 6	14° 1	2°34	3°37	14°48	24°53	11° 7	19°33	27°42	1°14	29°52	15°18	n.a.	W26
T 27	20 7 48	0♌21'22	15°22	15°44	3°47	4°15	15° 1	25° 0	11° 6	19°35	27°44	1° 5	29°49	15°25	n.a.	T 27
F 28	20 11 45	1°19'16	27°49	17°31	5° 0	4°53	15°14	25° 8	11° 5	19°36	27°46	0°58	29°46	15°32	n.a.	F 28
S 29	20 15 41	2°17'12	10♈28	19°20	6°13	5°31	15°27	25°16	11° 4	19°38	27°48	0°53	29°43	15°39	n.a.	S 29
S 30	20 19 38	3°15'10	23°24	21°12	7°25	6° 9	15°40	25°23	11° 2	19°39	27°49	0°51	29°39	15°45	n.a.	S 30
M31	20 23 34	4♌13'10	6♉39	23♋ 5	8♋38	6♊47	15♋53	25♋31	11♐ 1	19♍41	27♋51	0°D51	29♉36	15♑52	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n35	3s47	4s35	18n59	4s43	19n37	1s19	16n47	0s25	23n47	0n25	22n37	0n42	22s35	0s 8	5n57	1n42	30n30	9n41	20n54	20n37	26s29		n.a.
S 2	23 33	1n58	3 55	19 3	4 39	19 53	1 17	16 59	0 25	23 46	0 25	22 36	0 42	22 35	0 8	5 57	1 42	30 29	9 41	20 54	20 37	26 29		n.a.
M 3	23 30	7 49	3 1	19 8	4 34	20 9	1 14	17 10	0 24	23 45	0 25	22 35	0 42	22 35	0 8	5 56	1 42	30 29	9 41	20 54	20 36	26 29		n.a.
T 4	23 26	13 30	1 55	19 15	4 27	20 24	1 11	17 22	0 23	23 44	0 25	22 34	0 42	22 34	0 8	5 56	1 42	30 28	9 41	20 55	20 35	26 29		n.a.
W 5	23 22	18 39	0 40	19 23	4 18	20 39	1 9	17 34	0 22	23 43	0 25	22 32	0 42	22 34	0 8	5 55	1 42	30 28	9 41	20 55	20 35	26 29		n.a.
T 6	23 18	22 50	0n40	19 33	4 9	20 53	1 6	17 45	0 22	23 42	0 25	22 31	0 42	22 34	0 8	5 55	1 42	30 28	9 41	20 55	20 34	26 29		n.a.
F 7	23 14	25 34	1 58	19 44	3 58	21 6	1 3	17 57	0 21	23 41	0 25	22 30	0 42	22 33	0 8	5 54	1 42	30 27	9 41	20 54	20 33	26 29		n.a.
S 8	23 9	26 27	3 9	19 56	3 46	21 20	1 1	18 8	0 20	23 40	0 25	22 29	0 42	22 33	0 8	5 54	1 42	30 27	9 41	20 54	20 33	26 29		n.a.
S 9	23 3	25 21	4 7	20 9	3 32	21 32	0 58	18 19	0 19	23 39	0 25	22 28	0 43	22 33	0 8	5 53	1 42	30 26	9 41	20 53	20 32	26 29		n.a.
M10	22 57	22 24	4 47	20 23	3 18	21 44	0 55	18 29	0 19	23 38	0 25	22 26	0 43	22 33	0 8	5 53	1 42	30 26	9 41	20 52	20 31	26 29		n.a.
T 11	22 51	18 1	5 7	20 38	3 4	21 55	0 52	18 40	0 18	23 37	0 26	22 25	0 43	22 32	0 8	5 52	1 42	30 26	9 41	20 50	20 31	26 29		n.a.
W12	22 44	12 42	5 7	20 53	2 49	22 6	0 49	18 51	0 17	23 36	0 26	22 24	0 43	22 32	0 8	5 52	1 42	30 25	9 41	20 49	20 30	26 29		n.a.
T 13	22 37	6 52	4 48	21 9	2 33	22 16	0 47	19 1	0 16	23 35	0 26	22 23	0 43	22 32	0 8	5 51	1 42	30 25	9 41	20 49	20 29	26 29		n.a.
F 14	22 30	0 55	4 13	21 25	2 17	22 26	0 44	19 11	0 16	23 34	0 26	22 22	0 43	22 32	0 8	5 51	1 41	30 25	9 41	20 48	20 29	26 29		n.a.
S 15	22 22	4s54	3 26	21 41	2 1	22 35	0 41	19 21	0 15	23 33	0 26	22 20	0 43	22 31	0 8	5 50	1 41	30 24	9 41	20 48	20 28	26 29		n.a.
S 16	22 14	10 21	2 30	21 57	1 45	22 43	0 38	19 31	0 14	23 31	0 26	22 19	0 43	22 31	0 8	5 50	1 41	30 24	9 42	20 48	20 27	26 29		n.a.
M17	22 5	15 15	1 28	22 12	1 29	22 51	0 35	19 41	0 13	23 30	0 26	22 18	0 43	22 31	0 8	5 49	1 41	30 23	9 42	20 48	20 27	26 29		n.a.
T 18	21 56	19 28	0 24	22 27	1 13	22 58	0 32	19 50	0 13	23 29	0 26	22 17	0 43	22 31	0 8	5 49	1 41	30 23	9 42	20 49	20 26	26 29		n.a.
W19	21 46	22 48	0s40	22 41	0 58	23 5	0 29	19 59	0 12	23 28	0 26	22 15	0 43	22 31	0 8	5 48	1 41	30 23	9 42	20 49	20 25	26 28		n.a.
T 20	21 37	25 8	1 43	22 54	0 42	23 10	0 27	20 9	0 11	23 27	0 26	22 14	0 43	22 30	0 8	5 47	1 41	30 22	9 42	20 48	20 25	26 28		n.a.
F 21	21 26	26 19	2 40	23 5	0 27	23 16	0 24	20 18	0 10	23 25	0 27	22 13	0 43	22 30	0 8	5 47	1 41	30 22	9 42	20 47	20 24	26 28		n.a.
S 22	21 16	26 18	3 30	23 15	0 13	23 20	0 21	20 27	0 9	23 24	0 27	22 11	0 44	22 30	0 8	5 46	1 41	30 22	9 42	20 46	20 23	26 28		n.a.
S 23	21 5	25 5	4 11	23 23	0n 1	23 24	0 18	20 35	0 9	23 23	0 27	22 10	0 44	22 30	0 8	5 45	1 41	30 21	9 42	20 44	20 23	26 28		n.a.
M24	20 54	22 44	4 41	23 29	0 14	23 27	0 15	20 44	0 8	23 22	0 27	22 9	0 44	22 29	0 8	5 45	1 41	30 21	9 42	20 42	20 22	26 28		n.a.
T 25	20 42	19 23	4 59	23 33	0 26	23 29	0 12	20 52	0 7	23 20	0 27	22 8	0 44	22 29	0 8	5 44	1 41	30 21	9 42	20 40	20 21	26 28		n.a.
W26	20 30	15 12	5 4	23 34	0 37	23 31	0 9	21 0	0 6	23 19	0 27	22 6	0 44	22 29	0 8	5 44	1 41	30 20	9 42	20 38	20 21	26 27		n.a.
T 27	20 18	10 21	4 55	23 33	0 48	23 32	0 6	21 8	0 5	23 18	0 27	22 5	0 44	22 29	0 8	5 43	1 41	30 20	9 42	20 36	20 20	26 27		n.a.
F 28	20 5	5 2	4 32	23 30	0 58	23 33	0 4	21 16	0 4	23 16	0 27	22 4	0 44	22 29	0 8	5 42	1 41	30 20	9 42	20 34	20 19	26 27		n.a.
S 29	19 52	0n35	3 55	23 23	1 7	23 32	0 1	21 24	0 4	23 15	0 27	22 2	0 44	22 29	0 8	5 42	1 41	30 19	9 42	20 34	20 18	26 27		n.a.
S 30	19 38	6 19	3 6	23 14	1 15	23 31	0n 2	21 31	0 3	23 13	0 28	22 1	0 44	22 28	0 8	5 41	1 41	30 19	9 42	20 33	20 18	26 27		n.a.
M31	19n25	11n55	2s 5	23n 2	1n22	23n30	0n 5	21n39	0s 2	23n12	0n28	22n 0	0n44	22s28	0s 8	5n40	1n41	30n19	9n43	20n33	20n17	26s26		n.a.

Julian Day Number = 1711742.5, Delta T = 03h00m23s
Ecliptic obliquity = 23°41'57, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°25'42, Lahiri = - 4°18'42 Julian Calendar 1 July 27 BCE == Greg. Calendar 29 June 027 BCE

The year -26 astronomical counting style corresponds to year 027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 27 BCE
geocentric

AUGUST 27 BCE (-26) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 27 31	5♌11'12	20♉16	25♋ 0	9♋51	7♊24	16♋ 6	25♋38	11°R 0	19♍43	27♋53	0♊51	29♉33	15♂59	n.a.	T 1
W 2	20 31 27	6° 9'16	4♊16	26°56	11° 4	8° 2	16°19	25°46	10♐59	19°45	27°55	0°R51	29°30	16° 5	n.a.	W 2
T 3	20 35 24	7° 7'22	18°41	28°53	12°18	8°39	16°32	25°54	10°58	19°46	27°57	0°50	29°27	16°12	n.a.	T 3
F 4	20 39 21	8° 5'30	3♋27	0♌50	13°31	9°17	16°44	26° 1	10°57	19°48	27°59	0°47	29°24	16°19	n.a.	F 4
S 5	20 43 17	9° 3'41	18°30	2°48	14°44	9°54	16°57	26° 9	10°56	19°50	28° 1	0°41	29°20	16°25	n.a.	S 5
S 6	20 47 14	10° 1'53	3♌41	4°45	15°57	10°31	17°10	26°16	10°55	19°52	28° 3	0°32	29°17	16°32	n.a.	S 6
M 7	20 51 10	11° 0'07	18°49	6°42	17°11	11° 8	17°23	26°24	10°55	19°54	28° 5	0°22	29°14	16°39	n.a.	M 7
T 8	20 55 7	11°58'22	3♍45	8°39	18°24	11°45	17°35	26°31	10°54	19°55	28° 7	0°12	29°11	16°45	n.a.	T 8
W 9	20 59 3	12°56'40	18°20	10°35	19°38	12°22	17°48	26°39	10°53	19°57	28° 9	0° 2	29° 8	16°52	n.a.	W 9
T 10	21 3 0	13°54'59	2♎27	12°30	20°51	12°59	18° 0	26°46	10°52	19°59	28°10	29♉55	29° 5	16°59	n.a.	T 10
F 11	21 6 56	14°53'20	16° 5	14°25	22° 5	13°35	18°13	26°53	10°52	20° 1	28°12	29°49	29° 1	17° 5	n.a.	F 11
S 12	21 10 53	15°51'42	29°15	16°18	23°18	14°12	18°25	27° 1	10°51	20° 3	28°14	29°46	28°58	17°12	n.a.	S 12
S 13	21 14 50	16°50'06	11♏58	18°11	24°32	14°48	18°38	27° 8	10°51	20° 5	28°16	29°D45	28°55	17°19	n.a.	S 13
M14	21 18 46	17°48'32	24°21	20° 3	25°46	15°25	18°50	27°15	10°50	20° 7	28°18	29°R45	28°52	17°26	n.a.	M14
T 15	21 22 43	18°46'59	6♐27	21°53	26°59	16° 1	19° 2	27°23	10°50	20° 9	28°20	29°45	28°49	17°32	n.a.	T 15
W16	21 26 39	19°45'29	18°23	23°43	28°13	16°37	19°15	27°30	10°49	20°11	28°21	29°44	28°45	17°39	n.a.	W16
T 17	21 30 36	20°44'00	0♑13	25°31	29°27	17°13	19°27	27°37	10°49	20°13	28°23	29°40	28°42	17°46	n.a.	T 17
F 18	21 34 32	21°42'33	12° 2	27°19	0♌41	17°49	19°39	27°44	10°49	20°15	28°25	29°34	28°39	17°52	n.a.	F 18
S 19	21 38 29	22°41'07	23°53	29° 5	1°55	18°25	19°51	27°52	10°48	20°17	28°27	29°26	28°36	17°59	n.a.	S 19
S 20	21 42 25	23°39'44	5♒49	0♍51	3° 9	19° 0	20° 3	27°59	10°48	20°19	28°29	29°14	28°33	18° 6	n.a.	S 20
M21	21 46 22	24°38'22	17°52	2°35	4°23	19°36	20°15	28° 6	10°48	20°21	28°30	29° 1	28°30	18°12	n.a.	M21
T 22	21 50 19	25°37'03	0♓ 4	4°18	5°37	20°11	20°27	28°13	10°48	20°23	28°32	28°47	28°26	18°19	n.a.	T 22
W23	21 54 15	26°35'45	12°24	6° 0	6°51	20°46	20°39	28°20	10°D48	20°25	28°34	28°33	28°23	18°26	n.a.	W23
T 24	21 58 12	27°34'30	24°53	7°41	8° 5	21°22	20°51	28°27	10°48	20°27	28°36	28°21	28°20	18°32	n.a.	T 24
F 25	22 2 8	28°33'17	7♈33	9°22	9°20	21°57	21° 2	28°34	10°48	20°29	28°37	28°12	28°17	18°39	n.a.	F 25
S 26	22 6 5	29°32'06	20°24	11° 1	10°34	22°32	21°14	28°41	10°48	20°31	28°39	28° 5	28°14	18°46	n.a.	S 26
S 27	22 10 1	0♍30'57	3♉27	12°39	11°48	23° 6	21°26	28°48	10°48	20°33	28°41	28° 1	28°10	18°53	n.a.	S 27
M28	22 13 58	1°29'51	16°45	14°16	13° 2	23°41	21°37	28°55	10°48	20°36	28°43	28° 0	28° 7	18°59	n.a.	M28
T 29	22 17 54	2°28'47	0♊18	15°53	14°17	24°16	21°49	29° 2	10°49	20°38	28°44	28° 0	28° 4	19° 6	n.a.	T 29
W30	22 21 51	3°27'46	14°10	17°28	15°31	24°50	22° 0	29° 8	10°49	20°40	28°46	27°59	28° 1	19°13	n.a.	W30
T 31	22 25 47	4♍26'47	28♊20	19♍ 3	16♌46	25♊25	22♋12	29♋15	10♐49	20♍42	28♋47	27♉58	27♉58	19♂19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	19n11	17n 6	0s56	22n48	1n28	23n27	0n 7	21n46	0s 1	23n11	0n28	21n58	0n44	22s28	0s 8	5n39	1n41	30n18	9n43	20n33	20n16	26s26			n.a.
W 2	18 56	21 32	0n18	22 31	1 33	23 24	0 10	21 53	0 0	23 9	0 28	21 57	0 45	22 28	0 8	5 39	1 41	30 18	9 43	20 33	20 16	26 26			n.a.
T 3	18 42	24 46	1 33	22 12	1 37	23 20	0 13	22 0	0n 1	23 8	0 28	21 56	0 45	22 28	0 8	5 38	1 41	30 18	9 43	20 33	20 15	26 26			n.a.
F 4	18 26	26 23	2 44	21 50	1 41	23 16	0 16	22 6	0 2	23 6	0 28	21 54	0 45	22 28	0 8	5 37	1 41	30 17	9 43	20 32	20 14	26 25			n.a.
S 5	18 11	26 7	3 45	21 26	1 44	23 11	0 18	22 13	0 2	23 5	0 28	21 53	0 45	22 28	0 8	5 37	1 41	30 17	9 43	20 31	20 14	26 25			n.a.
S 6	17 55	23 54	4 30	21 0	1 46	23 5	0 21	22 19	0 3	23 3	0 28	21 52	0 45	22 27	0 8	5 36	1 41	30 17	9 43	20 29	20 13	26 25			n.a.
M 7	17 40	20 1	4 56	20 31	1 47	22 58	0 23	22 26	0 4	23 2	0 29	21 50	0 45	22 27	0 8	5 35	1 41	30 17	9 43	20 27	20 12	26 25			n.a.
T 8	17 23	14 54	5 1	20 1	1 48	22 51	0 26	22 32	0 5	23 0	0 29	21 49	0 45	22 27	0 8	5 34	1 41	30 16	9 43	20 25	20 12	26 24			n.a.
W 9	17 7	9 3	4 47	19 30	1 48	22 43	0 28	22 37	0 6	22 59	0 29	21 48	0 45	22 27	0 8	5 34	1 41	30 16	9 44	20 23	20 11	26 24			n.a.
T 10	16 50	2 54	4 15	18 57	1 47	22 34	0 31	22 43	0 7	22 57	0 29	21 46	0 45	22 27	0 8	5 33	1 41	30 16	9 44	20 21	20 10	26 24			n.a.
F 11	16 33	3s11	3 30	18 22	1 46	22 25	0 33	22 49	0 8	22 55	0 29	21 45	0 45	22 27	0 8	5 32	1 41	30 16	9 44	20 20	20 9	26 24			n.a.
S 12	16 15	8 55	2 34	17 46	1 44	22 15	0 36	22 54	0 9	22 54	0 29	21 44	0 46	22 27	0 8	5 31	1 40	30 15	9 44	20 19	20 9	26 23			n.a.
S 13	15 58	14 7	1 33	17 9	1 41	22 4	0 38	22 59	0 10	22 52	0 29	21 42	0 46	22 27	0 8	5 30	1 40	30 15	9 44	20 19	20 8	26 23			n.a.
M14	15 40	18 36	0 29	16 31	1 39	21 53	0 40	23 4	0 11	22 51	0 29	21 41	0 46	22 27	0 8	5 30	1 40	30 15	9 44	20 19	20 7	26 23			n.a.
T 15	15 21	22 12	0s35	15 52	1 35	21 41	0 43	23 9	0 12	22 49	0 30	21 40	0 46	22 27	0 8	5 29	1 40	30 15	9 45	20 19	20 7	26 22			n.a.
W16	15 3	24 48	1 37	15 12	1 32	21 29	0 45	23 14	0 13	22 47	0 30	21 38	0 46	22 27	0 8	5 28	1 40	30 14	9 45	20 19	20 6	26 22			n.a.
T 17	14 44	26 16	2 34	14 31	1 28	21 15	0 47	23 18	0 13	22 46	0 30	21 37	0 46	22 27	0 8	5 27	1 40	30 14	9 45	20 18	20 5	26 22			n.a.
F 18	14 25	26 32	3 24	13 50	1 23	21 2	0 49	23 22	0 14	22 44	0 30	21 36	0 46	22 26	0 8	5 26	1 40	30 14	9 45	20 17	20 5	26 21			n.a.
S 19	14 6	25 35	4 5	13 8	1 18	20 47	0 51	23 27	0 15	22 43	0 30	21 34	0 46	22 26	0 8	5 26	1 40	30 14	9 45	20 15	20 4	26 21			n.a.
S 20	13 47	23 28	4 35	12 26	1 13	20 32	0 54	23 31	0 16	22 41	0 30	21 33	0 46	22 26	0 8	5 25	1 40	30 13	9 45	20 12	20 3	26 21			n.a.
M21	13 27	20 18	4 54	11 44	1 8	20 16	0 55	23 35	0 17	22 39	0 30	21 32	0 47	22 26	0 8	5 24	1 40	30 13	9 46	20 9	20 2	26 20			n.a.
T 22	13 7	16 14	4 59	11 0	1 3	20 0	0 57	23 38	0 18	22 38	0 30	21 30	0 47	22 26	0 8	5 23	1 40	30 13	9 46	20 6	20 2	26 20			n.a.
W23	12 47	11 27	4 51	10 17	0 57	19 43	0 59	23 42	0 19	22 36	0 31	21 29	0 47	22 26	0 8	5 22	1 40	30 13	9 46	20 3	20 1	26 20			n.a.
T 24	12 27	6 9	4 29	9 34	0 51	19 26	1 1	23 45	0 20	22 34	0 31	21 28	0 47	22 26	0 8	5 21	1 40	30 13	9 46	20 1	20 0	26 19			n.a.
F 25	12 6	0 32	3 53	8 50	0 45	19 8	1 3	23 48	0 21	22 33	0 31	21 26	0 47	22 26	0 8	5 21	1 40	30 13	9 46	19 58	20 0	26 19			n.a.
S 26	11 46	5n13	3 4	8 6	0 38	18 49	1 5	23 52	0 22	22 31	0 31	21 25	0 47	22 26	0 8	5 20	1 40	30 12	9 47	19 57	19 59	26 18			n.a.
S 27	11 25	10 50	2 6	7 22	0 32	18 30	1 6	23 54	0 23	22 29	0 31	21 24	0 47	22 26	0 8	5 19	1 40	30 12	9 47	19 56	19 58	26 18			n.a.
M28	11 3	16 5	0 59	6 38	0 25	18 10	1 8	23 57	0 24	22 27	0 31	21 22	0 47	22 27	0 8	5 18	1 40	30 12	9 47	19 56	19 57	26 18			n.a.
T 29	10 42	20 38	0n12	5 54	0 18	17 50	1 10	24 0	0 25	22 26	0 31	21 21	0 48	22 27	0 8	5 17	1 40	30 12	9 47	19 56	19 57	26 17			n.a.
W30	10 21	24 9	1 24	5 11	0 11	17 29	1 11	24 2	0 27	22 24	0 32	21 20	0 48	22 27	0 8	5 16	1 40	30 12	9 48	19 56	19 56	26 17			n.a.
T 31	9n59	26n14	2n33	4n27	0n 4	17n 8	1n12	24n 5	0n28	22n22	0n32	21n18	0n48	22s27	0s 8	5n15	1n40	30n12	9n48	19n55	19n55	26s16			n.a.

Julian Day Number = 1711773.5, Delta T = 03h00m22s
Ecliptic obliquity = 23°41'58, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°25'38, Lahiri = - 4°18'37 Julian Calendar 1 Aug. 27 BCE == Greg. Calendar 30 July 027 BCE

The year -26 astronomical counting style corresponds to year 027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 27 BCE
geocentric

SEPTEMBER 27 BCE (-26) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 29 44	5♍25'50	12♋48	20♍37	18♌ 0	25♊59	22♋23	29♋22	10♐50	20♍44	28♋49	27°R54	27♉55	19♂26	n.a.	F 1
S 2	22 33 41	6°24'56	27°31	22°10	19°15	26°33	22°34	29°29	10°50	20°46	28°51	27♉48	27°51	19°33	n.a.	S 2
S 3	22 37 37	7°24'05	12♌23	23°42	20°30	27° 7	22°45	29°35	10°51	20°49	28°52	27°39	27°48	19°39	n.a.	S 3
M 4	22 41 34	8°23'15	27°15	25°13	21°44	27°40	22°56	29°42	10°51	20°51	28°54	27°28	27°45	19°46	n.a.	M 4
T 5	22 45 30	9°22'28	12♍ 0	26°43	22°59	28°14	23° 7	29°48	10°52	20°53	28°55	27°16	27°42	19°53	n.a.	T 5
W 6	22 49 27	10°21'42	26°28	28°12	24°14	28°48	23°18	29°55	10°53	20°55	28°57	27° 6	27°39	19°59	n.a.	W 6
T 7	22 53 23	11°20'59	10♎33	29°41	25°28	29°21	23°29	0♌ 1	10°54	20°57	28°59	26°57	27°36	20° 6	n.a.	T 7
F 8	22 57 20	12°20'18	24°12	1♎ 9	26°43	29°54	23°40	0° 7	10°54	21° 0	29° 0	26°50	27°32	20°13	n.a.	F 8
S 9	23 1 16	13°19'38	7♏23	2°36	27°58	0♋27	23°50	0°14	10°55	21° 2	29° 2	26°46	27°29	20°20	n.a.	S 9
S 10	23 5 13	14°19'01	20°10	4° 1	29°13	1° 0	24° 1	0°20	10°56	21° 4	29° 3	26°45	27°26	20°26	n.a.	S 10
M11	23 9 10	15°18'25	2♐35	5°26	0♍28	1°33	24°11	0°26	10°57	21° 6	29° 4	26°D45	27°23	20°33	n.a.	M11
T 12	23 13 6	16°17'52	14°43	6°50	1°42	2° 5	24°22	0°32	10°58	21° 9	29° 6	26°R45	27°20	20°40	n.a.	T 12
W13	23 17 3	17°17'20	26°40	8°14	2°57	2°38	24°32	0°38	10°59	21°11	29° 7	26°45	27°16	20°46	n.a.	W13
T 14	23 20 59	18°16'50	8♑31	9°36	4°12	3°10	24°42	0°44	11° 0	21°13	29° 9	26°43	27°13	20°53	n.a.	T 14
F 15	23 24 56	19°16'22	20°21	10°57	5°27	3°42	24°52	0°50	11° 1	21°15	29°10	26°38	27°10	21° 0	n.a.	F 15
S 16	23 28 52	20°15'56	2♒15	12°17	6°42	4°14	25° 2	0°56	11° 2	21°18	29°11	26°31	27° 7	21° 6	n.a.	S 16
S 17	23 32 49	21°15'32	14°16	13°35	7°57	4°46	25°12	1° 2	11° 4	21°20	29°13	26°22	27° 4	21°13	n.a.	S 17
M18	23 36 45	22°15'10	26°26	14°53	9°12	5°17	25°22	1° 7	11° 5	21°22	29°14	26°11	27° 1	21°20	n.a.	M18
T 19	23 40 42	23°14'49	8♓49	16° 9	10°27	5°49	25°31	1°13	11° 6	21°24	29°15	25°59	26°57	21°27	n.a.	T 19
W20	23 44 38	24°14'31	21°24	17°24	11°43	6°20	25°41	1°19	11° 8	21°26	29°16	25°47	26°54	21°33	n.a.	W20
T 21	23 48 35	25°14'14	4♈11	18°37	12°58	6°51	25°51	1°24	11° 9	21°29	29°18	25°37	26°51	21°40	n.a.	T 21
F 22	23 52 32	26°14'00	17°11	19°49	14°13	7°22	26° 0	1°30	11°11	21°31	29°19	25°29	26°48	21°47	n.a.	F 22
S 23	23 56 28	27°13'48	0♉21	20°58	15°28	7°52	26° 9	1°35	11°12	21°33	29°20	25°24	26°45	21°53	n.a.	S 23
S 24	0 0 25	28°13'38	13°43	22° 6	16°43	8°23	26°18	1°40	11°14	21°35	29°21	25°21	26°41	22° 0	n.a.	S 24
M25	0 4 21	29°13'31	27°14	23°12	17°58	8°53	26°27	1°46	11°15	21°38	29°22	25°D20	26°38	22° 7	n.a.	M25
T 26	0 8 18	0♎13'25	10♊57	24°15	19°14	9°23	26°36	1°51	11°17	21°40	29°24	25°21	26°35	22°13	n.a.	T 26
W27	0 12 14	1°13'23	24°50	25°16	20°29	9°53	26°45	1°56	11°19	21°42	29°25	25°R22	26°32	22°20	n.a.	W27
T 28	0 16 11	2°13'22	8♋53	26°13	21°44	10°23	26°54	2° 1	11°20	21°44	29°26	25°22	26°29	22°27	n.a.	T 28
F 29	0 20 7	3°13'24	23° 7	27° 8	23° 0	10°52	27° 2	2° 6	11°22	21°47	29°27	25°20	26°26	22°33	n.a.	F 29
S 30	0 24 4	4♎13'28	7♌29	27♎59	24♍15	11♋22	27♋11	2♌11	11♐24	21♍49	29♋28	25♉16	26♉22	22♂40	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9n37	26n37	3n33	3n43	0s 3	16n46	1n14	24n 7	0n29	22n21	0n32	21n17	0n48	22s27	0s 8	5n14	1n40	30n11	9n48	19n54	19n55	26s16		n.a.
S 2	9 15	25 8	4 20	3 0	0 10	16 24	1 15	24 9	0 30	22 19	0 32	21 16	0 48	22 27	0 8	5 14	1 40	30 11	9 48	19 53	19 54	26 15		n.a.
S 3	8 53	21 54	4 50	2 16	0 17	16 1	1 16	24 11	0 31	22 17	0 32	21 15	0 48	22 27	0 8	5 13	1 40	30 11	9 49	19 51	19 53	26 15		n.a.
M 4	8 31	17 15	5 1	1 33	0 24	15 38	1 18	24 13	0 32	22 15	0 32	21 13	0 48	22 27	0 8	5 12	1 40	30 11	9 49	19 48	19 52	26 14		n.a.
T 5	8 8	11 36	4 51	0 50	0 31	15 15	1 19	24 14	0 33	22 14	0 33	21 12	0 48	22 27	0 8	5 11	1 40	30 11	9 49	19 46	19 52	26 14		n.a.
W 6	7 46	5 26	4 23	0 8	0 39	14 51	1 20	24 16	0 34	22 12	0 33	21 11	0 49	22 27	0 8	5 10	1 40	30 11	9 49	19 43	19 51	26 13		n.a.
T 7	7 23	0s52	3 39	0s35	0 46	14 26	1 21	24 17	0 35	22 10	0 33	21 10	0 49	22 27	0 8	5 9	1 40	30 11	9 50	19 41	19 50	26 13		n.a.
F 8	7 0	6 57	2 43	1 16	0 53	14 1	1 22	24 18	0 36	22 9	0 33	21 8	0 49	22 27	0 8	5 8	1 40	30 11	9 50	19 40	19 49	26 12		n.a.
S 9	6 37	12 32	1 41	1 58	1 1	13 36	1 23	24 19	0 37	22 7	0 33	21 7	0 49	22 27	0 8	5 7	1 40	30 11	9 50	19 39	19 49	26 12		n.a.
S 10	6 14	17 25	0 35	2 39	1 8	13 10	1 23	24 20	0 39	22 5	0 33	21 6	0 49	22 28	0 8	5 7	1 40	30 11	9 50	19 38	19 48	26 11		n.a.
M11	5 51	21 25	0s31	3 20	1 15	12 44	1 24	24 21	0 40	22 4	0 34	21 5	0 49	22 28	0 8	5 6	1 40	30 11	9 51	19 38	19 47	26 11		n.a.
T 12	5 28	24 22	1 34	4 0	1 22	12 18	1 25	24 22	0 41	22 2	0 34	21 4	0 49	22 28	0 8	5 5	1 40	30 11	9 51	19 39	19 47	26 10		n.a.
W13	5 4	26 11	2 32	4 39	1 29	11 51	1 25	24 22	0 42	22 0	0 34	21 2	0 50	22 28	0 8	5 4	1 40	30 11	9 51	19 38	19 46	26 10		n.a.
T 14	4 41	26 48	3 23	5 19	1 36	11 24	1 26	24 23	0 43	21 59	0 34	21 1	0 50	22 28	0 8	5 3	1 40	30 10	9 51	19 38	19 45	26 9		n.a.
F 15	4 17	26 10	4 5	5 57	1 43	10 57	1 26	24 23	0 44	21 57	0 34	21 0	0 50	22 28	0 8	5 2	1 40	30 10	9 52	19 37	19 44	26 9		n.a.
S 16	3 54	24 21	4 36	6 35	1 50	10 29	1 27	24 23	0 46	21 55	0 34	20 59	0 50	22 29	0 8	5 1	1 40	30 10	9 52	19 35	19 44	26 8		n.a.
S 17	3 30	21 27	4 56	7 12	1 56	10 1	1 27	24 24	0 47	21 54	0 35	20 58	0 50	22 29	0 8	5 0	1 40	30 10	9 52	19 33	19 43	26 8		n.a.
M18	3 6	17 34	5 3	7 48	2 2	9 33	1 27	24 24	0 48	21 52	0 35	20 57	0 50	22 29	0 8	4 59	1 40	30 10	9 53	19 30	19 42	26 7		n.a.
T 19	2 43	12 54	4 55	8 24	2 9	9 4	1 27	24 23	0 49	21 50	0 35	20 55	0 50	22 29	0 8	4 59	1 40	30 10	9 53	19 28	19 41	26 6		n.a.
W20	2 19	7 38	4 34	8 58	2 15	8 36	1 28	24 23	0 50	21 49	0 35	20 54	0 51	22 29	0 8	4 58	1 40	30 10	9 53	19 25	19 41	26 6		n.a.
T 21	1 55	1 57	3 58	9 32	2 20	8 7	1 28	24 23	0 52	21 47	0 35	20 53	0 51	22 29	0 8	4 57	1 40	30 10	9 54	19 22	19 40	26 5		n.a.
F 22	1 31	3n55	3 9	10 5	2 26	7 37	1 28	24 22	0 53	21 46	0 35	20 52	0 51	22 30	0 8	4 56	1 40	30 11	9 54	19 20	19 39	26 5		n.a.
S 23	1 7	9 42	2 9	10 36	2 31	7 8	1 28	24 22	0 54	21 44	0 36	20 51	0 51	22 30	0 8	4 55	1 40	30 11	9 54	19 19	19 38	26 4		n.a.
S 24	0 43	15 9	1 2	11 6	2 36	6 38	1 27	24 21	0 56	21 42	0 36	20 50	0 51	22 30	0 8	4 54	1 40	30 11	9 55	19 18	19 38	26 3		n.a.
M25	0 19	19 55	0n10	11 36	2 41	6 8	1 27	24 21	0 57	21 41	0 36	20 49	0 51	22 30	0 8	4 53	1 40	30 11	9 55	19 18	19 37	26 3		n.a.
T 26	0s 5	23 42	1 23	12 3	2 45	5 38	1 27	24 20	0 58	21 39	0 36	20 48	0 52	22 31	0 8	4 52	1 40	30 11	9 55	19 19	19 36	26 2		n.a.
W27	0 29	26 7	2 31	12 29	2 49	5 8	1 27	24 19	0 59	21 38	0 36	20 47	0 52	22 31	0 8	4 51	1 40	30 11	9 55	19 19	19 35	26 2		n.a.
T 28	0 54	26 55	3 32	12 54	2 52	4 38	1 26	24 18	1 1	21 36	0 37	20 46	0 52	22 31	0 8	4 51	1 40	30 11	9 56	19 19	19 35	26 1		n.a.
F 29	1 18	25 58	4 20	13 16	2 55	4 7	1 26	24 17	1 2	21 35	0 37	20 45	0 52	22 31	0 8	4 50	1 40	30 11	9 56	19 18	19 34	26 0		n.a.
S 30	1s42	23n18	4n52	13s37	2s57	3n37	1n25	24n16	1n 3	21n33	0n37	20n44	0n52	22s32	0s 8	4n49	1n40	30n11	9n56	19n17	19n33	26s 0		n.a.

Julian Day Number = 1711804.5, Delta T = 03h00m21s
Ecliptic obliquity = 23°41'59, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°25'34, Lahiri = - 4°18'33 Julian Calendar 1 Sept. 27 BCE == Greg. Calendar 30 Aug. 027 BCE

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ASTRODIENST EPHEMERIS for the year 27 BCE
geocentric

OCTOBER 27 BCE (-26) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 28 1	5♎13'34	21♌55	28♎46	25♍30	11♋51	27♋19	2♌16	11♐26	21♍51	29♋29	25°R10	26♉19	22♊47	n.a.	S 1
M 2	0 31 57	6°13'43	6♍20	29°28	26°46	12°20	27°27	2°20	11°28	21°53	29°30	25♉ 3	26°16	22°54	n.a.	M 2
T 3	0 35 54	7°13'53	20°40	0♏ 6	28° 1	12°48	27°35	2°25	11°30	21°55	29°31	24°54	26°13	23° 0	n.a.	T 3
W 4	0 39 50	8°14'05	4♎47	0°38	29°16	13°17	27°43	2°30	11°32	21°57	29°32	24°47	26°10	23° 7	n.a.	W 4
T 5	0 43 47	9°14'20	18°37	1° 4	0♎32	13°45	27°51	2°34	11°34	22° 0	29°32	24°40	26° 7	23°14	n.a.	T 5
F 6	0 47 43	10°14'36	2♏ 6	1°23	1°47	14°13	27°59	2°38	11°36	22° 2	29°33	24°36	26° 3	23°20	n.a.	F 6
S 7	0 51 40	11°14'54	15°13	1°35	3° 3	14°40	28° 6	2°43	11°38	22° 4	29°34	24°34	26° 0	23°27	n.a.	S 7
S 8	0 55 36	12°15'13	27°59	1°R39	4°18	15° 8	28°14	2°47	11°41	22° 6	29°35	24°D33	25°57	23°34	n.a.	S 8
M 9	0 59 33	13°15'35	10♐25	1°35	5°34	15°35	28°21	2°51	11°43	22° 8	29°36	24°34	25°54	23°40	n.a.	M 9
T 10	1 3 30	14°15'58	22°35	1°21	6°49	16° 2	28°28	2°55	11°45	22°10	29°36	24°36	25°51	23°47	n.a.	T 10
W11	1 7 26	15°16'22	4♑33	0°58	8° 4	16°28	28°35	2°59	11°47	22°12	29°37	24°37	25°47	23°54	n.a.	W11
T 12	1 11 23	16°16'48	16°26	0°24	9°20	16°55	28°42	3° 3	11°50	22°15	29°38	24°R38	25°44	24° 1	n.a.	T 12
F 13	1 15 19	17°17'15	28°17	29♎41	10°35	17°21	28°48	3° 7	11°52	22°17	29°38	24°37	25°41	24° 7	n.a.	F 13
S 14	1 19 16	18°17'44	10♒12	28°48	11°51	17°46	28°55	3°10	11°55	22°19	29°39	24°35	25°38	24°14	n.a.	S 14
S 15	1 23 12	19°18'14	22°15	27°46	13° 6	18°12	29° 1	3°14	11°57	22°21	29°40	24°31	25°35	24°21	n.a.	S 15
M16	1 27 9	20°18'46	4♓30	26°36	14°22	18°37	29° 7	3°17	12° 0	22°23	29°40	24°25	25°32	24°27	n.a.	M16
T 17	1 31 5	21°19'19	17° 0	25°20	15°37	19° 2	29°13	3°21	12° 2	22°25	29°41	24°20	25°28	24°34	n.a.	T 17
W18	1 35 2	22°19'53	29°47	24° 1	16°53	19°27	29°19	3°24	12° 5	22°27	29°41	24°14	25°25	24°41	n.a.	W18
T 19	1 38 59	23°20'29	12♈51	22°40	18° 9	19°51	29°25	3°27	12° 7	22°29	29°42	24° 9	25°22	24°48	n.a.	T 19
F 20	1 42 55	24°21'07	26°11	21°20	19°24	20°15	29°31	3°30	12°10	22°31	29°42	24° 5	25°19	24°54	n.a.	F 20
S 21	1 46 52	25°21'46	9♉46	20° 4	20°40	20°39	29°36	3°33	12°13	22°33	29°43	24° 3	25°16	25° 1	n.a.	S 21
S 22	1 50 48	26°22'27	23°34	18°55	21°55	21° 2	29°41	3°36	12°16	22°35	29°43	24°D 2	25°13	25° 8	n.a.	S 22
M23	1 54 45	27°23'09	7♊31	17°54	23°11	21°25	29°46	3°39	12°18	22°37	29°43	24° 2	25° 9	25°14	n.a.	M23
T 24	1 58 41	28°23'53	21°36	17° 3	24°26	21°48	29°51	3°41	12°21	22°39	29°44	24° 4	25° 6	25°21	n.a.	T 24
W25	2 2 38	29°24'39	5♋44	16°23	25°42	22°10	29°56	3°44	12°24	22°40	29°44	24° 5	25° 3	25°28	n.a.	W25
T 26	2 6 34	0♏25'26	19°55	15°54	26°57	22°32	0♌ 1	3°47	12°27	22°42	29°44	24° 6	25° 0	25°34	n.a.	T 26
F 27	2 10 31	1°26'15	4♌ 5	15°38	28°13	22°53	0° 5	3°49	12°30	22°44	29°45	24°R 7	24°57	25°41	n.a.	F 27
S 28	2 14 28	2°27'06	18°14	15°D33	29°28	23°15	0° 9	3°51	12°33	22°46	29°45	24° 6	24°53	25°48	n.a.	S 28
S 29	2 18 24	3°27'58	2♍19	15°38	0♏44	23°36	0°14	3°53	12°36	22°48	29°45	24° 4	24°50	25°55	n.a.	S 29
M30	2 22 21	4°28'52	16°17	15°54	2° 0	23°56	0°17	3°55	12°39	22°50	29°45	24° 2	24°47	26° 1	n.a.	M30
T 31	2 26 17	5♏29'47	0♎ 7	16♎19	3♏15	24♋16	0♌21	3♌57	12♐42	22♍51	29♋45	23♉59	24♉44	26♊ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	2s 6	19n10	5n 6	13s55	2s58	3n 6	1n25	24n14	1n 5	21n32	0n37	20n43	0n52	22s32	0s 8	4n48	1n40	30n11	9n57	19n16	19n32	25s59			n.a.
M 2	2 30	13 56	5 1	14 11	2 59	2 35	1 24	24 13	1 6	21 30	0 37	20 42	0 53	22 32	0 8	4 47	1 40	30 11	9 57	19 14	19 32	25 58			n.a.
T 3	2 54	7 58	4 37	14 25	2 59	2 4	1 23	24 12	1 8	21 29	0 38	20 41	0 53	22 32	0 8	4 46	1 40	30 11	9 57	19 12	19 31	25 58			n.a.
W 4	3 18	1 41	3 56	14 36	2 58	1 33	1 22	24 10	1 9	21 28	0 38	20 41	0 53	22 33	0 8	4 45	1 40	30 12	9 58	19 10	19 30	25 57			n.a.
T 5	3 42	4s34	3 2	14 43	2 56	1 2	1 21	24 9	1 10	21 26	0 38	20 40	0 53	22 33	0 8	4 45	1 40	30 12	9 58	19 9	19 29	25 56			n.a.
F 6	4 6	10 29	1 58	14 47	2 53	0 31	1 21	24 7	1 12	21 25	0 38	20 39	0 53	22 33	0 8	4 44	1 40	30 12	9 59	19 7	19 29	25 55			n.a.
S 7	4 30	15 46	0 50	14 47	2 49	0s 0	1 20	24 6	1 13	21 24	0 38	20 38	0 53	22 34	0 8	4 43	1 40	30 12	9 59	19 7	19 28	25 55			n.a.
S 8	4 54	20 14	0s19	14 43	2 43	0 32	1 19	24 4	1 15	21 22	0 39	20 37	0 54	22 34	0 8	4 42	1 40	30 12	9 59	19 7	19 27	25 54			n.a.
M 9	5 17	23 39	1 25	14 35	2 36	1 3	1 17	24 2	1 16	21 21	0 39	20 36	0 54	22 34	0 8	4 41	1 40	30 12	10 0	19 7	19 26	25 53			n.a.
T 10	5 41	25 55	2 26	14 22	2 27	1 34	1 16	24 1	1 18	21 20	0 39	20 36	0 54	22 35	0 8	4 40	1 41	30 12	10 0	19 7	19 26	25 53			n.a.
W11	6 5	26 57	3 20	14 4	2 17	2 5	1 15	23 59	1 19	21 19	0 39	20 35	0 54	22 35	0 8	4 40	1 41	30 13	10 0	19 8	19 25	25 52			n.a.
T 12	6 28	26 44	4 5	13 41	2 5	2 36	1 14	23 57	1 21	21 17	0 39	20 34	0 54	22 35	0 8	4 39	1 41	30 13	10 1	19 8	19 24	25 51			n.a.
F 13	6 52	25 17	4 39	13 12	1 51	3 8	1 13	23 55	1 22	21 16	0 40	20 33	0 54	22 35	0 8	4 38	1 41	30 13	10 1	19 8	19 23	25 50			n.a.
S 14	7 15	22 43	5 2	12 39	1 35	3 39	1 11	23 53	1 24	21 15	0 40	20 33	0 55	22 36	0 8	4 37	1 41	30 13	10 1	19 7	19 23	25 49			n.a.
S 15	7 38	19 8	5 11	12 0	1 18	4 10	1 10	23 52	1 26	21 14	0 40	20 32	0 55	22 36	0 8	4 36	1 41	30 13	10 2	19 6	19 22	25 49			n.a.
M16	8 1	14 42	5 6	11 17	0 59	4 41	1 8	23 50	1 27	21 13	0 40	20 31	0 55	22 37	0 8	4 36	1 41	30 14	10 2	19 5	19 21	25 48			n.a.
T 17	8 24	9 35	4 47	10 31	0 40	5 11	1 7	23 48	1 29	21 12	0 41	20 31	0 55	22 37	0 8	4 35	1 41	30 14	10 2	19 3	19 20	25 47			n.a.
W18	8 47	3 58	4 14	9 43	0 19	5 42	1 5	23 46	1 30	21 11	0 41	20 30	0 55	22 37	0 8	4 34	1 41	30 14	10 3	19 2	19 20	25 46			n.a.
T 19	9 10	1n58	3 26	8 53	0n 2	6 13	1 4	23 44	1 32	21 10	0 41	20 30	0 56	22 38	0 8	4 33	1 41	30 14	10 3	19 1	19 19	25 46			n.a.
F 20	9 32	7 57	2 27	8 4	0 22	6 43	1 2	23 42	1 34	21 9	0 41	20 29	0 56	22 38	0 8	4 33	1 41	30 15	10 4	19 0	19 18	25 45			n.a.
S 21	9 55	13 41	1 17	7 17	0 42	7 13	1 0	23 40	1 35	21 8	0 41	20 29	0 56	22 38	0 8	4 32	1 41	30 15	10 4	18 59	19 17	25 44			n.a.
S 22	10 17	18 50	0 3	6 33	1 1	7 44	0 58	23 38	1 37	21 7	0 42	20 28	0 56	22 39	0 8	4 31	1 41	30 15	10 4	18 59	19 16	25 43			n.a.
M23	10 39	23 1	1n13	5 54	1 18	8 14	0 57	23 36	1 39	21 6	0 42	20 28	0 56	22 39	0 8	4 30	1 41	30 15	10 5	18 59	19 16	25 42			n.a.
T 24	11 1	25 51	2 26	5 20	1 33	8 43	0 55	23 34	1 40	21 5	0 42	20 27	0 56	22 39	0 8	4 30	1 41	30 16	10 5	19 0	19 15	25 41			n.a.
W25	11 23	27 4	3 29	4 52	1 47	9 13	0 53	23 32	1 42	21 4	0 42	20 27	0 57	22 40	0 8	4 29	1 41	30 16	10 5	19 0	19 14	25 41			n.a.
T 26	11 45	26 30	4 21	4 30	1 59	9 42	0 51	23 30	1 44	21 4	0 43	20 26	0 57	22 40	0 8	4 28	1 41	30 16	10 6	19 0	19 13	25 40			n.a.
F 27	12 6	24 14	4 56	4 15	2 8	10 12	0 49	23 28	1 46	21 3	0 43	20 26	0 57	22 41	0 8	4 27	1 41	30 17	10 6	19 0	19 13	25 39			n.a.
S 28	12 27	20 29	5 13	4 6	2 16	10 40	0 47	23 26	1 48	21 2	0 43	20 26	0 57	22 41	0 8	4 27	1 41	30 17	10 6	19 0	19 12	25 38			n.a.
S 29	12 48	15 36	5 12	4 2	2 22	11 9	0 45	23 25	1 49	21 2	0 43	20 25	0 57	22 41	0 8	4 26	1 41	30 17	10 7	19 0	19 11	25 37			n.a.
M30	13 9	9 56	4 51	4 4	2 26	11 37	0 43	23 23	1 51	21 1	0 44	20 25	0 58	22 42	0 8	4 25	1 41	30 18	10 7	18 59	19 10	25 36			n.a.
T 31	13s30	3n50	4n15	4s12	2n29	12s 6	0n41	23n21	1n53	21n 0	0n44	20n25	0n58	22s42	0s 8	4n25	1n41	30n18	10n 8	18n58	19n 9	25s35			n.a.

Julian Day Number = 1711834.5, Delta T = 03h00m20s
Ecliptic obliquity = 23°41'59, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°25'30, Lahiri = - 4°18'29 Julian Calendar 1 Oct. 27 BCE == Greg. Calendar 29 Sept. 027 BCE

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ASTRODIENST EPHEMERIS for the year 27 BCE
geocentric

NOVEMBER 27 BCE (-26) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 30 14	6♏30'44	13♎46	16♎52	4♏31	24♋36	0♌25	3♌59	12♐45	22♍53	29♋45	23°R56	24♉41	26♂15	n.a.	W 1
T 2	2 34 10	7°31'42	27°11	17°33	5°46	24°55	0°28	4° 1	12°48	22°55	29°45	23♉54	24°38	26°21	n.a.	T 2
F 3	2 38 7	8°32'41	10♏20	18°20	7° 2	25°14	0°31	4° 3	12°51	22°57	29°46	23°53	24°34	26°28	n.a.	F 3
S 4	2 42 3	9°33'41	23°14	19°14	8°18	25°32	0°34	4° 4	12°54	22°58	29°R46	23°D52	24°31	26°35	n.a.	S 4
S 5	2 46 0	10°34'43	5♐51	20°12	9°33	25°50	0°37	4° 5	12°57	23° 0	29°45	23°53	24°28	26°42	n.a.	S 5
M 6	2 49 57	11°35'45	18°13	21°15	10°49	26° 7	0°40	4° 7	13° 0	23° 2	29°45	23°54	24°25	26°48	n.a.	M 6
T 7	2 53 53	12°36'48	0♑22	22°22	12° 4	26°24	0°42	4° 8	13° 4	23° 3	29°45	23°55	24°22	26°55	n.a.	T 7
W 8	2 57 50	13°37'52	12°21	23°32	13°20	26°41	0°44	4° 9	13° 7	23° 5	29°45	23°56	24°19	27° 2	n.a.	W 8
T 9	3 1 46	14°38'57	24°14	24°45	14°35	26°57	0°46	4°10	13°10	23° 6	29°45	23°57	24°15	27° 8	n.a.	T 9
F 10	3 5 43	15°40'02	6♒ 5	26° 1	15°51	27°12	0°48	4°11	13°13	23° 8	29°45	23°57	24°12	27°15	n.a.	F 10
S 11	3 9 39	16°41'08	17°59	27°19	17° 7	27°27	0°50	4°12	13°17	23° 9	29°45	23°R58	24° 9	27°22	n.a.	S 11
S 12	3 13 36	17°42'14	0♓ 0	28°39	18°22	27°42	0°52	4°12	13°20	23°11	29°44	23°57	24° 6	27°28	n.a.	S 12
M13	3 17 32	18°43'21	12°14	0♏ 0	19°38	27°55	0°53	4°13	13°23	23°12	29°44	23°57	24° 3	27°35	n.a.	M13
T 14	3 21 29	19°44'28	24°45	1°23	20°53	28° 9	0°54	4°13	13°27	23°14	29°44	23°56	23°59	27°42	n.a.	T 14
W15	3 25 26	20°45'36	7♈35	2°47	22° 9	28°22	0°55	4°13	13°30	23°15	29°44	23°56	23°56	27°49	n.a.	W15
T 16	3 29 22	21°46'44	20°47	4°12	23°24	28°34	0°56	4°14	13°33	23°17	29°43	23°56	23°53	27°55	n.a.	T 16
F 17	3 33 19	22°47'53	4♉22	5°38	24°40	28°46	0°56	4°R14	13°37	23°18	29°43	23°55	23°50	28° 2	n.a.	F 17
S 18	3 37 15	23°49'02	18°17	7° 4	25°55	28°57	0°56	4°14	13°40	23°19	29°42	23°55	23°47	28° 9	n.a.	S 18
S 19	3 41 12	24°50'12	2♊31	8°32	27°11	29° 8	0°R57	4°13	13°44	23°21	29°42	23°55	23°44	28°15	n.a.	S 19
M20	3 45 8	25°51'23	16°58	10° 0	28°26	29°17	0°57	4°13	13°47	23°22	29°42	23°55	23°40	28°22	n.a.	M20
T 21	3 49 5	26°52'34	1♋32	11°28	29°42	29°27	0°56	4°13	13°51	23°23	29°41	23°55	23°37	28°29	n.a.	T 21
W22	3 53 1	27°53'46	16° 7	12°57	0♐57	29°36	0°56	4°12	13°54	23°24	29°41	23°55	23°34	28°36	n.a.	W22
T 23	3 56 58	28°54'58	0♌38	14°27	2°13	29°44	0°55	4°12	13°58	23°25	29°40	23°54	23°31	28°42	n.a.	T 23
F 24	4 0 55	29°56'11	15° 1	15°57	3°28	29°51	0°54	4°11	14° 1	23°27	29°39	23°54	23°28	28°49	n.a.	F 24
S 25	4 4 51	0♐57'25	29°11	17°27	4°44	29°58	0°53	4°10	14° 5	23°28	29°39	23°D54	23°25	28°56	n.a.	S 25
S 26	4 8 48	1°58'39	13♍ 7	18°58	5°59	0♌ 4	0°52	4° 9	14° 8	23°29	29°38	23°54	23°21	29° 2	n.a.	S 26
M27	4 12 44	2°59'54	26°48	20°29	7°15	0° 9	0°51	4° 8	14°12	23°30	29°37	23°54	23°18	29° 9	n.a.	M27
T 28	4 16 41	4° 1'09	10♎15	22° 0	8°30	0°14	0°49	4° 7	14°15	23°31	29°37	23°55	23°15	29°16	n.a.	T 28
W29	4 20 37	5° 2'25	23°27	23°31	9°46	0°18	0°47	4° 6	14°19	23°32	29°36	23°56	23°12	29°23	n.a.	W29
T 30	4 24 34	6♐ 3'40	6♏26	25♏ 3	11♐ 1	0♌21	0♌45	4♌ 5	14♐22	23♍33	29♋35	23♉57	23♉ 9	29♂29	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13 s50	2 s22	3n24	4 s23	2n30	12 s33	0n39	23n19	1n55	21n 0	0n44	20n24	0n58	22 s43	0 s 8	4n24	1n41	30n18	10n 8	18n58	19n 9	25 s34		n.a.
T 2	14 10	8 22	2 22	4 39	2 31	13 1	0 37	23 18	1 57	20 59	0 44	20 24	0 58	22 43	0 8	4 23	1 41	30 19	10 8	18 57	19 8	25 33		n.a.
F 3	14 30	13 55	1 14	4 58	2 30	13 28	0 34	23 16	1 59	20 59	0 45	20 24	0 58	22 43	0 8	4 23	1 41	30 19	10 9	18 57	19 7	25 33		n.a.
S 4	14 50	18 43	0 4	5 20	2 28	13 55	0 32	23 15	2 1	20 59	0 45	20 24	0 59	22 44	0 8	4 22	1 41	30 19	10 9	18 57	19 6	25 32		n.a.
S 5	15 9	22 36	1 s 6	5 45	2 25	14 21	0 30	23 13	2 3	20 58	0 45	20 24	0 59	22 44	0 8	4 22	1 41	30 20	10 9	18 57	19 6	25 31		n.a.
M 6	15 29	25 20	2 11	6 12	2 21	14 47	0 28	23 12	2 5	20 58	0 45	20 24	0 59	22 45	0 8	4 21	1 42	30 20	10 10	18 57	19 5	25 30		n.a.
T 7	15 47	26 51	3 9	6 41	2 17	15 13	0 26	23 11	2 7	20 57	0 45	20 23	0 59	22 45	0 8	4 20	1 42	30 20	10 10	18 57	19 4	25 29		n.a.
W 8	16 6	27 3	3 57	7 11	2 13	15 39	0 23	23 9	2 9	20 57	0 46	20 23	0 59	22 45	0 8	4 20	1 42	30 21	10 11	18 58	19 3	25 28		n.a.
T 9	16 24	26 1	4 35	7 43	2 8	16 3	0 21	23 8	2 11	20 57	0 46	20 23	1 0	22 46	0 8	4 19	1 42	30 21	10 11	18 58	19 2	25 27		n.a.
F 10	16 43	23 49	5 2	8 16	2 2	16 28	0 19	23 7	2 13	20 57	0 46	20 23	1 0	22 46	0 8	4 19	1 42	30 22	10 11	18 58	19 2	25 26		n.a.
S 11	17 0	20 36	5 15	8 50	1 56	16 52	0 16	23 6	2 15	20 57	0 46	20 23	1 0	22 47	0 8	4 18	1 42	30 22	10 12	18 58	19 1	25 25		n.a.
S 12	17 18	16 30	5 15	9 24	1 50	17 16	0 14	23 5	2 17	20 57	0 47	20 23	1 0	22 47	0 8	4 17	1 42	30 22	10 12	18 58	19 0	25 24		n.a.
M13	17 35	11 40	5 1	9 59	1 43	17 39	0 12	23 5	2 20	20 57	0 47	20 23	1 0	22 47	0 8	4 17	1 42	30 23	10 12	18 58	18 59	25 23		n.a.
T 14	17 52	6 16	4 33	10 34	1 37	18 1	0 9	23 4	2 22	20 57	0 47	20 24	1 1	22 48	0 8	4 16	1 42	30 23	10 13	18 58	18 58	25 22		n.a.
W15	18 8	0 28	3 50	11 10	1 30	18 24	0 7	23 4	2 24	20 57	0 48	20 24	1 1	22 48	0 8	4 16	1 42	30 24	10 13	18 58	18 58	25 21		n.a.
T 16	18 24	5n31	2 54	11 45	1 23	18 45	0 4	23 3	2 26	20 57	0 48	20 24	1 1	22 49	0 8	4 15	1 42	30 24	10 13	18 57	18 57	25 20		n.a.
F 17	18 40	11 27	1 46	12 21	1 16	19 6	0 2	23 3	2 28	20 57	0 48	20 24	1 1	22 49	0 8	4 15	1 42	30 25	10 14	18 57	18 56	25 19		n.a.
S 18	18 56	16 58	0 31	12 56	1 9	19 27	0 s 0	23 3	2 31	20 57	0 48	20 24	1 1	22 50	0 8	4 14	1 42	30 25	10 14	18 57	18 55	25 18		n.a.
S 19	19 11	21 40	0n48	13 32	1 2	19 47	0 3	23 3	2 33	20 57	0 49	20 24	1 2	22 50	0 8	4 14	1 42	30 25	10 14	18 57	18 54	25 17		n.a.
M20	19 26	25 7	2 4	14 7	0 54	20 7	0 5	23 3	2 35	20 58	0 49	20 25	1 2	22 50	0 8	4 13	1 42	30 26	10 15	18 57	18 54	25 16		n.a.
T 21	19 40	26 55	3 14	14 41	0 47	20 26	0 7	23 3	2 38	20 58	0 49	20 25	1 2	22 51	0 8	4 13	1 42	30 26	10 15	18 57	18 53	25 15		n.a.
W22	19 54	26 52	4 11	15 16	0 40	20 44	0 10	23 4	2 40	20 58	0 49	20 25	1 2	22 51	0 8	4 13	1 42	30 27	10 16	18 57	18 52	25 14		n.a.
T 23	20 8	24 58	4 51	15 50	0 33	21 2	0 12	23 4	2 42	20 59	0 50	20 26	1 2	22 52	0 8	4 12	1 42	30 27	10 16	18 57	18 51	25 13		n.a.
F 24	20 21	21 29	5 13	16 23	0 25	21 19	0 15	23 5	2 45	20 59	0 50	20 26	1 3	22 52	0 8	4 12	1 43	30 28	10 16	18 57	18 50	25 12		n.a.
S 25	20 34	16 48	5 16	16 56	0 18	21 35	0 17	23 6	2 47	21 0	0 50	20 26	1 3	22 53	0 8	4 11	1 43	30 28	10 17	18 57	18 50	25 11		n.a.
S 26	20 47	11 18	4 59	17 28	0 11	21 51	0 19	23 7	2 50	21 0	0 50	20 27	1 3	22 53	0 8	4 11	1 43	30 29	10 17	18 57	18 49	25 9		n.a.
M27	20 59	5 21	4 26	18 0	0 4	22 7	0 22	23 8	2 52	21 1	0 51	20 27	1 3	22 53	0 8	4 11	1 43	30 29	10 17	18 57	18 48	25 8		n.a.
T 28	21 11	0 s45	3 39	18 31	0 s 3	22 21	0 24	23 10	2 55	21 1	0 51	20 28	1 3	22 54	0 8	4 10	1 43	30 30	10 18	18 57	18 47	25 7		n.a.
W29	21 22	6 43	2 41	19 1	0 10	22 35	0 26	23 11	2 57	21 2	0 51	20 28	1 4	22 54	0 8	4 10	1 43	30 30	10 18	18 58	18 46	25 6		n.a.
T 30	21 s33	12 s19	1n36	19 s30	0 s16	22 s48	0 s28	23n13	3n 0	21n 3	0n51	20n29	1n 4	22 s55	0 s 8	4n10	1n43	30n31	10n18	18n58	18n46	25 s 5		n.a.

Julian Day Number = 1711865.5, Delta T = 03h00m19s
Ecliptic obliquity = 23°41'59, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°25'25, Lahiri = - 4°18'25 Julian Calendar 1 Nov. 27 BCE == Greg. Calendar 30 Oct. 027 BCE

The year -26 astronomical counting style corresponds to year 027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 27 BCE
geocentric

DECEMBER 27 BCE (-26) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 28 30	7♐ 4'57	19♏13	26♏36	12♐17	0♌24	0°R43	4°R 3	14♐26	23♍34	29°R35	23°R58	23♉ 5	29♑36	n.a.	F 1
S 2	4 32 27	8° 6'13	1♐47	28° 8	13°32	0°26	0♌40	4♌ 2	14°29	23°35	29♋34	23♉58	23° 2	29°43	n.a.	S 2
S 3	4 36 24	9° 7'30	14°10	29°41	14°48	0°27	0°38	4° 0	14°33	23°36	29°33	23°57	22°59	29°49	n.a.	S 3
M 4	4 40 20	10° 8'46	26°23	1♐14	16° 3	0°R27	0°35	3°58	14°37	23°36	29°32	23°55	22°56	29°56	n.a.	M 4
T 5	4 44 17	11°10'02	8♑27	2°48	17°19	0°27	0°32	3°56	14°40	23°37	29°31	23°52	22°53	0♒ 3	n.a.	T 5
W 6	4 48 13	12°11'19	20°24	4°21	18°34	0°25	0°29	3°54	14°44	23°38	29°30	23°49	22°50	0°10	n.a.	W 6
T 7	4 52 10	13°12'34	2♒16	5°55	19°49	0°23	0°26	3°52	14°47	23°39	29°29	23°46	22°46	0°16	n.a.	T 7
F 8	4 56 6	14°13'50	14° 7	7°30	21° 5	0°20	0°22	3°50	14°51	23°39	29°29	23°43	22°43	0°23	n.a.	F 8
S 9	5 0 3	15°15'04	25°59	9° 5	22°20	0°17	0°18	3°48	14°55	23°40	29°28	23°41	22°40	0°30	n.a.	S 9
S 10	5 4 0	16°16'19	7♓58	10°40	23°36	0°12	0°14	3°45	14°58	23°41	29°27	23°39	22°37	0°36	n.a.	S 10
M11	5 7 56	17°17'32	20° 8	12°16	24°51	0° 7	0°10	3°43	15° 2	23°41	29°26	23°D39	22°34	0°43	n.a.	M11
T 12	5 11 53	18°18'45	2♈34	13°52	26° 6	0° 1	0° 6	3°40	15° 5	23°42	29°25	23°40	22°30	0°50	n.a.	T 12
W13	5 15 49	19°19'58	15°19	15°28	27°22	29♋54	0° 2	3°37	15° 9	23°42	29°23	23°41	22°27	0°57	n.a.	W13
T 14	5 19 46	20°21'09	28°28	17° 5	28°37	29°47	29♋57	3°35	15°13	23°43	29°22	23°43	22°24	1° 3	n.a.	T 14
F 15	5 23 42	21°22'21	12♉ 4	18°43	29°52	29°38	29°52	3°32	15°16	23°43	29°21	23°44	22°21	1°10	n.a.	F 15
S 16	5 27 39	22°23'31	26° 6	20°21	1♑ 8	29°29	29°47	3°29	15°20	23°44	29°20	23°R45	22°18	1°17	n.a.	S 16
S 17	5 31 35	23°24'41	10♊34	21°59	2°23	29°19	29°42	3°26	15°23	23°44	29°19	23°44	22°15	1°23	n.a.	S 17
M18	5 35 32	24°25'50	25°22	23°38	3°38	29° 8	29°37	3°23	15°27	23°45	29°18	23°41	22°11	1°30	n.a.	M18
T 19	5 39 29	25°26'58	10♋22	25°17	4°53	28°56	29°32	3°19	15°30	23°45	29°17	23°37	22° 8	1°37	n.a.	T 19
W20	5 43 25	26°28'06	25°26	26°57	6° 9	28°44	29°26	3°16	15°34	23°45	29°16	23°32	22° 5	1°44	n.a.	W20
T 21	5 47 22	27°29'14	10♌24	28°38	7°24	28°31	29°21	3°13	15°38	23°46	29°14	23°27	22° 2	1°50	n.a.	T 21
F 22	5 51 18	28°30'21	25° 8	0♑19	8°39	28°17	29°15	3° 9	15°41	23°46	29°13	23°23	21°59	1°57	n.a.	F 22
S 23	5 55 15	29°31'27	9♍33	2° 0	9°54	28° 2	29° 9	3° 6	15°45	23°46	29°12	23°20	21°56	2° 4	n.a.	S 23
S 24	5 59 11	0♑32'33	23°34	3°42	11°10	27°47	29° 3	3° 2	15°48	23°46	29°11	23°18	21°52	2°10	n.a.	S 24
M25	6 3 8	1°33'38	7♎13	5°25	12°25	27°31	28°56	2°58	15°52	23°46	29° 9	23°D18	21°49	2°17	n.a.	M25
T 26	6 7 5	2°34'42	20°29	7° 8	13°40	27°14	28°50	2°55	15°55	23°46	29° 8	23°19	21°46	2°24	n.a.	T 26
W27	6 11 1	3°35'46	3♏26	8°51	14°55	26°56	28°44	2°51	15°59	23°46	29° 7	23°20	21°43	2°31	n.a.	W27
T 28	6 14 58	4°36'50	16° 7	10°36	16°10	26°38	28°37	2°47	16° 2	23°R46	29° 6	23°22	21°40	2°37	n.a.	T 28
F 29	6 18 54	5°37'52	28°35	12°20	17°25	26°19	28°30	2°43	16° 5	23°46	29° 4	23°R22	21°36	2°44	n.a.	F 29
S 30	6 22 51	6°38'54	10♐52	14° 5	18°41	26° 0	28°23	2°39	16° 9	23°46	29° 3	23°20	21°33	2°51	n.a.	S 30
S 31	6 26 47	7♑39'55	23♐ 0	15♑50	19♑56	25♋40	28♋16	2♌35	16♐12	23♍46	29♋ 2	23♉16	21♉30	2♒57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s44	17s18	0n26	19s59	0s23	23s 1	0s31	23n15	3n 2	21n 3	0n52	20n29	1n 4	22s55	0s 8	4n 9	1n43	30n31	10n19	18n58	18n45	25s 4		n.a.
S 2	21 54	21 27	0s43	20 27	0 30	23 13	0 33	23 17	3 5	21 4	0 52	20 30	1 4	22 56	0 8	4 9	1 43	30 31	10 19	18 58	18 44	25 3		n.a.
S 3	22 4	24 34	1 49	20 53	0 36	23 24	0 35	23 19	3 7	21 5	0 52	20 30	1 4	22 56	0 8	4 9	1 43	30 32	10 19	18 58	18 43	25 2		n.a.
M 4	22 13	26 29	2 50	21 19	0 42	23 35	0 37	23 21	3 10	21 6	0 52	20 31	1 5	22 56	0 8	4 8	1 43	30 32	10 19	18 57	18 42	25 1		n.a.
T 5	22 22	27 7	3 41	21 44	0 48	23 45	0 40	23 24	3 12	21 7	0 53	20 32	1 5	22 57	0 8	4 8	1 43	30 33	10 20	18 57	18 42	24 59		n.a.
W 6	22 30	26 28	4 23	22 8	0 54	23 54	0 42	23 27	3 15	21 8	0 53	20 32	1 5	22 57	0 8	4 8	1 43	30 33	10 20	18 56	18 41	24 58		n.a.
T 7	22 38	24 37	4 53	22 31	1 0	24 2	0 44	23 30	3 17	21 9	0 53	20 33	1 5	22 58	0 8	4 8	1 43	30 34	10 20	18 55	18 40	24 57		n.a.
F 8	22 45	21 43	5 10	22 53	1 6	24 9	0 46	23 33	3 20	21 10	0 53	20 34	1 5	22 58	0 8	4 7	1 43	30 34	10 21	18 54	18 39	24 56		n.a.
S 9	22 52	17 55	5 14	23 14	1 11	24 16	0 48	23 36	3 22	21 11	0 54	20 35	1 6	22 59	0 8	4 7	1 43	30 35	10 21	18 54	18 38	24 55		n.a.
S 10	22 59	13 22	5 5	23 33	1 16	24 22	0 50	23 40	3 25	21 12	0 54	20 35	1 6	22 59	0 8	4 7	1 44	30 35	10 21	18 53	18 37	24 54		n.a.
M11	23 5	8 15	4 42	23 51	1 22	24 28	0 52	23 43	3 28	21 13	0 54	20 36	1 6	22 59	0 8	4 7	1 44	30 36	10 22	18 53	18 37	24 52		n.a.
T 12	23 11	2 43	4 5	24 8	1 26	24 32	0 54	23 47	3 30	21 14	0 54	20 37	1 6	23 0	0 9	4 7	1 44	30 37	10 22	18 54	18 36	24 51		n.a.
W13	23 16	3n 6	3 16	24 24	1 31	24 36	0 56	23 51	3 33	21 15	0 55	20 38	1 6	23 0	0 9	4 7	1 44	30 37	10 22	18 54	18 35	24 50		n.a.
T 14	23 21	8 57	2 14	24 39	1 35	24 39	0 58	23 55	3 35	21 16	0 55	20 39	1 7	23 1	0 9	4 6	1 44	30 38	10 22	18 54	18 34	24 49		n.a.
F 15	23 25	14 37	1 4	24 52	1 39	24 41	0 59	24 0	3 38	21 18	0 55	20 39	1 7	23 1	0 9	4 6	1 44	30 38	10 23	18 55	18 33	24 48		n.a.
S 16	23 29	19 42	0n13	25 3	1 43	24 43	1 1	24 4	3 40	21 19	0 55	20 40	1 7	23 1	0 9	4 6	1 44	30 39	10 23	18 55	18 33	24 46		n.a.
S 17	23 32	23 46	1 31	25 14	1 47	24 44	1 3	24 9	3 43	21 20	0 56	20 41	1 7	23 2	0 9	4 6	1 44	30 39	10 23	18 55	18 32	24 45		n.a.
M18	23 35	26 21	2 44	25 22	1 50	24 44	1 5	24 13	3 45	21 22	0 56	20 42	1 7	23 2	0 9	4 6	1 44	30 40	10 23	18 54	18 31	24 44		n.a.
T 19	23 37	27 4	3 47	25 29	1 53	24 43	1 6	24 18	3 48	21 23	0 56	20 43	1 7	23 3	0 9	4 6	1 44	30 40	10 24	18 53	18 30	24 43		n.a.
W20	23 39	25 47	4 35	25 35	1 55	24 41	1 8	24 23	3 50	21 24	0 56	20 44	1 8	23 3	0 9	4 6	1 44	30 41	10 24	18 52	18 29	24 41		n.a.
T 21	23 41	22 41	5 3	25 39	1 58	24 39	1 10	24 28	3 52	21 26	0 56	20 45	1 8	23 3	0 9	4 6	1 44	30 41	10 24	18 50	18 28	24 40		n.a.
F 22	23 41	18 9	5 11	25 41	1 59	24 36	1 11	24 33	3 55	21 27	0 57	20 46	1 8	23 4	0 9	4 6	1 44	30 42	10 24	18 49	18 28	24 39		n.a.
S 23	23 42	12 41	4 59	25 42	2 1	24 32	1 13	24 39	3 57	21 29	0 57	20 47	1 8	23 4	0 9	4 6	1 44	30 42	10 25	18 48	18 27	24 38		n.a.
S 24	23 42	6 41	4 29	25 41	2 2	24 27	1 14	24 44	3 59	21 30	0 57	20 48	1 8	23 5	0 9	4 6	1 44	30 43	10 25	18 48	18 26	24 36		n.a.
M25	23 41	0 32	3 45	25 38	2 3	24 22	1 15	24 50	4 1	21 32	0 57	20 49	1 8	23 5	0 9	4 6	1 44	30 43	10 25	18 48	18 25	24 35		n.a.
T 26	23 40	5s29	2 49	25 33	2 3	24 16	1 17	24 55	4 4	21 33	0 58	20 50	1 9	23 5	0 9	4 6	1 45	30 44	10 25	18 48	18 24	24 34		n.a.
W27	23 39	11 8	1 46	25 26	2 3	24 9	1 18	25 1	4 6	21 35	0 58	20 51	1 9	23 6	0 9	4 6	1 45	30 44	10 26	18 49	18 23	24 32		n.a.
T 28	23 37	16 13	0 39	25 18	2 2	24 1	1 19	25 6	4 8	21 36	0 58	20 52	1 9	23 6	0 9	4 6	1 45	30 45	10 26	18 49	18 23	24 31		n.a.
F 29	23 35	20 31	0s28	25 8	2 1	23 53	1 20	25 12	4 10	21 38	0 58	20 53	1 9	23 6	0 9	4 6	1 45	30 45	10 26	18 49	18 22	24 30		n.a.
S 30	23 32	23 51	1 33	24 55	1 59	23 43	1 21	25 18	4 11	21 40	0 58	20 54	1 9	23 7	0 9	4 6	1 45	30 46	10 26	18 49	18 21	24 28		n.a.
S 31	23s29	26s 4	2s33	24s41	1s57	23s34	1s22	25n23	4n13	21n41	0n59	20n55	1n 9	23s 7	0s 9	4n 6	1n45	30n46	10n26	18n48	18n20	24s27		n.a.

Julian Day Number = 1711895.5, Delta T = 03h00m18s
Ecliptic obliquity = 23°41'58, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°25'21, Lahiri = - 4°18'21 Julian Calendar 1 Dec. 27 BCE == Greg. Calendar 29 Nov. 027 BCE

The year -26 astronomical counting style corresponds to year 027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 26 BCE
geocentric

JANUARY 26 BCE (-25) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 30 44	8♑40'55	5♑ 3	17♑35	21♑11	25°R19	28°R 9	2°R31	16♐16	23°R46	29°R 0	23°R10	21♉27	3♒ 4	n.a.	M 1
T 2	6 34 40	9°41'53	17° 0	19°21	22°26	24♋58	28♋ 2	2♌26	16°19	23♏46	28♋59	23♉ 2	21°24	3°11	n.a.	T 2
W 3	6 38 37	10°42'51	28°54	21° 6	23°41	24°36	27°55	2°22	16°22	23°46	28°57	22°52	21°21	3°18	n.a.	W 3
T 4	6 42 34	11°43'47	10♒45	22°51	24°56	24°14	27°48	2°18	16°26	23°46	28°56	22°42	21°17	3°24	n.a.	T 4
F 5	6 46 30	12°44'42	22°36	24°36	26°11	23°52	27°40	2°13	16°29	23°45	28°55	22°32	21°14	3°31	n.a.	F 5
S 6	6 50 27	13°45'35	4♓30	26°20	27°26	23°29	27°33	2° 9	16°32	23°45	28°53	22°24	21°11	3°38	n.a.	S 6
S 7	6 54 23	14°46'27	16°29	28° 4	28°41	23° 6	27°25	2° 5	16°36	23°45	28°52	22°18	21° 8	3°44	n.a.	S 7
M 8	6 58 20	15°47'17	28°36	29°46	29°56	22°43	27°18	2° 0	16°39	23°44	28°50	22°14	21° 5	3°51	n.a.	M 8
T 9	7 2 16	16°48'06	10♈57	1♒27	1♒11	22°19	27°10	1°55	16°42	23°44	28°49	22°12	21° 2	3°58	n.a.	T 9
W10	7 6 13	17°48'53	23°35	3° 5	2°26	21°56	27° 2	1°51	16°45	23°44	28°47	22°D12	20°58	4° 5	n.a.	W10
T 11	7 10 9	18°49'38	6♉36	4°42	3°41	21°32	26°54	1°46	16°49	23°43	28°46	22°13	20°55	4°11	n.a.	T 11
F 12	7 14 6	19°50'21	20° 3	6°15	4°56	21° 8	26°47	1°42	16°52	23°43	28°44	22°R14	20°52	4°18	n.a.	F 12
S 13	7 18 3	20°51'03	3♊59	7°46	6°11	20°44	26°39	1°37	16°55	23°42	28°43	22°13	20°49	4°25	n.a.	S 13
S 14	7 21 59	21°51'44	18°24	9°12	7°26	20°20	26°31	1°32	16°58	23°42	28°42	22°10	20°46	4°32	n.a.	S 14
M15	7 25 56	22°52'22	3♋15	10°33	8°40	19°56	26°23	1°27	17° 1	23°41	28°40	22° 5	20°42	4°38	n.a.	M15
T 16	7 29 52	23°52'59	18°25	11°49	9°55	19°32	26°15	1°23	17° 4	23°40	28°39	21°57	20°39	4°45	n.a.	T 16
W17	7 33 49	24°53'34	3♌45	12°59	11°10	19° 9	26° 7	1°18	17° 7	23°40	28°37	21°48	20°36	4°52	n.a.	W17
T 18	7 37 45	25°54'08	19° 3	14° 2	12°25	18°45	25°59	1°13	17°10	23°39	28°36	21°38	20°33	4°58	n.a.	T 18
F 19	7 41 42	26°54'40	4♍ 8	14°58	13°39	18°22	25°51	1° 8	17°13	23°38	28°34	21°29	20°30	5° 5	n.a.	F 19
S 20	7 45 38	27°55'11	18°51	15°45	14°54	17°59	25°43	1° 4	17°16	23°38	28°33	21°21	20°27	5°12	n.a.	S 20
S 21	7 49 35	28°55'40	3♎ 7	16°24	16° 9	17°36	25°36	0°59	17°19	23°37	28°31	21°16	20°23	5°19	n.a.	S 21
M22	7 53 32	29°56'07	16°54	16°53	17°24	17°14	25°28	0°54	17°22	23°36	28°30	21°13	20°20	5°25	n.a.	M22
T 23	7 57 28	0♒56'33	0♏12	17°13	18°38	16°52	25°20	0°49	17°25	23°35	28°28	21°D13	20°17	5°32	n.a.	T 23
W24	8 1 25	1°56'58	13° 7	17°R22	19°53	16°31	25°12	0°44	17°28	23°35	28°27	21°13	20°14	5°39	n.a.	W24
T 25	8 5 21	2°57'22	25°41	17°22	21° 7	16°10	25° 4	0°39	17°30	23°34	28°25	21°R13	20°11	5°45	n.a.	T 25
F 26	8 9 18	3°57'44	7♐59	17°12	22°22	15°49	24°56	0°35	17°33	23°33	28°24	21°12	20° 8	5°52	n.a.	F 26
S 27	8 13 14	4°58'04	20° 6	16°51	23°36	15°29	24°49	0°30	17°36	23°32	28°22	21° 8	20° 4	5°59	n.a.	S 27
S 28	8 17 11	5°58'23	2♑ 5	16°22	24°51	15° 9	24°41	0°25	17°39	23°31	28°21	21° 2	20° 1	6° 6	n.a.	S 28
M29	8 21 7	6°58'40	13°59	15°45	26° 5	14°51	24°33	0°20	17°41	23°30	28°19	20°52	19°58	6°12	n.a.	M29
T 30	8 25 4	7°58'55	25°51	15° 0	27°20	14°32	24°26	0°15	17°44	23°29	28°18	20°40	19°55	6°19	n.a.	T 30
W31	8 29 1	8♒59'08	7♒43	14♒ 8	28♒34	14♋15	24♋18	0♌11	17♐46	23♏28	28♋16	20♉26	19♉52	6♒26	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23 s25	27 s 2	3 s26	24 s25	1 s54	23 s23	1 s23	25n29	4n15	21n43	0n59	20n57	1n10	23 s 8	0 s 9	4n 6	1n45	30n47	10n27	18n46	18n19	24 s26			n.a.
T 2	23 20	26 43	4 8	24 7	1 51	23 12	1 24	25 34	4 17	21 44	0 59	20 58	1 10	23 8	0 9	4 6	1 45	30 47	10 27	18 44	18 18	24 24			n.a.
W 3	23 16	25 10	4 40	23 47	1 47	23 0	1 25	25 40	4 18	21 46	0 59	20 59	1 10	23 8	0 9	4 6	1 45	30 48	10 27	18 41	18 18	24 23			n.a.
T 4	23 11	22 31	5 0	23 25	1 42	22 47	1 26	25 45	4 20	21 48	0 59	21 0	1 10	23 9	0 9	4 7	1 45	30 48	10 27	18 39	18 17	24 22			n.a.
F 5	23 5	18 56	5 6	23 1	1 36	22 34	1 27	25 51	4 21	21 49	0 59	21 1	1 10	23 9	0 9	4 7	1 45	30 49	10 27	18 36	18 16	24 20			n.a.
S 6	22 59	14 36	4 59	22 35	1 30	22 20	1 27	25 56	4 22	21 51	1 0	21 2	1 10	23 9	0 9	4 7	1 45	30 49	10 27	18 34	18 15	24 19			n.a.
S 7	22 52	9 41	4 40	22 8	1 23	22 5	1 28	26 1	4 23	21 53	1 0	21 3	1 10	23 10	0 9	4 7	1 45	30 49	10 28	18 33	18 14	24 18			n.a.
M 8	22 45	4 20	4 7	21 39	1 15	21 50	1 29	26 6	4 25	21 54	1 0	21 5	1 11	23 10	0 9	4 7	1 45	30 50	10 28	18 32	18 13	24 16			n.a.
T 9	22 38	1n17	3 23	21 8	1 7	21 33	1 29	26 11	4 26	21 56	1 0	21 6	1 11	23 10	0 9	4 7	1 45	30 50	10 28	18 31	18 13	24 15			n.a.
W10	22 30	6 59	2 27	20 37	0 57	21 17	1 29	26 16	4 26	21 58	1 0	21 7	1 11	23 11	0 9	4 8	1 46	30 51	10 28	18 31	18 12	24 13			n.a.
T 11	22 22	12 34	1 23	20 4	0 47	21 0	1 30	26 21	4 27	21 59	1 0	21 8	1 11	23 11	0 9	4 8	1 46	30 51	10 28	18 31	18 11	24 12			n.a.
F 12	22 13	17 46	0 12	19 30	0 36	20 42	1 30	26 26	4 28	22 1	1 1	21 9	1 11	23 11	0 9	4 8	1 46	30 52	10 28	18 31	18 10	24 11			n.a.
S 13	22 4	22 12	1n 2	18 55	0 25	20 23	1 30	26 30	4 28	22 3	1 1	21 10	1 11	23 12	0 9	4 8	1 46	30 52	10 28	18 31	18 9	24 9			n.a.
S 14	21 54	25 26	2 15	18 21	0 12	20 4	1 30	26 34	4 29	22 4	1 1	21 12	1 11	23 12	0 9	4 9	1 46	30 53	10 29	18 31	18 8	24 8			n.a.
M15	21 44	27 0	3 20	17 46	0n 1	19 45	1 31	26 38	4 29	22 6	1 1	21 13	1 12	23 12	0 9	4 9	1 46	30 53	10 29	18 29	18 7	24 6			n.a.
T 16	21 34	26 36	4 13	17 11	0 15	19 24	1 31	26 42	4 29	22 8	1 1	21 14	1 12	23 13	0 9	4 9	1 46	30 54	10 29	18 27	18 7	24 5			n.a.
W17	21 23	24 11	4 48	16 37	0 30	19 4	1 30	26 46	4 30	22 9	1 1	21 15	1 12	23 13	0 9	4 10	1 46	30 54	10 29	18 25	18 6	24 3			n.a.
T 18	21 12	20 3	5 3	16 4	0 45	18 42	1 30	26 49	4 30	22 11	1 1	21 16	1 12	23 13	0 9	4 10	1 46	30 54	10 29	18 22	18 5	24 2			n.a.
F 19	21 0	14 41	4 56	15 33	1 1	18 21	1 30	26 52	4 30	22 13	1 1	21 18	1 12	23 14	0 9	4 10	1 46	30 55	10 29	18 20	18 4	24 0			n.a.
S 20	20 48	8 34	4 29	15 4	1 17	17 58	1 30	26 55	4 29	22 14	1 2	21 19	1 12	23 14	0 9	4 11	1 46	30 55	10 29	18 18	18 3	23 59			n.a.
S 21	20 36	2 12	3 46	14 36	1 34	17 36	1 30	26 58	4 29	22 16	1 2	21 20	1 12	23 14	0 9	4 11	1 46	30 56	10 29	18 16	18 2	23 58			n.a.
M22	20 23	4 s 4	2 52	14 12	1 50	17 12	1 29	27 1	4 29	22 17	1 2	21 21	1 12	23 14	0 9	4 11	1 46	30 56	10 29	18 16	18 1	23 56			n.a.
T 23	20 10	9 58	1 49	13 51	2 6	16 48	1 29	27 3	4 28	22 19	1 2	21 22	1 12	23 15	0 9	4 12	1 46	30 56	10 29	18 15	18 1	23 55			n.a.
W24	19 56	15 16	0 43	13 33	2 22	16 24	1 28	27 5	4 28	22 21	1 2	21 23	1 12	23 15	0 9	4 12	1 46	30 57	10 29	18 16	18 0	23 53			n.a.
T 25	19 43	19 46	0 s24	13 18	2 37	16 0	1 28	27 7	4 27	22 22	1 2	21 25	1 13	23 15	0 9	4 13	1 46	30 57	10 30	18 16	17 59	23 52			n.a.
F 26	19 28	23 19	1 28	13 8	2 52	15 35	1 27	27 9	4 26	22 24	1 2	21 26	1 13	23 16	0 9	4 13	1 46	30 58	10 30	18 15	17 58	23 50			n.a.
S 27	19 14	25 46	2 27	13 1	3 5	15 9	1 26	27 11	4 25	22 25	1 2	21 27	1 13	23 16	0 9	4 13	1 46	30 58	10 30	18 14	17 57	23 49			n.a.
S 28	18 59	26 59	3 18	12 58	3 17	14 43	1 25	27 12	4 24	22 27	1 2	21 28	1 13	23 16	0 9	4 14	1 47	30 58	10 30	18 13	17 56	23 47			n.a.
M29	18 44	26 57	4 1	12 59	3 27	14 17	1 25	27 13	4 23	22 28	1 2	21 29	1 13	23 16	0 9	4 14	1 47	30 59	10 30	18 10	17 55	23 45			n.a.
T 30	18 28	25 40	4 32	13 4	3 36	13 50	1 24	27 14	4 22	22 29	1 2	21 30	1 13	23 17	0 9	4 15	1 47	30 59	10 30	18 7	17 55	23 44			n.a.
W31	18 s12	23 s14	4 s52	13 s13	3n43	13 s23	1 s23	27n15	4n21	22n31	1n 2	21n31	1n13	23 s17	0 s 9	4n15	1n47	30n59	10n30	18n 3	17n54	23 s42			n.a.

Julian Day Number = 1711926.5, Delta T = 03h00m18s
Ecliptic obliquity = 23°41'58, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°25'17, Lahiri = - 4°18'17 Julian Calendar 1 Jan. 26 BCE == Greg. Calendar 30 Dec. 027 BCE

The year -25 astronomical counting style corresponds to year 026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 26 BCE
geocentric

FEBRUARY 26 BCE (-25) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 32 57	9♒59'19	19♒35	13°R12	29♒49	13°R58	24°R11	0°R 6	17♐49	23°R27	28°R15	20°R12	19♉48	6♒32	n.a.	T 1
F 2	8 36 54	10°59'29	1♓30	12♒12	1♓ 3	13♋42	24♋ 3	0♌ 1	17°52	23♍26	28♋13	19♉57	19°45	6°39	n.a.	F 2
S 3	8 40 50	11°59'36	13°28	11°10	2°17	13°26	23°56	29♋56	17°54	23°25	28°12	19°45	19°42	6°46	n.a.	S 3
S 4	8 44 47	12°59'41	25°31	10° 8	3°32	13°11	23°49	29°52	17°56	23°23	28°11	19°34	19°39	6°53	n.a.	S 4
M 5	8 48 43	13°59'44	7♈42	9° 7	4°46	12°57	23°42	29°47	17°59	23°22	28° 9	19°27	19°36	6°59	n.a.	M 5
T 6	8 52 40	14°59'45	20° 4	8° 8	6° 0	12°44	23°35	29°43	18° 1	23°21	28° 8	19°23	19°33	7° 6	n.a.	T 6
W 7	8 56 36	15°59'44	2♉41	7°12	7°14	12°31	23°28	29°38	18° 3	23°20	28° 6	19°21	19°29	7°13	n.a.	W 7
T 8	9 0 33	16°59'40	15°37	6°20	8°29	12°20	23°21	29°34	18° 6	23°19	28° 5	19°21	19°26	7°20	n.a.	T 8
F 9	9 4 30	17°59'34	28°55	5°34	9°43	12° 9	23°15	29°29	18° 8	23°17	28° 4	19°20	19°23	7°26	n.a.	F 9
S 10	9 8 26	18°59'26	12♊40	4°54	10°57	11°59	23° 8	29°25	18°10	23°16	28° 2	19°19	19°20	7°33	n.a.	S 10
S 11	9 12 23	19°59'15	26°52	4°19	12°11	11°49	23° 2	29°20	18°12	23°15	28° 1	19°16	19°17	7°40	n.a.	S 11
M12	9 16 19	20°59'02	11♋31	3°51	13°25	11°41	22°55	29°16	18°14	23°14	27°59	19°10	19°14	7°46	n.a.	M12
T 13	9 20 16	21°58'47	26°33	3°30	14°39	11°33	22°49	29°12	18°16	23°12	27°58	19° 2	19°10	7°53	n.a.	T 13
W14	9 24 12	22°58'30	11♌49	3°15	15°53	11°26	22°43	29° 8	18°19	23°11	27°57	18°51	19° 7	8° 0	n.a.	W14
T 15	9 28 9	23°58'10	27° 8	3° 7	17° 7	11°20	22°37	29° 3	18°20	23° 9	27°55	18°40	19° 4	8° 7	n.a.	T 15
F 16	9 32 5	24°57'48	12♍20	3°D 4	18°20	11°14	22°32	28°59	18°22	23° 8	27°54	18°29	19° 1	8°13	n.a.	F 16
S 17	9 36 2	25°57'24	27°13	3° 8	19°34	11°10	22°26	28°55	18°24	23° 7	27°53	18°20	18°58	8°20	n.a.	S 17
S 18	9 39 59	26°56'59	11♎40	3°17	20°48	11° 6	22°21	28°51	18°26	23° 5	27°52	18°13	18°54	8°27	n.a.	S 18
M19	9 43 55	27°56'31	25°37	3°32	22° 2	11° 3	22°15	28°47	18°28	23° 4	27°50	18° 9	18°51	8°33	n.a.	M19
T 20	9 47 52	28°56'01	9♏ 4	3°53	23°15	11° 0	22°10	28°43	18°30	23° 2	27°49	18° 8	18°48	8°40	n.a.	T 20
W21	9 51 48	29°55'30	22° 4	4°18	24°29	10°59	22° 5	28°40	18°31	23° 1	27°48	18°D 8	18°45	8°47	n.a.	W21
T 22	9 55 45	0♓54'57	4♐41	4°47	25°43	10°58	22° 0	28°36	18°33	22°59	27°47	18°R 8	18°42	8°54	n.a.	T 22
F 23	9 59 41	1°54'22	16°59	5°22	26°56	10°D58	21°56	28°32	18°35	22°58	27°46	18° 7	18°39	9° 0	n.a.	F 23
S 24	10 3 38	2°53'45	29° 3	6° 0	28°10	10°58	21°51	28°29	18°36	22°56	27°44	18° 4	18°35	9° 7	n.a.	S 24
S 25	10 7 34	3°53'07	10♑59	6°42	29°23	10°59	21°47	28°25	18°38	22°55	27°43	17°58	18°32	9°14	n.a.	S 25
M26	10 11 31	4°52'26	22°51	7°28	0♈37	11° 2	21°42	28°22	18°39	22°53	27°42	17°50	18°29	9°21	n.a.	M26
T 27	10 15 28	5°51'43	4♒41	8°17	1°50	11° 4	21°38	28°19	18°41	22°52	27°41	17°39	18°26	9°27	n.a.	T 27
W28	10 19 24	6♓50'59	16♒33	9♒ 9	3♈ 3	11♋ 8	21♋35	28♋15	18♐42	22♍50	27♋40	17♉27	18♉23	9♒34	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s56	19s50	4s59	13s24	3n47	12s56	1s22	27n16	4n20	22n32	1n 3	21n32	1n13	23s17	0s 9	4n16	1n47	31n 0	10n30	17n59	17n53	23s41		n.a.
F 2	17 40	15 37	4 54	13 39	3 50	12 28	1 20	27 16	4 18	22 34	1 3	21 33	1 13	23 17	0 9	4 16	1 47	31 0	10 30	17 55	17 52	23 39		n.a.
S 3	17 23	10 47	4 35	13 55	3 50	12 0	1 19	27 16	4 17	22 35	1 3	21 35	1 13	23 18	0 9	4 17	1 47	31 0	10 30	17 52	17 51	23 38		n.a.
S 4	17 6	5 31	4 3	14 14	3 48	11 32	1 18	27 16	4 15	22 36	1 3	21 36	1 13	23 18	0 9	4 17	1 47	31 1	10 30	17 49	17 50	23 36		n.a.
M 5	16 48	0n 1	3 21	14 34	3 45	11 3	1 17	27 16	4 14	22 37	1 3	21 37	1 13	23 18	0 9	4 18	1 47	31 1	10 30	17 47	17 49	23 35		n.a.
T 6	16 31	5 39	2 28	14 55	3 39	10 34	1 15	27 16	4 12	22 39	1 3	21 38	1 13	23 18	0 9	4 18	1 47	31 1	10 30	17 46	17 49	23 33		n.a.
W 7	16 13	11 11	1 27	15 16	3 31	10 5	1 14	27 16	4 11	22 40	1 3	21 39	1 14	23 19	0 9	4 19	1 47	31 2	10 30	17 45	17 48	23 31		n.a.
T 8	15 55	16 23	0 20	15 38	3 22	9 36	1 12	27 15	4 9	22 41	1 3	21 40	1 14	23 19	0 9	4 19	1 47	31 2	10 30	17 45	17 47	23 30		n.a.
F 9	15 36	20 57	0n50	15 59	3 12	9 6	1 11	27 15	4 7	22 42	1 3	21 41	1 14	23 19	0 9	4 20	1 47	31 2	10 30	17 45	17 46	23 28		n.a.
S 10	15 18	24 32	2 0	16 20	3 0	8 36	1 9	27 14	4 6	22 43	1 3	21 42	1 14	23 19	0 9	4 20	1 47	31 2	10 30	17 45	17 45	23 27		n.a.
S 11	14 59	26 44	3 4	16 40	2 48	8 6	1 7	27 13	4 4	22 45	1 3	21 43	1 14	23 19	0 9	4 21	1 47	31 3	10 30	17 44	17 44	23 25		n.a.
M12	14 39	27 9	3 58	16 59	2 35	7 36	1 6	27 12	4 2	22 46	1 3	21 44	1 14	23 20	0 9	4 21	1 47	31 3	10 30	17 42	17 43	23 23		n.a.
T 13	14 20	25 37	4 38	17 17	2 22	7 5	1 4	27 11	4 0	22 47	1 3	21 45	1 14	23 20	0 9	4 22	1 47	31 3	10 30	17 40	17 42	23 22		n.a.
W14	14 0	22 11	4 58	17 34	2 8	6 35	1 2	27 9	3 58	22 48	1 3	21 46	1 14	23 20	0 9	4 22	1 47	31 3	10 29	17 37	17 42	23 20		n.a.
T 15	13 41	17 14	4 57	17 50	1 54	6 4	1 0	27 8	3 56	22 49	1 3	21 46	1 14	23 20	0 9	4 23	1 47	31 4	10 29	17 34	17 41	23 18		n.a.
F 16	13 20	11 14	4 35	18 4	1 40	5 33	0 58	27 7	3 54	22 50	1 3	21 47	1 14	23 20	0 9	4 24	1 47	31 4	10 29	17 31	17 40	23 17		n.a.
S 17	13 0	4 42	3 54	18 17	1 26	5 2	0 56	27 5	3 52	22 51	1 3	21 48	1 14	23 21	0 9	4 24	1 47	31 4	10 29	17 28	17 39	23 15		n.a.
S 18	12 40	1s54	3 0	18 28	1 12	4 31	0 54	27 4	3 51	22 51	1 3	21 49	1 14	23 21	0 9	4 25	1 47	31 4	10 29	17 26	17 38	23 13		n.a.
M19	12 19	8 13	1 56	18 38	0 58	3 59	0 52	27 2	3 49	22 52	1 3	21 50	1 14	23 21	0 9	4 25	1 47	31 4	10 29	17 25	17 37	23 12		n.a.
T 20	11 58	13 55	0 48	18 46	0 45	3 28	0 50	27 0	3 47	22 53	1 3	21 51	1 14	23 21	0 9	4 26	1 48	31 5	10 29	17 25	17 36	23 10		n.a.
W21	11 37	18 49	0s21	18 53	0 32	2 56	0 47	26 58	3 45	22 54	1 3	21 52	1 14	23 21	0 9	4 27	1 48	31 5	10 29	17 25	17 35	23 8		n.a.
T 22	11 16	22 43	1 26	18 58	0 19	2 25	0 45	26 56	3 43	22 55	1 3	21 52	1 14	23 21	0 9	4 27	1 48	31 5	10 29	17 25	17 34	23 7		n.a.
F 23	10 55	25 29	2 26	19 2	0 7	1 53	0 43	26 54	3 40	22 55	1 3	21 53	1 14	23 22	0 9	4 28	1 48	31 5	10 29	17 25	17 34	23 5		n.a.
S 24	10 33	27 0	3 18	19 4	0s 5	1 21	0 40	26 52	3 38	22 56	1 3	21 54	1 14	23 22	0 9	4 29	1 48	31 5	10 29	17 24	17 33	23 3		n.a.
S 25	10 11	27 15	4 1	19 4	0 17	0 50	0 38	26 50	3 36	22 57	1 3	21 55	1 14	23 22	0 9	4 29	1 48	31 5	10 29	17 22	17 32	23 2		n.a.
M26	9 50	26 14	4 33	19 3	0 28	0 18	0 35	26 48	3 34	22 57	1 3	21 55	1 14	23 22	0 10	4 30	1 48	31 6	10 28	17 20	17 31	23 0		n.a.
T 27	9 28	24 2	4 53	19 0	0 38	0n14	0 33	26 46	3 32	22 58	1 3	21 56	1 14	23 22	0 10	4 30	1 48	31 6	10 28	17 17	17 30	22 58		n.a.
W28	9s 6	20s49	5s 1	18s56	0s48	0n46	0s30	26n43	3n30	22n59	1n 3	21n57	1n14	23s22	0s10	4n31	1n48	31n 6	10n28	17n13	17n29	22s57		n.a.

Julian Day Number = 1711957.5, Delta T = 03h00m17s
Ecliptic obliquity = 23°41'59, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°25'13, Lahiri = - 4°18'12 Julian Calendar 1 Feb. 26 BCE == Greg. Calendar 30 Jan. 026 BCE

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ASTRODIENST EPHEMERIS for the year 26 BCE
geocentric

MARCH 26 BCE (-25) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 23 21	7♓50'12	28♒28	10♒ 5	4♈17	11♋12	21°R31	28°R12	18♐43	22°R49	27°R39	17°R14	18♉20	9♒41	n.a.	T 1
F 2	10 27 17	8°49'23	10♓28	11° 3	5°30	11°17	21♋27	28♋ 9	18°45	22♍47	27♋38	17♉ 1	18°16	9°47	n.a.	F 2
S 3	10 31 14	9°48'32	22°35	12° 4	6°43	11°22	21°24	28° 6	18°46	22°46	27°37	16°49	18°13	9°54	n.a.	S 3
S 4	10 35 10	10°47'39	4♈49	13° 8	7°56	11°28	21°21	28° 3	18°47	22°44	27°36	16°40	18°10	10° 1	n.a.	S 4
M 5	10 39 7	11°46'43	17°11	14°14	9° 9	11°35	21°18	28° 0	18°48	22°42	27°35	16°33	18° 7	10° 8	n.a.	M 5
T 6	10 43 3	12°45'45	29°43	15°23	10°22	11°43	21°15	27°58	18°49	22°41	27°34	16°29	18° 4	10°14	n.a.	T 6
W 7	10 47 0	13°44'45	12♉28	16°34	11°35	11°51	21°13	27°55	18°50	22°39	27°33	16°D28	18° 0	10°21	n.a.	W 7
T 8	10 50 56	14°43'43	25°28	17°47	12°48	11°59	21°10	27°52	18°51	22°38	27°32	16°28	17°57	10°28	n.a.	T 8
F 9	10 54 53	15°42'38	8♊46	19° 2	14° 1	12° 9	21° 8	27°50	18°52	22°36	27°31	16°29	17°54	10°34	n.a.	F 9
S 10	10 58 50	16°41'31	22°25	20°19	15°14	12°19	21° 6	27°48	18°53	22°34	27°30	16°R29	17°51	10°41	n.a.	S 10
S 11	11 2 46	17°40'22	6♋26	21°39	16°27	12°29	21° 4	27°45	18°54	22°33	27°29	16°27	17°48	10°48	n.a.	S 11
M12	11 6 43	18°39'10	20°49	23° 0	17°39	12°40	21° 2	27°43	18°55	22°31	27°28	16°24	17°45	10°55	n.a.	M12
T 13	11 10 39	19°37'56	5♌32	24°23	18°52	12°52	21° 1	27°41	18°55	22°29	27°27	16°18	17°41	11° 1	n.a.	T 13
W14	11 14 36	20°36'39	20°28	25°47	20° 5	13° 4	21° 0	27°39	18°56	22°28	27°27	16°10	17°38	11° 8	n.a.	W14
T 15	11 18 32	21°35'20	5♍31	27°14	21°17	13°16	20°58	27°37	18°57	22°26	27°26	16° 2	17°35	11°15	n.a.	T 15
F 16	11 22 29	22°33'59	20°30	28°42	22°30	13°29	20°58	27°35	18°57	22°24	27°25	15°54	17°32	11°22	n.a.	F 16
S 17	11 26 25	23°32'36	5♎16	0♓12	23°42	13°43	20°57	27°34	18°58	22°23	27°24	15°47	17°29	11°28	n.a.	S 17
S 18	11 30 22	24°31'11	19°41	1°44	24°54	13°57	20°56	27°32	18°58	22°21	27°24	15°42	17°26	11°35	n.a.	S 18
M19	11 34 19	25°29'44	3♏41	3°17	26° 7	14°12	20°56	27°31	18°59	22°19	27°23	15°39	17°22	11°42	n.a.	M19
T 20	11 38 15	26°28'15	17°13	4°52	27°19	14°27	20°D56	27°29	18°59	22°18	27°22	15°D39	17°19	11°48	n.a.	T 20
W21	11 42 12	27°26'44	0♐19	6°29	28°31	14°42	20°56	27°28	18°59	22°16	27°22	15°40	17°16	11°55	n.a.	W21
T 22	11 46 8	28°25'12	13° 1	8° 7	29°43	14°58	20°56	27°27	19° 0	22°15	27°21	15°41	17°13	12° 2	n.a.	T 22
F 23	11 50 5	29°23'38	25°23	9°47	0♑55	15°15	20°56	27°26	19° 0	22°13	27°21	15°R42	17°10	12° 9	n.a.	F 23
S 24	11 54 1	0♈22'03	7♑31	11°29	2° 7	15°32	20°57	27°25	19° 0	22°11	27°20	15°41	17° 6	12°15	n.a.	S 24
S 25	11 57 58	1°20'26	19°28	13°12	3°19	15°49	20°58	27°24	19° 0	22°10	27°20	15°40	17° 3	12°22	n.a.	S 25
M26	12 1 54	2°18'47	1♒20	14°58	4°31	16° 7	20°59	27°23	19° 0	22° 8	27°19	15°36	17° 0	12°29	n.a.	M26
T 27	12 5 51	3°17'06	13°12	16°44	5°43	16°25	21° 0	27°23	19°R 0	22° 6	27°19	15°30	16°57	12°35	n.a.	T 27
W28	12 9 48	4°15'24	25° 6	18°33	6°55	16°43	21° 1	27°22	19° 0	22° 5	27°18	15°24	16°54	12°42	n.a.	W28
T 29	12 13 44	5°13'39	7♓ 5	20°23	8° 6	17° 2	21° 2	27°22	19° 0	22° 3	27°18	15°16	16°51	12°49	n.a.	T 29
F 30	12 17 41	6°11'54	19°13	22°15	9°18	17°22	21° 4	27°21	19° 0	22° 2	27°18	15° 9	16°47	12°56	n.a.	F 30
S 31	12 21 37	7♈10'06	1♈30	24♓ 8	10♉29	17♋41	21♋ 6	27♋21	19♐ 0	22♍ 0	27♋17	15♉ 2	16♉44	13♒ 2	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8s43	16s44	4s55	18s50	0s58	1n18	0s28	26n41	3n28	22n59	1n 2	21n57	1n14	23s22	0s10	4n32	1n48	31n 6	10n28	17n10	17n28	22s55		n.a.
F 2	8 21	11 58	4 37	18 43	1 7	1 49	0 25	26 38	3 26	23 0	1 2	21 58	1 14	23 23	0 10	4 32	1 48	31 6	10 28	17 6	17 27	22 53		n.a.
S 3	7 58	6 43	4 5	18 34	1 16	2 21	0 23	26 36	3 24	23 0	1 2	21 59	1 14	23 23	0 10	4 33	1 48	31 6	10 28	17 3	17 26	22 51		n.a.
S 4	7 36	1 9	3 22	18 24	1 24	2 53	0 20	26 33	3 22	23 1	1 2	21 59	1 14	23 23	0 10	4 34	1 48	31 6	10 28	17 0	17 26	22 50		n.a.
M 5	7 13	4n31	2 29	18 12	1 32	3 24	0 17	26 31	3 20	23 1	1 2	22 0	1 14	23 23	0 10	4 34	1 48	31 6	10 28	16 58	17 25	22 48		n.a.
T 6	6 50	10 7	1 28	17 58	1 39	3 56	0 14	26 28	3 18	23 1	1 2	22 0	1 14	23 23	0 10	4 35	1 48	31 6	10 27	16 57	17 24	22 46		n.a.
W 7	6 28	15 24	0 21	17 43	1 46	4 27	0 11	26 25	3 16	23 2	1 2	22 1	1 14	23 23	0 10	4 36	1 48	31 6	10 27	16 57	17 23	22 44		n.a.
T 8	6 5	20 7	0n48	17 26	1 52	4 59	0 9	26 23	3 14	23 2	1 2	22 1	1 14	23 23	0 10	4 36	1 48	31 6	10 27	16 57	17 22	22 42		n.a.
F 9	5 42	23 55	1 56	17 8	1 57	5 30	0 6	26 20	3 12	23 2	1 2	22 2	1 14	23 23	0 10	4 37	1 48	31 6	10 27	16 57	17 21	22 41		n.a.
S 10	5 19	26 28	3 0	16 48	2 3	6 1	0 3	26 17	3 10	23 3	1 2	22 2	1 14	23 23	0 10	4 38	1 48	31 7	10 27	16 57	17 20	22 39		n.a.
S 11	4 55	27 26	3 54	16 27	2 7	6 32	0 0	26 14	3 8	23 3	1 2	22 3	1 14	23 24	0 10	4 38	1 48	31 7	10 27	16 56	17 19	22 37		n.a.
M12	4 32	26 36	4 35	16 4	2 12	7 3	0n 3	26 11	3 7	23 3	1 2	22 3	1 14	23 24	0 10	4 39	1 48	31 7	10 27	16 55	17 18	22 35		n.a.
T 13	4 9	23 56	5 0	15 40	2 15	7 34	0 6	26 8	3 5	23 3	1 2	22 4	1 14	23 24	0 10	4 40	1 48	31 7	10 26	16 54	17 18	22 33		n.a.
W14	3 46	19 37	5 4	15 14	2 18	8 4	0 9	26 5	3 3	23 3	1 2	22 4	1 14	23 24	0 10	4 40	1 48	31 7	10 26	16 51	17 17	22 32		n.a.
T 15	3 22	14 2	4 48	14 46	2 21	8 34	0 12	26 2	3 1	23 3	1 2	22 4	1 14	23 24	0 10	4 41	1 48	31 7	10 26	16 49	17 16	22 30		n.a.
F 16	2 59	7 39	4 12	14 17	2 23	9 4	0 15	25 58	2 59	23 4	1 2	22 5	1 14	23 24	0 10	4 42	1 48	31 7	10 26	16 47	17 15	22 28		n.a.
S 17	2 35	0 56	3 19	13 47	2 25	9 34	0 18	25 55	2 57	23 4	1 1	22 5	1 14	23 24	0 10	4 42	1 48	31 7	10 26	16 45	17 14	22 26		n.a.
S 18	2 12	5s42	2 15	13 15	2 26	10 4	0 21	25 52	2 55	23 4	1 1	22 5	1 14	23 24	0 10	4 43	1 48	31 7	10 25	16 43	17 13	22 24		n.a.
M19	1 49	11 53	1 4	12 41	2 27	10 34	0 24	25 48	2 53	23 4	1 1	22 5	1 14	23 24	0 10	4 44	1 48	31 6	10 25	16 42	17 12	22 22		n.a.
T 20	1 25	17 18	0s 8	12 6	2 27	11 3	0 27	25 45	2 52	23 4	1 1	22 6	1 14	23 24	0 10	4 44	1 48	31 6	10 25	16 42	17 11	22 21		n.a.
W21	1 2	21 43	1 18	11 30	2 26	11 32	0 30	25 41	2 50	23 3	1 1	22 6	1 14	23 24	0 10	4 45	1 48	31 6	10 25	16 42	17 10	22 19		n.a.
T 22	0 38	24 57	2 22	10 51	2 25	12 0	0 33	25 38	2 48	23 3	1 1	22 6	1 14	23 24	0 10	4 46	1 48	31 6	10 25	16 43	17 9	22 17		n.a.
F 23	0 15	26 55	3 18	10 12	2 24	12 29	0 36	25 34	2 46	23 3	1 1	22 6	1 14	23 24	0 10	4 46	1 48	31 6	10 25	16 43	17 8	22 15		n.a.
S 24	0n 9	27 32	4 3	9 31	2 22	12 57	0 39	25 30	2 44	23 3	1 1	22 7	1 14	23 24	0 10	4 47	1 48	31 6	10 24	16 43	17 8	22 13		n.a.
S 25	0 32	26 50	4 37	8 49	2 19	13 25	0 42	25 27	2 43	23 3	1 1	22 7	1 14	23 24	0 10	4 48	1 48	31 6	10 24	16 42	17 7	22 11		n.a.
M26	0 56	24 56	4 59	8 5	2 16	13 52	0 45	25 23	2 41	23 3	1 1	22 7	1 14	23 24	0 10	4 48	1 48	31 6	10 24	16 41	17 6	22 9		n.a.
T 27	1 19	21 57	5 8	7 19	2 13	14 19	0 48	25 19	2 39	23 2	1 1	22 7	1 14	23 24	0 10	4 49	1 48	31 6	10 24	16 40	17 5	22 7		n.a.
W28	1 43	18 4	5 4	6 33	2 9	14 46	0 51	25 15	2 38	23 2	1 1	22 7	1 14	23 24	0 10	4 49	1 48	31 6	10 24	16 38	17 4	22 6		n.a.
T 29	2 6	13 26	4 47	5 45	2 4	15 13	0 54	25 11	2 36	23 2	1 0	22 7	1 14	23 24	0 10	4 50	1 48	31 6	10 23	16 36	17 3	22 4		n.a.
F 30	2 29	8 14	4 16	4 55	1 59	15 39	0 57	25 6	2 34	23 1	1 0	22 7	1 14	23 24	0 10	4 51	1 48	31 6	10 23	16 33	17 2	22 2		n.a.
S 31	2n52	2s39	3s34	4s 5	1s53	16n 5	1n 0	25n 2	2n32	23n 1	1n 0	22n 7	1n13	23s24	0s10	4n51	1n48	31n 5	10n23	16n31	17n 1	22s 0		n.a.

Julian Day Number = 1711985.5, Delta T = 03h00m16s
Ecliptic obliquity = 23°42'00, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°25'09, Lahiri = - 4°18'08 Julian Calendar 1 March 26 BCE == Greg. Calendar 27 Feb. 026 BCE

The year -25 astronomical counting style corresponds to year 026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 26 BCE
geocentric

APRIL 26 BCE (-25) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 25 34	8♈ 8'16	13♈57	26♓ 4	11♉41	18♋ 2	21♋ 8	27°R21	19°R 0	21°R59	27°R17	14°R57	16♉41	13♒ 9	n.a.	S 1
M 2	12 29 30	9° 6'25	26°36	28° 1	12°52	18°22	21°10	27°D21	18♐59	21♏57	27♋17	14♉54	16°38	13°16	n.a.	M 2
T 3	12 33 27	10° 4'32	9♉26	29°59	14° 4	18°43	21°13	27♋21	18°59	21°55	27°16	14°D53	16°35	13°23	n.a.	T 3
W 4	12 37 23	11° 2'37	22°29	2♈ 0	15°15	19° 4	21°15	27°21	18°59	21°54	27°16	14°53	16°31	13°29	n.a.	W 4
T 5	12 41 20	12° 0'40	5♊44	4° 1	16°26	19°25	21°18	27°22	18°58	21°52	27°16	14°54	16°28	13°36	n.a.	T 5
F 6	12 45 16	12°58'41	19°14	6° 5	17°37	19°47	21°21	27°22	18°58	21°51	27°16	14°55	16°25	13°43	n.a.	F 6
S 7	12 49 13	13°56'41	2♋58	8° 9	18°48	20° 9	21°24	27°23	18°57	21°49	27°16	14°57	16°22	13°49	n.a.	S 7
S 8	12 53 10	14°54'38	16°57	10°16	19°59	20°32	21°27	27°23	18°57	21°48	27°15	14°R57	16°19	13°56	n.a.	S 8
M 9	12 57 6	15°52'33	1♌10	12°23	21°10	20°55	21°31	27°24	18°56	21°46	27°15	14°56	16°16	14° 3	n.a.	M 9
T 10	13 1 3	16°50'26	15°34	14°31	22°21	21°18	21°34	27°25	18°55	21°45	27°15	14°54	16°12	14°10	n.a.	T 10
W11	13 4 59	17°48'18	0♍ 8	16°40	23°31	21°41	21°38	27°26	18°54	21°44	27°15	14°51	16° 9	14°16	n.a.	W11
T 12	13 8 56	18°46'07	14°44	18°50	24°42	22° 5	21°42	27°27	18°54	21°42	27°D15	14°47	16° 6	14°23	n.a.	T 12
F 13	13 12 52	19°43'55	29°18	21° 1	25°52	22°29	21°46	27°28	18°53	21°41	27°15	14°44	16° 3	14°30	n.a.	F 13
S 14	13 16 49	20°41'41	13♎42	23°11	27° 3	22°53	21°50	27°29	18°52	21°39	27°15	14°41	16° 0	14°37	n.a.	S 14
S 15	13 20 45	21°39'25	27°51	25°22	28°13	23°18	21°55	27°30	18°51	21°38	27°15	14°39	15°57	14°43	n.a.	S 15
M16	13 24 42	22°37'08	11♏40	27°32	29°23	23°43	21°59	27°32	18°50	21°37	27°16	14°D38	15°53	14°50	n.a.	M16
T 17	13 28 39	23°34'50	25° 8	29°42	0♊34	24° 8	22° 4	27°34	18°49	21°35	27°16	14°39	15°50	14°57	n.a.	T 17
W18	13 32 35	24°32'30	8♐13	1♉50	1°44	24°33	22° 9	27°35	18°48	21°34	27°16	14°40	15°47	15° 3	n.a.	W18
T 19	13 36 32	25°30'10	20°57	3°58	2°54	24°59	22°14	27°37	18°47	21°33	27°16	14°41	15°44	15°10	n.a.	T 19
F 20	13 40 28	26°27'48	3♑22	6° 4	4° 3	25°24	22°19	27°39	18°46	21°31	27°16	14°42	15°41	15°17	n.a.	F 20
S 21	13 44 25	27°25'25	15°33	8° 8	5°13	25°50	22°24	27°41	18°45	21°30	27°17	14°44	15°37	15°24	n.a.	S 21
S 22	13 48 21	28°23'01	27°33	10°11	6°23	26°17	22°30	27°43	18°43	21°29	27°17	14°R44	15°34	15°30	n.a.	S 22
M23	13 52 18	29°20'36	9♒27	12°11	7°32	26°43	22°36	27°45	18°42	21°28	27°17	14°44	15°31	15°37	n.a.	M23
T 24	13 56 14	0♉18'09	21°20	14° 9	8°42	27°10	22°41	27°47	18°41	21°26	27°17	14°43	15°28	15°44	n.a.	T 24
W25	14 0 11	1°15'42	3♓17	16° 5	9°51	27°37	22°47	27°50	18°40	21°25	27°18	14°41	15°25	15°50	n.a.	W25
T 26	14 4 8	2°13'14	15°20	17°58	11° 1	28° 4	22°53	27°52	18°38	21°24	27°18	14°39	15°22	15°57	n.a.	T 26
F 27	14 8 4	3°10'44	27°33	19°48	12°10	28°32	23° 0	27°55	18°37	21°23	27°19	14°38	15°18	16° 4	n.a.	F 27
S 28	14 12 1	4° 8'14	10♈ 0	21°36	13°19	28°59	23° 6	27°57	18°35	21°22	27°19	14°36	15°15	16°11	n.a.	S 28
S 29	14 15 57	5° 5'42	22°41	23°21	14°28	29°27	23°13	28° 0	18°34	21°21	27°20	14°35	15°12	16°17	n.a.	S 29
M30	14 19 54	6♉ 3'10	5♉37	25♉ 3	15♊37	29♋55	23♋19	28♋ 3	18♐32	21♏20	27♋20	14♉35	15♉ 9	16♒24	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n16	3n 6	2s40	3s13	1s47	16n30	1n 3	24n58	2n31	23n 1	1n 0	22n 7	1n13	23s24	0s10	4n52	1n48	31n 5	10n23	16n30	17n 0	21s58		n.a.
M 2	3 39	8 51	1 38	2 19	1 40	16 55	1 6	24 53	2 29	23 0	1 0	22 7	1 13	23 24	0 10	4 53	1 48	31 5	10 22	16 29	16 59	21 56		n.a.
T 3	4 2	14 20	0 30	1 25	1 33	17 19	1 9	24 49	2 28	23 0	1 0	22 7	1 13	23 24	0 10	4 53	1 48	31 5	10 22	16 29	16 58	21 54		n.a.
W 4	4 25	19 15	0n41	0 30	1 25	17 44	1 12	24 44	2 26	22 59	1 0	22 7	1 13	23 24	0 10	4 54	1 48	31 5	10 22	16 29	16 58	21 52		n.a.
T 5	4 48	23 19	1 51	0n27	1 17	18 7	1 15	24 39	2 24	22 59	1 0	22 7	1 13	23 24	0 10	4 54	1 48	31 5	10 22	16 29	16 57	21 50		n.a.
F 6	5 11	26 11	2 57	1 24	1 8	18 31	1 17	24 35	2 23	22 58	1 0	22 7	1 13	23 24	0 10	4 55	1 48	31 4	10 22	16 29	16 56	21 48		n.a.
S 7	5 34	27 33	3 53	2 22	0 59	18 53	1 20	24 30	2 21	22 58	1 0	22 6	1 13	23 24	0 10	4 56	1 48	31 4	10 21	16 30	16 55	21 46		n.a.
S 8	5 56	27 11	4 36	3 21	0 50	19 16	1 23	24 25	2 20	22 57	1 0	22 6	1 13	23 24	0 10	4 56	1 48	31 4	10 21	16 30	16 54	21 44		n.a.
M 9	6 19	25 3	5 4	4 20	0 40	19 37	1 26	24 20	2 18	22 56	0 59	22 6	1 13	23 24	0 10	4 57	1 48	31 4	10 21	16 30	16 53	21 42		n.a.
T 10	6 41	21 18	5 13	5 20	0 30	19 59	1 28	24 14	2 17	22 56	0 59	22 6	1 13	23 24	0 10	4 57	1 48	31 4	10 21	16 29	16 52	21 40		n.a.
W11	7 4	16 15	5 2	6 19	0 20	20 19	1 31	24 9	2 15	22 55	0 59	22 6	1 13	23 24	0 10	4 58	1 48	31 3	10 20	16 28	16 51	21 38		n.a.
T 12	7 26	10 14	4 31	7 19	0 9	20 40	1 34	24 4	2 14	22 54	0 59	22 5	1 13	23 24	0 10	4 58	1 48	31 3	10 20	16 27	16 50	21 36		n.a.
F 13	7 48	3 42	3 43	8 19	0n 1	21 0	1 36	23 58	2 12	22 53	0 59	22 5	1 13	23 24	0 10	4 59	1 48	31 3	10 20	16 26	16 49	21 34		n.a.
S 14	8 10	2s59	2 42	9 18	0 12	21 19	1 39	23 53	2 11	22 53	0 59	22 5	1 13	23 24	0 10	4 59	1 48	31 3	10 20	16 25	16 48	21 32		n.a.
S 15	8 32	9 25	1 31	10 16	0 23	21 37	1 41	23 47	2 9	22 52	0 59	22 5	1 13	23 24	0 10	5 0	1 48	31 3	10 20	16 25	16 47	21 30		n.a.
M16	8 54	15 15	0 16	11 13	0 33	21 56	1 44	23 41	2 8	22 51	0 59	22 4	1 13	23 24	0 10	5 1	1 48	31 2	10 19	16 24	16 46	21 28		n.a.
T 17	9 15	20 11	0s57	12 10	0 43	22 13	1 46	23 36	2 6	22 50	0 59	22 4	1 13	23 24	0 10	5 1	1 48	31 2	10 19	16 24	16 46	21 26		n.a.
W18	9 37	23 59	2 6	13 5	0 54	22 30	1 48	23 30	2 5	22 49	0 59	22 3	1 13	23 24	0 10	5 2	1 48	31 2	10 19	16 25	16 45	21 24		n.a.
T 19	9 58	26 30	3 7	13 58	1 3	22 46	1 51	23 23	2 3	22 48	0 59	22 3	1 13	23 24	0 10	5 2	1 48	31 2	10 19	16 25	16 44	21 22		n.a.
F 20	10 19	27 36	3 57	14 50	1 13	23 2	1 53	23 17	2 2	22 47	0 58	22 3	1 13	23 24	0 10	5 3	1 48	31 1	10 18	16 26	16 43	21 20		n.a.
S 21	10 40	27 21	4 36	15 39	1 22	23 17	1 55	23 11	2 1	22 46	0 58	22 2	1 13	23 23	0 10	5 3	1 48	31 1	10 18	16 26	16 42	21 18		n.a.
S 22	11 1	25 48	5 1	16 27	1 30	23 32	1 57	23 5	1 59	22 45	0 58	22 2	1 13	23 23	0 10	5 3	1 48	31 1	10 18	16 26	16 41	21 16		n.a.
M23	11 22	23 7	5 14	17 13	1 38	23 46	1 59	22 58	1 58	22 44	0 58	22 1	1 12	23 23	0 10	5 4	1 48	31 0	10 18	16 26	16 40	21 14		n.a.
T 24	11 42	19 29	5 13	17 56	1 45	23 59	2 1	22 51	1 57	22 43	0 58	22 1	1 12	23 23	0 10	5 4	1 47	31 0	10 18	16 26	16 39	21 12		n.a.
W25	12 2	15 3	4 59	18 37	1 52	24 12	2 3	22 45	1 55	22 42	0 58	22 0	1 12	23 23	0 11	5 5	1 47	31 0	10 17	16 25	16 38	21 10		n.a.
T 26	12 22	10 0	4 32	19 15	1 58	24 24	2 5	22 38	1 54	22 41	0 58	22 0	1 12	23 23	0 11	5 5	1 47	30 59	10 17	16 25	16 37	21 8		n.a.
F 27	12 42	4 31	3 51	19 51	2 3	24 35	2 7	22 31	1 53	22 40	0 58	21 59	1 12	23 23	0 11	5 6	1 47	30 59	10 17	16 24	16 36	21 6		n.a.
S 28	13 2	1n15	3 0	20 25	2 8	24 46	2 8	22 24	1 51	22 39	0 58	21 59	1 12	23 23	0 11	5 6	1 47	30 59	10 17	16 24	16 35	21 3		n.a.
S 29	13 22	7 5	1 58	20 56	2 12	24 56	2 10	22 17	1 50	22 38	0 58	21 58	1 12	23 23	0 11	5 6	1 47	30 59	10 16	16 23	16 34	21 1		n.a.
M30	13n41	12n46	0s49	21n25	2n15	25n 5	2n11	22n 9	1n49	22n36	0n58	21n57	1n12	23s23	0s11	5n 7	1n47	30n58	10n16	16n23	16n33	20s59		n.a.

Julian Day Number = 1712016.5, Delta T = 03h00m15s
Ecliptic obliquity = 23°42'00, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°25'05, Lahiri = - 4°18'04 Julian Calendar 1 Apr. 26 BCE == Greg. Calendar 30 March 026 BCE

The year -25 astronomical counting style corresponds to year 026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 26 BCE
geocentric

MAY 26 BCE (-25) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 23 50	7♉ 0'36	18♉49	26♉42	16♊45	0♌24	23♋26	28♋ 6	18°R31	21°R19	27♋21	14°D35	15♉ 6	16♒31	n.a.	T 1
W 2	14 27 47	7°58'02	2♊16	28°19	17°54	0°52	23°33	28° 9	18♐29	21♍18	27°21	14♉35	15° 2	16°38	n.a.	W 2
T 3	14 31 43	8°55'26	15°56	29°52	19° 2	1°21	23°40	28°12	18°27	21°17	27°22	14°35	14°59	16°44	n.a.	T 3
F 4	14 35 40	9°52'49	29°47	1♊22	20°11	1°50	23°47	28°15	18°26	21°16	27°22	14°36	14°56	16°51	n.a.	F 4
S 5	14 39 37	10°50'11	13♋47	2°49	21°19	2°19	23°54	28°18	18°24	21°15	27°23	14°36	14°53	16°58	n.a.	S 5
S 6	14 43 33	11°47'32	27°55	4°13	22°27	2°48	24° 2	28°22	18°22	21°14	27°24	14°37	14°50	17° 4	n.a.	S 6
M 7	14 47 30	12°44'52	12♌ 8	5°34	23°35	3°18	24°10	28°25	18°20	21°13	27°24	14°R37	14°47	17°11	n.a.	M 7
T 8	14 51 26	13°42'10	26°23	6°52	24°43	3°47	24°17	28°29	18°19	21°12	27°25	14°37	14°43	17°18	n.a.	T 8
W 9	14 55 23	14°39'27	10♍38	8° 7	25°51	4°17	24°25	28°33	18°17	21°11	27°26	14°D37	14°40	17°25	n.a.	W 9
T 10	14 59 19	15°36'43	24°50	9°19	26°58	4°47	24°33	28°36	18°15	21°10	27°27	14°37	14°37	17°31	n.a.	T 10
F 11	15 3 16	16°33'58	8♎56	10°27	28° 6	5°17	24°41	28°40	18°13	21°10	27°28	14°37	14°34	17°38	n.a.	F 11
S 12	15 7 12	17°31'12	22°52	11°31	29°13	5°48	24°49	28°44	18°11	21° 9	27°28	14°37	14°31	17°45	n.a.	S 12
S 13	15 11 9	18°28'25	6♏36	12°33	0♋20	6°18	24°57	28°48	18° 9	21° 8	27°29	14°37	14°28	17°52	n.a.	S 13
M14	15 15 6	19°25'37	20° 5	13°31	1°27	6°49	25° 6	28°52	18° 7	21° 7	27°30	14°R37	14°24	17°58	n.a.	M14
T 15	15 19 2	20°22'49	3♐18	14°25	2°34	7°20	25°14	28°56	18° 5	21° 7	27°31	14°37	14°21	18° 5	n.a.	T 15
W16	15 22 59	21°20'01	16°14	15°15	3°41	7°51	25°23	29° 1	18° 3	21° 6	27°32	14°36	14°18	18°12	n.a.	W16
T 17	15 26 55	22°17'11	28°53	16° 2	4°47	8°22	25°32	29° 5	18° 1	21° 6	27°33	14°35	14°15	18°18	n.a.	T 17
F 18	15 30 52	23°14'22	11♑17	16°45	5°53	8°53	25°41	29° 9	17°59	21° 5	27°34	14°34	14°12	18°25	n.a.	F 18
S 19	15 34 48	24°11'32	23°27	17°24	6°59	9°25	25°50	29°14	17°57	21° 4	27°35	14°33	14° 8	18°32	n.a.	S 19
S 20	15 38 45	25° 8'42	5♒28	17°59	8° 5	9°56	25°59	29°18	17°54	21° 4	27°36	14°32	14° 5	18°39	n.a.	S 20
M21	15 42 42	26° 5'52	17°23	18°30	9°11	10°28	26° 8	29°23	17°52	21° 3	27°37	14°32	14° 2	18°45	n.a.	M21
T 22	15 46 38	27° 3'01	29°17	18°56	10°17	11° 0	26°17	29°28	17°50	21° 3	27°38	14°D31	13°59	18°52	n.a.	T 22
W23	15 50 35	28° 0'10	11♓13	19°18	11°22	11°32	26°26	29°32	17°48	21° 3	27°39	14°32	13°56	18°59	n.a.	W23
T 24	15 54 31	28°57'19	23°18	19°36	12°27	12° 4	26°36	29°37	17°46	21° 2	27°40	14°33	13°53	19° 6	n.a.	T 24
F 25	15 58 28	29°54'28	5♈34	19°49	13°32	12°37	26°45	29°42	17°43	21° 2	27°42	14°34	13°49	19°12	n.a.	F 25
S 26	16 2 24	0♊51'37	18° 6	19°58	14°37	13° 9	26°55	29°47	17°41	21° 1	27°43	14°35	13°46	19°19	n.a.	S 26
S 27	16 6 21	1°48'46	0♉56	20°R 2	15°42	13°42	27° 5	29°52	17°39	21° 1	27°44	14°36	13°43	19°26	n.a.	S 27
M28	16 10 17	2°45'55	14° 7	20° 1	16°46	14°14	27°15	29°57	17°36	21° 1	27°45	14°R37	13°40	19°32	n.a.	M28
T 29	16 14 14	3°43'04	27°39	19°56	17°51	14°47	27°25	0♌ 3	17°34	21° 1	27°46	14°36	13°37	19°39	n.a.	T 29
W30	16 18 11	4°40'12	11♊30	19°47	18°55	15°20	27°35	0° 8	17°32	21° 0	27°48	14°35	13°34	19°46	n.a.	W30
T 31	16 22 7	5♊37'21	25♊36	19♊33	19♋58	15♌53	27♋45	0♌13	17♐29	21♍ 0	27♋49	14♉33	13♉30	19♒53	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	14n 0	17n59	0n23	21n51	2n17	25n14	2n13	22n 2	1n47	22n35	0n58	21n57	1n12	23s22	0s11	5n 7	1n47	30n58	10n16	16n23	16n32	20s57			n.a.
W 2	14 19	22 25	1 36	22 15	2 18	25 22	2 14	21 54	1 46	22 34	0 57	21 56	1 12	23 22	0 11	5 8	1 47	30 58	10 16	16 23	16 31	20 55			n.a.
T 3	14 38	25 41	2 45	22 36	2 19	25 29	2 15	21 47	1 45	22 33	0 57	21 55	1 12	23 22	0 11	5 8	1 47	30 57	10 16	16 23	16 31	20 53			n.a.
F 4	14 56	27 27	3 45	22 56	2 19	25 36	2 17	21 39	1 44	22 31	0 57	21 55	1 12	23 22	0 11	5 8	1 47	30 57	10 15	16 24	16 30	20 51			n.a.
S 5	15 14	27 29	4 32	23 13	2 18	25 42	2 18	21 31	1 42	22 30	0 57	21 54	1 12	23 22	0 11	5 9	1 47	30 57	10 15	16 24	16 29	20 49			n.a.
S 6	15 32	25 45	5 3	23 27	2 17	25 47	2 19	21 23	1 41	22 29	0 57	21 53	1 12	23 22	0 11	5 9	1 47	30 56	10 15	16 24	16 28	20 47			n.a.
M 7	15 50	22 24	5 16	23 40	2 14	25 52	2 20	21 15	1 40	22 27	0 57	21 52	1 12	23 22	0 11	5 9	1 47	30 56	10 15	16 24	16 27	20 44			n.a.
T 8	16 7	17 42	5 10	23 51	2 11	25 56	2 20	21 7	1 39	22 26	0 57	21 52	1 12	23 21	0 11	5 10	1 47	30 55	10 14	16 24	16 26	20 42			n.a.
W 9	16 25	12 2	4 45	23 59	2 7	25 59	2 21	20 58	1 37	22 24	0 57	21 51	1 12	23 21	0 11	5 10	1 47	30 55	10 14	16 24	16 25	20 40			n.a.
T 10	16 42	5 46	4 2	24 6	2 2	26 1	2 22	20 50	1 36	22 23	0 57	21 50	1 12	23 21	0 11	5 10	1 47	30 55	10 14	16 24	16 24	20 38			n.a.
F 11	16 58	0s45	3 5	24 11	1 57	26 3	2 22	20 41	1 35	22 21	0 57	21 49	1 12	23 21	0 11	5 10	1 47	30 54	10 14	16 24	16 23	20 36			n.a.
S 12	17 15	7 10	1 58	24 14	1 51	26 4	2 23	20 33	1 34	22 20	0 57	21 48	1 12	23 21	0 11	5 11	1 47	30 54	10 14	16 24	16 22	20 34			n.a.
S 13	17 31	13 10	0 44	24 15	1 44	26 5	2 23	20 24	1 33	22 18	0 57	21 48	1 12	23 21	0 11	5 11	1 47	30 54	10 13	16 24	16 21	20 31			n.a.
M14	17 47	18 27	0s30	24 15	1 36	26 5	2 23	20 15	1 31	22 16	0 57	21 47	1 12	23 20	0 11	5 11	1 47	30 53	10 13	16 24	16 20	20 29			n.a.
T 15	18 2	22 42	1 42	24 13	1 27	26 4	2 23	20 6	1 30	22 15	0 57	21 46	1 12	23 20	0 11	5 11	1 47	30 53	10 13	16 24	16 19	20 27			n.a.
W16	18 17	25 44	2 46	24 10	1 18	26 2	2 23	19 56	1 29	22 13	0 57	21 45	1 12	23 20	0 11	5 12	1 47	30 52	10 13	16 24	16 18	20 25			n.a.
T 17	18 32	27 23	3 41	24 5	1 8	26 0	2 23	19 47	1 28	22 11	0 56	21 44	1 12	23 20	0 11	5 12	1 47	30 52	10 13	16 23	16 17	20 23			n.a.
F 18	18 47	27 36	4 24	23 59	0 57	25 57	2 23	19 38	1 27	22 10	0 56	21 43	1 12	23 20	0 11	5 12	1 46	30 52	10 12	16 23	16 16	20 20			n.a.
S 19	19 1	26 29	4 55	23 51	0 46	25 53	2 22	19 28	1 26	22 8	0 56	21 42	1 11	23 20	0 11	5 12	1 46	30 51	10 12	16 23	16 15	20 18			n.a.
S 20	19 16	24 9	5 12	23 42	0 33	25 49	2 22	19 18	1 25	22 6	0 56	21 41	1 11	23 19	0 11	5 12	1 46	30 51	10 12	16 22	16 14	20 16			n.a.
M21	19 29	20 47	5 16	23 32	0 21	25 44	2 21	19 9	1 23	22 4	0 56	21 40	1 11	23 19	0 11	5 13	1 46	30 50	10 12	16 22	16 13	20 14			n.a.
T 22	19 43	16 36	5 6	23 21	0 7	25 38	2 21	18 59	1 22	22 3	0 56	21 39	1 11	23 19	0 11	5 13	1 46	30 50	10 12	16 22	16 12	20 12			n.a.
W23	19 56	11 47	4 42	23 9	0s 7	25 32	2 20	18 49	1 21	22 1	0 56	21 38	1 11	23 19	0 11	5 13	1 46	30 50	10 12	16 22	16 12	20 9			n.a.
T 24	20 9	6 27	4 7	22 56	0 21	25 25	2 19	18 38	1 20	21 59	0 56	21 37	1 11	23 19	0 11	5 13	1 46	30 49	10 11	16 23	16 11	20 7			n.a.
F 25	20 21	0 48	3 19	22 42	0 36	25 17	2 18	18 28	1 19	21 57	0 56	21 36	1 11	23 18	0 11	5 13	1 46	30 49	10 11	16 23	16 10	20 5			n.a.
S 26	20 33	5n 0	2 21	22 28	0 51	25 9	2 17	18 18	1 18	21 55	0 56	21 35	1 11	23 18	0 11	5 13	1 46	30 48	10 11	16 23	16 9	20 3			n.a.
S 27	20 45	10 46	1 15	22 12	1 7	25 0	2 15	18 7	1 17	21 53	0 56	21 34	1 11	23 18	0 11	5 13	1 46	30 48	10 11	16 24	16 8	20 0			n.a.
M28	20 56	16 12	0 3	21 56	1 23	24 51	2 14	17 57	1 16	21 51	0 56	21 32	1 11	23 18	0 11	5 13	1 46	30 47	10 11	16 24	16 7	19 58			n.a.
T 29	21 7	21 0	1n11	21 40	1 39	24 41	2 12	17 46	1 15	21 49	0 56	21 31	1 11	23 18	0 11	5 13	1 46	30 47	10 10	16 24	16 6	19 56			n.a.
W30	21 18	24 46	2 23	21 23	1 55	24 30	2 11	17 35	1 14	21 47	0 56	21 30	1 11	23 17	0 11	5 13	1 46	30 47	10 10	16 23	16 5	19 53			n.a.
T 31	21n29	27n 4	3n27	21n 6	2s12	24n19	2n 9	17n24	1n13	21n45	0n56	21n29	1n11	23s17	0s11	5n13	1n46	30n46	10n10	16n23	16n 4	19s51			n.a.

Julian Day Number = 1712046.5, Delta T = 03h00m14s
Ecliptic obliquity = 23°42'00, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°25'01, Lahiri = - 4°18'00 Julian Calendar 1 May 26 BCE == Greg. Calendar 29 Apr. 026 BCE

The year -25 astronomical counting style corresponds to year 026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 26 BCE
geocentric

JUNE 26 BCE (-25) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 26 4	6♊34'30	9♋55	19°R15	21♋ 2	16♌27	27♋55	0♌19	17°R27	21°R 0	27♋50	14°R30	13♉27	19♒59	n.a.	F 1
S 2	16 30 0	7°31'38	24°20	18♊53	22° 5	17° 0	28° 5	0°24	17♐25	21♍ 0	27°52	14♉27	13°24	20° 6	n.a.	S 2
S 3	16 33 57	8°28'46	8♌47	18°28	23° 8	17°34	28°16	0°30	17°22	21° 0	27°53	14°24	13°21	20°13	n.a.	S 3
M 4	16 37 53	9°25'53	23°10	17°59	24°11	18° 7	28°26	0°35	17°20	21° 0	27°54	14°22	13°18	20°19	n.a.	M 4
T 5	16 41 50	10°23'00	7♍26	17°27	25°13	18°41	28°37	0°41	17°18	21°D 0	27°56	14°D21	13°14	20°26	n.a.	T 5
W 6	16 45 46	11°20'07	21°33	16°53	26°16	19°15	28°47	0°47	17°15	21° 0	27°57	14°22	13°11	20°33	n.a.	W 6
T 7	16 49 43	12°17'14	5♎28	16°18	27°18	19°49	28°58	0°53	17°13	21° 0	27°59	14°23	13° 8	20°40	n.a.	T 7
F 8	16 53 40	13°14'21	19°11	15°41	28°19	20°23	29° 9	0°58	17°10	21° 0	28° 0	14°24	13° 5	20°46	n.a.	F 8
S 9	16 57 36	14°11'27	2♏42	15° 3	29°21	20°58	29°20	1° 4	17° 8	21° 0	28° 2	14°26	13° 2	20°53	n.a.	S 9
S 10	17 1 33	15° 8'34	16° 1	14°25	0♌22	21°32	29°31	1°10	17° 5	21° 0	28° 3	14°R26	12°59	21° 0	n.a.	S 10
M11	17 5 29	16° 5'41	29° 7	13°48	1°22	22° 7	29°42	1°16	17° 3	21° 0	28° 5	14°25	12°55	21° 7	n.a.	M11
T 12	17 9 26	17° 2'48	12♐ 0	13°13	2°23	22°41	29°53	1°22	17° 1	21° 1	28° 6	14°23	12°52	21°13	n.a.	T 12
W13	17 13 22	17°59'55	24°41	12°39	3°23	23°16	0♌ 4	1°29	16°58	21° 1	28° 8	14°19	12°49	21°20	n.a.	W13
T 14	17 17 19	18°57'03	7♑ 9	12° 8	4°22	23°51	0°15	1°35	16°56	21° 1	28° 9	14°14	12°46	21°27	n.a.	T 14
F 15	17 21 16	19°54'11	19°26	11°40	5°22	24°26	0°26	1°41	16°53	21° 1	28°11	14° 7	12°43	21°33	n.a.	F 15
S 16	17 25 12	20°51'20	1♒33	11°16	6°21	25° 1	0°38	1°47	16°51	21° 2	28°12	14° 1	12°40	21°40	n.a.	S 16
S 17	17 29 9	21°48'29	13°32	10°56	7°19	25°36	0°49	1°54	16°49	21° 2	28°14	13°55	12°36	21°47	n.a.	S 17
M18	17 33 5	22°45'39	25°26	10°40	8°17	26°11	1° 0	2° 0	16°46	21° 3	28°16	13°51	12°33	21°54	n.a.	M18
T 19	17 37 2	23°42'50	7♓18	10°29	9°15	26°47	1°12	2° 6	16°44	21° 3	28°17	13°48	12°30	22° 0	n.a.	T 19
W20	17 40 58	24°40'01	19°13	10°24	10°12	27°22	1°24	2°13	16°41	21° 3	28°19	13°46	12°27	22° 7	n.a.	W20
T 21	17 44 55	25°37'13	1♈16	10°D23	11° 9	27°58	1°35	2°19	16°39	21° 4	28°21	13°D46	12°24	22°14	n.a.	T 21
F 22	17 48 51	26°34'26	13°31	10°29	12° 6	28°33	1°47	2°26	16°37	21° 4	28°22	13°47	12°20	22°20	n.a.	F 22
S 23	17 52 48	27°31'40	26° 3	10°39	13° 2	29° 9	1°59	2°33	16°34	21° 5	28°24	13°49	12°17	22°27	n.a.	S 23
S 24	17 56 45	28°28'55	8♉56	10°56	13°57	29°45	2°10	2°39	16°32	21° 6	28°26	13°R50	12°14	22°34	n.a.	S 24
M25	18 0 41	29°26'11	22°14	11°19	14°52	0♍21	2°22	2°46	16°29	21° 6	28°27	13°49	12°11	22°41	n.a.	M25
T 26	18 4 38	0♋23'28	5♊57	11°47	15°47	0°57	2°34	2°53	16°27	21° 7	28°29	13°47	12° 8	22°47	n.a.	T 26
W27	18 8 34	1°20'46	20° 6	12°21	16°41	1°34	2°46	3° 0	16°25	21° 8	28°31	13°43	12° 5	22°54	n.a.	W27
T 28	18 12 31	2°18'05	4♋35	13° 1	17°34	2°10	2°58	3° 6	16°23	21° 8	28°33	13°37	12° 1	23° 1	n.a.	T 28
F 29	18 16 27	3°15'24	19°20	13°46	18°27	2°46	3°10	3°13	16°20	21° 9	28°35	13°30	11°58	23° 8	n.a.	F 29
S 30	18 20 24	4♋12'44	4♌11	14♊38	19♌19	3♍23	3♌23	3♌20	16♐18	21♍10	28♋36	13♉23	11♉55	23♒14	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n39	27n37	4n19	20n48	2s28	24n 7	2n 7	17n13	1n12	21n43	0n56	21n28	1n11	23s17	0s11	5n13	1n46	30n46	10n10	16n22	16n 3	19s49		n.a.
S 2	21 48	26 19	4 55	20 31	2 43	23 55	2 5	17 2	1 11	21 41	0 56	21 26	1 11	23 17	0 11	5 13	1 46	30 45	10 10	16 21	16 2	19 47		n.a.
S 3	21 57	23 16	5 12	20 14	2 58	23 42	2 2	16 50	1 9	21 38	0 56	21 25	1 11	23 17	0 11	5 13	1 46	30 45	10 10	16 20	16 1	19 44		n.a.
M 4	22 6	18 49	5 10	19 57	3 13	23 29	2 0	16 39	1 8	21 36	0 56	21 24	1 11	23 16	0 11	5 13	1 46	30 44	10 10	16 19	16 0	19 42		n.a.
T 5	22 15	13 19	4 49	19 40	3 27	23 15	1 57	16 27	1 7	21 34	0 56	21 23	1 11	23 16	0 11	5 13	1 46	30 44	10 9	16 19	15 59	19 40		n.a.
W 6	22 23	7 13	4 10	19 24	3 40	23 0	1 55	16 16	1 6	21 32	0 55	21 21	1 11	23 16	0 11	5 13	1 46	30 43	10 9	16 19	15 58	19 37		n.a.
T 7	22 31	0 49	3 17	19 9	3 51	22 45	1 52	16 4	1 5	21 30	0 55	21 20	1 11	23 16	0 11	5 13	1 45	30 43	10 9	16 20	15 57	19 35		n.a.
F 8	22 38	5s32	2 14	18 55	4 2	22 30	1 49	15 52	1 4	21 27	0 55	21 19	1 11	23 15	0 11	5 13	1 45	30 43	10 9	16 20	15 56	19 33		n.a.
S 9	22 45	11 33	1 4	18 41	4 11	22 14	1 46	15 40	1 3	21 25	0 55	21 18	1 11	23 15	0 11	5 13	1 45	30 42	10 9	16 20	15 55	19 30		n.a.
S 10	22 52	16 57	0s 9	18 29	4 19	21 58	1 43	15 28	1 2	21 23	0 55	21 16	1 11	23 15	0 11	5 13	1 45	30 42	10 9	16 21	15 54	19 28		n.a.
M11	22 58	21 28	1 19	18 19	4 26	21 41	1 39	15 15	1 1	21 20	0 55	21 15	1 11	23 15	0 11	5 13	1 45	30 41	10 9	16 20	15 53	19 26		n.a.
T 12	23 4	24 52	2 25	18 9	4 31	21 24	1 36	15 3	1 0	21 18	0 55	21 13	1 11	23 15	0 11	5 13	1 45	30 41	10 8	16 20	15 52	19 23		n.a.
W13	23 9	26 57	3 22	18 2	4 34	21 6	1 32	14 51	0 59	21 15	0 55	21 12	1 11	23 14	0 11	5 12	1 45	30 40	10 8	16 18	15 51	19 21		n.a.
T 14	23 14	27 38	4 8	17 56	4 36	20 48	1 28	14 38	0 58	21 13	0 55	21 11	1 11	23 14	0 11	5 12	1 45	30 40	10 8	16 17	15 50	19 19		n.a.
F 15	23 19	26 55	4 42	17 52	4 36	20 29	1 24	14 25	0 57	21 10	0 55	21 9	1 11	23 14	0 11	5 12	1 45	30 39	10 8	16 15	15 49	19 16		n.a.
S 16	23 23	24 57	5 3	17 51	4 34	20 11	1 20	14 13	0 56	21 8	0 55	21 8	1 11	23 14	0 11	5 12	1 45	30 39	10 8	16 13	15 48	19 14		n.a.
S 17	23 27	21 53	5 10	17 51	4 32	19 51	1 15	14 0	0 55	21 5	0 55	21 6	1 11	23 13	0 11	5 12	1 45	30 39	10 8	16 11	15 47	19 12		n.a.
M18	23 30	17 56	5 4	17 53	4 27	19 32	1 11	13 47	0 54	21 3	0 55	21 5	1 11	23 13	0 11	5 12	1 45	30 38	10 8	16 10	15 46	19 9		n.a.
T 19	23 33	13 19	4 44	17 57	4 22	19 12	1 6	13 34	0 54	21 0	0 55	21 3	1 11	23 13	0 11	5 11	1 45	30 38	10 8	16 9	15 45	19 7		n.a.
W20	23 35	8 11	4 13	18 3	4 15	18 52	1 1	13 20	0 53	20 58	0 55	21 2	1 11	23 13	0 11	5 11	1 45	30 37	10 8	16 9	15 44	19 5		n.a.
T 21	23 38	2 42	3 30	18 11	4 7	18 31	0 56	13 7	0 52	20 55	0 55	21 1	1 11	23 12	0 11	5 11	1 45	30 37	10 8	16 9	15 43	19 2		n.a.
F 22	23 39	2n59	2 37	18 20	3 58	18 10	0 51	12 54	0 51	20 52	0 55	20 59	1 11	23 12	0 11	5 11	1 45	30 36	10 7	16 9	15 42	19 0		n.a.
S 23	23 41	8 42	1 35	18 32	3 48	17 49	0 46	12 40	0 50	20 50	0 55	20 57	1 11	23 12	0 11	5 10	1 45	30 36	10 7	16 9	15 41	18 57		n.a.
S 24	23 41	14 13	0 26	18 45	3 37	17 28	0 40	12 26	0 49	20 47	0 55	20 56	1 11	23 12	0 11	5 10	1 45	30 35	10 7	16 10	15 40	18 55		n.a.
M25	23 42	19 15	0n45	19 0	3 25	17 6	0 35	12 13	0 48	20 44	0 55	20 54	1 11	23 12	0 11	5 10	1 45	30 35	10 7	16 10	15 40	18 53		n.a.
T 26	23 42	23 27	1 56	19 16	3 13	16 44	0 29	11 59	0 47	20 42	0 55	20 53	1 11	23 11	0 11	5 9	1 44	30 35	10 7	16 9	15 39	18 50		n.a.
W27	23 42	26 22	3 3	19 33	3 0	16 22	0 23	11 45	0 46	20 39	0 55	20 51	1 11	23 11	0 11	5 9	1 44	30 34	10 7	16 8	15 38	18 48		n.a.
T 28	23 41	27 36	3 59	19 52	2 46	16 0	0 17	11 31	0 45	20 36	0 55	20 50	1 11	23 11	0 11	5 9	1 44	30 34	10 7	16 6	15 37	18 45		n.a.
F 29	23 40	26 54	4 40	20 11	2 32	15 38	0 10	11 17	0 44	20 33	0 55	20 48	1 11	23 11	0 11	5 8	1 44	30 33	10 7	16 4	15 36	18 43		n.a.
S 30	23n38	24n18	5n 2	20n31	2s18	15n15	0n 4	11n 3	0n43	20n30	0n55	20n46	1n11	23s10	0s11	5n 8	1n44	30n33	10n 7	16n 1	15n35	18s40		n.a.

Julian Day Number = 1712077.5, Delta T = 03h00m13s
Ecliptic obliquity = 23°41'59, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°24'56, Lahiri = - 4°17'56 Julian Calendar 1 June 26 BCE == Greg. Calendar 30 May 026 BCE

The year -25 astronomical counting style corresponds to year 026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 26 BCE
geocentric

JULY 26 BCE (-25) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 24 20	5♋10'05	19♌ 2	15♊35	20♌11	4♍ 0	3♌35	3♌27	16°R16	21♍11	28♋38	13°R16	11♉52	23♒21	n.a.	S 1
M 2	18 28 17	6° 7'27	3♍43	16°37	21° 2	4°36	3°47	3°34	16♐13	21°11	28°40	13♉10	11°49	23°28	n.a.	M 2
T 3	18 32 14	7° 4'49	18°10	17°45	21°53	5°13	3°59	3°41	16°11	21°12	28°42	13° 7	11°46	23°34	n.a.	T 3
W 4	18 36 10	8° 2'12	2♎18	18°58	22°42	5°50	4°11	3°48	16° 9	21°13	28°44	13°D 5	11°42	23°41	n.a.	W 4
T 5	18 40 7	8°59'35	16° 7	20°17	23°31	6°27	4°24	3°55	16° 7	21°14	28°45	13° 5	11°39	23°48	n.a.	T 5
F 6	18 44 3	9°57'00	29°38	21°40	24°20	7° 4	4°36	4° 2	16° 5	21°15	28°47	13° 6	11°36	23°55	n.a.	F 6
S 7	18 48 0	10°54'25	12♏51	23° 8	25° 7	7°42	4°49	4°10	16° 3	21°16	28°49	13°R 6	11°33	24° 1	n.a.	S 7
S 8	18 51 56	11°51'51	25°50	24°41	25°54	8°19	5° 1	4°17	16° 0	21°17	28°51	13° 6	11°30	24° 8	n.a.	S 8
M 9	18 55 53	12°49'18	8♐36	26°18	26°40	8°56	5°14	4°24	15°58	21°18	28°53	13° 3	11°26	24°15	n.a.	M 9
T 10	18 59 49	13°46'46	21°11	27°59	27°25	9°34	5°26	4°31	15°56	21°19	28°55	12°57	11°23	24°22	n.a.	T 10
W11	19 3 46	14°44'15	3♑36	29°43	28° 9	10°11	5°39	4°38	15°54	21°20	28°57	12°49	11°20	24°28	n.a.	W11
T 12	19 7 43	15°41'46	15°52	1♋31	28°52	10°49	5°51	4°46	15°52	21°22	28°59	12°39	11°17	24°35	n.a.	T 12
F 13	19 11 39	16°39'17	28° 0	3°22	29°34	11°27	6° 4	4°53	15°50	21°23	29° 1	12°28	11°14	24°42	n.a.	F 13
S 14	19 15 36	17°36'50	10♒ 1	5°16	0♍15	12° 5	6°17	5° 0	15°48	21°24	29° 2	12°16	11°11	24°48	n.a.	S 14
S 15	19 19 32	18°34'24	21°56	7°12	0°55	12°43	6°29	5° 8	15°46	21°25	29° 4	12° 5	11° 7	24°55	n.a.	S 15
M16	19 23 29	19°32'00	3♓48	9° 9	1°34	13°21	6°42	5°15	15°45	21°26	29° 6	11°55	11° 4	25° 2	n.a.	M16
T 17	19 27 25	20°29'37	15°39	11° 9	2°12	13°59	6°55	5°22	15°43	21°28	29° 8	11°48	11° 1	25° 9	n.a.	T 17
W18	19 31 22	21°27'16	27°32	13° 9	2°49	14°37	7° 8	5°30	15°41	21°29	29°10	11°43	10°58	25°15	n.a.	W18
T 19	19 35 19	22°24'56	9♈33	15°10	3°25	15°15	7°20	5°37	15°39	21°30	29°12	11°40	10°55	25°22	n.a.	T 19
F 20	19 39 15	23°22'38	21°45	17°11	3°59	15°54	7°33	5°44	15°37	21°32	29°14	11°D39	10°52	25°29	n.a.	F 20
S 21	19 43 12	24°20'22	4♉13	19°13	4°32	16°32	7°46	5°52	15°36	21°33	29°16	11°39	10°48	25°35	n.a.	S 21
S 22	19 47 8	25°18'07	17° 4	21°15	5° 4	17°11	7°59	5°59	15°34	21°34	29°18	11°R39	10°45	25°42	n.a.	S 22
M23	19 51 5	26°15'55	0♊20	23°16	5°34	17°49	8°12	6° 7	15°32	21°36	29°20	11°38	10°42	25°49	n.a.	M23
T 24	19 55 1	27°13'44	14° 5	25°17	6° 3	18°28	8°25	6°14	15°31	21°37	29°22	11°35	10°39	25°56	n.a.	T 24
W25	19 58 58	28°11'35	28°19	27°17	6°30	19° 7	8°38	6°22	15°29	21°39	29°24	11°29	10°36	26° 2	n.a.	W25
T 26	20 2 54	29° 9'28	13♋ 0	29°16	6°56	19°46	8°51	6°29	15°28	21°40	29°26	11°21	10°32	26° 9	n.a.	T 26
F 27	20 6 51	0♌ 7'22	28° 0	1♌14	7°20	20°25	9° 3	6°37	15°26	21°42	29°28	11°10	10°29	26°16	n.a.	F 27
S 28	20 10 48	1° 5'18	13♌11	3°12	7°42	21° 4	9°16	6°44	15°25	21°43	29°30	10°59	10°26	26°22	n.a.	S 28
S 29	20 14 44	2° 3'16	28°22	5° 8	8° 3	21°43	9°29	6°52	15°23	21°45	29°31	10°49	10°23	26°29	n.a.	S 29
M30	20 18 41	3° 1'15	13♍23	7° 3	8°22	22°22	9°42	6°59	15°22	21°47	29°33	10°41	10°20	26°36	n.a.	M30
T 31	20 22 37	3♌59'16	28♍ 5	8♌57	8♍39	23♍ 2	9♌55	7♌ 7	15♐20	21♍48	29♋35	10♉35	10♉17	26♒43	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n36	20n 6	5n 5	20n52	2s 4	14n52	0s 3	10n48	0n42	20n27	0n55	20n45	1n11	23s10	0s11	5n 8	1n44	30n32	10n 7	15n59	15n34	18s38			n.a.
M 2	23 33	14 42	4 47	21 12	1 49	14 29	0 10	10 34	0 41	20 24	0 55	20 43	1 11	23 10	0 11	5 7	1 44	30 32	10 7	15 58	15 33	18 35			n.a.
T 3	23 31	8 34	4 11	21 33	1 35	14 6	0 17	10 19	0 40	20 22	0 55	20 42	1 11	23 10	0 11	5 7	1 44	30 31	10 7	15 57	15 32	18 33			n.a.
W 4	23 27	2 8	3 21	21 54	1 20	13 43	0 24	10 5	0 40	20 19	0 55	20 40	1 11	23 9	0 11	5 6	1 44	30 31	10 7	15 56	15 31	18 31			n.a.
T 5	23 23	4s16	2 19	22 15	1 6	13 20	0 31	9 50	0 39	20 16	0 55	20 38	1 11	23 9	0 11	5 6	1 44	30 31	10 7	15 56	15 30	18 28			n.a.
F 6	23 19	10 21	1 12	22 35	0 52	12 57	0 39	9 36	0 38	20 13	0 55	20 37	1 11	23 9	0 11	5 6	1 44	30 30	10 7	15 56	15 29	18 26			n.a.
S 7	23 15	15 51	0 1	22 54	0 38	12 33	0 47	9 21	0 37	20 10	0 55	20 35	1 11	23 9	0 11	5 5	1 44	30 30	10 7	15 57	15 28	18 23			n.a.
S 8	23 10	20 31	1s 8	23 12	0 24	12 10	0 55	9 6	0 36	20 7	0 55	20 33	1 11	23 9	0 11	5 5	1 44	30 29	10 7	15 56	15 27	18 21			n.a.
M 9	23 4	24 9	2 12	23 28	0 11	11 47	1 3	8 51	0 35	20 4	0 55	20 31	1 11	23 8	0 11	5 4	1 44	30 29	10 7	15 55	15 26	18 18			n.a.
T 10	22 59	26 32	3 8	23 43	0n 2	11 23	1 11	8 36	0 34	20 0	0 55	20 30	1 11	23 8	0 11	5 4	1 44	30 28	10 7	15 54	15 25	18 16			n.a.
W11	22 52	27 34	3 55	23 56	0 14	11 0	1 20	8 21	0 33	19 57	0 55	20 28	1 11	23 8	0 11	5 3	1 44	30 28	10 7	15 51	15 24	18 13			n.a.
T 12	22 46	27 13	4 30	24 7	0 26	10 37	1 28	8 5	0 32	19 54	0 55	20 26	1 12	23 8	0 11	5 3	1 44	30 28	10 7	15 48	15 23	18 11			n.a.
F 13	22 39	25 34	4 53	24 16	0 37	10 14	1 37	7 50	0 32	19 51	0 55	20 25	1 12	23 8	0 11	5 2	1 44	30 27	10 7	15 45	15 22	18 8			n.a.
S 14	22 32	22 46	5 2	24 22	0 47	9 51	1 46	7 35	0 31	19 48	0 55	20 23	1 12	23 7	0 11	5 2	1 44	30 27	10 7	15 41	15 21	18 6			n.a.
S 15	22 24	19 2	4 58	24 26	0 56	9 28	1 56	7 19	0 30	19 45	0 55	20 21	1 12	23 7	0 11	5 1	1 44	30 26	10 7	15 38	15 20	18 3			n.a.
M16	22 16	14 34	4 41	24 28	1 5	9 5	2 5	7 4	0 29	19 41	0 55	20 19	1 12	23 7	0 11	5 1	1 44	30 26	10 7	15 35	15 19	18 1			n.a.
T 17	22 7	9 35	4 12	24 26	1 13	8 43	2 15	6 48	0 28	19 38	0 55	20 17	1 12	23 7	0 11	5 0	1 43	30 26	10 7	15 32	15 18	17 58			n.a.
W18	21 58	4 13	3 31	24 22	1 20	8 20	2 24	6 32	0 27	19 35	0 55	20 16	1 12	23 7	0 11	5 0	1 43	30 25	10 7	15 31	15 17	17 56			n.a.
T 19	21 49	1n21	2 42	24 15	1 26	7 58	2 34	6 17	0 26	19 32	0 55	20 14	1 12	23 6	0 11	4 59	1 43	30 25	10 7	15 30	15 16	17 53			n.a.
F 20	21 39	6 58	1 44	24 5	1 31	7 36	2 44	6 1	0 25	19 28	0 55	20 12	1 12	23 6	0 11	4 59	1 43	30 24	10 7	15 30	15 15	17 51			n.a.
S 21	21 29	12 27	0 39	23 53	1 36	7 15	2 55	5 45	0 25	19 25	0 55	20 10	1 12	23 6	0 11	4 58	1 43	30 24	10 7	15 30	15 14	17 48			n.a.
S 22	21 19	17 34	0n29	23 38	1 40	6 53	3 5	5 29	0 24	19 22	0 55	20 8	1 12	23 6	0 11	4 57	1 43	30 24	10 7	15 30	15 13	17 45			n.a.
M23	21 8	22 2	1 37	23 21	1 42	6 32	3 16	5 13	0 23	19 18	0 55	20 7	1 12	23 6	0 11	4 57	1 43	30 23	10 7	15 29	15 12	17 43			n.a.
T 24	20 56	25 26	2 43	23 2	1 45	6 12	3 27	4 57	0 22	19 15	0 55	20 5	1 12	23 5	0 11	4 56	1 43	30 23	10 7	15 28	15 11	17 40			n.a.
W25	20 45	27 21	3 40	22 40	1 46	5 51	3 38	4 41	0 21	19 12	0 56	20 3	1 12	23 5	0 11	4 55	1 43	30 22	10 7	15 26	15 10	17 38			n.a.
T 26	20 33	27 27	4 25	22 16	1 47	5 32	3 49	4 24	0 20	19 8	0 56	20 1	1 12	23 5	0 11	4 55	1 43	30 22	10 7	15 24	15 9	17 35			n.a.
F 27	20 21	25 34	4 53	21 50	1 47	5 12	4 0	4 8	0 20	19 5	0 56	19 59	1 12	23 5	0 11	4 54	1 43	30 22	10 7	15 21	15 8	17 33			n.a.
S 28	20 8	21 50	5 0	21 23	1 47	4 53	4 11	3 52	0 19	19 1	0 56	19 57	1 12	23 5	0 11	4 54	1 43	30 21	10 7	15 17	15 7	17 30			n.a.
S 29	19 55	16 38	4 47	20 54	1 46	4 35	4 23	3 36	0 18	18 58	0 56	19 55	1 12	23 5	0 11	4 53	1 43	30 21	10 7	15 14	15 6	17 28			n.a.
M30	19 42	10 29	4 13	20 23	1 44	4 17	4 34	3 19	0 17	18 54	0 56	19 54	1 12	23 5	0 11	4 52	1 43	30 21	10 8	15 11	15 5	17 25			n.a.
T 31	19n28	3n53	3n24	19n51	1n42	4n 0	4s46	3n 3	0n16	18n51	0n56	19n52	1n12	23s 4	0s11	4n52	1n43	30n20	10n 8	15n 9	15n 4	17s22			n.a.

Julian Day Number = 1712107.5, Delta T = 03h00m12s
Ecliptic obliquity = 23°41'59, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°24'52, Lahiri = - 4°17'52 Julian Calendar 1 July 26 BCE == Greg. Calendar 29 June 026 BCE

The year -25 astronomical counting style corresponds to year 026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 26 BCE
geocentric

AUGUST 26 BCE (-25) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 26 34	4♌57'18	12♎24	10♌49	8♍54	23♍41	10♌ 9	7♌15	15°R19	21♍50	29♋37	10°R31	10♉13	26♒49	n.a.	W 1
T 2	20 30 30	5°55'21	26°17	12°41	9° 7	24°21	10°22	7°22	15♐18	21°51	29°39	10♉30	10°10	26°56	n.a.	T 2
F 3	20 34 27	6°53'26	9♏46	14°31	9°18	25° 0	10°35	7°30	15°17	21°53	29°41	10°30	10° 7	27° 3	n.a.	F 3
S 4	20 38 23	7°51'32	22°53	16°20	9°27	25°40	10°48	7°37	15°16	21°55	29°43	10°30	10° 4	27° 9	n.a.	S 4
S 5	20 42 20	8°49'40	5♐41	18° 7	9°34	26°20	11° 1	7°45	15°14	21°57	29°45	10°28	10° 1	27°16	n.a.	S 5
M 6	20 46 17	9°47'50	18°14	19°54	9°39	27° 0	11°14	7°52	15°13	21°58	29°47	10°24	9°58	27°23	n.a.	M 6
T 7	20 50 13	10°46'01	0♑35	21°39	9°R41	27°40	11°27	8° 0	15°12	22° 0	29°49	10°18	9°54	27°30	n.a.	T 7
W 8	20 54 10	11°44'14	12°48	23°23	9°41	28°20	11°40	8° 7	15°11	22° 2	29°51	10° 8	9°51	27°36	n.a.	W 8
T 9	20 58 6	12°42'28	24°53	25° 6	9°38	29° 0	11°53	8°15	15°10	22° 4	29°53	9°56	9°48	27°43	n.a.	T 9
F 10	21 2 3	13°40'45	6♒52	26°47	9°34	29°40	12° 6	8°22	15° 9	22° 6	29°55	9°42	9°45	27°50	n.a.	F 10
S 11	21 5 59	14°39'03	18°48	28°28	9°26	0♎20	12°19	8°30	15° 9	22° 7	29°57	9°28	9°42	27°57	n.a.	S 11
S 12	21 9 56	15°37'23	0♓40	0♍ 7	9°17	1° 1	12°32	8°38	15° 8	22° 9	29°58	9°15	9°38	28° 3	n.a.	S 12
M13	21 13 52	16°35'45	12°32	1°45	9° 5	1°41	12°45	8°45	15° 7	22°11	0♌ 0	9° 3	9°35	28°10	n.a.	M13
T 14	21 17 49	17°34'09	24°23	3°22	8°51	2°21	12°58	8°53	15° 6	22°13	0° 2	8°54	9°32	28°17	n.a.	T 14
W15	21 21 45	18°32'35	6♈18	4°58	8°34	3° 2	13°11	9° 0	15° 6	22°15	0° 4	8°47	9°29	28°23	n.a.	W15
T 16	21 25 42	19°31'03	18°19	6°33	8°15	3°43	13°24	9° 7	15° 5	22°17	0° 6	8°43	9°26	28°30	n.a.	T 16
F 17	21 29 39	20°29'34	0♉31	8° 6	7°54	4°23	13°37	9°15	15° 4	22°19	0° 8	8°42	9°23	28°37	n.a.	F 17
S 18	21 33 35	21°28'07	12°58	9°39	7°31	5° 4	13°50	9°22	15° 4	22°21	0°10	8°D42	9°19	28°44	n.a.	S 18
S 19	21 37 32	22°26'42	25°44	11°10	7° 5	5°45	14° 3	9°30	15° 3	22°23	0°11	8°R42	9°16	28°50	n.a.	S 19
M20	21 41 28	23°25'19	8♊55	12°41	6°38	6°26	14°16	9°37	15° 3	22°25	0°13	8°41	9°13	28°57	n.a.	M20
T 21	21 45 25	24°23'59	22°33	14°10	6° 9	7° 7	14°29	9°45	15° 3	22°27	0°15	8°38	9°10	29° 4	n.a.	T 21
W22	21 49 21	25°22'42	6♋41	15°39	5°38	7°48	14°42	9°52	15° 2	22°29	0°17	8°33	9° 7	29°10	n.a.	W22
T 23	21 53 18	26°21'26	21°18	17° 6	5° 6	8°29	14°55	9°59	15° 2	22°31	0°19	8°25	9° 4	29°17	n.a.	T 23
F 24	21 57 14	27°20'13	6♌18	18°32	4°33	9°11	15° 8	10° 7	15° 2	22°33	0°21	8°16	9° 0	29°24	n.a.	F 24
S 25	22 1 11	28°19'02	21°33	19°57	3°58	9°52	15°21	10°14	15° 2	22°35	0°22	8° 5	8°57	29°31	n.a.	S 25
S 26	22 5 8	29°17'53	6♍53	21°21	3°23	10°34	15°34	10°21	15° 2	22°37	0°24	7°55	8°54	29°37	n.a.	S 26
M27	22 9 4	0♍16'46	22° 5	22°43	2°47	11°15	15°47	10°29	15° 2	22°39	0°26	7°47	8°51	29°44	n.a.	M27
T 28	22 13 1	1°15'41	7♎ 1	24° 5	2°10	11°57	15°59	10°36	15°D 2	22°41	0°28	7°41	8°48	29°51	n.a.	T 28
W29	22 16 57	2°14'38	21°32	25°25	1°34	12°38	16°12	10°43	15° 2	22°44	0°29	7°38	8°44	29°57	n.a.	W29
T 30	22 20 54	3°13'37	5♏35	26°44	0°57	13°20	16°25	10°50	15° 2	22°46	0°31	7°D37	8°41	0♓ 4	n.a.	T 30
F 31	22 24 50	4♍12'37	19♏11	28♍ 1	0♍21	14♎ 2	16♌38	10♌57	15♐ 2	22♍48	0♌33	7♉38	8♉38	0♓11	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	19n14	2s46	2n23	19n18	1n39	3n43	4s58	2n46	0n15	18n47	0n56	19n50	1n13	23s 4	0s11	4n51	1n43	30n20	10n 8	15n 8	15n 3	17s20			n.a.
T 2	19 0	9 6	1 14	18 43	1 36	3 27	5 10	2 30	0 15	18 44	0 56	19 48	1 13	23 4	0 11	4 50	1 43	30 20	10 8	15 8	15 2	17 17			n.a.
F 3	18 45	14 50	0 4	18 8	1 32	3 12	5 22	2 13	0 14	18 40	0 56	19 46	1 13	23 4	0 11	4 49	1 43	30 19	10 8	15 8	15 1	17 15			n.a.
S 4	18 30	19 44	1s 5	17 31	1 29	2 58	5 33	1 56	0 13	18 37	0 56	19 44	1 13	23 4	0 11	4 49	1 43	30 19	10 8	15 8	15 0	17 12			n.a.
S 5	18 15	23 36	2 9	16 54	1 24	2 44	5 45	1 40	0 12	18 33	0 56	19 42	1 13	23 4	0 11	4 48	1 43	30 19	10 8	15 7	14 59	17 9			n.a.
M 6	17 59	26 15	3 5	16 16	1 20	2 32	5 57	1 23	0 11	18 30	0 56	19 40	1 13	23 4	0 11	4 47	1 43	30 18	10 8	15 6	14 58	17 7			n.a.
T 7	17 43	27 33	3 51	15 37	1 15	2 20	6 9	1 6	0 11	18 26	0 56	19 38	1 13	23 3	0 11	4 47	1 43	30 18	10 8	15 4	14 57	17 4			n.a.
W 8	17 27	27 30	4 27	14 58	1 9	2 9	6 21	0 49	0 10	18 22	0 56	19 37	1 13	23 3	0 11	4 46	1 43	30 18	10 9	15 1	14 56	17 1			n.a.
T 9	17 11	26 7	4 49	14 18	1 4	1 59	6 32	0 32	0 9	18 19	0 56	19 35	1 13	23 3	0 11	4 45	1 43	30 17	10 9	14 57	14 55	16 59			n.a.
F 10	16 54	23 34	4 59	13 37	0 58	1 50	6 44	0 16	0 8	18 15	0 56	19 33	1 13	23 3	0 11	4 44	1 43	30 17	10 9	14 53	14 54	16 56			n.a.
S 11	16 37	20 1	4 55	12 57	0 52	1 43	6 55	0s 1	0 7	18 12	0 56	19 31	1 13	23 3	0 11	4 43	1 43	30 17	10 9	14 48	14 53	16 54			n.a.
S 12	16 20	15 42	4 39	12 16	0 45	1 36	7 6	0 18	0 7	18 8	0 57	19 29	1 13	23 3	0 11	4 43	1 43	30 16	10 9	14 44	14 52	16 51			n.a.
M13	16 2	10 47	4 11	11 34	0 39	1 31	7 17	0 35	0 6	18 4	0 57	19 27	1 14	23 3	0 11	4 42	1 42	30 16	10 9	14 40	14 50	16 48			n.a.
T 14	15 44	5 29	3 31	10 53	0 32	1 26	7 27	0 52	0 5	18 1	0 57	19 25	1 14	23 3	0 11	4 41	1 42	30 16	10 9	14 37	14 49	16 46			n.a.
W15	15 26	0n 3	2 42	10 11	0 25	1 23	7 37	1 9	0 4	17 57	0 57	19 23	1 14	23 3	0 11	4 40	1 42	30 16	10 10	14 35	14 48	16 43			n.a.
T 16	15 8	5 38	1 46	9 29	0 18	1 21	7 47	1 26	0 3	17 53	0 57	19 21	1 14	23 3	0 11	4 40	1 42	30 15	10 10	14 34	14 47	16 40			n.a.
F 17	14 49	11 6	0 43	8 47	0 11	1 21	7 56	1 43	0 3	17 49	0 57	19 19	1 14	23 3	0 11	4 39	1 42	30 15	10 10	14 33	14 46	16 38			n.a.
S 18	14 30	16 15	0n23	8 6	0 4	1 22	8 4	2 0	0 2	17 46	0 57	19 17	1 14	23 3	0 11	4 38	1 42	30 15	10 10	14 33	14 45	16 35			n.a.
S 19	14 11	20 50	1 29	7 24	0s 4	1 23	8 12	2 17	0 1	17 42	0 57	19 15	1 14	23 2	0 11	4 37	1 42	30 15	10 10	14 33	14 44	16 32			n.a.
M20	13 52	24 32	2 33	6 42	0 11	1 27	8 19	2 35	0 0	17 38	0 57	19 14	1 14	23 2	0 11	4 36	1 42	30 14	10 10	14 33	14 43	16 30			n.a.
T 21	13 32	26 59	3 30	6 0	0 19	1 31	8 26	2 52	0s 0	17 35	0 57	19 12	1 14	23 2	0 11	4 35	1 42	30 14	10 11	14 32	14 42	16 27			n.a.
W22	13 12	27 48	4 17	5 19	0 27	1 37	8 31	3 9	0 1	17 31	0 57	19 10	1 14	23 2	0 11	4 35	1 42	30 14	10 11	14 30	14 41	16 24			n.a.
T 23	12 52	26 45	4 49	4 38	0 34	1 44	8 36	3 26	0 2	17 27	0 57	19 8	1 15	23 2	0 11	4 34	1 42	30 14	10 11	14 28	14 40	16 22			n.a.
F 24	12 32	23 46	5 2	3 56	0 42	1 52	8 41	3 43	0 3	17 23	0 57	19 6	1 15	23 2	0 11	4 33	1 42	30 13	10 11	14 25	14 39	16 19			n.a.
S 25	12 11	19 6	4 54	3 16	0 50	2 2	8 44	4 0	0 3	17 19	0 58	19 4	1 15	23 2	0 11	4 32	1 42	30 13	10 11	14 21	14 38	16 16			n.a.
S 26	11 51	13 10	4 25	2 35	0 58	2 12	8 46	4 17	0 4	17 16	0 58	19 2	1 15	23 2	0 11	4 31	1 42	30 13	10 12	14 18	14 37	16 13			n.a.
M27	11 30	6 29	3 37	1 55	1 5	2 23	8 48	4 34	0 5	17 12	0 58	19 0	1 15	23 2	0 11	4 30	1 42	30 13	10 12	14 15	14 36	16 11			n.a.
T 28	11 9	0s27	2 35	1 15	1 13	2 36	8 48	4 51	0 6	17 8	0 58	18 58	1 15	23 2	0 11	4 30	1 42	30 13	10 12	14 14	14 35	16 8			n.a.
W29	10 47	7 11	1 25	0 36	1 21	2 49	8 48	5 9	0 6	17 4	0 58	18 56	1 15	23 2	0 11	4 29	1 42	30 12	10 12	14 13	14 34	16 5			n.a.
T 30	10 26	13 22	0 11	0s 3	1 29	3 3	8 46	5 26	0 7	17 1	0 58	18 55	1 15	23 2	0 11	4 28	1 42	30 12	10 13	14 12	14 33	16 3			n.a.
F 31	10n 4	18s41	1s 1	0s41	1s37	3n18	8s44	5s43	0s 8	16n57	0n58	18n53	1n15	23s 2	0s11	4n27	1n42	30n12	10n13	14n12	14n32	16s 0			n.a.

Julian Day Number = 1712138.5, Delta T = 03h00m11s
Ecliptic obliquity = 23°42'00, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°24'48, Lahiri = - 4°17'48 Julian Calendar 1 Aug. 26 BCE == Greg. Calendar 30 July 026 BCE

The year -25 astronomical counting style corresponds to year 026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 26 BCE
geocentric

SEPTEMBER 26 BCE (-25) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 28 47	5♍11'40	2♐20	29♍18	29°R45	14♎44	16♌50	11♌ 5	15♐ 2	22♍50	0♌34	7°R38	8♉35	0♓18	n.a.	S 1
S 2	22 32 43	6°10'44	15° 7	0♎32	29♌10	15°26	17° 3	11°12	15° 2	22°52	0°36	7♉38	8°32	0°24	n.a.	S 2
M 3	22 36 40	7° 9'50	27°36	1°45	28°36	16° 8	17°16	11°19	15° 2	22°54	0°38	7°35	8°29	0°31	n.a.	M 3
T 4	22 40 37	8° 8'58	9♑51	2°57	28° 3	16°50	17°28	11°26	15° 3	22°56	0°39	7°31	8°25	0°38	n.a.	T 4
W 5	22 44 33	9° 8'09	21°56	4° 6	27°31	17°32	17°41	11°33	15° 3	22°59	0°41	7°24	8°22	0°44	n.a.	W 5
T 6	22 48 30	10° 7'20	3♒54	5°14	27° 1	18°14	17°54	11°40	15° 4	23° 1	0°42	7°15	8°19	0°51	n.a.	T 6
F 7	22 52 26	11° 6'34	15°48	6°19	26°33	18°57	18° 6	11°47	15° 4	23° 3	0°44	7° 4	8°16	0°58	n.a.	F 7
S 8	22 56 23	12° 5'50	27°41	7°23	26° 7	19°39	18°19	11°54	15° 5	23° 5	0°46	6°53	8°13	1° 5	n.a.	S 8
S 9	23 0 19	13° 5'08	9♓33	8°24	25°42	20°22	18°31	12° 0	15° 5	23° 7	0°47	6°43	8°10	1°11	n.a.	S 9
M10	23 4 16	14° 4'28	21°27	9°22	25°20	21° 4	18°43	12° 7	15° 6	23°10	0°49	6°34	8° 6	1°18	n.a.	M10
T 11	23 8 12	15° 3'50	3♈23	10°18	25° 0	21°47	18°56	12°14	15° 7	23°12	0°50	6°27	8° 3	1°25	n.a.	T 11
W12	23 12 9	16° 3'15	15°24	11°10	24°43	22°30	19° 8	12°21	15° 7	23°14	0°52	6°22	8° 0	1°31	n.a.	W12
T 13	23 16 5	17° 2'41	27°33	11°59	24°27	23°12	19°20	12°27	15° 8	23°16	0°53	6°20	7°57	1°38	n.a.	T 13
F 14	23 20 2	18° 2'10	9♉51	12°44	24°15	23°55	19°33	12°34	15° 9	23°19	0°54	6°D19	7°54	1°45	n.a.	F 14
S 15	23 23 59	19° 1'42	22°21	13°25	24° 4	24°38	19°45	12°41	15°10	23°21	0°56	6°20	7°50	1°52	n.a.	S 15
S 16	23 27 55	20° 1'16	5♊ 9	14° 2	23°57	25°21	19°57	12°47	15°11	23°23	0°57	6°22	7°47	1°58	n.a.	S 16
M17	23 31 52	21° 0'52	18°17	14°34	23°51	26° 4	20° 9	12°54	15°12	23°25	0°59	6°R22	7°44	2° 5	n.a.	M17
T 18	23 35 48	22° 0'30	1♋48	15° 0	23°48	26°47	20°21	13° 0	15°13	23°28	1° 0	6°22	7°41	2°12	n.a.	T 18
W19	23 39 45	23° 0'12	15°45	15°20	23°D48	27°30	20°33	13° 6	15°14	23°30	1° 1	6°20	7°38	2°18	n.a.	W19
T 20	23 43 41	23°59'55	0♌ 7	15°34	23°50	28°14	20°45	13°13	15°15	23°32	1° 3	6°16	7°35	2°25	n.a.	T 20
F 21	23 47 38	24°59'41	14°52	15°R41	23°54	28°57	20°57	13°19	15°16	23°34	1° 4	6°10	7°31	2°32	n.a.	F 21
S 22	23 51 34	25°59'29	29°54	15°41	24° 0	29°40	21° 9	13°25	15°18	23°37	1° 5	6° 4	7°28	2°38	n.a.	S 22
S 23	23 55 31	26°59'19	15♍ 4	15°32	24° 9	0♏24	21°20	13°32	15°19	23°39	1° 7	5°58	7°25	2°45	n.a.	S 23
M24	23 59 28	27°59'11	0♎13	15°15	24°20	1° 7	21°32	13°38	15°20	23°41	1° 8	5°53	7°22	2°52	n.a.	M24
T 25	0 3 24	28°59'06	15°10	14°49	24°33	1°51	21°44	13°44	15°22	23°43	1° 9	5°50	7°19	2°59	n.a.	T 25
W26	0 7 21	29°59'02	29°47	14°14	24°49	2°35	21°55	13°50	15°23	23°45	1°10	5°D48	7°15	3° 5	n.a.	W26
T 27	0 11 17	0♎59'00	13♏58	13°30	25° 6	3°18	22° 7	13°56	15°25	23°48	1°11	5°48	7°12	3°12	n.a.	T 27
F 28	0 15 14	1°59'00	27°42	12°38	25°25	4° 2	22°18	14° 2	15°26	23°50	1°12	5°50	7° 9	3°19	n.a.	F 28
S 29	0 19 10	2°59'02	10♐59	11°37	25°46	4°46	22°30	14° 7	15°28	23°52	1°14	5°51	7° 6	3°25	n.a.	S 29
S 30	0 23 7	3♎59'05	23♐52	10♎30	26♌ 9	5♏30	22♌41	14♌13	15♐30	23♍54	1♌15	5♉53	7♉ 3	3♓32	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n43	22s56	2s 8	1s18	1s44	3n34	8s41	6s 0	0s 9	16n53	0n58	18n51	1n16	23s 2	0s11	4n26	1n42	30n12	10n13	14n12	14n31	15s57		n.a.
S 2	9 21	25 56	3 6	1 55	1 52	3 50	8 36	6 17	0 9	16 49	0 58	18 49	1 16	23 2	0 11	4 25	1 42	30 12	10 13	14 12	14 30	15 54		n.a.
M 3	8 58	27 35	3 54	2 31	1 59	4 6	8 31	6 34	0 10	16 45	0 58	18 47	1 16	23 2	0 11	4 24	1 42	30 12	10 13	14 12	14 29	15 52		n.a.
T 4	8 36	27 49	4 30	3 7	2 6	4 23	8 25	6 51	0 11	16 42	0 59	18 45	1 16	23 2	0 11	4 23	1 42	30 11	10 14	14 10	14 28	15 49		n.a.
W 5	8 14	26 43	4 53	3 41	2 14	4 40	8 19	7 8	0 11	16 38	0 59	18 43	1 16	23 2	0 11	4 23	1 42	30 11	10 14	14 8	14 27	15 46		n.a.
T 6	7 51	24 24	5 4	4 15	2 21	4 57	8 11	7 25	0 12	16 34	0 59	18 42	1 16	23 2	0 11	4 22	1 42	30 11	10 14	14 5	14 26	15 43		n.a.
F 7	7 29	21 3	5 1	4 47	2 27	5 14	8 3	7 42	0 13	16 30	0 59	18 40	1 16	23 3	0 11	4 21	1 42	30 11	10 15	14 1	14 25	15 41		n.a.
S 8	7 6	16 51	4 45	5 19	2 34	5 31	7 54	7 59	0 14	16 26	0 59	18 38	1 16	23 3	0 11	4 20	1 42	30 11	10 15	13 58	14 24	15 38		n.a.
S 9	6 43	12 1	4 17	5 49	2 40	5 48	7 44	8 16	0 14	16 23	0 59	18 36	1 17	23 3	0 11	4 19	1 42	30 11	10 15	13 54	14 23	15 35		n.a.
M10	6 20	6 45	3 37	6 17	2 46	6 5	7 34	8 32	0 15	16 19	0 59	18 34	1 17	23 3	0 11	4 18	1 42	30 11	10 15	13 51	14 22	15 32		n.a.
T 11	5 57	1 12	2 48	6 45	2 52	6 21	7 24	8 49	0 16	16 15	0 59	18 33	1 17	23 3	0 11	4 17	1 42	30 11	10 16	13 49	14 21	15 30		n.a.
W12	5 34	4n26	1 50	7 10	2 57	6 37	7 13	9 6	0 16	16 11	1 0	18 31	1 17	23 3	0 11	4 16	1 42	30 11	10 16	13 47	14 20	15 27		n.a.
T 13	5 10	9 59	0 47	7 34	3 2	6 53	7 2	9 23	0 17	16 8	1 0	18 29	1 17	23 3	0 11	4 15	1 42	30 11	10 16	13 47	14 19	15 24		n.a.
F 14	4 47	15 13	0n19	7 56	3 6	7 8	6 50	9 39	0 18	16 4	1 0	18 27	1 17	23 3	0 11	4 15	1 42	30 11	10 16	13 46	14 18	15 21		n.a.
S 15	4 23	19 56	1 26	8 16	3 10	7 23	6 38	9 56	0 18	16 0	1 0	18 26	1 17	23 3	0 11	4 14	1 42	30 11	10 17	13 47	14 17	15 18		n.a.
S 16	4 0	23 50	2 29	8 33	3 13	7 37	6 26	10 12	0 19	15 56	1 0	18 24	1 18	23 3	0 11	4 13	1 42	30 10	10 17	13 47	14 15	15 16		n.a.
M17	3 36	26 37	3 27	8 48	3 16	7 50	6 14	10 29	0 20	15 53	1 0	18 22	1 18	23 3	0 11	4 12	1 42	30 10	10 17	13 47	14 14	15 13		n.a.
T 18	3 12	27 56	4 15	9 0	3 17	8 3	6 1	10 45	0 20	15 49	1 0	18 20	1 18	23 4	0 11	4 11	1 42	30 10	10 18	13 47	14 13	15 10		n.a.
W19	2 48	27 33	4 50	9 8	3 18	8 15	5 48	11 2	0 21	15 45	1 0	18 19	1 18	23 4	0 11	4 10	1 42	30 10	10 18	13 47	14 12	15 7		n.a.
T 20	2 25	25 21	5 8	9 14	3 18	8 26	5 36	11 18	0 22	15 41	1 1	18 17	1 18	23 4	0 11	4 9	1 42	30 10	10 18	13 45	14 11	15 4		n.a.
F 21	2 1	21 25	5 6	9 15	3 16	8 37	5 23	11 34	0 23	15 38	1 1	18 15	1 18	23 4	0 11	4 8	1 42	30 10	10 19	13 43	14 10	15 2		n.a.
S 22	1 37	16 2	4 43	9 13	3 14	8 47	5 11	11 50	0 23	15 34	1 1	18 14	1 19	23 4	0 11	4 7	1 42	30 10	10 19	13 41	14 9	14 59		n.a.
S 23	1 13	9 38	4 1	9 6	3 10	8 56	4 58	12 6	0 24	15 30	1 1	18 12	1 19	23 4	0 11	4 7	1 42	30 10	10 19	13 39	14 8	14 56		n.a.
M24	0 49	2 41	3 1	8 54	3 4	9 4	4 45	12 22	0 24	15 27	1 1	18 10	1 19	23 4	0 11	4 6	1 42	30 10	10 20	13 38	14 7	14 53		n.a.
T 25	0 24	4s21	1 50	8 37	2 57	9 12	4 33	12 38	0 25	15 23	1 1	18 9	1 19	23 4	0 11	4 5	1 42	30 10	10 20	13 37	14 6	14 50		n.a.
W26	0 0	11 0	0 33	8 15	2 48	9 18	4 20	12 54	0 26	15 19	1 2	18 7	1 19	23 5	0 11	4 4	1 42	30 10	10 20	13 36	14 5	14 47		n.a.
T 27	0s24	16 55	0s44	7 48	2 38	9 24	4 8	13 10	0 26	15 16	1 2	18 6	1 19	23 5	0 11	4 3	1 42	30 11	10 21	13 36	14 4	14 45		n.a.
F 28	0 48	21 45	1 57	7 16	2 25	9 29	3 56	13 26	0 27	15 12	1 2	18 4	1 20	23 5	0 11	4 2	1 42	30 11	10 21	13 36	14 3	14 42		n.a.
S 29	1 12	25 19	3 0	6 39	2 11	9 34	3 44	13 41	0 28	15 8	1 2	18 2	1 20	23 5	0 11	4 1	1 42	30 11	10 21	13 37	14 2	14 39		n.a.
S 30	1s36	27s26	3s53	5s57	1s55	9n37	3s32	13s57	0s28	15n 5	1n 2	18n 1	1n20	23s 5	0s11	4n 0	1n42	30n11	10n22	13n37	14n 1	14s36		n.a.

Julian Day Number = 1712169.5, Delta T = 03h00m11s
Ecliptic obliquity = 23°42'00, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°24'44, Lahiri = - 4°17'43 Julian Calendar 1 Sept. 26 BCE == Greg. Calendar 30 Aug. 026 BCE

The year -25 astronomical counting style corresponds to year 026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 26 BCE
geocentric

OCTOBER 26 BCE (-25) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 27 3	4♎59'11	6♉23	9°R17	26♌34	6♏14	22♌52	14♌19	15♐31	23♍57	1♌16	5°R53	7♉ 0	3♓39	n.a.	M 1
T 2	0 31 0	5°59'17	18°38	8♎ 1	27° 0	6°58	23° 3	14°25	15°33	23°59	1°17	5♉52	6°56	3°46	n.a.	T 2
W 3	0 34 57	6°59'26	0♒42	6°43	27°29	7°42	23°14	14°30	15°35	24° 1	1°18	5°50	6°53	3°52	n.a.	W 3
T 4	0 38 53	7°59'36	12°37	5°27	27°58	8°27	23°25	14°36	15°37	24° 3	1°19	5°46	6°50	3°59	n.a.	T 4
F 5	0 42 50	8°59'48	24°29	4°14	28°30	9°11	23°36	14°41	15°38	24° 5	1°20	5°42	6°47	4° 6	n.a.	F 5
S 6	0 46 46	10° 0'02	6♓21	3° 6	29° 2	9°55	23°47	14°46	15°40	24° 8	1°21	5°37	6°44	4°12	n.a.	S 6
S 7	0 50 43	11° 0'17	18°14	2° 7	29°37	10°40	23°58	14°52	15°42	24°10	1°21	5°33	6°41	4°19	n.a.	S 7
M 8	0 54 39	12° 0'34	0♈13	1°17	0♍12	11°24	24° 9	14°57	15°44	24°12	1°22	5°29	6°37	4°26	n.a.	M 8
T 9	0 58 36	13° 0'52	12°18	0°37	0°49	12° 8	24°19	15° 2	15°46	24°14	1°23	5°26	6°34	4°33	n.a.	T 9
W10	1 2 32	14° 1'13	24°31	0° 9	1°28	12°53	24°30	15° 7	15°48	24°16	1°24	5°25	6°31	4°39	n.a.	W10
T 11	1 6 29	15° 1'35	6♉53	29♍53	2° 7	13°38	24°40	15°12	15°51	24°18	1°25	5°D24	6°28	4°46	n.a.	T 11
F 12	1 10 26	16° 2'00	19°26	29°D48	2°48	14°22	24°50	15°17	15°53	24°20	1°25	5°25	6°25	4°53	n.a.	F 12
S 13	1 14 22	17° 2'26	2♊11	29°55	3°30	15° 7	25° 1	15°22	15°55	24°23	1°26	5°26	6°21	4°59	n.a.	S 13
S 14	1 18 19	18° 2'54	15°10	0♎12	4°13	15°52	25°11	15°27	15°57	24°25	1°27	5°28	6°18	5° 6	n.a.	S 14
M15	1 22 15	19° 3'24	28°25	0°39	4°57	16°37	25°21	15°31	16° 0	24°27	1°28	5°29	6°15	5°13	n.a.	M15
T 16	1 26 12	20° 3'56	11♋56	1°15	5°42	17°22	25°31	15°36	16° 2	24°29	1°28	5°30	6°12	5°19	n.a.	T 16
W17	1 30 8	21° 4'31	25°47	1°58	6°29	18° 7	25°41	15°40	16° 4	24°31	1°29	5°R30	6° 9	5°26	n.a.	W17
T 18	1 34 5	22° 5'07	9♌55	2°49	7°16	18°52	25°50	15°45	16° 7	24°33	1°29	5°29	6° 6	5°33	n.a.	T 18
F 19	1 38 1	23° 5'45	24°20	3°47	8° 4	19°37	26° 0	15°49	16° 9	24°35	1°30	5°28	6° 2	5°40	n.a.	F 19
S 20	1 41 58	24° 6'24	8♍58	4°49	8°53	20°22	26°10	15°53	16°12	24°37	1°30	5°27	5°59	5°46	n.a.	S 20
S 21	1 45 55	25° 7'06	23°44	5°57	9°42	21° 7	26°19	15°58	16°14	24°39	1°31	5°25	5°56	5°53	n.a.	S 21
M22	1 49 51	26° 7'49	8♎31	7° 8	10°33	21°52	26°28	16° 2	16°17	24°41	1°31	5°24	5°53	6° 0	n.a.	M22
T 23	1 53 48	27° 8'33	23°12	8°23	11°25	22°38	26°38	16° 6	16°19	24°43	1°32	5°24	5°50	6° 6	n.a.	T 23
W24	1 57 44	28° 9'20	7♏40	9°41	12°17	23°23	26°47	16°10	16°22	24°45	1°32	5°D23	5°46	6°13	n.a.	W24
T 25	2 1 41	29°10'07	21°48	11° 2	13°10	24° 9	26°56	16°13	16°25	24°47	1°33	5°24	5°43	6°20	n.a.	T 25
F 26	2 5 37	0♏10'56	5♐35	12°25	14° 3	24°54	27° 5	16°17	16°27	24°49	1°33	5°24	5°40	6°27	n.a.	F 26
S 27	2 9 34	1°11'46	18°57	13°49	14°57	25°40	27°13	16°21	16°30	24°51	1°33	5°25	5°37	6°33	n.a.	S 27
S 28	2 13 30	2°12'38	1♉55	15°15	15°52	26°25	27°22	16°24	16°33	24°53	1°34	5°25	5°34	6°40	n.a.	S 28
M29	2 17 27	3°13'30	14°32	16°43	16°48	27°11	27°31	16°28	16°36	24°54	1°34	5°25	5°31	6°47	n.a.	M29
T 30	2 21 24	4°14'24	26°50	18°11	17°44	27°57	27°39	16°31	16°39	24°56	1°34	5°25	5°27	6°53	n.a.	T 30
W31	2 25 20	5♏15'18	8♒55	19♎40	18♍41	28♏42	27♌47	16♌34	16♐41	24♍58	1♌34	5♉25	5♉24	7♓ 0	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	2s 0	28s 5	4s33	5s12	1s37	9n40	3s20	14s12	0s29	15n 1	1n 2	17n59	1n20	23s 6	0s11	3n59	1n42	30n11	10n22	13n38	14n 0	14s33			n.a.
T 2	2 24	27 19	4 59	4 24	1 18	9 42	3 8	14 27	0 30	14 58	1 3	17 58	1 20	23 6	0 11	3 59	1 42	30 11	10 22	13 37	13 59	14 30			n.a.
W 3	2 48	25 17	5 12	3 35	0 58	9 43	2 57	14 42	0 30	14 54	1 3	17 56	1 20	23 6	0 11	3 58	1 42	30 11	10 23	13 37	13 58	14 28			n.a.
T 4	3 12	22 10	5 11	2 45	0 37	9 43	2 46	14 57	0 31	14 51	1 3	17 55	1 21	23 6	0 11	3 57	1 42	30 11	10 23	13 35	13 57	14 25			n.a.
F 5	3 36	18 9	4 56	1 57	0 16	9 43	2 35	15 12	0 31	14 47	1 3	17 54	1 21	23 6	0 11	3 56	1 42	30 11	10 23	13 34	13 56	14 22			n.a.
S 6	4 0	13 27	4 29	1 11	0n 4	9 41	2 24	15 27	0 32	14 44	1 3	17 52	1 21	23 7	0 11	3 55	1 42	30 11	10 24	13 32	13 55	14 19			n.a.
S 7	4 24	8 14	3 51	0 29	0 24	9 39	2 13	15 42	0 33	14 40	1 3	17 51	1 21	23 7	0 11	3 54	1 42	30 11	10 24	13 31	13 53	14 16			n.a.
M 8	4 48	2 41	3 2	0n 8	0 42	9 37	2 3	15 57	0 33	14 37	1 4	17 49	1 21	23 7	0 11	3 53	1 42	30 12	10 24	13 30	13 52	14 13			n.a.
T 9	5 12	3n 1	2 4	0 39	0 59	9 33	1 52	16 11	0 34	14 34	1 4	17 48	1 22	23 7	0 11	3 53	1 42	30 12	10 25	13 29	13 51	14 10			n.a.
W10	5 35	8 41	1 0	1 5	1 15	9 29	1 42	16 25	0 34	14 30	1 4	17 47	1 22	23 7	0 11	3 52	1 42	30 12	10 25	13 28	13 50	14 7			n.a.
T 11	5 59	14 5	0n 8	1 24	1 28	9 24	1 32	16 39	0 35	14 27	1 4	17 45	1 22	23 8	0 11	3 51	1 42	30 12	10 25	13 28	13 49	14 5			n.a.
F 12	6 22	19 0	1 17	1 36	1 40	9 18	1 23	16 53	0 36	14 24	1 4	17 44	1 22	23 8	0 11	3 50	1 42	30 12	10 26	13 28	13 48	14 2			n.a.
S 13	6 46	23 9	2 23	1 43	1 50	9 12	1 13	17 7	0 36	14 20	1 5	17 43	1 22	23 8	0 11	3 49	1 42	30 12	10 26	13 29	13 47	13 59			n.a.
S 14	7 9	26 13	3 22	1 44	1 59	9 4	1 4	17 21	0 37	14 17	1 5	17 42	1 23	23 8	0 11	3 49	1 43	30 13	10 27	13 29	13 46	13 56			n.a.
M15	7 32	27 54	4 13	1 39	2 6	8 57	0 55	17 35	0 37	14 14	1 5	17 40	1 23	23 9	0 11	3 48	1 43	30 13	10 27	13 30	13 45	13 53			n.a.
T 16	7 56	27 58	4 50	1 30	2 11	8 48	0 46	17 48	0 38	14 11	1 5	17 39	1 23	23 9	0 11	3 47	1 43	30 13	10 27	13 30	13 44	13 50			n.a.
W17	8 19	26 19	5 12	1 16	2 15	8 39	0 38	18 2	0 38	14 7	1 5	17 38	1 23	23 9	0 11	3 46	1 43	30 13	10 28	13 30	13 43	13 47			n.a.
T 18	8 42	23 1	5 15	0 57	2 17	8 29	0 29	18 15	0 39	14 4	1 6	17 37	1 23	23 9	0 11	3 45	1 43	30 14	10 28	13 30	13 42	13 44			n.a.
F 19	9 4	18 15	4 59	0 36	2 18	8 19	0 21	18 28	0 40	14 1	1 6	17 36	1 24	23 10	0 11	3 45	1 43	30 14	10 28	13 29	13 41	13 41			n.a.
S 20	9 27	12 22	4 24	0 11	2 19	8 8	0 13	18 41	0 40	13 58	1 6	17 35	1 24	23 10	0 11	3 44	1 43	30 14	10 29	13 29	13 40	13 38			n.a.
S 21	9 49	5 44	3 31	0s17	2 18	7 56	0 5	18 53	0 41	13 55	1 6	17 34	1 24	23 10	0 11	3 43	1 43	30 14	10 29	13 28	13 39	13 35			n.a.
M22	10 12	1s13	2 24	0 47	2 16	7 44	0n 2	19 6	0 41	13 52	1 6	17 33	1 24	23 10	0 11	3 42	1 43	30 14	10 30	13 28	13 38	13 32			n.a.
T 23	10 34	8 4	1 7	1 19	2 14	7 31	0 10	19 18	0 42	13 49	1 7	17 32	1 24	23 11	0 11	3 41	1 43	30 15	10 30	13 28	13 36	13 29			n.a.
W24	10 56	14 25	0s13	1 53	2 11	7 17	0 17	19 30	0 42	13 46	1 7	17 31	1 25	23 11	0 11	3 41	1 43	30 15	10 30	13 28	13 35	13 27			n.a.
T 25	11 18	19 52	1 30	2 28	2 7	7 3	0 24	19 42	0 43	13 43	1 7	17 30	1 25	23 11	0 11	3 40	1 43	30 15	10 31	13 28	13 34	13 24			n.a.
F 26	11 40	24 5	2 40	3 4	2 3	6 49	0 31	19 54	0 43	13 40	1 7	17 29	1 25	23 11	0 11	3 39	1 43	30 16	10 31	13 28	13 33	13 21			n.a.
S 27	12 1	26 52	3 39	3 41	1 59	6 33	0 37	20 6	0 44	13 37	1 7	17 28	1 25	23 12	0 11	3 38	1 43	30 16	10 31	13 28	13 32	13 18			n.a.
S 28	12 22	28 6	4 25	4 20	1 54	6 18	0 44	20 17	0 44	13 35	1 8	17 27	1 25	23 12	0 11	3 38	1 43	30 16	10 32	13 28	13 31	13 15			n.a.
M29	12 43	27 49	4 57	4 58	1 48	6 2	0 50	20 28	0 45	13 32	1 8	17 26	1 26	23 12	0 11	3 37	1 43	30 17	10 32	13 28	13 30	13 12			n.a.
T 30	13 4	26 9	5 14	5 37	1 43	5 45	0 56	20 39	0 45	13 29	1 8	17 25	1 26	23 13	0 11	3 36	1 43	30 17	10 33	13 28	13 29	13 9			n.a.
W31	13s25	23s18	5s17	6s17	1n37	5n28	1n 2	20s50	0s46	13n26	1n 8	17n24	1n26	23s13	0s11	3n36	1n43	30n17	10n33	13n28	13n28	13s 6			n.a.

Julian Day Number = 1712199.5, Delta T = 03h00m10s
Ecliptic obliquity = 23°42'01, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°24'40, Lahiri = - 4°17'39 Julian Calendar 1 Oct. 26 BCE == Greg. Calendar 29 Sept. 026 BCE

The year -25 astronomical counting style corresponds to year 026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 26 BCE
geocentric

NOVEMBER 26 BCE (-25) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 29 17	6♏16'13	20♒51	21♎10	19♍38	29♏28	27♌55	16♌38	16♐44	25♍ 0	1♌34	5♉25	5♉21	7♓ 7	n.a.	T 1
F 2	2 33 13	7°17'09	2♓43	22°41	20°36	0♐14	28° 4	16°41	16°47	25° 2	1°35	5°26	5°18	7°13	n.a.	F 2
S 3	2 37 10	8°18'06	14°34	24°12	21°34	1° 0	28°11	16°44	16°50	25° 3	1°35	5°26	5°15	7°20	n.a.	S 3
S 4	2 41 6	9°19'04	26°30	25°44	22°33	1°46	28°19	16°46	16°53	25° 5	1°35	5°26	5°12	7°27	n.a.	S 4
M 5	2 45 3	10°20'03	8♈33	27°15	23°33	2°32	28°27	16°49	16°56	25° 7	1°35	5°27	5° 8	7°34	n.a.	M 5
T 6	2 48 59	11°21'03	20°47	28°48	24°32	3°18	28°34	16°52	16°59	25° 9	1°R35	5°27	5° 5	7°40	n.a.	T 6
W 7	2 52 56	12°22'04	3♉13	0♏20	25°33	4° 4	28°42	16°54	17° 2	25°10	1°35	5°R27	5° 2	7°47	n.a.	W 7
T 8	2 56 53	13°23'05	15°53	1°53	26°34	4°50	28°49	16°57	17° 6	25°12	1°35	5°27	4°59	7°54	n.a.	T 8
F 9	3 0 49	14°24'08	28°48	3°25	27°35	5°36	28°56	16°59	17° 9	25°14	1°35	5°27	4°56	8° 0	n.a.	F 9
S 10	3 4 46	15°25'12	11♊56	4°58	28°36	6°22	29° 3	17° 2	17°12	25°15	1°34	5°26	4°52	8° 7	n.a.	S 10
S 11	3 8 42	16°26'16	25°18	6°31	29°38	7° 8	29°10	17° 4	17°15	25°17	1°34	5°24	4°49	8°14	n.a.	S 11
M12	3 12 39	17°27'22	8♋52	8° 4	0♎41	7°55	29°16	17° 6	17°18	25°18	1°34	5°23	4°46	8°20	n.a.	M12
T 13	3 16 35	18°28'29	22°37	9°37	1°44	8°41	29°23	17° 8	17°21	25°20	1°34	5°21	4°43	8°27	n.a.	T 13
W14	3 20 32	19°29'37	6♌33	11°11	2°47	9°27	29°29	17°10	17°25	25°21	1°34	5°20	4°40	8°34	n.a.	W14
T 15	3 24 28	20°30'45	20°37	12°44	3°50	10°14	29°35	17°11	17°28	25°23	1°33	5°D20	4°37	8°41	n.a.	T 15
F 16	3 28 25	21°31'55	4♍48	14°17	4°54	11° 0	29°42	17°13	17°31	25°24	1°33	5°20	4°33	8°47	n.a.	F 16
S 17	3 32 22	22°33'06	19° 4	15°51	5°58	11°47	29°47	17°14	17°35	25°26	1°33	5°21	4°30	8°54	n.a.	S 17
S 18	3 36 18	23°34'17	3♎22	17°25	7° 3	12°33	29°53	17°16	17°38	25°27	1°33	5°22	4°27	9° 1	n.a.	S 18
M19	3 40 15	24°35'30	17°40	18°58	8° 8	13°20	29°59	17°17	17°41	25°28	1°32	5°24	4°24	9° 7	n.a.	M19
T 20	3 44 11	25°36'43	1♏53	20°32	9°13	14° 6	0♍ 4	17°18	17°45	25°30	1°32	5°R24	4°21	9°14	n.a.	T 20
W21	3 48 8	26°37'57	15°57	22° 6	10°18	14°53	0° 9	17°19	17°48	25°31	1°31	5°24	4°18	9°21	n.a.	W21
T 22	3 52 4	27°39'11	29°49	23°40	11°24	15°40	0°15	17°20	17°51	25°32	1°31	5°23	4°14	9°27	n.a.	T 22
F 23	3 56 1	28°40'26	13♐25	25°15	12°30	16°26	0°20	17°21	17°55	25°34	1°30	5°20	4°11	9°34	n.a.	F 23
S 24	3 59 57	29°41'41	26°42	26°49	13°36	17°13	0°24	17°22	17°58	25°35	1°30	5°16	4° 8	9°41	n.a.	S 24
S 25	4 3 54	0♐42'56	9♑39	28°24	14°43	18° 0	0°29	17°23	18° 2	25°36	1°29	5°12	4° 5	9°48	n.a.	S 25
M26	4 7 51	1°44'12	22°18	29°59	15°49	18°47	0°33	17°23	18° 5	25°37	1°29	5° 8	4° 2	9°54	n.a.	M26
T 27	4 11 47	2°45'27	4♒39	1♐34	16°56	19°34	0°38	17°24	18° 9	25°38	1°28	5° 4	3°58	10° 1	n.a.	T 27
W28	4 15 44	3°46'43	16°46	3°10	18° 3	20°20	0°42	17°24	18°12	25°39	1°27	5° 1	3°55	10° 8	n.a.	W28
T 29	4 19 40	4°47'58	28°42	4°45	19°11	21° 7	0°46	17°24	18°16	25°41	1°27	5° 0	3°52	10°14	n.a.	T 29
F 30	4 23 37	5♐49'13	10♓34	6♐21	20♎18	21♐54	0♍49	17°R24	18♐19	25♍42	1♌26	5°D 0	3♉49	10♓21	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s45	19s31	5s 6	6s57	1n31	5n10	1n 7	21s 1	0s46	13n24	1n 9	17n24	1n26	23s13	0s11	3n35	1n43	30n18	10n33	13n28	13n27	13s 3		n.a.
F 2	14 6	15 0	4 42	7 37	1 25	4 52	1 13	21 11	0 47	13 21	1 9	17 23	1 27	23 14	0 11	3 34	1 43	30 18	10 34	13 28	13 26	13 0		n.a.
S 3	14 26	9 55	4 6	8 17	1 18	4 34	1 18	21 21	0 47	13 19	1 9	17 22	1 27	23 14	0 11	3 34	1 43	30 18	10 34	13 28	13 25	12 57		n.a.
S 4	14 45	4 27	3 20	8 56	1 12	4 15	1 23	21 31	0 48	13 16	1 9	17 22	1 27	23 14	0 11	3 33	1 43	30 19	10 35	13 29	13 24	12 54		n.a.
M 5	15 5	1n14	2 24	9 36	1 5	3 56	1 28	21 41	0 48	13 14	1 10	17 21	1 27	23 14	0 11	3 32	1 43	30 19	10 35	13 29	13 23	12 51		n.a.
T 6	15 24	6 58	1 20	10 16	0 58	3 36	1 33	21 50	0 49	13 11	1 10	17 20	1 28	23 15	0 11	3 32	1 43	30 19	10 35	13 29	13 22	12 48		n.a.
W 7	15 43	12 32	0 12	10 55	0 51	3 16	1 37	22 0	0 49	13 9	1 10	17 20	1 28	23 15	0 11	3 31	1 43	30 20	10 36	13 29	13 20	12 45		n.a.
T 8	16 2	17 41	0n58	11 34	0 44	2 56	1 41	22 9	0 50	13 7	1 10	17 19	1 28	23 15	0 11	3 30	1 43	30 20	10 36	13 29	13 19	12 42		n.a.
F 9	16 20	22 9	2 6	12 12	0 38	2 35	1 46	22 18	0 50	13 4	1 11	17 19	1 28	23 16	0 11	3 30	1 44	30 20	10 36	13 29	13 18	12 39		n.a.
S 10	16 38	25 35	3 9	12 50	0 31	2 14	1 50	22 26	0 51	13 2	1 11	17 18	1 28	23 16	0 11	3 29	1 44	30 21	10 37	13 28	13 17	12 36		n.a.
S 11	16 56	27 39	4 2	13 28	0 24	1 52	1 53	22 35	0 51	13 0	1 11	17 18	1 29	23 16	0 11	3 29	1 44	30 21	10 37	13 28	13 16	12 33		n.a.
M12	17 14	28 6	4 43	14 5	0 17	1 31	1 57	22 43	0 51	12 58	1 11	17 17	1 29	23 17	0 11	3 28	1 44	30 22	10 38	13 27	13 15	12 30		n.a.
T 13	17 31	26 51	5 8	14 42	0 10	1 9	2 0	22 51	0 52	12 56	1 12	17 17	1 29	23 17	0 11	3 28	1 44	30 22	10 38	13 27	13 14	12 27		n.a.
W14	17 48	23 56	5 16	15 18	0 3	0 46	2 4	22 58	0 52	12 54	1 12	17 17	1 29	23 17	0 11	3 27	1 44	30 22	10 38	13 27	13 13	12 24		n.a.
T 15	18 4	19 35	5 5	15 53	0s 4	0 24	2 7	23 6	0 53	12 52	1 12	17 16	1 30	23 18	0 11	3 26	1 44	30 23	10 39	13 26	13 12	12 21		n.a.
F 16	18 21	14 7	4 35	16 28	0 10	0 1	2 10	23 13	0 53	12 50	1 12	17 16	1 30	23 18	0 11	3 26	1 44	30 23	10 39	13 27	13 11	12 18		n.a.
S 17	18 37	7 52	3 49	17 2	0 17	0s22	2 13	23 20	0 53	12 48	1 13	17 16	1 30	23 18	0 11	3 25	1 44	30 24	10 39	13 27	13 10	12 15		n.a.
S 18	18 52	1 12	2 48	17 35	0 23	0 46	2 15	23 26	0 54	12 46	1 13	17 16	1 30	23 18	0 11	3 25	1 44	30 24	10 40	13 27	13 9	12 12		n.a.
M19	19 7	5s31	1 36	18 8	0 30	1 9	2 18	23 33	0 54	12 45	1 13	17 16	1 31	23 19	0 11	3 24	1 44	30 25	10 40	13 28	13 8	12 9		n.a.
T 20	19 22	11 57	0 19	18 39	0 36	1 33	2 20	23 39	0 55	12 43	1 14	17 15	1 31	23 19	0 11	3 24	1 44	30 25	10 41	13 28	13 6	12 6		n.a.
W21	19 37	17 43	0s58	19 10	0 42	1 57	2 22	23 45	0 55	12 41	1 14	17 15	1 31	23 19	0 11	3 23	1 44	30 26	10 41	13 28	13 5	12 3		n.a.
T 22	19 51	22 27	2 10	19 40	0 48	2 21	2 24	23 50	0 55	12 40	1 14	17 15	1 31	23 20	0 11	3 23	1 44	30 26	10 41	13 27	13 4	12 0		n.a.
F 23	20 5	25 52	3 14	20 10	0 54	2 45	2 26	23 55	0 56	12 38	1 14	17 15	1 32	23 20	0 11	3 22	1 44	30 27	10 42	13 26	13 3	11 57		n.a.
S 24	20 18	27 45	4 6	20 38	1 0	3 9	2 28	24 1	0 56	12 37	1 15	17 15	1 32	23 20	0 11	3 22	1 44	30 27	10 42	13 25	13 2	11 54		n.a.
S 25	20 31	28 3	4 43	21 5	1 6	3 34	2 30	24 5	0 56	12 35	1 15	17 15	1 32	23 21	0 11	3 22	1 44	30 27	10 42	13 24	13 1	11 51		n.a.
M26	20 44	26 51	5 6	21 32	1 11	3 58	2 31	24 10	0 57	12 34	1 15	17 15	1 32	23 21	0 11	3 21	1 44	30 28	10 43	13 22	13 0	11 48		n.a.
T 27	20 56	24 22	5 13	21 57	1 16	4 23	2 32	24 14	0 57	12 33	1 16	17 15	1 33	23 21	0 11	3 21	1 45	30 28	10 43	13 21	12 59	11 45		n.a.
W28	21 8	20 51	5 7	22 21	1 21	4 48	2 33	24 18	0 57	12 32	1 16	17 16	1 33	23 22	0 12	3 20	1 45	30 29	10 43	13 20	12 58	11 41		n.a.
T 29	21 20	16 31	4 47	22 44	1 26	5 12	2 34	24 22	0 58	12 30	1 16	17 16	1 33	23 22	0 12	3 20	1 45	30 29	10 44	13 20	12 57	11 38		n.a.
F 30	21s31	11s37	4s15	23s 6	1s31	5s37	2n35	24s25	0s58	12n29	1n16	17n16	1n33	23s22	0s12	3n20	1n45	30n30	10n44	13n20	12n56	11s35		n.a.

Julian Day Number = 1712230.5, Delta T = 03h00m09s
Ecliptic obliquity = 23°42'00, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°24'36, Lahiri = - 4°17'35 Julian Calendar 1 Nov. 26 BCE == Greg. Calendar 30 Oct. 026 BCE

The year -25 astronomical counting style corresponds to year 026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 26 BCE
geocentric

DECEMBER 26 BCE (-25) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 27 33	6♐50'28	22♓25	7♐58	21♎26	22♐41	0♍53	17°R24	18♐23	25♍43	1°R25	5♉ 1	3♉46	10♓28	n.a.	S 1
S 2	4 31 30	7°51'43	4♈20	9°34	22°34	23°28	0°56	17♏24	18°26	25°44	1♏25	5° 2	3°43	10°34	n.a.	S 2
M 3	4 35 27	8°52'57	16°26	11°11	23°42	24°15	0°59	17°24	18°30	25°45	1°24	5° 4	3°39	10°41	n.a.	M 3
T 4	4 39 23	9°54'11	28°44	12°48	24°50	25° 2	1° 2	17°23	18°33	25°45	1°23	5°R 6	3°36	10°48	n.a.	T 4
W 5	4 43 20	10°55'25	11♉20	14°26	25°59	25°49	1° 5	17°23	18°37	25°46	1°22	5° 6	3°33	10°55	n.a.	W 5
T 6	4 47 16	11°56'39	24°15	16° 4	27° 7	26°36	1° 8	17°22	18°41	25°47	1°21	5° 4	3°30	11° 1	n.a.	T 6
F 7	4 51 13	12°57'53	7♊30	17°42	28°16	27°23	1°10	17°22	18°44	25°48	1°20	5° 0	3°27	11° 8	n.a.	F 7
S 8	4 55 9	13°59'06	21° 4	19°20	29°25	28°11	1°13	17°21	18°48	25°49	1°20	4°55	3°24	11°15	n.a.	S 8
S 9	4 59 6	15° 0'20	4♋54	20°59	0♏34	28°58	1°15	17°20	18°51	25°50	1°19	4°48	3°20	11°21	n.a.	S 9
M10	5 3 2	16° 1'33	18°58	22°38	1°44	29°45	1°17	17°19	18°55	25°50	1°18	4°41	3°17	11°28	n.a.	M10
T 11	5 6 59	17° 2'46	3♌ 9	24°18	2°53	0♑32	1°18	17°18	18°58	25°51	1°17	4°35	3°14	11°35	n.a.	T 11
W12	5 10 56	18° 3'59	17°24	25°57	4° 3	1°19	1°20	17°17	19° 2	25°52	1°16	4°30	3°11	11°41	n.a.	W12
T 13	5 14 52	19° 5'12	1♍38	27°37	5°12	2° 7	1°21	17°15	19° 6	25°52	1°15	4°26	3° 8	11°48	n.a.	T 13
F 14	5 18 49	20° 6'24	15°49	29°17	6°22	2°54	1°23	17°14	19° 9	25°53	1°14	4°D25	3° 4	11°55	n.a.	F 14
S 15	5 22 45	21° 7'37	29°55	0♑58	7°32	3°41	1°24	17°12	19°13	25°53	1°13	4°25	3° 1	12° 1	n.a.	S 15
S 16	5 26 42	22° 8'49	13♎55	2°38	8°42	4°28	1°24	17°11	19°16	25°54	1°12	4°26	2°58	12° 8	n.a.	S 16
M17	5 30 38	23°10'01	27°48	4°18	9°53	5°16	1°25	17° 9	19°20	25°54	1°11	4°R27	2°55	12°15	n.a.	M17
T 18	5 34 35	24°11'12	11♏33	5°59	11° 3	6° 3	1°25	17° 7	19°23	25°55	1° 9	4°27	2°52	12°22	n.a.	T 18
W19	5 38 31	25°12'24	25° 9	7°39	12°13	6°50	1°26	17° 5	19°27	25°55	1° 8	4°25	2°49	12°28	n.a.	W19
T 20	5 42 28	26°13'35	8♐35	9°18	13°24	7°38	1°R26	17° 3	19°31	25°56	1° 7	4°20	2°45	12°35	n.a.	T 20
F 21	5 46 25	27°14'45	21°50	10°57	14°35	8°25	1°25	17° 1	19°34	25°56	1° 6	4°13	2°42	12°42	n.a.	F 21
S 22	5 50 21	28°15'55	4♑52	12°35	15°45	9°12	1°25	16°59	19°38	25°56	1° 5	4° 4	2°39	12°48	n.a.	S 22
S 23	5 54 18	29°17'03	17°39	14°12	16°56	10° 0	1°24	16°56	19°41	25°57	1° 4	3°54	2°36	12°55	n.a.	S 23
M24	5 58 14	0♑18'11	0♒11	15°48	18° 7	10°47	1°24	16°54	19°45	25°57	1° 2	3°43	2°33	13° 2	n.a.	M24
T 25	6 2 11	1°19'18	12°29	17°22	19°18	11°34	1°23	16°51	19°48	25°57	1° 1	3°32	2°30	13° 8	n.a.	T 25
W26	6 6 7	2°20'24	24°35	18°54	20°29	12°22	1°21	16°49	19°52	25°57	1° 0	3°24	2°26	13°15	n.a.	W26
T 27	6 10 4	3°21'29	6♓31	20°23	21°41	13° 9	1°20	16°46	19°55	25°57	0°59	3°18	2°23	13°22	n.a.	T 27
F 28	6 14 1	4°22'32	18°21	21°49	22°52	13°57	1°19	16°43	19°59	25°57	0°57	3°14	2°20	13°28	n.a.	F 28
S 29	6 17 57	5°23'34	0♈11	23°12	24° 3	14°44	1°17	16°40	20° 2	25°57	0°56	3°12	2°17	13°35	n.a.	S 29
S 30	6 21 54	6°24'35	12° 4	24°30	25°15	15°32	1°15	16°37	20° 6	25°R57	0°55	3°D12	2°14	13°42	n.a.	S 30
M31	6 25 50	7♑25'35	24♈ 7	25♑43	26♏26	16♑19	1♍13	16♌34	20♐ 9	25♍57	0♌53	3♉13	2♉10	13♓49	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s41	6s17	3s32	23s27	1s35	6s 2	2n36	24s28	0s58	12n28	1n17	17n16	1n34	23s23	0s12	3n19	1n45	30n30	10n44	13n20	12n54	11s32		n.a.
S 2	21 52	0 42	2 40	23 46	1 40	6 27	2 37	24 31	0 59	12 27	1 17	17 16	1 34	23 23	0 12	3 19	1 45	30 31	10 45	13 21	12 53	11 29		n.a.
M 3	22 1	4n59	1 40	24 4	1 44	6 52	2 37	24 33	0 59	12 27	1 17	17 17	1 34	23 23	0 12	3 19	1 45	30 31	10 45	13 21	12 52	11 26		n.a.
T 4	22 11	10 36	0 35	24 21	1 47	7 17	2 37	24 36	0 59	12 26	1 18	17 17	1 34	23 24	0 12	3 18	1 45	30 32	10 45	13 22	12 51	11 23		n.a.
W 5	22 20	15 56	0n34	24 37	1 51	7 42	2 38	24 38	1 0	12 25	1 18	17 18	1 35	23 24	0 12	3 18	1 45	30 32	10 46	13 22	12 50	11 20		n.a.
T 6	22 28	20 42	1 42	24 51	1 54	8 6	2 38	24 39	1 0	12 24	1 18	17 18	1 35	23 24	0 12	3 18	1 45	30 33	10 46	13 21	12 49	11 17		n.a.
F 7	22 36	24 33	2 47	25 3	1 57	8 31	2 38	24 41	1 0	12 24	1 18	17 18	1 35	23 25	0 12	3 18	1 45	30 34	10 46	13 20	12 48	11 14		n.a.
S 8	22 44	27 7	3 44	25 15	1 59	8 56	2 38	24 42	1 0	12 23	1 19	17 19	1 35	23 25	0 12	3 17	1 45	30 34	10 47	13 18	12 47	11 11		n.a.
S 9	22 51	28 4	4 28	25 24	2 1	9 21	2 37	24 42	1 1	12 23	1 19	17 19	1 35	23 25	0 12	3 17	1 45	30 35	10 47	13 16	12 46	11 8		n.a.
M10	22 57	27 15	4 57	25 32	2 3	9 45	2 37	24 43	1 1	12 22	1 19	17 20	1 36	23 25	0 12	3 17	1 45	30 35	10 47	13 13	12 45	11 4		n.a.
T 11	23 4	24 40	5 9	25 39	2 4	10 10	2 36	24 43	1 1	12 22	1 20	17 20	1 36	23 26	0 12	3 17	1 45	30 36	10 48	13 11	12 44	11 1		n.a.
W12	23 9	20 34	5 1	25 43	2 5	10 34	2 36	24 43	1 1	12 22	1 20	17 21	1 36	23 26	0 12	3 16	1 45	30 36	10 48	13 9	12 42	10 58		n.a.
T 13	23 15	15 17	4 35	25 46	2 6	10 58	2 35	24 43	1 2	12 21	1 20	17 22	1 36	23 26	0 12	3 16	1 46	30 37	10 48	13 8	12 41	10 55		n.a.
F 14	23 20	9 12	3 52	25 47	2 6	11 22	2 34	24 42	1 2	12 21	1 21	17 22	1 37	23 27	0 12	3 16	1 46	30 37	10 49	13 8	12 40	10 52		n.a.
S 15	23 24	2 42	2 55	25 47	2 5	11 46	2 33	24 41	1 2	12 21	1 21	17 23	1 37	23 27	0 12	3 16	1 46	30 38	10 49	13 8	12 39	10 49		n.a.
S 16	23 28	3s53	1 49	25 44	2 4	12 9	2 32	24 40	1 2	12 21	1 21	17 24	1 37	23 27	0 12	3 16	1 46	30 38	10 49	13 8	12 38	10 46		n.a.
M17	23 31	10 15	0 36	25 40	2 3	12 33	2 31	24 38	1 3	12 21	1 22	17 25	1 37	23 28	0 12	3 16	1 46	30 39	10 49	13 9	12 37	10 43		n.a.
T 18	23 34	16 4	0s38	25 34	2 0	12 56	2 30	24 36	1 3	12 21	1 22	17 25	1 38	23 28	0 12	3 15	1 46	30 39	10 50	13 9	12 36	10 40		n.a.
W19	23 37	21 1	1 49	25 26	1 58	13 19	2 28	24 34	1 3	12 22	1 22	17 26	1 38	23 28	0 12	3 15	1 46	30 40	10 50	13 8	12 35	10 37		n.a.
T 20	23 39	24 49	2 53	25 16	1 54	13 42	2 27	24 32	1 3	12 22	1 22	17 27	1 38	23 28	0 12	3 15	1 46	30 40	10 50	13 6	12 34	10 33		n.a.
F 21	23 40	27 12	3 46	25 4	1 50	14 4	2 25	24 29	1 3	12 22	1 23	17 28	1 38	23 29	0 12	3 15	1 46	30 41	10 51	13 4	12 33	10 30		n.a.
S 22	23 41	28 3	4 26	24 51	1 46	14 27	2 24	24 26	1 4	12 23	1 23	17 29	1 39	23 29	0 12	3 15	1 46	30 41	10 51	13 1	12 31	10 27		n.a.
S 23	23 42	27 21	4 53	24 35	1 40	14 49	2 22	24 23	1 4	12 23	1 23	17 30	1 39	23 29	0 12	3 15	1 46	30 42	10 51	12 57	12 30	10 24		n.a.
M24	23 42	25 16	5 4	24 18	1 34	15 10	2 20	24 19	1 4	12 24	1 24	17 31	1 39	23 30	0 12	3 15	1 46	30 43	10 51	12 53	12 29	10 21		n.a.
T 25	23 42	22 3	5 1	23 59	1 27	15 32	2 18	24 15	1 4	12 24	1 24	17 32	1 39	23 30	0 12	3 15	1 46	30 43	10 52	12 50	12 28	10 18		n.a.
W26	23 41	17 56	4 44	23 39	1 19	15 53	2 16	24 11	1 4	12 25	1 24	17 33	1 39	23 30	0 12	3 15	1 46	30 44	10 52	12 47	12 27	10 15		n.a.
T 27	23 39	13 10	4 15	23 17	1 10	16 13	2 14	24 6	1 4	12 26	1 25	17 34	1 40	23 30	0 12	3 15	1 46	30 44	10 52	12 45	12 26	10 11		n.a.
F 28	23 38	7 57	3 36	22 54	1 0	16 34	2 12	24 2	1 4	12 27	1 25	17 35	1 40	23 31	0 12	3 15	1 47	30 45	10 52	12 43	12 25	10 8		n.a.
S 29	23 35	2 28	2 47	22 29	0 49	16 53	2 10	23 57	1 5	12 28	1 25	17 36	1 40	23 31	0 12	3 15	1 47	30 45	10 52	12 43	12 24	10 5		n.a.
S 30	23 33	3n 8	1 50	22 4	0 37	17 13	2 8	23 51	1 5	12 29	1 25	17 37	1 40	23 31	0 12	3 15	1 47	30 46	10 53	12 43	12 23	10 2		n.a.
M31	23s29	8n42	0s48	21s38	0s25	17s32	2n 5	23s46	1s 5	12n30	1n26	17n38	1n40	23s32	0s12	3n15	1n47	30n46	10n53	12n43	12n22	9s59		n.a.

Julian Day Number = 1712260.5, Delta T = 03h00m08s
Ecliptic obliquity = 23°42'00, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°24'31, Lahiri = - 4°17'31 Julian Calendar 1 Dec. 26 BCE == Greg. Calendar 29 Nov. 026 BCE

The year -25 astronomical counting style corresponds to year 026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 25 BCE
geocentric

JANUARY 25 BCE (-24) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 29 47	8♑26'33	6♉26	26♑50	27♏38	17♑ 6	1°R11	16°R31	20♐13	25°R57	0°R52	3°R13	2♉ 7	13♓55	n.a.	T 1
W 2	6 33 43	9°27'30	19° 4	27°51	28°49	17°54	1♍ 8	16♌28	20°16	25♍57	0♌51	3♉12	2° 4	14° 2	n.a.	W 2
T 3	6 37 40	10°28'25	2♊ 5	28°44	0♐ 1	18°41	1° 5	16°24	20°20	25°57	0°49	3° 8	2° 1	14° 9	n.a.	T 3
F 4	6 41 36	11°29'19	15°32	29°29	1°13	19°29	1° 3	16°21	20°23	25°57	0°48	3° 2	1°58	14°15	n.a.	F 4
S 5	6 45 33	12°30'12	29°24	0♒ 5	2°24	20°16	1° 0	16°17	20°26	25°57	0°46	2°53	1°55	14°22	n.a.	S 5
S 6	6 49 30	13°31'04	13♋39	0°32	3°36	21° 4	0°56	16°14	20°30	25°57	0°45	2°43	1°51	14°29	n.a.	S 6
M 7	6 53 26	14°31'54	28°10	0°48	4°48	21°51	0°53	16°10	20°33	25°57	0°44	2°31	1°48	14°35	n.a.	M 7
T 8	6 57 23	15°32'43	12♌51	0°R53	6° 0	22°38	0°49	16° 7	20°37	25°56	0°42	2°20	1°45	14°42	n.a.	T 8
W 9	7 1 19	16°33'31	27°33	0°47	7°12	23°26	0°46	16° 3	20°40	25°56	0°41	2°11	1°42	14°49	n.a.	W 9
T 10	7 5 16	17°34'18	12♍10	0°31	8°24	24°13	0°42	15°59	20°43	25°56	0°39	2° 4	1°39	14°55	n.a.	T 10
F 11	7 9 12	18°35'03	26°35	0° 3	9°37	25° 1	0°38	15°55	20°46	25°55	0°38	2° 0	1°36	15° 2	n.a.	F 11
S 12	7 13 9	19°35'47	10♎47	29♑26	10°49	25°48	0°33	15°51	20°50	25°55	0°36	1°58	1°32	15° 9	n.a.	S 12
S 13	7 17 5	20°36'30	24°43	28°39	12° 1	26°35	0°29	15°47	20°53	25°54	0°35	1°58	1°29	15°16	n.a.	S 13
M14	7 21 2	21°37'12	8♏24	27°45	13°13	27°23	0°24	15°43	20°56	25°54	0°33	1°58	1°26	15°22	n.a.	M14
T 15	7 24 59	22°37'53	21°51	26°44	14°26	28°10	0°20	15°39	20°59	25°53	0°32	1°57	1°23	15°29	n.a.	T 15
W16	7 28 55	23°38'32	5♐ 6	25°39	15°38	28°58	0°15	15°35	21° 3	25°53	0°31	1°54	1°20	15°36	n.a.	W16
T 17	7 32 52	24°39'11	18° 9	24°30	16°50	29°45	0°10	15°30	21° 6	25°52	0°29	1°47	1°16	15°42	n.a.	T 17
F 18	7 36 48	25°39'47	1♑ 1	23°21	18° 3	0♒32	0° 4	15°26	21° 9	25°52	0°28	1°37	1°13	15°49	n.a.	F 18
S 19	7 40 45	26°40'23	13°43	22°13	19°15	1°20	29♌59	15°22	21°12	25°51	0°26	1°25	1°10	15°56	n.a.	S 19
S 20	7 44 41	27°40'56	26°14	21° 7	20°28	2° 7	29°54	15°17	21°15	25°51	0°25	1°11	1° 7	16° 2	n.a.	S 20
M21	7 48 38	28°41'28	8♒34	20° 5	21°40	2°54	29°48	15°13	21°18	25°50	0°23	0°56	1° 4	16° 9	n.a.	M21
T 22	7 52 35	29°41'58	20°44	19° 8	22°53	3°42	29°42	15° 8	21°21	25°49	0°22	0°42	1° 1	16°16	n.a.	T 22
W23	7 56 31	0♒42'27	2♓44	18°17	24° 6	4°29	29°36	15° 4	21°24	25°48	0°20	0°30	0°57	16°22	n.a.	W23
T 24	8 0 28	1°42'53	14°37	17°33	25°18	5°16	29°30	14°59	21°27	25°48	0°19	0°21	0°54	16°29	n.a.	T 24
F 25	8 4 24	2°43'17	26°26	16°56	26°31	6° 3	29°24	14°55	21°30	25°47	0°17	0°14	0°51	16°36	n.a.	F 25
S 26	8 8 21	3°43'40	8♈14	16°27	27°44	6°51	29°18	14°50	21°33	25°46	0°16	0°11	0°48	16°42	n.a.	S 26
S 27	8 12 17	4°44'00	20° 5	16° 5	28°56	7°38	29°11	14°45	21°36	25°45	0°14	0° 9	0°45	16°49	n.a.	S 27
M28	8 16 14	5°44'18	2♉ 6	15°50	0♑ 9	8°25	29° 5	14°41	21°38	25°44	0°13	0° 9	0°42	16°56	n.a.	M28
T 29	8 20 10	6°44'34	14°21	15°42	1°22	9°12	28°58	14°36	21°41	25°43	0°11	0° 9	0°38	17° 2	n.a.	T 29
W30	8 24 7	7°44'48	26°55	15°D41	2°34	9°59	28°51	14°31	21°44	25°42	0°10	0° 8	0°35	17° 9	n.a.	W30
T 31	8 28 3	8♒45'00	9♊55	15♑47	3♑47	10♒47	28♌44	14♌27	21♐47	25♍41	0♌ 8	0♉ 4	0♉32	17♓16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23 s26	14n 5	0n17	21 s12	0 s11	17 s51	2n 3	23 s40	1 s 5	12n31	1n26	17n39	1n41	23 s32	0 s12	3n15	1n47	30n47	10n53	12n43	12n20	9 s56		n.a.
W 2	23 22	19 1	1 23	20 46	0n 3	18 9	2 1	23 34	1 5	12 32	1 26	17 41	1 41	23 32	0 12	3 15	1 47	30 47	10 53	12 43	12 19	9 52		n.a.
T 3	23 17	23 12	2 27	20 20	0 19	18 27	1 58	23 27	1 5	12 33	1 27	17 42	1 41	23 32	0 12	3 15	1 47	30 48	10 53	12 42	12 18	9 49		n.a.
F 4	23 12	26 18	3 25	19 55	0 35	18 45	1 55	23 21	1 5	12 34	1 27	17 43	1 41	23 33	0 12	3 16	1 47	30 48	10 54	12 39	12 17	9 46		n.a.
S 5	23 6	27 54	4 12	19 31	0 52	19 2	1 53	23 14	1 5	12 36	1 27	17 44	1 41	23 33	0 12	3 16	1 47	30 49	10 54	12 36	12 16	9 43		n.a.
S 6	23 0	27 43	4 45	19 8	1 9	19 18	1 50	23 6	1 5	12 37	1 27	17 45	1 42	23 33	0 12	3 16	1 47	30 49	10 54	12 33	12 15	9 40		n.a.
M 7	22 54	25 39	5 0	18 48	1 26	19 34	1 47	22 59	1 5	12 39	1 28	17 47	1 42	23 33	0 12	3 16	1 47	30 50	10 54	12 29	12 14	9 37		n.a.
T 8	22 47	21 52	4 56	18 29	1 44	19 50	1 45	22 51	1 5	12 40	1 28	17 48	1 42	23 34	0 12	3 16	1 47	30 50	10 54	12 25	12 13	9 33		n.a.
W 9	22 40	16 43	4 33	18 13	2 2	20 5	1 42	22 43	1 5	12 42	1 28	17 49	1 42	23 34	0 12	3 16	1 47	30 51	10 55	12 22	12 12	9 30		n.a.
T 10	22 32	10 38	3 51	18 0	2 19	20 19	1 39	22 35	1 5	12 43	1 29	17 51	1 42	23 34	0 12	3 16	1 47	30 51	10 55	12 19	12 10	9 27		n.a.
F 11	22 24	4 3	2 56	17 50	2 35	20 33	1 36	22 26	1 6	12 45	1 29	17 52	1 43	23 34	0 12	3 17	1 47	30 52	10 55	12 18	12 9	9 24		n.a.
S 12	22 15	2 s38	1 50	17 42	2 51	20 47	1 33	22 17	1 6	12 47	1 29	17 53	1 43	23 35	0 12	3 17	1 47	30 52	10 55	12 17	12 8	9 21		n.a.
S 13	22 6	9 5	0 38	17 38	3 5	20 59	1 30	22 8	1 6	12 49	1 29	17 55	1 43	23 35	0 12	3 17	1 48	30 53	10 55	12 17	12 7	9 18		n.a.
M14	21 57	15 0	0 s34	17 37	3 17	21 12	1 27	21 59	1 6	12 51	1 30	17 56	1 43	23 35	0 12	3 17	1 48	30 53	10 55	12 17	12 6	9 14		n.a.
T 15	21 47	20 5	1 43	17 38	3 28	21 23	1 24	21 49	1 6	12 53	1 30	17 58	1 43	23 35	0 12	3 18	1 48	30 54	10 55	12 17	12 5	9 11		n.a.
W16	21 36	24 5	2 45	17 42	3 36	21 35	1 21	21 40	1 6	12 55	1 30	17 59	1 43	23 36	0 12	3 18	1 48	30 54	10 56	12 16	12 4	9 8		n.a.
T 17	21 26	26 47	3 38	17 48	3 43	21 45	1 18	21 30	1 6	12 57	1 30	18 0	1 44	23 36	0 12	3 18	1 48	30 55	10 56	12 13	12 3	9 5		n.a.
F 18	21 14	28 0	4 18	17 56	3 46	21 55	1 15	21 19	1 6	12 59	1 31	18 2	1 44	23 36	0 12	3 18	1 48	30 55	10 56	12 10	12 2	9 2		n.a.
S 19	21 3	27 43	4 45	18 6	3 48	22 4	1 11	21 9	1 6	13 1	1 31	18 3	1 44	23 36	0 12	3 19	1 48	30 55	10 56	12 6	12 0	8 58		n.a.
S 20	20 51	26 1	4 58	18 17	3 47	22 13	1 8	20 58	1 5	13 3	1 31	18 5	1 44	23 36	0 12	3 19	1 48	30 56	10 56	12 1	11 59	8 55		n.a.
M21	20 39	23 5	4 57	18 29	3 44	22 21	1 5	20 47	1 5	13 5	1 31	18 6	1 44	23 37	0 12	3 19	1 48	30 56	10 56	11 56	11 58	8 52		n.a.
T 22	20 26	19 11	4 42	18 42	3 39	22 29	1 2	20 36	1 5	13 8	1 32	18 8	1 44	23 37	0 12	3 20	1 48	30 57	10 56	11 51	11 57	8 49		n.a.
W23	20 13	14 33	4 14	18 55	3 33	22 35	0 59	20 24	1 5	13 10	1 32	18 9	1 44	23 37	0 12	3 20	1 48	30 57	10 56	11 46	11 56	8 46		n.a.
T 24	20 0	9 26	3 36	19 9	3 25	22 42	0 55	20 13	1 5	13 12	1 32	18 11	1 45	23 37	0 12	3 20	1 48	30 58	10 56	11 43	11 55	8 42		n.a.
F 25	19 46	4 0	2 48	19 23	3 16	22 47	0 52	20 1	1 5	13 15	1 32	18 12	1 45	23 38	0 12	3 21	1 48	30 58	10 56	11 41	11 54	8 39		n.a.
S 26	19 32	1n34	1 53	19 37	3 5	22 52	0 49	19 49	1 5	13 17	1 32	18 14	1 45	23 38	0 12	3 21	1 48	30 58	10 56	11 39	11 53	8 36		n.a.
S 27	19 17	7 7	0 53	19 50	2 54	22 56	0 46	19 37	1 5	13 20	1 33	18 15	1 45	23 38	0 12	3 22	1 48	30 59	10 56	11 39	11 51	8 33		n.a.
M28	19 3	12 30	0n10	20 4	2 42	23 0	0 42	19 24	1 5	13 22	1 33	18 17	1 45	23 38	0 12	3 22	1 48	30 59	10 56	11 39	11 50	8 29		n.a.
T 29	18 47	17 30	1 14	20 17	2 30	23 2	0 39	19 11	1 5	13 25	1 33	18 18	1 45	23 38	0 12	3 22	1 48	31 0	10 57	11 39	11 49	8 26		n.a.
W30	18 32	21 54	2 17	20 29	2 18	23 5	0 36	18 59	1 5	13 27	1 33	18 20	1 45	23 39	0 12	3 23	1 49	31 0	10 57	11 38	11 48	8 23		n.a.
T 31	18 s16	25n22	3n14	20 s41	2n 5	23 s 6	0n33	18 s45	1 s 5	13n30	1n33	18n21	1n45	23 s39	0 s12	3n23	1n49	31n 0	10n57	11n37	11n47	8 s20		n.a.

Julian Day Number = 1712291.5, Delta T = 03h00m07s
Ecliptic obliquity = 23°42'00, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°24'27, Lahiri = - 4°17'27 Julian Calendar 1 Jan. 25 BCE == Greg. Calendar 30 Dec. 026 BCE

The year -24 astronomical counting style corresponds to year 025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 25 BCE
geocentric

FEBRUARY 25 BCE (-24) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 32 0	9♒45'10	23♊22	15♉58	5♉ 0	11♒34	28°R37	14°R22	21♐49	25°R40	0°R 7	29°R59	0♉29	17♓23	n.a.	F 1
S 2	8 35 57	10°45'18	7♋19	16°16	6°13	12°21	28♌30	14♌17	21°52	25♍39	0♌ 5	29♈50	0°26	17°29	n.a.	S 2
S 3	8 39 53	11°45'23	21°44	16°39	7°26	13° 8	28°23	14°12	21°55	25°38	0° 4	29°40	0°22	17°36	n.a.	S 3
M 4	8 43 50	12°45'27	6♌31	17° 7	8°39	13°55	28°16	14° 8	21°57	25°37	0° 2	29°28	0°19	17°43	n.a.	M 4
T 5	8 47 46	13°45'28	21°32	17°39	9°51	14°42	28° 9	14° 3	22° 0	25°36	0° 1	29°17	0°16	17°49	n.a.	T 5
W 6	8 51 43	14°45'28	6♍39	18°16	11° 4	15°29	28° 1	13°58	22° 2	25°35	29♋59	29° 8	0°13	17°56	n.a.	W 6
T 7	8 55 39	15°45'25	21°40	18°57	12°17	16°16	27°54	13°53	22° 5	25°34	29°58	29° 1	0°10	18° 3	n.a.	T 7
F 8	8 59 36	16°45'21	6♎27	19°42	13°30	17° 3	27°47	13°48	22° 7	25°33	29°56	28°57	0° 7	18° 9	n.a.	F 8
S 9	9 3 32	17°45'15	20°55	20°31	14°43	17°50	27°39	13°44	22°10	25°31	29°55	28°55	0° 3	18°16	n.a.	S 9
S 10	9 7 29	18°45'07	5♏ 1	21°23	15°56	18°37	27°31	13°39	22°12	25°30	29°54	28°D55	0° 0	18°23	n.a.	S 10
M11	9 11 26	19°44'57	18°45	22°18	17° 9	19°23	27°24	13°34	22°14	25°29	29°52	28°R55	29♈57	18°29	n.a.	M11
T 12	9 15 22	20°44'46	2♐ 8	23°15	18°22	20°10	27°16	13°30	22°17	25°28	29°51	28°55	29°54	18°36	n.a.	T 12
W13	9 19 19	21°44'33	15°13	24°16	19°35	20°57	27° 8	13°25	22°19	25°27	29°50	28°52	29°51	18°43	n.a.	W13
T 14	9 23 15	22°44'18	28° 2	25°19	20°48	21°44	27° 1	13°20	22°21	25°25	29°48	28°47	29°48	18°49	n.a.	T 14
F 15	9 27 12	23°44'01	10♑38	26°25	22° 1	22°31	26°53	13°15	22°23	25°24	29°47	28°39	29°44	18°56	n.a.	F 15
S 16	9 31 8	24°43'43	23° 3	27°33	23°14	23°17	26°45	13°11	22°25	25°23	29°45	28°29	29°41	19° 3	n.a.	S 16
S 17	9 35 5	25°43'22	5♒18	28°43	24°28	24° 4	26°37	13° 6	22°27	25°21	29°44	28°18	29°38	19° 9	n.a.	S 17
M18	9 39 1	26°42'59	17°25	29°55	25°41	24°51	26°30	13° 2	22°29	25°20	29°43	28° 6	29°35	19°16	n.a.	M18
T 19	9 42 58	27°42'34	29°25	1♒ 9	26°54	25°37	26°22	12°57	22°31	25°18	29°42	27°54	29°32	19°23	n.a.	T 19
W20	9 46 55	28°42'07	11♓20	2°25	28° 7	26°24	26°14	12°53	22°33	25°17	29°40	27°44	29°28	19°29	n.a.	W20
T 21	9 50 51	29°41'38	23°10	3°42	29°20	27°10	26° 6	12°48	22°35	25°16	29°39	27°36	29°25	19°36	n.a.	T 21
F 22	9 54 48	0♓41'07	4♈57	5° 2	0♒33	27°57	25°58	12°44	22°37	25°14	29°38	27°31	29°22	19°43	n.a.	F 22
S 23	9 58 44	1°40'33	16°45	6°23	1°46	28°43	25°51	12°39	22°39	25°13	29°36	27°28	29°19	19°49	n.a.	S 23
S 24	10 2 41	2°39'57	28°38	7°46	2°59	29°30	25°43	12°35	22°41	25°11	29°35	27°D27	29°16	19°56	n.a.	S 24
M25	10 6 37	3°39'19	10♉38	9°10	4°12	0♓16	25°35	12°31	22°42	25°10	29°34	27°28	29°13	20° 3	n.a.	M25
T 26	10 10 34	4°38'38	22°52	10°36	5°26	1° 3	25°28	12°26	22°44	25° 8	29°33	27°29	29° 9	20°10	n.a.	T 26
W27	10 14 30	5°37'55	5♊24	12° 4	6°39	1°49	25°20	12°22	22°46	25° 7	29°32	27°R30	29° 6	20°16	n.a.	W27
T 28	10 18 27	6°37'09	18°18	13°33	7°52	2°35	25°13	12°18	22°47	25° 5	29°31	27°29	29° 3	20°23	n.a.	T 28
F 29	10 22 24	7♓36'22	1♋40	15♒ 4	9♒ 5	3♓22	25♌ 5	12♌14	22♐49	25♍ 4	29♋29	27♈26	29♈ 0	20♓30	n.a.	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s 0	27n34	4n 2	20s52	1n52	23s 7	0n29	18s32	1s 5	13n32	1n34	18n23	1n45	23s39	0s12	3n24	1n49	31n 1	10n57	11n35	11n46	8s16		n.a.
S 2	17 44	28 8	4 38	21 3	1 40	23 7	0 26	18 19	1 4	13 35	1 34	18 24	1 46	23 39	0 12	3 24	1 49	31 1	10 57	11 32	11 45	8 13		n.a.
S 3	17 27	26 50	4 58	21 13	1 27	23 6	0 23	18 5	1 4	13 38	1 34	18 26	1 46	23 39	0 12	3 25	1 49	31 1	10 57	11 28	11 44	8 10		n.a.
M 4	17 10	23 40	4 59	21 22	1 14	23 5	0 20	17 51	1 4	13 40	1 34	18 27	1 46	23 39	0 12	3 25	1 49	31 2	10 57	11 24	11 42	8 7		n.a.
T 5	16 53	18 52	4 39	21 30	1 2	23 3	0 17	17 37	1 4	13 43	1 34	18 29	1 46	23 40	0 12	3 26	1 49	31 2	10 57	11 20	11 41	8 4		n.a.
W 6	16 35	12 52	3 59	21 37	0 50	23 1	0 13	17 23	1 4	13 46	1 34	18 30	1 46	23 40	0 12	3 26	1 49	31 2	10 57	11 17	11 40	8 0		n.a.
T 7	16 17	6 9	3 4	21 43	0 38	22 57	0 10	17 9	1 4	13 48	1 34	18 32	1 46	23 40	0 12	3 27	1 49	31 3	10 57	11 15	11 39	7 57		n.a.
F 8	15 59	0s49	1 56	21 48	0 27	22 53	0 7	16 54	1 4	13 51	1 35	18 33	1 46	23 40	0 12	3 27	1 49	31 3	10 57	11 13	11 38	7 54		n.a.
S 9	15 41	7 36	0 42	21 52	0 16	22 49	0 4	16 40	1 3	13 54	1 35	18 35	1 46	23 40	0 12	3 28	1 49	31 3	10 57	11 12	11 37	7 51		n.a.
S 10	15 22	13 51	0s32	21 54	0 5	22 43	0 1	16 25	1 3	13 57	1 35	18 36	1 46	23 40	0 12	3 28	1 49	31 4	10 57	11 12	11 36	7 47		n.a.
M11	15 3	19 15	1 43	21 56	0s 6	22 37	0s 2	16 10	1 3	14 0	1 35	18 38	1 46	23 41	0 12	3 29	1 49	31 4	10 57	11 12	11 35	7 44		n.a.
T 12	14 44	23 32	2 47	21 56	0 16	22 31	0 5	15 55	1 3	14 2	1 35	18 39	1 46	23 41	0 12	3 29	1 49	31 4	10 57	11 12	11 33	7 41		n.a.
W13	14 25	26 31	3 40	21 55	0 26	22 23	0 8	15 39	1 3	14 5	1 35	18 40	1 46	23 41	0 12	3 30	1 49	31 5	10 56	11 11	11 32	7 37		n.a.
T 14	14 5	28 2	4 21	21 53	0 35	22 15	0 11	15 24	1 2	14 8	1 35	18 42	1 46	23 41	0 12	3 30	1 49	31 5	10 56	11 10	11 31	7 34		n.a.
F 15	13 45	28 3	4 48	21 49	0 44	22 7	0 14	15 8	1 2	14 11	1 35	18 43	1 47	23 41	0 12	3 31	1 49	31 5	10 56	11 7	11 30	7 31		n.a.
S 16	13 25	26 39	5 1	21 45	0 53	21 57	0 17	14 53	1 2	14 13	1 35	18 45	1 47	23 41	0 12	3 32	1 49	31 5	10 56	11 3	11 29	7 28		n.a.
S 17	13 5	24 0	5 1	21 38	1 1	21 47	0 20	14 37	1 2	14 16	1 35	18 46	1 47	23 41	0 13	3 32	1 49	31 6	10 56	10 59	11 28	7 24		n.a.
M18	12 45	20 19	4 46	21 31	1 9	21 37	0 23	14 21	1 2	14 19	1 36	18 47	1 47	23 42	0 13	3 33	1 49	31 6	10 56	10 55	11 27	7 21		n.a.
T 19	12 24	15 50	4 19	21 22	1 17	21 25	0 26	14 5	1 1	14 22	1 36	18 49	1 47	23 42	0 13	3 33	1 49	31 6	10 56	10 51	11 26	7 18		n.a.
W20	12 3	10 47	3 41	21 12	1 24	21 14	0 28	13 49	1 1	14 24	1 36	18 50	1 47	23 42	0 13	3 34	1 49	31 6	10 56	10 47	11 24	7 15		n.a.
T 21	11 42	5 23	2 53	21 0	1 30	21 1	0 31	13 32	1 1	14 27	1 36	18 51	1 47	23 42	0 13	3 35	1 49	31 6	10 56	10 44	11 23	7 11		n.a.
F 22	11 21	0n12	1 58	20 46	1 36	20 48	0 34	13 16	1 1	14 30	1 36	18 53	1 47	23 42	0 13	3 35	1 50	31 7	10 56	10 42	11 22	7 8		n.a.
S 23	11 0	5 47	0 57	20 32	1 42	20 34	0 36	12 59	1 0	14 32	1 36	18 54	1 47	23 42	0 13	3 36	1 50	31 7	10 56	10 41	11 21	7 5		n.a.
S 24	10 38	11 12	0n 6	20 16	1 48	20 20	0 39	12 43	1 0	14 35	1 36	18 55	1 47	23 42	0 13	3 36	1 50	31 7	10 56	10 41	11 20	7 1		n.a.
M25	10 17	16 17	1 10	19 58	1 53	20 5	0 41	12 26	1 0	14 38	1 36	18 56	1 47	23 42	0 13	3 37	1 50	31 7	10 56	10 41	11 19	6 58		n.a.
T 26	9 55	20 49	2 12	19 39	1 57	19 50	0 44	12 9	1 0	14 40	1 36	18 58	1 47	23 43	0 13	3 38	1 50	31 7	10 55	10 41	11 18	6 55		n.a.
W27	9 33	24 33	3 10	19 18	2 1	19 34	0 46	11 52	0 59	14 43	1 36	18 59	1 47	23 43	0 13	3 38	1 50	31 8	10 55	10 42	11 16	6 52		n.a.
T 28	9 11	27 9	3 59	18 56	2 5	19 17	0 49	11 35	0 59	14 46	1 36	19 0	1 47	23 43	0 13	3 39	1 50	31 8	10 55	10 41	11 15	6 48		n.a.
F 29	8s49	28n19	4n38	18s32	2s 8	19s 0	0s51	11s18	0s59	14n48	1n36	19n 1	1n47	23s43	0s13	3n40	1n50	31n 8	10n55	10n40	11n14	6s45		n.a.

Julian Day Number = 1712322.5, Delta T = 03h00m06s
Ecliptic obliquity = 23°42'00, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°24'23, Lahiri = - 4°17'22 Julian Calendar 1 Feb. 25 BCE == Greg. Calendar 30 Jan. 025 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 25 BCE
geocentric

MARCH 25 BCE (-24) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 26 20	8♓35'31	15♋30	16♒36	10♒18	4♓ 8	24°R58	12°R10	22♐50	25°R 2	29°R28	27°R22	28♈57	20♓36	n.a.	S 1
S 2	10 30 17	9°34'39	29°50	18° 9	11°31	4°54	24♌50	12♌ 6	22°52	25♍ 1	29♋27	27♈16	28°54	20°43	n.a.	S 2
M 3	10 34 13	10°33'44	14♌36	19°44	12°45	5°40	24°43	12° 2	22°53	24°59	29°26	27° 9	28°50	20°50	n.a.	M 3
T 4	10 38 10	11°32'46	29°41	21°20	13°58	6°26	24°36	11°58	22°54	24°57	29°25	27° 1	28°47	20°56	n.a.	T 4
W 5	10 42 6	12°31'46	14♍57	22°58	15°11	7°12	24°29	11°54	22°56	24°56	29°24	26°55	28°44	21° 3	n.a.	W 5
T 6	10 46 3	13°30'45	0♎12	24°37	16°24	7°58	24°22	11°51	22°57	24°54	29°23	26°51	28°41	21°10	n.a.	T 6
F 7	10 49 59	14°29'41	15°16	26°18	17°37	8°44	24°15	11°47	22°58	24°53	29°22	26°49	28°38	21°16	n.a.	F 7
S 8	10 53 56	15°28'35	0♏ 1	28° 0	18°50	9°30	24° 8	11°44	22°59	24°51	29°21	26°D48	28°34	21°23	n.a.	S 8
S 9	10 57 52	16°27'27	14°22	29°44	20° 4	10°16	24° 1	11°40	23° 0	24°49	29°20	26°49	28°31	21°30	n.a.	S 9
M10	11 1 49	17°26'18	28°18	1♓29	21°17	11° 2	23°54	11°37	23° 1	24°48	29°19	26°50	28°28	21°36	n.a.	M10
T 11	11 5 46	18°25'07	11♐48	3°16	22°30	11°47	23°48	11°33	23° 2	24°46	29°18	26°52	28°25	21°43	n.a.	T 11
W12	11 9 42	19°23'54	24°54	5° 4	23°43	12°33	23°41	11°30	23° 3	24°44	29°18	26°R52	28°22	21°50	n.a.	W12
T 13	11 13 39	20°22'39	7♑40	6°53	24°57	13°19	23°35	11°27	23° 4	24°43	29°17	26°50	28°19	21°56	n.a.	T 13
F 14	11 17 35	21°21'23	20° 9	8°44	26°10	14° 5	23°29	11°24	23° 5	24°41	29°16	26°47	28°15	22° 3	n.a.	F 14
S 15	11 21 32	22°20'04	2♒24	10°37	27°23	14°50	23°23	11°21	23° 6	24°40	29°15	26°43	28°12	22°10	n.a.	S 15
S 16	11 25 28	23°18'44	14°30	12°31	28°36	15°36	23°17	11°18	23° 7	24°38	29°14	26°37	28° 9	22°16	n.a.	S 16
M17	11 29 25	24°17'22	26°28	14°27	29°50	16°21	23°11	11°15	23° 7	24°36	29°14	26°31	28° 6	22°23	n.a.	M17
T 18	11 33 21	25°15'58	8♓20	16°24	1♓ 3	17° 7	23° 5	11°12	23° 8	24°35	29°13	26°25	28° 3	22°30	n.a.	T 18
W19	11 37 18	26°14'31	20°10	18°23	2°16	17°52	23° 0	11°10	23° 9	24°33	29°12	26°20	27°59	22°36	n.a.	W19
T 20	11 41 15	27°13'03	1♈58	20°23	3°29	18°38	22°54	11° 7	23° 9	24°31	29°11	26°17	27°56	22°43	n.a.	T 20
F 21	11 45 11	28°11'33	13°47	22°24	4°43	19°23	22°49	11° 4	23°10	24°30	29°11	26°15	27°53	22°50	n.a.	F 21
S 22	11 49 8	29°10'01	25°40	24°27	5°56	20° 8	22°44	11° 2	23°10	24°28	29°10	26°D14	27°50	22°56	n.a.	S 22
S 23	11 53 4	0♈ 8'27	7♉38	26°31	7° 9	20°54	22°39	11° 0	23°11	24°26	29°10	26°14	27°47	23° 3	n.a.	S 23
M24	11 57 1	1° 6'50	19°44	28°36	8°22	21°39	22°34	10°57	23°11	24°25	29° 9	26°16	27°44	23°10	n.a.	M24
T 25	12 0 57	2° 5'12	2♊ 3	0♈43	9°36	22°24	22°29	10°55	23°11	24°23	29° 9	26°17	27°40	23°16	n.a.	T 25
W26	12 4 54	3° 3'32	14°37	2°50	10°49	23° 9	22°25	10°53	23°11	24°22	29° 8	26°19	27°37	23°23	n.a.	W26
T 27	12 8 50	4° 1'49	27°31	4°58	12° 2	23°54	22°21	10°51	23°12	24°20	29° 8	26°20	27°34	23°30	n.a.	T 27
F 28	12 12 47	5° 0'04	10♋48	7° 6	13°15	24°39	22°16	10°50	23°12	24°18	29° 7	26°R20	27°31	23°36	n.a.	F 28
S 29	12 16 44	5°58'17	24°29	9°15	14°29	25°24	22°12	10°48	23°12	24°17	29° 7	26°19	27°28	23°43	n.a.	S 29
S 30	12 20 40	6°56'28	8♌38	11°23	15°42	26° 9	22° 9	10°46	23°R12	24°15	29° 6	26°17	27°25	23°50	n.a.	S 30
M31	12 24 37	7♈54'37	23♌10	13♈32	16♓55	26♓54	22♌ 5	10♌45	23♐12	24♍14	29♋ 6	26♈15	27♈21	23♓56	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8s26	27n47	5n 1	18s 7	2s11	18s42	0s53	11s 0	0s58	14n51	1n36	19n 2	1n47	23s43	0s13	3n40	1n50	31n 8	10n55	10n39	11n13	6s42		n.a.
S 2	8 4	25 25	5 8	17 40	2 13	18 24	0 55	10 43	0 58	14 53	1 36	19 3	1 47	23 43	0 13	3 41	1 50	31 8	10 55	10 37	11 12	6 38		n.a.
M 3	7 41	21 18	4 54	17 11	2 15	18 5	0 58	10 26	0 58	14 56	1 36	19 5	1 47	23 43	0 13	3 41	1 50	31 8	10 55	10 34	11 11	6 35		n.a.
T 4	7 19	15 45	4 20	16 42	2 16	17 46	1 0	10 8	0 57	14 58	1 36	19 6	1 47	23 43	0 13	3 42	1 50	31 8	10 55	10 31	11 10	6 32		n.a.
W 5	6 56	9 10	3 27	16 10	2 17	17 26	1 2	9 51	0 57	15 0	1 36	19 7	1 47	23 43	0 13	3 43	1 50	31 8	10 54	10 29	11 8	6 29		n.a.
T 6	6 33	2 3	2 19	15 37	2 18	17 6	1 4	9 33	0 57	15 3	1 36	19 8	1 47	23 43	0 13	3 43	1 50	31 8	10 54	10 28	11 7	6 25		n.a.
F 7	6 10	5s 7	1 2	15 2	2 18	16 46	1 6	9 15	0 56	15 5	1 36	19 9	1 47	23 44	0 13	3 44	1 50	31 8	10 54	10 27	11 6	6 22		n.a.
S 8	5 47	11 52	0s17	14 26	2 17	16 24	1 7	8 57	0 56	15 7	1 35	19 10	1 47	23 44	0 13	3 45	1 50	31 9	10 54	10 27	11 5	6 19		n.a.
S 9	5 24	17 49	1 34	13 48	2 16	16 3	1 9	8 40	0 56	15 9	1 35	19 11	1 47	23 44	0 13	3 45	1 50	31 9	10 54	10 27	11 4	6 15		n.a.
M10	5 1	22 38	2 43	13 9	2 14	15 41	1 11	8 22	0 55	15 12	1 35	19 12	1 47	23 44	0 13	3 46	1 50	31 9	10 54	10 27	11 3	6 12		n.a.
T 11	4 38	26 5	3 40	12 28	2 12	15 18	1 13	8 4	0 55	15 14	1 35	19 13	1 47	23 44	0 13	3 47	1 50	31 9	10 53	10 28	11 2	6 9		n.a.
W12	4 14	28 0	4 24	11 46	2 10	14 55	1 14	7 46	0 55	15 16	1 35	19 13	1 46	23 44	0 13	3 47	1 50	31 9	10 53	10 28	11 0	6 5		n.a.
T 13	3 51	28 22	4 54	11 2	2 6	14 32	1 16	7 28	0 54	15 18	1 35	19 14	1 46	23 44	0 13	3 48	1 50	31 9	10 53	10 27	10 59	6 2		n.a.
F 14	3 28	27 16	5 9	10 16	2 3	14 9	1 17	7 10	0 54	15 20	1 35	19 15	1 46	23 44	0 13	3 49	1 50	31 9	10 53	10 26	10 58	5 59		n.a.
S 15	3 4	24 51	5 10	9 30	1 59	13 44	1 19	6 51	0 54	15 22	1 35	19 16	1 46	23 44	0 13	3 49	1 50	31 9	10 53	10 24	10 57	5 55		n.a.
S 16	2 41	21 23	4 56	8 41	1 54	13 20	1 20	6 33	0 53	15 24	1 35	19 17	1 46	23 44	0 13	3 50	1 50	31 9	10 53	10 22	10 56	5 52		n.a.
M17	2 18	17 3	4 30	7 51	1 49	12 55	1 21	6 15	0 53	15 25	1 35	19 17	1 46	23 44	0 13	3 51	1 50	31 9	10 52	10 20	10 55	5 49		n.a.
T 18	1 54	12 7	3 52	7 0	1 43	12 30	1 22	5 57	0 52	15 27	1 34	19 18	1 46	23 44	0 13	3 51	1 50	31 9	10 52	10 18	10 54	5 45		n.a.
W19	1 31	6 46	3 5	6 7	1 37	12 5	1 24	5 38	0 52	15 29	1 34	19 19	1 46	23 44	0 13	3 52	1 50	31 9	10 52	10 16	10 52	5 42		n.a.
T 20	1 7	1 11	2 9	5 13	1 30	11 39	1 25	5 20	0 52	15 31	1 34	19 19	1 46	23 44	0 13	3 53	1 50	31 9	10 52	10 15	10 51	5 39		n.a.
F 21	0 44	4n27	1 8	4 18	1 22	11 13	1 26	5 2	0 51	15 32	1 34	19 20	1 46	23 44	0 13	3 53	1 50	31 9	10 52	10 14	10 50	5 35		n.a.
S 22	0 20	9 59	0 3	3 22	1 14	10 46	1 27	4 43	0 51	15 34	1 34	19 21	1 46	23 44	0 13	3 54	1 50	31 9	10 51	10 14	10 49	5 32		n.a.
S 23	0n 3	15 11	1n 2	2 24	1 6	10 20	1 27	4 25	0 50	15 35	1 34	19 21	1 46	23 45	0 13	3 55	1 50	31 8	10 51	10 14	10 48	5 29		n.a.
M24	0 27	19 53	2 6	1 26	0 57	9 53	1 28	4 7	0 50	15 37	1 34	19 22	1 46	23 45	0 13	3 55	1 50	31 8	10 51	10 15	10 47	5 25		n.a.
T 25	0 50	23 49	3 5	0 27	0 48	9 26	1 29	3 48	0 50	15 38	1 34	19 22	1 46	23 45	0 13	3 56	1 50	31 8	10 51	10 15	10 46	5 22		n.a.
W26	1 14	26 42	3 56	0n33	0 39	8 58	1 30	3 30	0 49	15 40	1 33	19 23	1 46	23 45	0 13	3 57	1 50	31 8	10 51	10 16	10 44	5 19		n.a.
T 27	1 37	28 17	4 37	1 33	0 29	8 30	1 30	3 11	0 49	15 41	1 33	19 23	1 46	23 45	0 13	3 57	1 50	31 8	10 50	10 16	10 43	5 15		n.a.
F 28	2 0	28 18	5 4	2 34	0 18	8 3	1 31	2 53	0 48	15 42	1 33	19 24	1 45	23 45	0 13	3 58	1 50	31 8	10 50	10 16	10 42	5 12		n.a.
S 29	2 24	26 37	5 15	3 35	0 8	7 34	1 31	2 35	0 48	15 43	1 33	19 24	1 45	23 45	0 13	3 59	1 50	31 8	10 50	10 16	10 41	5 9		n.a.
S 30	2 47	23 15	5 8	4 36	0n 3	7 6	1 31	2 16	0 47	15 44	1 33	19 25	1 45	23 45	0 13	3 59	1 50	31 8	10 50	10 15	10 40	5 5		n.a.
M31	3n10	18n22	4n42	5n36	0n14	6s38	1s32	1s58	0s47	15n45	1n33	19n25	1n45	23s45	0s13	4n 0	1n50	31n 8	10n49	10n14	10n39	5s 2		n.a.

Julian Day Number = 1712351.5, Delta T = 03h00m05s
Ecliptic obliquity = 23°42'01, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°24'19, Lahiri = - 4°17'19 Julian Calendar 1 March 25 BCE == Greg. Calendar 28 Feb. 025 BCE

The year -24 astronomical counting style corresponds to year 025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 25 BCE
geocentric

APRIL 25 BCE (-24) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 28 33	8♈52'43	8♍ 4	15♈40	18♓ 8	27♓38	22°R 1	10°R43	23°R12	24°R12	29°R 6	26°R13	27♈18	24♓ 3	n.a.	T 1
W 2	12 32 30	9°50'48	23°10	17°47	19°22	28°23	21♌58	10♌42	23♐12	24♍10	29♋ 5	26♈11	27°15	24°10	n.a.	W 2
T 3	12 36 26	10°48'51	8♎22	19°53	20°35	29° 8	21°55	10°41	23°12	24° 9	29° 5	26° 9	27°12	24°16	n.a.	T 3
F 4	12 40 23	11°46'52	23°28	21°57	21°48	29°52	21°52	10°40	23°11	24° 7	29° 5	26°D 9	27° 9	24°23	n.a.	F 4
S 5	12 44 19	12°44'51	8♏21	24° 0	23° 1	0♈37	21°49	10°38	23°11	24° 6	29° 4	26° 9	27° 5	24°30	n.a.	S 5
S 6	12 48 16	13°42'49	22°52	26° 1	24°15	1°22	21°46	10°38	23°11	24° 4	29° 4	26°10	27° 2	24°36	n.a.	S 6
M 7	12 52 13	14°40'45	6♐59	27°59	25°28	2° 6	21°44	10°37	23°10	24° 3	29° 4	26°11	26°59	24°43	n.a.	M 7
T 8	12 56 9	15°38'40	20°38	29°55	26°41	2°50	21°42	10°36	23°10	24° 1	29° 4	26°12	26°56	24°50	n.a.	T 8
W 9	13 0 6	16°36'34	3♑52	1♉49	27°55	3°35	21°39	10°35	23°10	24° 0	29° 4	26°12	26°53	24°56	n.a.	W 9
T 10	13 4 2	17°34'26	16°42	3°39	29° 8	4°19	21°38	10°35	23° 9	23°58	29° 4	26°R13	26°50	25° 3	n.a.	T 10
F 11	13 7 59	18°32'17	29°11	5°27	0♈21	5° 3	21°36	10°34	23° 8	23°57	29° 4	26°12	26°46	25°10	n.a.	F 11
S 12	13 11 55	19°30'06	11♒24	7°11	1°34	5°48	21°34	10°34	23° 8	23°55	29° 4	26°12	26°43	25°16	n.a.	S 12
S 13	13 15 52	20°27'54	23°26	8°52	2°48	6°32	21°33	10°34	23° 7	23°54	29°D 4	26°11	26°40	25°23	n.a.	S 13
M14	13 19 48	21°25'41	5♓19	10°30	4° 1	7°16	21°32	10°34	23° 7	23°52	29° 4	26°11	26°37	25°30	n.a.	M14
T 15	13 23 45	22°23'27	17° 8	12° 4	5°14	8° 0	21°31	10°D34	23° 6	23°51	29° 4	26°10	26°34	25°36	n.a.	T 15
W16	13 27 42	23°21'11	28°56	13°35	6°28	8°44	21°30	10°34	23° 5	23°50	29° 4	26°10	26°31	25°43	n.a.	W16
T 17	13 31 38	24°18'54	10♈46	15° 2	7°41	9°28	21°29	10°34	23° 4	23°48	29° 4	26°10	26°27	25°50	n.a.	T 17
F 18	13 35 35	25°16'35	22°40	16°25	8°54	10°12	21°29	10°34	23° 3	23°47	29° 4	26°D 9	26°24	25°56	n.a.	F 18
S 19	13 39 31	26°14'15	4♉40	17°45	10° 8	10°56	21°28	10°35	23° 2	23°46	29° 4	26°R 9	26°21	26° 3	n.a.	S 19
S 20	13 43 28	27°11'54	16°49	19° 1	11°21	11°40	21°D28	10°35	23° 1	23°44	29° 4	26° 9	26°18	26°10	n.a.	S 20
M21	13 47 24	28° 9'31	29° 8	20°14	12°34	12°23	21°28	10°36	23° 0	23°43	29° 5	26° 9	26°15	26°16	n.a.	M21
T 22	13 51 21	29° 7'07	11♊40	21°22	13°48	13° 7	21°28	10°37	22°59	23°42	29° 5	26° 9	26°11	26°23	n.a.	T 22
W23	13 55 17	0♉ 4'41	24°25	22°27	15° 1	13°51	21°29	10°37	22°58	23°41	29° 5	26° 9	26° 8	26°30	n.a.	W23
T 24	13 59 14	1° 2'14	7♋27	23°28	16°14	14°34	21°29	10°38	22°57	23°39	29° 5	26° 8	26° 5	26°36	n.a.	T 24
F 25	14 3 11	1°59'46	20°46	24°24	17°28	15°18	21°30	10°39	22°56	23°38	29° 6	26° 8	26° 2	26°43	n.a.	F 25
S 26	14 7 7	2°57'16	4♌24	25°17	18°41	16° 1	21°31	10°41	22°55	23°37	29° 6	26°D 8	25°59	26°50	n.a.	S 26
S 27	14 11 4	3°54'44	18°22	26° 5	19°54	16°45	21°32	10°42	22°53	23°36	29° 7	26° 8	25°56	26°56	n.a.	S 27
M28	14 15 0	4°52'11	2♍40	26°50	21° 8	17°28	21°34	10°43	22°52	23°35	29° 7	26° 8	25°52	27° 3	n.a.	M28
T 29	14 18 57	5°49'36	17°14	27°29	22°21	18°11	21°35	10°45	22°51	23°33	29° 8	26° 9	25°49	27°10	n.a.	T 29
W30	14 22 53	6♉47'00	2♎ 0	28♉ 5	23♈34	18♈54	21♌37	10♌46	22♐49	23♍32	29♋ 8	26♈10	25♈46	27♓16	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3n33	12n16	3n55	6n36	0n24	6s 9	1s32	1s39	0s46	15n46	1n32	19n25	1n45	23s45	0s13	4n 0	1n50	31n 7	10n49	10n14	10n37	4s59		n.a.
W 2	3 56	5 22	2 52	7 35	0 35	5 40	1 32	1 21	0 46	15 47	1 32	19 25	1 45	23 45	0 13	4 1	1 50	31 7	10 49	10 13	10 36	4 55		n.a.
T 3	4 20	1s52	1 37	8 34	0 46	5 11	1 32	1 3	0 45	15 48	1 32	19 26	1 45	23 45	0 13	4 2	1 50	31 7	10 49	10 12	10 35	4 52		n.a.
F 4	4 42	8 59	0 15	9 31	0 56	4 42	1 32	0 44	0 45	15 49	1 32	19 26	1 45	23 45	0 13	4 2	1 50	31 7	10 49	10 12	10 34	4 49		n.a.
S 5	5 5	15 30	1s 7	10 26	1 7	4 12	1 32	0 26	0 45	15 50	1 32	19 26	1 45	23 45	0 13	4 3	1 50	31 7	10 48	10 12	10 33	4 45		n.a.
S 6	5 28	20 59	2 23	11 20	1 17	3 43	1 32	0 8	0 44	15 51	1 31	19 26	1 45	23 45	0 13	4 4	1 50	31 7	10 48	10 13	10 32	4 42		n.a.
M 7	5 51	25 7	3 27	12 13	1 26	3 14	1 32	0n11	0 44	15 51	1 31	19 26	1 45	23 45	0 13	4 4	1 50	31 6	10 48	10 13	10 31	4 39		n.a.
T 8	6 13	27 39	4 18	13 3	1 35	2 44	1 32	0 29	0 43	15 52	1 31	19 27	1 44	23 45	0 14	4 5	1 50	31 6	10 48	10 13	10 29	4 35		n.a.
W 9	6 36	28 32	4 53	13 51	1 44	2 14	1 31	0 47	0 43	15 52	1 31	19 27	1 44	23 45	0 14	4 5	1 50	31 6	10 47	10 13	10 28	4 32		n.a.
T 10	6 58	27 49	5 13	14 37	1 52	1 44	1 31	1 6	0 42	15 53	1 31	19 27	1 44	23 45	0 14	4 6	1 50	31 6	10 47	10 14	10 27	4 28		n.a.
F 11	7 21	25 42	5 17	15 21	1 59	1 14	1 31	1 24	0 42	15 53	1 30	19 27	1 44	23 45	0 14	4 6	1 50	31 6	10 47	10 13	10 26	4 25		n.a.
S 12	7 43	22 26	5 6	16 2	2 6	0 45	1 30	1 42	0 41	15 53	1 30	19 27	1 44	23 45	0 14	4 7	1 50	31 5	10 47	10 13	10 25	4 22		n.a.
S 13	8 5	18 17	4 42	16 41	2 12	0 15	1 30	2 0	0 41	15 54	1 30	19 27	1 44	23 45	0 14	4 8	1 50	31 5	10 46	10 13	10 24	4 18		n.a.
M14	8 27	13 28	4 6	17 18	2 17	0n15	1 29	2 18	0 40	15 54	1 30	19 27	1 44	23 45	0 14	4 8	1 50	31 5	10 46	10 13	10 22	4 15		n.a.
T 15	8 48	8 12	3 20	17 52	2 22	0 45	1 28	2 36	0 40	15 54	1 30	19 26	1 44	23 45	0 14	4 9	1 50	31 5	10 46	10 13	10 21	4 12		n.a.
W16	9 10	2 39	2 25	18 24	2 25	1 15	1 27	2 54	0 39	15 54	1 29	19 26	1 44	23 45	0 14	4 9	1 50	31 4	10 46	10 12	10 20	4 8		n.a.
T 17	9 32	3n 1	1 24	18 53	2 28	1 45	1 27	3 12	0 38	15 54	1 29	19 26	1 43	23 45	0 14	4 10	1 50	31 4	10 45	10 12	10 19	4 5		n.a.
F 18	9 53	8 37	0 19	19 20	2 30	2 15	1 26	3 30	0 38	15 54	1 29	19 26	1 43	23 45	0 14	4 10	1 50	31 4	10 45	10 12	10 18	4 1		n.a.
S 19	10 14	13 57	0n47	19 44	2 32	2 45	1 25	3 48	0 37	15 54	1 29	19 26	1 43	23 45	0 14	4 11	1 50	31 4	10 45	10 12	10 17	3 58		n.a.
S 20	10 35	18 50	1 52	20 6	2 32	3 15	1 24	4 6	0 37	15 54	1 29	19 26	1 43	23 45	0 14	4 11	1 50	31 3	10 45	10 12	10 15	3 55		n.a.
M21	10 56	23 0	2 53	20 26	2 32	3 45	1 23	4 23	0 36	15 54	1 28	19 25	1 43	23 45	0 14	4 12	1 50	31 3	10 45	10 12	10 14	3 51		n.a.
T 22	11 17	26 10	3 47	20 43	2 30	4 15	1 22	4 41	0 36	15 53	1 28	19 25	1 43	23 44	0 14	4 12	1 50	31 3	10 44	10 12	10 13	3 48		n.a.
W23	11 37	28 5	4 30	20 58	2 28	4 45	1 20	4 59	0 35	15 53	1 28	19 25	1 43	23 44	0 14	4 13	1 50	31 2	10 44	10 12	10 12	3 45		n.a.
T 24	11 58	28 29	5 1	21 10	2 25	5 14	1 19	5 16	0 35	15 53	1 28	19 24	1 43	23 44	0 14	4 13	1 50	31 2	10 44	10 12	10 11	3 41		n.a.
F 25	12 18	27 17	5 16	21 21	2 21	5 44	1 18	5 34	0 34	15 52	1 28	19 24	1 43	23 44	0 14	4 14	1 49	31 2	10 44	10 12	10 10	3 38		n.a.
S 26	12 38	24 26	5 14	21 29	2 16	6 13	1 17	5 51	0 34	15 52	1 27	19 23	1 43	23 44	0 14	4 14	1 49	31 2	10 43	10 12	10 8	3 34		n.a.
S 27	12 58	20 8	4 54	21 35	2 10	6 42	1 15	6 8	0 33	15 51	1 27	19 23	1 42	23 44	0 14	4 14	1 49	31 1	10 43	10 12	10 7	3 31		n.a.
M28	13 17	14 36	4 15	21 39	2 3	7 12	1 14	6 26	0 33	15 50	1 27	19 23	1 42	23 44	0 14	4 15	1 49	31 1	10 43	10 12	10 6	3 28		n.a.
T 29	13 36	8 9	3 20	21 41	1 55	7 41	1 12	6 43	0 32	15 50	1 27	19 22	1 42	23 44	0 14	4 15	1 49	31 1	10 43	10 12	10 5	3 24		n.a.
W30	13n56	1n11	2n10	21n41	1n46	8n 9	1s11	7n 0	0s31	15n49	1n26	19n22	1n42	23s44	0s14	4n16	1n49	31n 0	10n42	10n13	10n 4	3s21		n.a.

Julian Day Number = 1712382.5, Delta T = 03h00m04s
Ecliptic obliquity = 23°42'01, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°24'15, Lahiri = - 4°17'14 Julian Calendar 1 Apr. 25 BCE == Greg. Calendar 30 March 025 BCE

The year -24 astronomical counting style corresponds to year 025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 25 BCE
geocentric

MAY 25 BCE (-24) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 26 50	7♉44'23	16♎54	28♉36	24♈48	19♈38	21♌39	10♌48	22°R48	23°R31	29♋ 9	26♈10	25♈43	27♓23	n.a.	T 1
F 2	14 30 46	8°41'44	1♏47	29° 3	26° 1	20°21	21°41	10°49	22♐46	23♍30	29° 9	26°R11	25°40	27°30	n.a.	F 2
S 3	14 34 43	9°39'05	16°31	29°25	27°14	21° 4	21°43	10°51	22°45	23°29	29°10	26°10	25°36	27°36	n.a.	S 3
S 4	14 38 39	10°36'25	1♐ 0	29°42	28°28	21°47	21°45	10°53	22°43	23°28	29°10	26° 9	25°33	27°43	n.a.	S 4
M 5	14 42 36	11°33'44	15° 9	29°55	29°41	22°30	21°48	10°55	22°42	23°27	29°11	26° 7	25°30	27°50	n.a.	M 5
T 6	14 46 33	12°31'02	28°53	0♊ 3	0♉54	23°13	21°51	10°57	22°40	23°26	29°12	26° 5	25°27	27°56	n.a.	T 6
W 7	14 50 29	13°28'19	12♑12	0°R 6	2° 8	23°55	21°54	11° 0	22°38	23°25	29°12	26° 3	25°24	28° 3	n.a.	W 7
T 8	14 54 26	14°25'36	25° 6	0° 5	3°21	24°38	21°57	11° 2	22°37	23°24	29°13	26° 1	25°21	28°10	n.a.	T 8
F 9	14 58 22	15°22'53	7♒39	29♉59	4°35	25°21	22° 0	11° 4	22°35	23°24	29°14	26° 0	25°17	28°16	n.a.	F 9
S 10	15 2 19	16°20'08	19°54	29°50	5°48	26° 4	22° 3	11° 7	22°33	23°23	29°14	26°D 0	25°14	28°23	n.a.	S 10
S 11	15 6 15	17°17'24	1♓55	29°36	7° 1	26°46	22° 7	11° 9	22°31	23°22	29°15	26° 1	25°11	28°30	n.a.	S 11
M12	15 10 12	18°14'38	13°48	29°18	8°15	27°29	22°11	11°12	22°30	23°21	29°16	26° 2	25° 8	28°36	n.a.	M12
T 13	15 14 9	19°11'53	25°36	28°57	9°28	28°11	22°14	11°15	22°28	23°20	29°17	26° 4	25° 5	28°43	n.a.	T 13
W14	15 18 5	20° 9'06	7♈25	28°33	10°42	28°54	22°18	11°18	22°26	23°20	29°18	26° 5	25° 2	28°50	n.a.	W14
T 15	15 22 2	21° 6'20	19°18	28° 5	11°55	29°36	22°23	11°21	22°24	23°19	29°19	26° 6	24°58	28°56	n.a.	T 15
F 16	15 25 58	22° 3'32	1♉19	27°35	13° 9	0♉19	22°27	11°24	22°22	23°18	29°20	26°R 6	24°55	29° 3	n.a.	F 16
S 17	15 29 55	23° 0'45	13°30	27° 4	14°22	1° 1	22°32	11°27	22°20	23°18	29°20	26° 5	24°52	29°10	n.a.	S 17
S 18	15 33 51	23°57'57	25°54	26°31	15°36	1°43	22°36	11°30	22°18	23°17	29°21	26° 3	24°49	29°16	n.a.	S 18
M19	15 37 48	24°55'08	8♊30	25°57	16°49	2°25	22°41	11°34	22°16	23°16	29°22	25°59	24°46	29°23	n.a.	M19
T 20	15 41 44	25°52'19	21°21	25°23	18° 3	3° 7	22°46	11°37	22°14	23°16	29°23	25°54	24°42	29°30	n.a.	T 20
W21	15 45 41	26°49'30	4♋25	24°49	19°16	3°50	22°51	11°41	22°12	23°15	29°25	25°49	24°39	29°36	n.a.	W21
T 22	15 49 38	27°46'40	17°44	24°16	20°30	4°32	22°57	11°44	22°10	23°15	29°26	25°45	24°36	29°43	n.a.	T 22
F 23	15 53 34	28°43'49	1♌15	23°44	21°43	5°14	23° 2	11°48	22° 7	23°14	29°27	25°41	24°33	29°50	n.a.	F 23
S 24	15 57 31	29°40'58	14°59	23°15	22°57	5°55	23° 8	11°52	22° 5	23°14	29°28	25°39	24°30	29°56	n.a.	S 24
S 25	16 1 27	0♊38'06	28°56	22°48	24°10	6°37	23°13	11°55	22° 3	23°13	29°29	25°D38	24°27	0♈ 3	n.a.	S 25
M26	16 5 24	1°35'13	13♍ 3	22°24	25°24	7°19	23°19	11°59	22° 1	23°13	29°30	25°39	24°23	0°10	n.a.	M26
T 27	16 9 20	2°32'20	27°20	22° 4	26°37	8° 1	23°25	12° 3	21°59	23°13	29°31	25°40	24°20	0°16	n.a.	T 27
W28	16 13 17	3°29'26	11♎45	21°47	27°51	8°42	23°31	12° 7	21°56	23°12	29°33	25°41	24°17	0°23	n.a.	W28
T 29	16 17 13	4°26'32	26°14	21°34	29° 5	9°24	23°38	12°12	21°54	23°12	29°34	25°R42	24°14	0°30	n.a.	T 29
F 30	16 21 10	5°23'38	10♏43	21°26	0♊18	10° 6	23°44	12°16	21°52	23°12	29°35	25°41	24°11	0°36	n.a.	F 30
S 31	16 25 7	6♊20'43	25♏ 7	21°D22	1♊32	10♉47	23♌51	12♌20	21♐50	23♍12	29♋36	25♈38	24♈ 8	0♈43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	14n15	5s55	0n51	21n38	1n37	8n38	1s 9	7n17	0s31	15n48	1n26	19n21	1n42	23s44	0s14	4n16	1n49	31n 0	10n42	10n13	10n 3	3s18			n.a.
F 2	14 33	12 42	0s31	21 34	1 26	9 7	1 7	7 34	0 30	15 47	1 26	19 20	1 42	23 44	0 14	4 16	1 49	31 0	10 42	10 13	10 1	3 14			n.a.
S 3	14 52	18 43	1 50	21 28	1 15	9 35	1 6	7 51	0 30	15 46	1 26	19 20	1 42	23 44	0 14	4 17	1 49	30 59	10 42	10 13	10 0	3 11			n.a.
S 4	15 10	23 32	3 1	21 20	1 3	10 3	1 4	8 8	0 29	15 45	1 26	19 19	1 42	23 44	0 14	4 17	1 49	30 59	10 41	10 12	9 59	3 7			n.a.
M 5	15 28	26 49	3 59	21 10	0 50	10 31	1 2	8 24	0 29	15 44	1 25	19 18	1 42	23 44	0 14	4 18	1 49	30 58	10 41	10 11	9 58	3 4			n.a.
T 6	15 46	28 23	4 41	20 58	0 36	10 58	1 0	8 41	0 28	15 43	1 25	19 18	1 41	23 44	0 14	4 18	1 49	30 58	10 41	10 11	9 57	3 1			n.a.
W 7	16 3	28 13	5 7	20 45	0 21	11 26	0 59	8 57	0 27	15 42	1 25	19 17	1 41	23 44	0 14	4 18	1 49	30 58	10 41	10 10	9 56	2 57			n.a.
T 8	16 20	26 31	5 16	20 30	0 6	11 53	0 57	9 14	0 27	15 41	1 25	19 16	1 41	23 44	0 14	4 19	1 49	30 57	10 40	10 9	9 54	2 54			n.a.
F 9	16 37	23 32	5 9	20 13	0s 9	12 20	0 55	9 30	0 26	15 39	1 24	19 15	1 41	23 43	0 14	4 19	1 49	30 57	10 40	10 9	9 53	2 50			n.a.
S 10	16 54	19 34	4 49	19 55	0 26	12 46	0 53	9 46	0 26	15 38	1 24	19 15	1 41	23 43	0 14	4 19	1 49	30 57	10 40	10 9	9 52	2 47			n.a.
S 11	17 11	14 53	4 16	19 36	0 42	13 13	0 51	10 3	0 25	15 37	1 24	19 14	1 41	23 43	0 14	4 19	1 49	30 56	10 40	10 9	9 51	2 44			n.a.
M12	17 27	9 42	3 33	19 16	0 59	13 38	0 49	10 19	0 24	15 35	1 24	19 13	1 41	23 43	0 14	4 20	1 49	30 56	10 40	10 10	9 50	2 40			n.a.
T 13	17 43	4 13	2 40	18 54	1 16	14 4	0 47	10 35	0 24	15 34	1 24	19 12	1 41	23 43	0 14	4 20	1 49	30 55	10 39	10 10	9 49	2 37			n.a.
W14	17 58	1n26	1 41	18 33	1 33	14 29	0 45	10 50	0 23	15 32	1 23	19 11	1 41	23 43	0 14	4 20	1 49	30 55	10 39	10 11	9 47	2 33			n.a.
T 15	18 14	7 4	0 37	18 10	1 50	14 54	0 42	11 6	0 23	15 31	1 23	19 10	1 40	23 43	0 14	4 21	1 49	30 54	10 39	10 11	9 46	2 30			n.a.
F 16	18 29	12 30	0n29	17 47	2 6	15 19	0 40	11 22	0 22	15 29	1 23	19 9	1 40	23 43	0 14	4 21	1 49	30 54	10 39	10 11	9 45	2 27			n.a.
S 17	18 44	17 34	1 34	17 24	2 22	15 43	0 38	11 37	0 21	15 27	1 23	19 8	1 40	23 43	0 14	4 21	1 49	30 54	10 39	10 11	9 44	2 23			n.a.
S 18	18 58	21 58	2 36	17 2	2 38	16 7	0 36	11 53	0 21	15 26	1 23	19 7	1 40	23 43	0 14	4 21	1 49	30 53	10 38	10 10	9 43	2 20			n.a.
M19	19 12	25 27	3 32	16 39	2 53	16 30	0 34	12 8	0 20	15 24	1 22	19 6	1 40	23 43	0 14	4 21	1 48	30 53	10 38	10 9	9 42	2 16			n.a.
T 20	19 26	27 42	4 17	16 18	3 6	16 53	0 31	12 23	0 20	15 22	1 22	19 5	1 40	23 42	0 14	4 22	1 48	30 52	10 38	10 7	9 40	2 13			n.a.
W21	19 40	28 28	4 51	15 57	3 19	17 16	0 29	12 38	0 19	15 20	1 22	19 4	1 40	23 42	0 14	4 22	1 48	30 52	10 38	10 5	9 39	2 9			n.a.
T 22	19 53	27 37	5 9	15 38	3 31	17 38	0 27	12 53	0 18	15 18	1 22	19 3	1 40	23 42	0 14	4 22	1 48	30 51	10 37	10 3	9 38	2 6			n.a.
F 23	20 6	25 8	5 11	15 20	3 41	18 0	0 25	13 8	0 18	15 16	1 22	19 2	1 40	23 42	0 14	4 22	1 48	30 51	10 37	10 2	9 37	2 3			n.a.
S 24	20 18	21 12	4 55	15 4	3 51	18 21	0 22	13 22	0 17	15 14	1 21	19 1	1 40	23 42	0 14	4 22	1 48	30 51	10 37	10 1	9 36	1 59			n.a.
S 25	20 30	16 2	4 21	14 50	3 59	18 42	0 20	13 37	0 16	15 12	1 21	19 0	1 40	23 42	0 14	4 22	1 48	30 50	10 37	10 1	9 34	1 56			n.a.
M26	20 42	9 59	3 32	14 37	4 5	19 2	0 18	13 51	0 16	15 10	1 21	18 58	1 39	23 42	0 14	4 22	1 48	30 50	10 37	10 1	9 33	1 52			n.a.
T 27	20 54	3 20	2 28	14 27	4 10	19 22	0 15	14 6	0 15	15 8	1 21	18 57	1 39	23 42	0 14	4 22	1 48	30 49	10 37	10 1	9 32	1 49			n.a.
W28	21 5	3s33	1 15	14 19	4 14	19 41	0 13	14 20	0 15	15 5	1 21	18 56	1 39	23 41	0 14	4 23	1 48	30 49	10 36	10 2	9 31	1 46			n.a.
T 29	21 16	10 17	0s 3	14 14	4 16	20 0	0 10	14 34	0 14	15 3	1 20	18 55	1 39	23 41	0 14	4 23	1 48	30 48	10 36	10 2	9 30	1 42			n.a.
F 30	21 26	16 29	1 21	14 11	4 17	20 18	0 8	14 48	0 13	15 1	1 20	18 53	1 39	23 41	0 14	4 23	1 48	30 48	10 36	10 2	9 29	1 39			n.a.
S 31	21n36	21s44	2s33	14n10	4s17	20n36	0s 6	15n 1	0s13	14n58	1n20	18n52	1n39	23s41	0s14	4n23	1n48	30n47	10n36	10n 1	9n27	1s35			n.a.

Julian Day Number = 1712412.5, Delta T = 03h00m04s
Ecliptic obliquity = 23°42'01, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°24'11, Lahiri = - 4°17'10 Julian Calendar 1 May 25 BCE == Greg. Calendar 29 Apr. 025 BCE

The year -24 astronomical counting style corresponds to year 025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 25 BCE
geocentric

JUNE 25 BCE (-24) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 29 3	7♊17'49	9♐21	21♉23	2♊45	11♉29	23♌57	12♌25	21°R47	23°R11	29♋38	25°R34	24♈ 4	0♈50	n.a.	S 1
M 2	16 33 0	8°14'54	23°19	21°29	3°59	12°10	24° 4	12°29	21♐45	23♍11	29°39	25♈27	24° 1	0°56	n.a.	M 2
T 3	16 36 56	9°11'59	6♑58	21°39	5°13	12°51	24°11	12°34	21°43	23°11	29°40	25°20	23°58	1° 3	n.a.	T 3
W 4	16 40 53	10° 9'05	20°15	21°55	6°26	13°33	24°18	12°38	21°40	23°11	29°42	25°13	23°55	1° 9	n.a.	W 4
T 5	16 44 49	11° 6'11	3♒ 9	22°15	7°40	14°14	24°26	12°43	21°38	23°11	29°43	25° 7	23°52	1°16	n.a.	T 5
F 6	16 48 46	12° 3'17	15°43	22°41	8°54	14°55	24°33	12°48	21°36	23°11	29°44	25° 2	23°48	1°23	n.a.	F 6
S 7	16 52 43	13° 0'23	27°59	23°11	10° 7	15°36	24°40	12°53	21°33	23°D11	29°46	24°59	23°45	1°29	n.a.	S 7
S 8	16 56 39	13°57'30	10♓ 1	23°47	11°21	16°17	24°48	12°58	21°31	23°11	29°47	24°D58	23°42	1°36	n.a.	S 8
M 9	17 0 36	14°54'38	21°53	24°27	12°35	16°58	24°56	13° 3	21°28	23°11	29°49	24°58	23°39	1°43	n.a.	M 9
T 10	17 4 32	15°51'45	3♈42	25°13	13°48	17°39	25° 4	13° 8	21°26	23°11	29°50	24°59	23°36	1°49	n.a.	T 10
W11	17 8 29	16°48'54	15°33	26° 3	15° 2	18°20	25°12	13°13	21°24	23°11	29°52	25° 0	23°33	1°56	n.a.	W11
T 12	17 12 25	17°46'02	27°29	26°57	16°16	19° 1	25°20	13°18	21°21	23°11	29°53	25°R 0	23°29	2° 3	n.a.	T 12
F 13	17 16 22	18°43'12	9♉37	27°57	17°30	19°42	25°28	13°23	21°19	23°12	29°55	24°59	23°26	2° 9	n.a.	F 13
S 14	17 20 18	19°40'22	21°58	29° 1	18°44	20°22	25°36	13°29	21°16	23°12	29°56	24°56	23°23	2°16	n.a.	S 14
S 15	17 24 15	20°37'32	4♊36	0♊10	19°57	21° 3	25°45	13°34	21°14	23°12	29°58	24°50	23°20	2°23	n.a.	S 15
M16	17 28 12	21°34'43	17°31	1°23	21°11	21°44	25°53	13°40	21°12	23°12	29°59	24°43	23°17	2°29	n.a.	M16
T 17	17 32 8	22°31'55	0♋44	2°41	22°25	22°24	26° 2	13°45	21° 9	23°13	0♌ 1	24°34	23°14	2°36	n.a.	T 17
W18	17 36 5	23°29'07	14°12	4° 3	23°39	23° 5	26°11	13°51	21° 7	23°13	0° 3	24°24	23°10	2°43	n.a.	W18
T 19	17 40 1	24°26'20	27°55	5°29	24°53	23°45	26°19	13°56	21° 4	23°13	0° 5	24°15	23° 7	2°49	n.a.	T 19
F 20	17 43 58	25°23'33	11♌47	6°59	26° 7	24°26	26°28	14° 2	21° 2	23°14	0° 6	24° 7	23° 4	2°56	n.a.	F 20
S 21	17 47 54	26°20'46	25°47	8°34	27°21	25° 6	26°38	14° 8	20°59	23°14	0° 8	24° 1	23° 1	3° 3	n.a.	S 21
S 22	17 51 51	27°17'59	9♍52	10°12	28°34	25°46	26°47	14°14	20°57	23°15	0°10	23°58	22°58	3° 9	n.a.	S 22
M23	17 55 47	28°15'13	23°59	11°54	29°48	26°26	26°56	14°20	20°55	23°15	0°11	23°D56	22°54	3°16	n.a.	M23
T 24	17 59 44	29°12'27	8♎ 8	13°39	1♋ 2	27° 7	27° 5	14°26	20°52	23°16	0°13	23°57	22°51	3°23	n.a.	T 24
W25	18 3 41	0♋ 9'42	22°17	15°28	2°16	27°47	27°15	14°32	20°50	23°16	0°15	23°R57	22°48	3°29	n.a.	W25
T 26	18 7 37	1° 6'57	6♏24	17°20	3°30	28°27	27°24	14°38	20°48	23°17	0°16	23°56	22°45	3°36	n.a.	T 26
F 27	18 11 34	2° 4'13	20°28	19°14	4°44	29° 7	27°34	14°44	20°45	23°18	0°18	23°54	22°42	3°43	n.a.	F 27
S 28	18 15 30	3° 1'30	4♐27	21°11	5°58	29°47	27°44	14°50	20°43	23°18	0°20	23°49	22°39	3°49	n.a.	S 28
S 29	18 19 27	3°58'47	18°18	23°11	7°12	0♊27	27°54	14°56	20°41	23°19	0°22	23°41	22°35	3°56	n.a.	S 29
M30	18 23 23	4♋56'05	1♑56	25♊12	8♋26	1♊ 6	28♌ 4	15♌ 2	20♐38	23♍20	0♌24	23♈31	22♈32	4♈ 3	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n46	25s38	3s34	14n12	4s15	20n53	0s 3	15n15	0s12	14n56	1n20	18n51	1n39	23s41	0s14	4n23	1n48	30n47	10n36	9n59	9n26	1s32		n.a.
M 2	21 55	27 53	4 22	14 16	4 12	21 10	0 1	15 28	0 11	14 54	1 20	18 49	1 39	23 41	0 14	4 23	1 48	30 46	10 35	9 57	9 25	1 29		n.a.
T 3	22 4	28 24	4 53	14 22	4 9	21 26	0n 1	15 42	0 11	14 51	1 19	18 48	1 39	23 41	0 14	4 23	1 48	30 46	10 35	9 54	9 24	1 25		n.a.
W 4	22 13	27 13	5 7	14 31	4 4	21 41	0 4	15 55	0 10	14 48	1 19	18 46	1 39	23 41	0 14	4 23	1 48	30 46	10 35	9 52	9 23	1 22		n.a.
T 5	22 21	24 37	5 6	14 42	3 58	21 56	0 6	16 8	0 9	14 46	1 19	18 45	1 39	23 40	0 14	4 23	1 48	30 45	10 35	9 49	9 21	1 18		n.a.
F 6	22 29	20 53	4 49	14 55	3 51	22 10	0 9	16 21	0 9	14 43	1 19	18 44	1 39	23 40	0 14	4 23	1 48	30 45	10 35	9 48	9 20	1 15		n.a.
S 7	22 36	16 21	4 19	15 11	3 43	22 23	0 11	16 34	0 8	14 40	1 19	18 42	1 38	23 40	0 14	4 23	1 47	30 44	10 35	9 46	9 19	1 11		n.a.
S 8	22 43	11 16	3 39	15 28	3 34	22 36	0 13	16 46	0 7	14 38	1 19	18 41	1 38	23 40	0 15	4 23	1 47	30 44	10 35	9 46	9 18	1 8		n.a.
M 9	22 50	5 50	2 49	15 46	3 25	22 49	0 16	16 59	0 7	14 35	1 18	18 39	1 38	23 40	0 15	4 22	1 47	30 43	10 34	9 46	9 17	1 5		n.a.
T 10	22 56	0 13	1 52	16 7	3 15	23 0	0 18	17 11	0 6	14 32	1 18	18 38	1 38	23 40	0 15	4 22	1 47	30 43	10 34	9 46	9 16	1 1		n.a.
W11	23 2	5n24	0 51	16 29	3 5	23 11	0 20	17 23	0 5	14 29	1 18	18 36	1 38	23 40	0 15	4 22	1 47	30 42	10 34	9 47	9 14	0 58		n.a.
T 12	23 8	10 54	0n13	16 53	2 54	23 21	0 22	17 35	0 5	14 26	1 18	18 34	1 38	23 39	0 15	4 22	1 47	30 42	10 34	9 47	9 13	0 54		n.a.
F 13	23 13	16 5	1 18	17 17	2 42	23 31	0 25	17 47	0 4	14 23	1 18	18 33	1 38	23 39	0 15	4 22	1 47	30 41	10 34	9 47	9 12	0 51		n.a.
S 14	23 18	20 42	2 20	17 43	2 30	23 40	0 27	17 59	0 3	14 20	1 18	18 31	1 38	23 39	0 15	4 22	1 47	30 41	10 34	9 45	9 11	0 47		n.a.
S 15	23 22	24 30	3 16	18 10	2 18	23 48	0 29	18 10	0 3	14 17	1 17	18 30	1 38	23 39	0 15	4 22	1 47	30 40	10 34	9 43	9 10	0 44		n.a.
M16	23 26	27 8	4 3	18 37	2 5	23 56	0 31	18 22	0 2	14 14	1 17	18 28	1 38	23 39	0 15	4 22	1 47	30 40	10 33	9 40	9 8	0 41		n.a.
T 17	23 29	28 21	4 39	19 5	1 52	24 2	0 34	18 33	0 1	14 11	1 17	18 26	1 38	23 39	0 15	4 21	1 47	30 39	10 33	9 37	9 7	0 37		n.a.
W18	23 32	27 54	5 0	19 34	1 39	24 9	0 36	18 44	0 1	14 8	1 17	18 25	1 38	23 38	0 15	4 21	1 47	30 39	10 33	9 33	9 6	0 34		n.a.
T 19	23 35	25 45	5 4	20 2	1 26	24 14	0 38	18 55	0 0	14 5	1 17	18 23	1 38	23 38	0 15	4 21	1 47	30 38	10 33	9 30	9 5	0 30		n.a.
F 20	23 37	22 4	4 50	20 31	1 13	24 19	0 40	19 6	0n 1	14 1	1 17	18 21	1 38	23 38	0 15	4 21	1 47	30 38	10 33	9 27	9 4	0 27		n.a.
S 21	23 39	17 7	4 19	20 59	1 0	24 23	0 42	19 16	0 1	13 58	1 16	18 19	1 38	23 38	0 15	4 21	1 47	30 37	10 33	9 25	9 2	0 23		n.a.
S 22	23 40	11 13	3 32	21 27	0 47	24 26	0 44	19 26	0 2	13 55	1 16	18 18	1 37	23 38	0 15	4 20	1 47	30 37	10 33	9 24	9 1	0 20		n.a.
M23	23 41	4 45	2 33	21 54	0 34	24 28	0 46	19 37	0 3	13 52	1 16	18 16	1 37	23 38	0 15	4 20	1 47	30 36	10 33	9 23	9 0	0 17		n.a.
T 24	23 42	1s59	1 23	22 20	0 21	24 30	0 48	19 47	0 3	13 48	1 16	18 14	1 37	23 38	0 15	4 20	1 47	30 36	10 33	9 23	8 59	0 13		n.a.
W25	23 42	8 38	0 9	22 45	0 9	24 31	0 50	19 57	0 4	13 45	1 16	18 12	1 37	23 37	0 15	4 20	1 47	30 35	10 33	9 23	8 58	0 10		n.a.
T 26	23 42	14 50	1s 6	23 9	0n 3	24 31	0 52	20 6	0 5	13 41	1 16	18 10	1 37	23 37	0 15	4 19	1 46	30 35	10 32	9 23	8 57	0 6		n.a.
F 27	23 41	20 15	2 16	23 30	0 15	24 31	0 54	20 16	0 5	13 38	1 16	18 8	1 37	23 37	0 15	4 19	1 46	30 35	10 32	9 22	8 55	0 3		n.a.
S 28	23 40	24 30	3 18	23 50	0 26	24 29	0 56	20 25	0 6	13 34	1 15	18 7	1 37	23 37	0 15	4 19	1 46	30 34	10 32	9 20	8 54	0n 1		n.a.
S 29	23 38	27 16	4 7	24 8	0 36	24 28	0 57	20 34	0 7	13 31	1 15	18 5	1 37	23 37	0 15	4 18	1 46	30 34	10 32	9 18	8 53	0 4		n.a.
M30	23n36	28s22	4s41	24n23	0n46	24n25	0n59	20n44	0n 7	13n27	1n15	18n 3	1n37	23s37	0s15	4n18	1n46	30n33	10n32	9n14	8n52	0n 7		n.a.

Julian Day Number = 1712443.5, Delta T = 03h00m03s
Ecliptic obliquity = 23°42'00, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°24'06, Lahiri = - 4°17'06 Julian Calendar 1 June 25 BCE == Greg. Calendar 30 May 025 BCE

The year -24 astronomical counting style corresponds to year 025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 25 BCE
geocentric

JULY 25 BCE (-24) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 27 20	5♋53'24	15♉19	27♊14	9♋40	1♊46	28♌14	15♌ 9	20°R36	23♍21	0♌25	23°R20	22♈29	4♈ 9	n.a.	T 1
W 2	18 31 17	6°50'43	28°25	29°18	10°54	2°26	28°24	15°15	20♐34	23°21	0°27	23♈ 8	22°26	4°16	n.a.	W 2
T 3	18 35 13	7°48'04	11♒12	1♋22	12° 8	3° 6	28°34	15°21	20°31	23°22	0°29	22°57	22°23	4°23	n.a.	T 3
F 4	18 39 10	8°45'26	23°42	3°28	13°22	3°45	28°44	15°28	20°29	23°23	0°31	22°48	22°20	4°29	n.a.	F 4
S 5	18 43 6	9°42'50	5♓55	5°33	14°36	4°25	28°55	15°34	20°27	23°24	0°33	22°42	22°16	4°36	n.a.	S 5
S 6	18 47 3	10°40'14	17°56	7°38	15°50	5° 4	29° 5	15°41	20°25	23°25	0°35	22°37	22°13	4°42	n.a.	S 6
M 7	18 50 59	11°37'40	29°48	9°43	17° 4	5°44	29°16	15°48	20°22	23°26	0°36	22°35	22°10	4°49	n.a.	M 7
T 8	18 54 56	12°35'07	11♈37	11°47	18°18	6°23	29°26	15°54	20°20	23°27	0°38	22°D35	22° 7	4°56	n.a.	T 8
W 9	18 58 52	13°32'36	23°27	13°51	19°32	7° 2	29°37	16° 1	20°18	23°28	0°40	22°R35	22° 4	5° 2	n.a.	W 9
T 10	19 2 49	14°30'06	5♉25	15°54	20°47	7°42	29°48	16° 8	20°16	23°29	0°42	22°35	22° 0	5° 9	n.a.	T 10
F 11	19 6 46	15°27'37	17°35	17°55	22° 1	8°21	29°59	16°14	20°14	23°30	0°44	22°33	21°57	5°16	n.a.	F 11
S 12	19 10 42	16°25'10	0♊ 3	19°56	23°15	9° 0	0♍10	16°21	20°12	23°31	0°46	22°28	21°54	5°22	n.a.	S 12
S 13	19 14 39	17°22'45	12°51	21°55	24°29	9°39	0°21	16°28	20°10	23°32	0°48	22°21	21°51	5°29	n.a.	S 13
M14	19 18 35	18°20'21	26° 1	23°54	25°43	10°18	0°32	16°35	20° 8	23°33	0°50	22°12	21°48	5°36	n.a.	M14
T 15	19 22 32	19°17'59	9♋33	25°50	26°57	10°57	0°43	16°42	20° 6	23°34	0°52	22° 1	21°45	5°42	n.a.	T 15
W16	19 26 28	20°15'38	23°25	27°46	28°12	11°36	0°54	16°49	20° 4	23°36	0°54	21°49	21°41	5°49	n.a.	W16
T 17	19 30 25	21°13'18	7♌33	29°40	29°26	12°15	1° 6	16°56	20° 2	23°37	0°56	21°37	21°38	5°56	n.a.	T 17
F 18	19 34 21	22°11'00	21°51	1♌33	0♌40	12°54	1°17	17° 3	20° 0	23°38	0°58	21°27	21°35	6° 2	n.a.	F 18
S 19	19 38 18	23° 8'42	6♍15	3°24	1°54	13°33	1°28	17°10	19°58	23°39	0°59	21°20	21°32	6° 9	n.a.	S 19
S 20	19 42 15	24° 6'26	20°37	5°14	3° 8	14°11	1°40	17°17	19°56	23°41	1° 1	21°15	21°29	6°16	n.a.	S 20
M21	19 46 11	25° 4'12	4♎56	7° 2	4°23	14°50	1°51	17°24	19°54	23°42	1° 3	21°13	21°26	6°22	n.a.	M21
T 22	19 50 8	26° 1'58	19° 7	8°49	5°37	15°29	2° 3	17°31	19°52	23°43	1° 5	21°12	21°22	6°29	n.a.	T 22
W23	19 54 4	26°59'46	3♏11	10°35	6°51	16° 7	2°15	17°38	19°50	23°45	1° 7	21°12	21°19	6°36	n.a.	W23
T 24	19 58 1	27°57'34	17° 5	12°19	8° 5	16°46	2°26	17°45	19°49	23°46	1° 9	21°11	21°16	6°42	n.a.	T 24
F 25	20 1 57	28°55'25	0♐51	14° 1	9°20	17°24	2°38	17°52	19°47	23°48	1°11	21° 8	21°13	6°49	n.a.	F 25
S 26	20 5 54	29°53'16	14°27	15°43	10°34	18° 2	2°50	17°59	19°45	23°49	1°13	21° 3	21°10	6°55	n.a.	S 26
S 27	20 9 50	0♌51'10	27°53	17°23	11°48	18°41	3° 2	18° 7	19°44	23°51	1°15	20°55	21° 6	7° 2	n.a.	S 27
M28	20 13 47	1°49'04	11♉ 8	19° 2	13° 2	19°19	3°14	18°14	19°42	23°52	1°17	20°44	21° 3	7° 9	n.a.	M28
T 29	20 17 44	2°47'00	24°10	20°39	14°17	19°57	3°26	18°21	19°41	23°54	1°19	20°32	21° 0	7°15	n.a.	T 29
W30	20 21 40	3°44'58	6♒59	22°15	15°31	20°35	3°38	18°28	19°39	23°55	1°21	20°19	20°57	7°22	n.a.	W30
T 31	20 25 37	4♌42'57	19♒33	23♌50	16♌45	21♊13	3♍50	18♌36	19♐38	23♍57	1♌23	20♈ 7	20♈54	7♈29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n34	27s45	4s59	24n36	0n56	24n21	1n 1	20n52	0n 8	13n23	1n15	18n 1	1n37	23s36	0s15	4n18	1n46	30n33	10n32	9n10	8n51	0n11		n.a.	T 1
W 2	23 31	25 36	5 0	24 46	1 4	24 17	1 3	21 1	0 9	13 20	1 15	17 59	1 37	23 36	0 15	4 17	1 46	30 32	10 32	9 5	8 49	0 14		n.a.	W 2
T 3	23 28	22 11	4 47	24 53	1 12	24 12	1 4	21 10	0 9	13 16	1 15	17 57	1 37	23 36	0 15	4 17	1 46	30 32	10 32	9 1	8 48	0 18		n.a.	T 3
F 4	23 24	17 50	4 19	24 58	1 19	24 7	1 6	21 18	0 10	13 12	1 15	17 55	1 37	23 36	0 15	4 16	1 46	30 31	10 32	8 58	8 47	0 21		n.a.	F 4
S 5	23 20	12 51	3 41	25 0	1 25	24 0	1 7	21 26	0 11	13 8	1 15	17 53	1 37	23 36	0 15	4 16	1 46	30 31	10 32	8 55	8 46	0 25		n.a.	S 5
S 6	23 16	7 28	2 53	24 59	1 30	23 53	1 9	21 34	0 12	13 5	1 14	17 51	1 37	23 36	0 15	4 16	1 46	30 30	10 32	8 54	8 45	0 28		n.a.	S 6
M 7	23 11	1 53	1 58	24 55	1 35	23 45	1 10	21 42	0 12	13 1	1 14	17 49	1 37	23 35	0 15	4 15	1 46	30 30	10 32	8 53	8 43	0 32		n.a.	M 7
T 8	23 6	3n45	0 58	24 49	1 39	23 37	1 12	21 49	0 13	12 57	1 14	17 47	1 37	23 35	0 15	4 15	1 46	30 29	10 32	8 53	8 42	0 35		n.a.	T 8
W 9	23 0	9 17	0n 5	24 40	1 42	23 28	1 13	21 57	0 14	12 53	1 14	17 45	1 37	23 35	0 15	4 14	1 46	30 29	10 32	8 53	8 41	0 38		n.a.	W 9
T 10	22 54	14 32	1 8	24 28	1 45	23 18	1 14	22 4	0 14	12 49	1 14	17 43	1 37	23 35	0 15	4 14	1 46	30 28	10 32	8 53	8 40	0 42		n.a.	T 10
F 11	22 48	19 19	2 8	24 14	1 46	23 7	1 15	22 11	0 15	12 45	1 14	17 41	1 37	23 35	0 15	4 13	1 46	30 28	10 32	8 52	8 39	0 45		n.a.	F 11
S 12	22 41	23 23	3 4	23 58	1 47	22 56	1 16	22 18	0 16	12 41	1 14	17 39	1 37	23 35	0 15	4 13	1 46	30 28	10 32	8 50	8 37	0 49		n.a.	S 12
S 13	22 33	26 26	3 53	23 40	1 48	22 44	1 18	22 25	0 17	12 37	1 14	17 37	1 37	23 35	0 15	4 12	1 46	30 27	10 32	8 48	8 36	0 52		n.a.	S 13
M14	22 26	28 8	4 30	23 20	1 48	22 31	1 19	22 31	0 17	12 33	1 13	17 34	1 37	23 34	0 15	4 12	1 46	30 27	10 32	8 44	8 35	0 56		n.a.	M14
T 15	22 18	28 14	4 53	22 57	1 47	22 18	1 20	22 38	0 18	12 29	1 13	17 32	1 37	23 34	0 15	4 11	1 45	30 26	10 32	8 40	8 34	0 59		n.a.	T 15
W16	22 9	26 34	5 0	22 33	1 45	22 4	1 20	22 44	0 19	12 25	1 13	17 30	1 37	23 34	0 15	4 11	1 45	30 26	10 32	8 35	8 33	1 2		n.a.	W16
T 17	22 0	23 14	4 49	22 7	1 43	21 49	1 21	22 50	0 19	12 21	1 13	17 28	1 37	23 34	0 15	4 10	1 45	30 25	10 32	8 31	8 31	1 6		n.a.	T 17
F 18	21 51	18 28	4 20	21 40	1 41	21 34	1 22	22 56	0 20	12 16	1 13	17 26	1 37	23 34	0 15	4 10	1 45	30 25	10 32	8 27	8 30	1 9		n.a.	F 18
S 19	21 41	12 37	3 34	21 12	1 38	21 18	1 23	23 1	0 21	12 12	1 13	17 24	1 37	23 34	0 15	4 9	1 45	30 24	10 32	8 24	8 29	1 13		n.a.	S 19
S 20	21 31	6 7	2 34	20 42	1 34	21 1	1 23	23 7	0 22	12 8	1 13	17 22	1 37	23 34	0 15	4 9	1 45	30 24	10 32	8 23	8 28	1 16		n.a.	S 20
M21	21 21	0s41	1 25	20 10	1 31	20 44	1 24	23 12	0 22	12 4	1 13	17 19	1 37	23 33	0 15	4 8	1 45	30 24	10 32	8 22	8 27	1 20		n.a.	M21
T 22	21 10	7 24	0 11	19 38	1 26	20 26	1 25	23 17	0 23	11 59	1 13	17 17	1 37	23 33	0 15	4 7	1 45	30 23	10 32	8 22	8 25	1 23		n.a.	T 22
W23	20 59	13 41	1s 3	19 5	1 22	20 8	1 25	23 22	0 24	11 55	1 13	17 15	1 37	23 33	0 15	4 7	1 45	30 23	10 32	8 22	8 24	1 27		n.a.	W23
T 24	20 48	19 14	2 12	18 31	1 17	19 49	1 26	23 26	0 24	11 51	1 13	17 13	1 37	23 33	0 15	4 6	1 45	30 22	10 32	8 21	8 23	1 30		n.a.	T 24
F 25	20 36	23 42	3 13	17 56	1 11	19 30	1 26	23 31	0 25	11 46	1 12	17 11	1 37	23 33	0 15	4 6	1 45	30 22	10 32	8 20	8 22	1 33		n.a.	F 25
S 26	20 24	26 47	4 2	17 20	1 5	19 10	1 26	23 35	0 26	11 42	1 12	17 8	1 37	23 33	0 15	4 5	1 45	30 21	10 32	8 18	8 21	1 37		n.a.	S 26
S 27	20 11	28 18	4 37	16 44	1 0	18 49	1 26	23 39	0 27	11 38	1 12	17 6	1 37	23 33	0 15	4 4	1 45	30 21	10 32	8 15	8 19	1 40		n.a.	S 27
M28	19 58	28 9	4 57	16 7	0 53	18 28	1 27	23 43	0 27	11 33	1 12	17 4	1 37	23 32	0 15	4 4	1 45	30 21	10 32	8 11	8 18	1 44		n.a.	M28
T 29	19 45	26 26	5 0	15 30	0 47	18 6	1 27	23 47	0 28	11 29	1 12	17 2	1 37	23 32	0 15	4 3	1 45	30 20	10 32	8 6	8 17	1 47		n.a.	T 29
W30	19 31	23 22	4 48	14 52	0 40	17 44	1 27	23 51	0 29	11 24	1 12	16 59	1 37	23 32	0 15	4 2	1 45	30 20	10 33	8 1	8 16	1 51		n.a.	W30
T 31	19n18	19s16	4s23	14n14	0n33	17n22	1n27	23n54	0n30	11n20	1n12	16n57	1n37	23s32	0s15	4n 2	1n45	30n20	10n33	7n57	8n15	1n54		n.a.	T 31

Julian Day Number = 1712473.5, Delta T = 03h00m02s
Ecliptic obliquity = 23°42'00, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°24'02, Lahiri = - 4°17'02 Julian Calendar 1 July 25 BCE == Greg. Calendar 29 June 025 BCE

The year -24 astronomical counting style corresponds to year 025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 25 BCE
geocentric

AUGUST 25 BCE (-24) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 29 33	5♌40'59	1♓53	25♌23	18♌ 0	21♊51	4♍ 2	18♌43	19°R36	23♍59	1♌25	19°R57	20♈51	7♈35	n.a.	F 1
S 2	20 33 30	6°39'02	14° 1	26°56	19°14	22°29	4°14	18°50	19♐35	24° 0	1°27	19♈50	20°47	7°42	n.a.	S 2
S 3	20 37 26	7°37'06	25°58	28°27	20°28	23° 7	4°26	18°58	19°33	24° 2	1°29	19°45	20°44	7°49	n.a.	S 3
M 4	20 41 23	8°35'13	7♈48	29°56	21°43	23°45	4°39	19° 5	19°32	24° 3	1°31	19°42	20°41	7°55	n.a.	M 4
T 5	20 45 19	9°33'22	19°35	1♍24	22°57	24°23	4°51	19°13	19°31	24° 5	1°33	19°D42	20°38	8° 2	n.a.	T 5
W 6	20 49 16	10°31'33	1♉24	2°51	24°11	25° 0	5° 3	19°20	19°30	24° 7	1°35	19°42	20°35	8° 9	n.a.	W 6
T 7	20 53 13	11°29'47	13°21	4°17	25°25	25°38	5°16	19°27	19°28	24° 9	1°37	19°R42	20°32	8°15	n.a.	T 7
F 8	20 57 9	12°28'02	25°31	5°41	26°40	26°16	5°28	19°35	19°27	24°10	1°39	19°41	20°28	8°22	n.a.	F 8
S 9	21 1 6	13°26'20	7♊59	7° 4	27°54	26°53	5°41	19°42	19°26	24°12	1°41	19°38	20°25	8°29	n.a.	S 9
S 10	21 5 2	14°24'39	20°50	8°25	29° 9	27°31	5°53	19°50	19°25	24°14	1°43	19°33	20°22	8°35	n.a.	S 10
M11	21 8 59	15°23'01	4♋ 6	9°45	0♍23	28° 8	6° 6	19°57	19°24	24°16	1°44	19°26	20°19	8°42	n.a.	M11
T 12	21 12 55	16°21'25	17°48	11° 4	1°37	28°45	6°18	20° 5	19°23	24°18	1°46	19°17	20°16	8°49	n.a.	T 12
W13	21 16 52	17°19'51	1♌56	12°21	2°52	29°23	6°31	20°12	19°22	24°20	1°48	19° 7	20°12	8°55	n.a.	W13
T 14	21 20 48	18°18'20	16°23	13°36	4° 6	29°59	6°44	20°19	19°21	24°21	1°50	18°58	20° 9	9° 2	n.a.	T 14
F 15	21 24 45	19°16'50	1♍ 5	14°50	5°20	0♋37	6°56	20°27	19°20	24°23	1°52	18°49	20° 6	9° 8	n.a.	F 15
S 16	21 28 42	20°15'22	15°53	16° 1	6°35	1°14	7° 9	20°34	19°20	24°25	1°54	18°43	20° 3	9°15	n.a.	S 16
S 17	21 32 38	21°13'55	0♎40	17°11	7°49	1°51	7°22	20°42	19°19	24°27	1°56	18°40	20° 0	9°22	n.a.	S 17
M18	21 36 35	22°12'31	15°18	18°19	9° 3	2°28	7°35	20°49	19°18	24°29	1°58	18°D38	19°57	9°28	n.a.	M18
T 19	21 40 31	23°11'08	29°43	19°25	10°18	3° 5	7°47	20°57	19°18	24°31	2° 0	18°39	19°53	9°35	n.a.	T 19
W20	21 44 28	24° 9'48	13♏53	20°29	11°32	3°41	8° 0	21° 4	19°17	24°33	2° 1	18°39	19°50	9°42	n.a.	W20
T 21	21 48 24	25° 8'29	27°46	21°31	12°46	4°18	8°13	21°12	19°16	24°35	2° 3	18°R40	19°47	9°48	n.a.	T 21
F 22	21 52 21	26° 7'11	11♐23	22°30	14° 1	4°55	8°26	21°19	19°16	24°37	2° 5	18°39	19°44	9°55	n.a.	F 22
S 23	21 56 17	27° 5'56	24°45	23°26	15°15	5°31	8°39	21°27	19°15	24°39	2° 7	18°35	19°41	10° 2	n.a.	S 23
S 24	22 0 14	28° 4'42	7♑52	24°19	16°29	6° 8	8°52	21°34	19°15	24°41	2° 9	18°30	19°38	10° 8	n.a.	S 24
M25	22 4 11	29° 3'31	20°47	25°10	17°44	6°44	9° 5	21°41	19°15	24°43	2°11	18°23	19°34	10°15	n.a.	M25
T 26	22 8 7	0♍ 2'21	3♒28	25°56	18°58	7°21	9°18	21°49	19°14	24°45	2°12	18°14	19°31	10°22	n.a.	T 26
W27	22 12 4	1° 1'13	15°58	26°40	20°12	7°57	9°30	21°56	19°14	24°47	2°14	18° 5	19°28	10°28	n.a.	W27
T 28	22 16 0	2° 0'07	28°17	27°19	21°27	8°33	9°43	22° 4	19°14	24°49	2°16	17°57	19°25	10°35	n.a.	T 28
F 29	22 19 57	2°59'03	10♓26	27°54	22°41	9° 9	9°56	22°11	19°14	24°52	2°18	17°50	19°22	10°42	n.a.	F 29
S 30	22 23 53	3°58'01	22°25	28°24	23°55	9°45	10° 9	22°18	19°14	24°54	2°19	17°45	19°18	10°48	n.a.	S 30
S 31	22 27 50	4♍57'02	4♈17	28♍50	25♍10	10♋21	10♍22	22♌26	19°D14	24♍56	2♌21	17♈42	19♈15	10♈55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n 3	14s25	3s45	13n36	0n26	16n58	1n26	23n57	0n30	11n15	1n12	16n55	1n37	23s32	0s15	4n 1	1n45	30n19	10n33	7n53	8n13	1n58		n.a.
S 2	18 49	9 5	2 57	12 57	0 18	16 35	1 26	24 0	0 31	11 11	1 12	16 52	1 37	23 32	0 15	4 0	1 45	30 19	10 33	7 50	8 12	2 1		n.a.
S 3	18 34	3 30	2 3	12 19	0 11	16 11	1 26	24 3	0 32	11 6	1 12	16 50	1 37	23 32	0 15	4 0	1 45	30 18	10 33	7 48	8 11	2 4		n.a.
M 4	18 19	2n10	1 3	11 40	0 3	15 46	1 26	24 6	0 33	11 1	1 12	16 48	1 37	23 32	0 15	3 59	1 45	30 18	10 33	7 47	8 10	2 8		n.a.
T 5	18 3	7 44	0 1	11 1	0s 5	15 22	1 25	24 8	0 33	10 57	1 12	16 46	1 37	23 32	0 15	3 58	1 45	30 18	10 33	7 47	8 9	2 11		n.a.
W 6	17 47	13 3	1n 2	10 22	0 13	14 56	1 25	24 10	0 34	10 52	1 12	16 43	1 37	23 31	0 15	3 58	1 45	30 17	10 33	7 47	8 7	2 15		n.a.
T 7	17 31	17 58	2 3	9 43	0 21	14 31	1 24	24 13	0 35	10 48	1 12	16 41	1 37	23 31	0 15	3 57	1 45	30 17	10 33	7 47	8 6	2 18		n.a.
F 8	17 15	22 14	2 59	9 4	0 29	14 4	1 24	24 14	0 36	10 43	1 12	16 39	1 37	23 31	0 15	3 56	1 45	30 17	10 34	7 47	8 5	2 22		n.a.
S 9	16 58	25 38	3 48	8 26	0 38	13 38	1 23	24 16	0 36	10 38	1 12	16 36	1 37	23 31	0 15	3 55	1 44	30 16	10 34	7 46	8 4	2 25		n.a.
S 10	16 41	27 49	4 27	7 47	0 46	13 11	1 23	24 18	0 37	10 33	1 11	16 34	1 37	23 31	0 15	3 55	1 44	30 16	10 34	7 44	8 2	2 28		n.a.
M11	16 24	28 31	4 53	7 9	0 55	12 44	1 22	24 19	0 38	10 29	1 11	16 32	1 37	23 31	0 15	3 54	1 44	30 16	10 34	7 41	8 1	2 32		n.a.
T 12	16 6	27 31	5 4	6 31	1 3	12 16	1 21	24 20	0 39	10 24	1 11	16 29	1 37	23 31	0 15	3 53	1 44	30 15	10 34	7 38	8 0	2 35		n.a.
W13	15 49	24 45	4 57	5 54	1 12	11 48	1 20	24 21	0 39	10 19	1 11	16 27	1 37	23 31	0 15	3 52	1 44	30 15	10 34	7 34	7 59	2 39		n.a.
T 14	15 30	20 23	4 30	5 17	1 20	11 20	1 19	24 22	0 40	10 14	1 11	16 24	1 37	23 31	0 15	3 52	1 44	30 15	10 34	7 30	7 58	2 42		n.a.
F 15	15 12	14 43	3 46	4 40	1 29	10 52	1 18	24 23	0 41	10 10	1 11	16 22	1 38	23 31	0 15	3 51	1 44	30 14	10 35	7 27	7 56	2 46		n.a.
S 16	14 54	8 10	2 46	4 4	1 38	10 23	1 17	24 23	0 42	10 5	1 11	16 20	1 38	23 31	0 15	3 50	1 44	30 14	10 35	7 25	7 55	2 49		n.a.
S 17	14 35	1 11	1 35	3 29	1 46	9 54	1 16	24 24	0 43	10 0	1 11	16 17	1 38	23 31	0 15	3 49	1 44	30 14	10 35	7 23	7 54	2 53		n.a.
M18	14 16	5s49	0 18	2 55	1 55	9 25	1 15	24 24	0 43	9 55	1 11	16 15	1 38	23 31	0 15	3 48	1 44	30 14	10 35	7 23	7 53	2 56		n.a.
T 19	13 56	12 25	0s59	2 21	2 3	8 55	1 13	24 24	0 44	9 50	1 11	16 13	1 38	23 30	0 15	3 48	1 44	30 13	10 35	7 23	7 52	2 59		n.a.
W20	13 37	18 16	2 11	1 48	2 12	8 25	1 12	24 24	0 45	9 45	1 11	16 10	1 38	23 30	0 15	3 47	1 44	30 13	10 35	7 23	7 50	3 3		n.a.
T 21	13 17	23 2	3 14	1 16	2 20	7 55	1 10	24 23	0 46	9 41	1 11	16 8	1 38	23 30	0 15	3 46	1 44	30 13	10 36	7 23	7 49	3 6		n.a.
F 22	12 57	26 26	4 5	0 45	2 28	7 25	1 9	24 23	0 47	9 36	1 11	16 6	1 38	23 30	0 15	3 45	1 44	30 12	10 36	7 23	7 48	3 10		n.a.
S 23	12 37	28 17	4 41	0 15	2 36	6 55	1 8	24 22	0 47	9 31	1 11	16 3	1 38	23 30	0 15	3 44	1 44	30 12	10 36	7 22	7 47	3 13		n.a.
S 24	12 16	28 29	5 2	0s13	2 43	6 24	1 6	24 21	0 48	9 26	1 11	16 1	1 38	23 30	0 15	3 43	1 44	30 12	10 36	7 20	7 46	3 17		n.a.
M25	11 56	27 8	5 7	0 40	2 51	5 53	1 4	24 20	0 49	9 21	1 11	15 59	1 38	23 30	0 15	3 43	1 44	30 12	10 36	7 17	7 44	3 20		n.a.
T 26	11 35	24 23	4 56	1 5	2 58	5 22	1 3	24 19	0 50	9 16	1 11	15 56	1 38	23 30	0 15	3 42	1 44	30 11	10 37	7 14	7 43	3 23		n.a.
W27	11 14	20 32	4 32	1 29	3 5	4 51	1 1	24 18	0 51	9 11	1 11	15 54	1 38	23 30	0 15	3 41	1 44	30 11	10 37	7 10	7 42	3 27		n.a.
T 28	10 53	15 52	3 55	1 50	3 11	4 20	0 59	24 16	0 51	9 6	1 11	15 52	1 38	23 30	0 15	3 40	1 44	30 11	10 37	7 7	7 41	3 30		n.a.
F 29	10 31	10 38	3 8	2 10	3 17	3 48	0 57	24 15	0 52	9 1	1 11	15 49	1 39	23 30	0 15	3 39	1 44	30 11	10 37	7 4	7 39	3 34		n.a.
S 30	10 10	5 4	2 13	2 27	3 23	3 17	0 55	24 13	0 53	8 56	1 11	15 47	1 39	23 30	0 15	3 38	1 44	30 11	10 37	7 2	7 38	3 37		n.a.
S 31	9n48	0n37	1s12	2s42	3s28	2n45	0n53	24n11	0n54	8n51	1n11	15n44	1n39	23s30	0s15	3n37	1n44	30n10	10n38	7n 1	7n37	3n41		n.a.

Julian Day Number = 1712504.5, Delta T = 03h00m01s
Ecliptic obliquity = 23°42'01, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°23'58, Lahiri = - 4°16'58 Julian Calendar 1 Aug. 25 BCE == Greg. Calendar 30 July 025 BCE

The year -24 astronomical counting style corresponds to year 025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 25 BCE
geocentric

SEPTEMBER 25 BCE (-24) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 31 46	5♍56'04	16♈ 5	29♍10	26♍24	10♋57	10♍35	22♌33	19♐14	24♍58	2♌23	17°D41	19♈12	11♈ 1	n.a.	M 1
T 2	22 35 43	6°55'09	27°51	29°24	27°38	11°33	10°48	22°40	19°14	25° 0	2°25	17♈41	19° 9	11° 8	n.a.	T 2
W 3	22 39 39	7°54'17	9♉40	29°32	28°53	12° 9	11° 2	22°48	19°14	25° 2	2°26	17°43	19° 6	11°15	n.a.	W 3
T 4	22 43 36	8°53'27	21°37	29°R33	0♎ 7	12°45	11°15	22°55	19°14	25° 4	2°28	17°44	19° 3	11°21	n.a.	T 4
F 5	22 47 33	9°52'39	3♊45	29°27	1°21	13°20	11°28	23° 2	19°14	25° 7	2°30	17°45	18°59	11°28	n.a.	F 5
S 6	22 51 29	10°51'54	16°10	29°14	2°35	13°56	11°41	23° 9	19°14	25° 9	2°31	17°R45	18°56	11°35	n.a.	S 6
S 7	22 55 26	11°51'11	28°57	28°53	3°50	14°31	11°54	23°17	19°15	25°11	2°33	17°44	18°53	11°41	n.a.	S 7
M 8	22 59 22	12°50'30	12♋10	28°23	5° 4	15° 7	12° 7	23°24	19°15	25°13	2°34	17°41	18°50	11°48	n.a.	M 8
T 9	23 3 19	13°49'52	25°51	27°46	6°18	15°42	12°20	23°31	19°16	25°15	2°36	17°37	18°47	11°55	n.a.	T 9
W10	23 7 15	14°49'17	10♌ 0	27° 1	7°32	16°17	12°33	23°38	19°16	25°18	2°37	17°32	18°43	12° 1	n.a.	W10
T 11	23 11 12	15°48'43	24°34	26° 9	8°47	16°53	12°46	23°45	19°17	25°20	2°39	17°27	18°40	12° 8	n.a.	T 11
F 12	23 15 8	16°48'12	9♍27	25° 9	10° 1	17°28	12°59	23°52	19°17	25°22	2°41	17°23	18°37	12°15	n.a.	F 12
S 13	23 19 5	17°47'43	24°32	24° 4	11°15	18° 3	13°12	23°59	19°18	25°24	2°42	17°20	18°34	12°21	n.a.	S 13
S 14	23 23 2	18°47'16	9♎39	22°55	12°29	18°37	13°25	24° 6	19°18	25°27	2°44	17°18	18°31	12°28	n.a.	S 14
M15	23 26 58	19°46'51	24°38	21°43	13°44	19°12	13°38	24°13	19°19	25°29	2°45	17°D18	18°28	12°35	n.a.	M15
T 16	23 30 55	20°46'28	9♏23	20°30	14°58	19°47	13°51	24°20	19°20	25°31	2°46	17°19	18°24	12°41	n.a.	T 16
W17	23 34 51	21°46'07	23°49	19°18	16°12	20°22	14° 4	24°27	19°21	25°33	2°48	17°21	18°21	12°48	n.a.	W17
T 18	23 38 48	22°45'48	7♐52	18°10	17°26	20°56	14°17	24°34	19°22	25°35	2°49	17°22	18°18	12°54	n.a.	T 18
F 19	23 42 44	23°45'30	21°32	17° 6	18°40	21°30	14°30	24°41	19°23	25°38	2°51	17°R23	18°15	13° 1	n.a.	F 19
S 20	23 46 41	24°45'15	4♑50	16°11	19°55	22° 5	14°43	24°48	19°24	25°40	2°52	17°23	18°12	13° 8	n.a.	S 20
S 21	23 50 37	25°45'01	17°49	15°23	21° 9	22°39	14°56	24°55	19°25	25°42	2°53	17°21	18° 9	13°14	n.a.	S 21
M22	23 54 34	26°44'49	0♒30	14°46	22°23	23°13	15° 9	25° 1	19°26	25°44	2°55	17°19	18° 5	13°21	n.a.	M22
T 23	23 58 31	27°44'39	12°57	14°20	23°37	23°47	15°22	25° 8	19°27	25°47	2°56	17°16	18° 2	13°28	n.a.	T 23
W24	0 2 27	28°44'30	25°12	14° 5	24°51	24°21	15°35	25°15	19°28	25°49	2°57	17°13	17°59	13°34	n.a.	W24
T 25	0 6 24	29°44'24	7♓17	14°D 1	26° 5	24°55	15°48	25°21	19°29	25°51	2°58	17°10	17°56	13°41	n.a.	T 25
F 26	0 10 20	0♎44'19	19°15	14° 9	27°19	25°29	16° 1	25°28	19°30	25°53	3° 0	17° 8	17°53	13°48	n.a.	F 26
S 27	0 14 17	1°44'16	1♈ 7	14°27	28°33	26° 2	16°13	25°34	19°32	25°56	3° 1	17° 6	17°49	13°54	n.a.	S 27
S 28	0 18 13	2°44'16	12°56	14°55	29°48	26°36	16°26	25°41	19°33	25°58	3° 2	17°D 5	17°46	14° 1	n.a.	S 28
M29	0 22 10	3°44'17	24°43	15°33	1♏ 2	27° 9	16°39	25°47	19°35	26° 0	3° 3	17° 6	17°43	14° 8	n.a.	M29
T 30	0 26 6	4♎44'20	6♉31	16♍19	2♏16	27♋43	16♍52	25♌54	19♐36	26♍ 2	3♌ 4	17♈ 6	17♈40	14♈14	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	9n26	6n16	0s 9	2s54	3s32	2n14	0n51	24n 9	0n55	8n46	1n11	15n42	1n39	23s30	0s15	3n37	1n44	30n10	10n38	7n 1	7n36	3n44		n.a.
T 2	9 4	11 41	0n55	3 2	3 35	1 42	0 49	24 7	0 55	8 41	1 11	15 40	1 39	23 30	0 15	3 36	1 44	30 10	10 38	7 1	7 35	3 48		n.a.
W 3	8 42	16 43	1 57	3 8	3 37	1 10	0 47	24 4	0 56	8 36	1 11	15 37	1 39	23 30	0 15	3 35	1 44	30 10	10 38	7 1	7 33	3 51		n.a.
T 4	8 19	21 10	2 54	3 10	3 39	0 38	0 45	24 2	0 57	8 31	1 11	15 35	1 39	23 30	0 15	3 34	1 44	30 10	10 39	7 2	7 32	3 54		n.a.
F 5	7 57	24 49	3 45	3 7	3 39	0 7	0 43	23 59	0 58	8 26	1 11	15 33	1 39	23 30	0 15	3 33	1 44	30 10	10 39	7 2	7 31	3 58		n.a.
S 6	7 34	27 23	4 26	3 1	3 38	0s25	0 41	23 56	0 59	8 21	1 11	15 31	1 39	23 30	0 15	3 32	1 44	30 9	10 39	7 3	7 30	4 1		n.a.
S 7	7 12	28 38	4 56	2 50	3 36	0 57	0 38	23 53	1 0	8 16	1 11	15 28	1 39	23 30	0 15	3 31	1 44	30 9	10 39	7 2	7 28	4 5		n.a.
M 8	6 49	28 18	5 11	2 35	3 32	1 29	0 36	23 50	1 1	8 11	1 11	15 26	1 40	23 30	0 15	3 30	1 44	30 9	10 40	7 1	7 27	4 8		n.a.
T 9	6 26	26 16	5 9	2 15	3 26	2 1	0 34	23 47	1 1	8 6	1 11	15 24	1 40	23 30	0 15	3 29	1 44	30 9	10 40	6 59	7 26	4 12		n.a.
W10	6 2	22 34	4 49	1 50	3 19	2 33	0 31	23 43	1 2	8 1	1 11	15 21	1 40	23 30	0 15	3 29	1 44	30 9	10 40	6 57	7 25	4 15		n.a.
T 11	5 39	17 23	4 10	1 20	3 9	3 5	0 29	23 40	1 3	7 56	1 11	15 19	1 40	23 30	0 15	3 28	1 44	30 9	10 41	6 55	7 24	4 18		n.a.
F 12	5 16	11 5	3 13	0 46	2 58	3 36	0 26	23 36	1 4	7 51	1 11	15 17	1 40	23 30	0 15	3 27	1 44	30 9	10 41	6 54	7 22	4 22		n.a.
S 13	4 52	4 3	2 2	0 8	2 44	4 8	0 24	23 32	1 5	7 46	1 11	15 15	1 40	23 30	0 15	3 26	1 44	30 9	10 41	6 53	7 21	4 25		n.a.
S 14	4 29	3s13	0 42	0n34	2 29	4 40	0 21	23 28	1 6	7 41	1 11	15 12	1 40	23 30	0 15	3 25	1 44	30 9	10 41	6 52	7 20	4 29		n.a.
M15	4 5	10 16	0s40	1 18	2 12	5 11	0 19	23 24	1 7	7 36	1 11	15 10	1 40	23 31	0 15	3 24	1 44	30 8	10 42	6 52	7 19	4 32		n.a.
T 16	3 42	16 39	1 59	2 4	1 54	5 43	0 16	23 20	1 7	7 31	1 11	15 8	1 41	23 31	0 15	3 23	1 44	30 8	10 42	6 52	7 18	4 35		n.a.
W17	3 18	21 57	3 8	2 50	1 34	6 14	0 13	23 16	1 8	7 26	1 11	15 6	1 41	23 31	0 15	3 22	1 44	30 8	10 42	6 53	7 16	4 39		n.a.
T 18	2 54	25 52	4 3	3 36	1 14	6 45	0 11	23 11	1 9	7 21	1 11	15 3	1 41	23 31	0 15	3 21	1 44	30 8	10 43	6 54	7 15	4 42		n.a.
F 19	2 30	28 9	4 44	4 19	0 54	7 16	0 8	23 7	1 10	7 16	1 11	15 1	1 41	23 31	0 15	3 21	1 44	30 8	10 43	6 54	7 14	4 46		n.a.
S 20	2 6	28 44	5 8	5 0	0 33	7 47	0 5	23 2	1 11	7 11	1 11	14 59	1 41	23 31	0 15	3 20	1 44	30 8	10 43	6 54	7 13	4 49		n.a.
S 21	1 42	27 42	5 15	5 37	0 13	8 18	0 3	22 57	1 12	7 6	1 12	14 57	1 41	23 31	0 15	3 19	1 44	30 8	10 44	6 53	7 11	4 53		n.a.
M22	1 18	25 15	5 7	6 9	0n 6	8 48	0s 0	22 52	1 13	7 1	1 12	14 55	1 41	23 31	0 15	3 18	1 44	30 8	10 44	6 52	7 10	4 56		n.a.
T 23	0 54	21 39	4 44	6 36	0 24	9 19	0 3	22 47	1 14	6 56	1 12	14 53	1 42	23 31	0 15	3 17	1 44	30 8	10 44	6 51	7 9	4 59		n.a.
W24	0 30	17 10	4 9	6 58	0 41	9 49	0 6	22 42	1 15	6 51	1 12	14 50	1 42	23 31	0 15	3 16	1 44	30 8	10 45	6 50	7 8	5 3		n.a.
T 25	0 6	12 3	3 23	7 13	0 57	10 19	0 8	22 37	1 16	6 46	1 12	14 48	1 42	23 31	0 15	3 15	1 44	30 8	10 45	6 49	7 7	5 6		n.a.
F 26	0s18	6 34	2 28	7 23	1 10	10 48	0 11	22 32	1 16	6 41	1 12	14 46	1 42	23 31	0 15	3 14	1 44	30 8	10 45	6 48	7 5	5 10		n.a.
S 27	0 42	0 53	1 27	7 27	1 23	11 18	0 14	22 26	1 17	6 36	1 12	14 44	1 42	23 31	0 15	3 13	1 44	30 8	10 46	6 47	7 4	5 13		n.a.
S 28	1 6	4n48	0 23	7 26	1 33	11 47	0 17	22 21	1 18	6 31	1 12	14 42	1 42	23 32	0 15	3 12	1 44	30 8	10 46	6 47	7 3	5 17		n.a.
M29	1 30	10 20	0n42	7 20	1 42	12 16	0 20	22 15	1 19	6 26	1 12	14 40	1 43	23 32	0 15	3 12	1 44	30 8	10 46	6 47	7 2	5 20		n.a.
T 30	1s54	15n30	1n46	7n 9	1n50	12s44	0s22	22n 9	1n20	6n21	1n12	14n38	1n43	23s32	0s15	3n11	1n44	30n 8	10n47	6n47	7n 0	5n23		n.a.

Julian Day Number = 1712535.5, Delta T = 03h00m00s
Ecliptic obliquity = 23°42'02, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°23'54, Lahiri = - 4°16'53 Julian Calendar 1 Sept. 25 BCE == Greg. Calendar 30 Aug. 025 BCE

The year -24 astronomical counting style corresponds to year 025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 25 BCE
geocentric

OCTOBER 25 BCE (-24) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 30 3	5♎44'26	18♉23	17♍12	3♏30	28♋16	17♍ 4	26♌ 0	19♐38	26♍ 5	3♌ 5	17♈ 7	17♈37	14♈21	n.a.	W 1
T 2	0 33 59	6°44'34	0♊23	18°12	4°44	28°49	17°17	26° 6	19°39	26° 7	3° 6	17° 8	17°34	14°27	n.a.	T 2
F 3	0 37 56	7°44'44	12°32	19°19	5°58	29°22	17°30	26°13	19°41	26° 9	3° 7	17° 9	17°30	14°34	n.a.	F 3
S 4	0 41 53	8°44'56	24°57	20°30	7°12	29°55	17°42	26°19	19°42	26°11	3° 8	17°10	17°27	14°41	n.a.	S 4
S 5	0 45 49	9°45'10	7♋40	21°46	8°26	0♌28	17°55	26°25	19°44	26°13	3° 9	17°R10	17°24	14°47	n.a.	S 5
M 6	0 49 46	10°45'26	20°46	23° 5	9°40	1° 0	18° 8	26°31	19°46	26°16	3°10	17°10	17°21	14°54	n.a.	M 6
T 7	0 53 42	11°45'45	4♌17	24°28	10°54	1°33	18°20	26°37	19°48	26°18	3°11	17°10	17°18	15° 1	n.a.	T 7
W 8	0 57 39	12°46'06	18°16	25°53	12° 7	2° 5	18°33	26°43	19°50	26°20	3°12	17° 9	17°15	15° 7	n.a.	W 8
T 9	1 1 35	13°46'28	2♍40	27°21	13°21	2°37	18°45	26°49	19°51	26°22	3°13	17° 9	17°11	15°14	n.a.	T 9
F 10	1 5 32	14°46'53	17°28	28°51	14°35	3°10	18°57	26°55	19°53	26°24	3°14	17° 9	17° 8	15°21	n.a.	F 10
S 11	1 9 28	15°47'19	2♎32	0♎22	15°49	3°42	19°10	27° 0	19°55	26°26	3°15	17° 8	17° 5	15°27	n.a.	S 11
S 12	1 13 25	16°47'48	17°46	1°54	17° 3	4°13	19°22	27° 6	19°57	26°29	3°16	17° 8	17° 2	15°34	n.a.	S 12
M13	1 17 22	17°48'18	2♏57	3°27	18°17	4°45	19°34	27°12	19°59	26°31	3°16	17° 8	16°59	15°41	n.a.	M13
T 14	1 21 18	18°48'50	17°59	5° 1	19°31	5°17	19°47	27°17	20° 2	26°33	3°17	17° 8	16°55	15°47	n.a.	T 14
W15	1 25 15	19°49'23	2♐41	6°36	20°45	5°48	19°59	27°23	20° 4	26°35	3°18	17° 8	16°52	15°54	n.a.	W15
T 16	1 29 11	20°49'58	16°59	8°11	21°58	6°20	20°11	27°28	20° 6	26°37	3°18	17° 8	16°49	16° 1	n.a.	T 16
F 17	1 33 8	21°50'34	0♑51	9°46	23°12	6°51	20°23	27°34	20° 8	26°39	3°19	17° 7	16°46	16° 7	n.a.	F 17
S 18	1 37 4	22°51'12	14°15	11°22	24°26	7°22	20°35	27°39	20°10	26°41	3°20	17° 7	16°43	16°14	n.a.	S 18
S 19	1 41 1	23°51'51	27°14	12°57	25°40	7°53	20°47	27°44	20°13	26°43	3°20	17°D 7	16°40	16°20	n.a.	S 19
M20	1 44 57	24°52'31	9♒52	14°33	26°54	8°23	20°59	27°49	20°15	26°45	3°21	17° 7	16°36	16°27	n.a.	M20
T 21	1 48 54	25°53'12	22°12	16° 9	28° 7	8°54	21°11	27°54	20°17	26°47	3°21	17° 8	16°33	16°34	n.a.	T 21
W22	1 52 51	26°53'54	4♓18	17°44	29°21	9°24	21°23	27°59	20°20	26°49	3°22	17° 9	16°30	16°40	n.a.	W22
T 23	1 56 47	27°54'38	16°15	19°20	0♐35	9°55	21°34	28° 4	20°22	26°51	3°22	17°10	16°27	16°47	n.a.	T 23
F 24	2 0 44	28°55'23	28° 6	20°56	1°48	10°25	21°46	28° 9	20°25	26°53	3°23	17°11	16°24	16°54	n.a.	F 24
S 25	2 4 40	29°56'09	9♈53	22°31	3° 2	10°55	21°58	28°14	20°27	26°55	3°23	17°12	16°20	17° 0	n.a.	S 25
S 26	2 8 37	0♏56'57	21°41	24° 7	4°15	11°24	22° 9	28°19	20°30	26°57	3°24	17°R12	16°17	17° 7	n.a.	S 26
M27	2 12 33	1°57'46	3♉31	25°42	5°29	11°54	22°21	28°23	20°33	26°59	3°24	17°11	16°14	17°14	n.a.	M27
T 28	2 16 30	2°58'36	15°25	27°17	6°42	12°23	22°32	28°28	20°35	27° 1	3°24	17°10	16°11	17°20	n.a.	T 28
W29	2 20 26	3°59'27	27°25	28°52	7°56	12°53	22°43	28°32	20°38	27° 3	3°25	17° 7	16° 8	17°27	n.a.	W29
T 30	2 24 23	5° 0'20	9♊34	0♏27	9° 9	13°22	22°55	28°37	20°41	27° 5	3°25	17° 4	16° 5	17°34	n.a.	T 30
F 31	2 28 20	6♏ 1'15	21♊53	2♏ 2	10♐23	13♌51	23♍ 6	28♌41	20♐43	27♍ 7	3♌25	17♈ 1	16♈ 1	17♈40	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	2s18	20n 8	2n45	6n53	1n56	13s13	0s25	22n 4	1n21	6n16	1n12	14n36	1n43	23s32	0s15	3n10	1n44	30n 9	10n47	6n48	6n59	5n27			n.a.
T 2	2 42	24 0	3 38	6 34	2 1	13 41	0 28	21 58	1 22	6 11	1 12	14 34	1 43	23 32	0 15	3 9	1 44	30 9	10 47	6 48	6 58	5 30			n.a.
F 3	3 6	26 52	4 22	6 11	2 5	14 8	0 31	21 52	1 23	6 6	1 12	14 32	1 43	23 32	0 15	3 8	1 44	30 9	10 48	6 49	6 57	5 34			n.a.
S 4	3 30	28 30	4 54	5 45	2 7	14 36	0 34	21 46	1 24	6 1	1 12	14 30	1 43	23 32	0 15	3 7	1 44	30 9	10 48	6 49	6 55	5 37			n.a.
S 5	3 54	28 41	5 13	5 16	2 8	15 3	0 36	21 39	1 25	5 56	1 12	14 28	1 44	23 32	0 15	3 6	1 44	30 9	10 48	6 49	6 54	5 40			n.a.
M 6	4 18	27 18	5 17	4 44	2 9	15 29	0 39	21 33	1 26	5 51	1 13	14 26	1 44	23 33	0 15	3 5	1 44	30 9	10 49	6 49	6 53	5 44			n.a.
T 7	4 42	24 18	5 4	4 11	2 8	15 55	0 42	21 27	1 27	5 46	1 13	14 24	1 44	23 33	0 15	3 5	1 44	30 9	10 49	6 49	6 52	5 47			n.a.
W 8	5 6	19 50	4 32	3 35	2 7	16 21	0 45	21 20	1 28	5 42	1 13	14 22	1 44	23 33	0 15	3 4	1 44	30 9	10 50	6 49	6 51	5 51			n.a.
T 9	5 30	14 6	3 43	2 59	2 5	16 47	0 48	21 14	1 29	5 37	1 13	14 20	1 44	23 33	0 15	3 3	1 44	30 9	10 50	6 48	6 49	5 54			n.a.
F 10	5 53	7 25	2 38	2 20	2 3	17 11	0 50	21 7	1 30	5 32	1 13	14 19	1 44	23 33	0 15	3 2	1 44	30 10	10 50	6 48	6 48	5 57			n.a.
S 11	6 17	0 12	1 20	1 41	1 59	17 36	0 53	21 1	1 31	5 27	1 13	14 17	1 45	23 33	0 15	3 1	1 44	30 10	10 51	6 48	6 47	6 1			n.a.
S 12	6 40	7s 6	0s 3	1 0	1 56	18 0	0 56	20 54	1 32	5 22	1 13	14 15	1 45	23 33	0 15	3 0	1 44	30 10	10 51	6 48	6 46	6 4			n.a.
M13	7 4	13 59	1 27	0 19	1 52	18 24	0 59	20 47	1 33	5 17	1 13	14 13	1 45	23 34	0 15	3 0	1 44	30 10	10 51	6 48	6 44	6 8			n.a.
T 14	7 27	19 59	2 43	0s23	1 47	18 47	1 1	20 41	1 34	5 13	1 13	14 11	1 45	23 34	0 15	2 59	1 44	30 10	10 52	6 48	6 43	6 11			n.a.
W15	7 50	24 38	3 47	1 5	1 42	19 10	1 4	20 34	1 35	5 8	1 13	14 10	1 45	23 34	0 15	2 58	1 44	30 10	10 52	6 48	6 42	6 14			n.a.
T 16	8 13	27 37	4 35	1 47	1 37	19 32	1 6	20 27	1 36	5 3	1 13	14 8	1 46	23 34	0 15	2 57	1 44	30 11	10 53	6 48	6 41	6 18			n.a.
F 17	8 36	28 47	5 5	2 30	1 32	19 53	1 9	20 20	1 37	4 58	1 14	14 6	1 46	23 34	0 15	2 56	1 44	30 11	10 53	6 48	6 39	6 21			n.a.
S 18	8 59	28 11	5 17	3 13	1 26	20 14	1 12	20 13	1 38	4 54	1 14	14 5	1 46	23 34	0 15	2 55	1 44	30 11	10 53	6 48	6 38	6 25			n.a.
S 19	9 22	26 3	5 13	3 56	1 20	20 35	1 14	20 6	1 40	4 49	1 14	14 3	1 46	23 35	0 15	2 55	1 44	30 11	10 54	6 48	6 37	6 28			n.a.
M20	9 44	22 40	4 53	4 39	1 14	20 55	1 17	19 59	1 41	4 45	1 14	14 1	1 46	23 35	0 15	2 54	1 44	30 11	10 54	6 48	6 36	6 31			n.a.
T 21	10 6	18 21	4 20	5 22	1 8	21 14	1 19	19 52	1 42	4 40	1 14	14 0	1 47	23 35	0 15	2 53	1 44	30 12	10 55	6 48	6 35	6 35			n.a.
W22	10 29	13 23	3 36	6 5	1 2	21 33	1 21	19 45	1 43	4 35	1 14	13 58	1 47	23 35	0 15	2 52	1 45	30 12	10 55	6 48	6 33	6 38			n.a.
T 23	10 51	7 59	2 44	6 48	0 55	21 52	1 24	19 37	1 44	4 31	1 14	13 57	1 47	23 35	0 15	2 52	1 45	30 12	10 55	6 49	6 32	6 42			n.a.
F 24	11 13	2 21	1 44	7 30	0 49	22 9	1 26	19 30	1 45	4 26	1 14	13 55	1 47	23 35	0 15	2 51	1 45	30 13	10 56	6 49	6 31	6 45			n.a.
S 25	11 34	3n20	0 40	8 12	0 42	22 26	1 28	19 23	1 46	4 22	1 15	13 54	1 48	23 36	0 15	2 50	1 45	30 13	10 56	6 49	6 30	6 48			n.a.
S 26	11 56	8 55	0n25	8 54	0 36	22 43	1 31	19 16	1 47	4 17	1 15	13 52	1 48	23 36	0 15	2 49	1 45	30 13	10 57	6 49	6 28	6 52			n.a.
M27	12 17	14 13	1 29	9 35	0 29	22 58	1 33	19 9	1 48	4 13	1 15	13 51	1 48	23 36	0 15	2 49	1 45	30 13	10 57	6 49	6 27	6 55			n.a.
T 28	12 38	19 1	2 30	10 16	0 22	23 14	1 35	19 1	1 50	4 8	1 15	13 49	1 48	23 36	0 15	2 48	1 45	30 14	10 57	6 49	6 26	6 59			n.a.
W29	12 59	23 7	3 25	10 57	0 16	23 28	1 37	18 54	1 51	4 4	1 15	13 48	1 48	23 36	0 15	2 47	1 45	30 14	10 58	6 48	6 25	7 2			n.a.
T 30	13 20	26 15	4 11	11 37	0 9	23 42	1 39	18 47	1 52	4 0	1 15	13 47	1 49	23 37	0 15	2 46	1 45	30 14	10 58	6 47	6 23	7 5			n.a.
F 31	13s40	28n12	4n46	12s16	0n 2	23s55	1s41	18n39	1n53	3n55	1n15	13n46	1n49	23s37	0s15	2n46	1n45	30n15	10n59	6n45	6n22	7n 9			n.a.

Julian Day Number = 1712565.5, Delta T = 02h59m59s
Ecliptic obliquity = 23°42'02, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°23'50, Lahiri = - 4°16'49 Julian Calendar 1 Oct. 25 BCE == Greg. Calendar 29 Sept. 025 BCE

The year -24 astronomical counting style corresponds to year 025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 25 BCE
geocentric

NOVEMBER 25 BCE (-24) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 32 16	7♏ 2'11	4♋24	3♏36	11♐36	14♌19	23♍17	28♌45	20♐46	27♍ 8	3♌25	16°R59	15♈58	17♈47	n.a.	S 1
S 2	2 36 13	8° 3'08	17°10	5°11	12°49	14°48	23°28	28°49	20°49	27°10	3°25	16♈56	15°55	17°53	n.a.	S 2
M 3	2 40 9	9° 4'07	0♌13	6°46	14° 3	15°16	23°39	28°53	20°52	27°12	3°26	16°55	15°52	18° 0	n.a.	M 3
T 4	2 44 6	10° 5'06	13°36	8°20	15°16	15°44	23°50	28°57	20°55	27°14	3°26	16°D55	15°49	18° 7	n.a.	T 4
W 5	2 48 2	11° 6'08	27°21	9°54	16°29	16°12	24° 1	29° 1	20°58	27°16	3°26	16°55	15°46	18°13	n.a.	W 5
T 6	2 51 59	12° 7'10	11♍29	11°29	17°43	16°40	24°11	29° 5	21° 1	27°17	3°26	16°57	15°42	18°20	n.a.	T 6
F 7	2 55 55	13° 8'14	25°58	13° 3	18°56	17° 7	24°22	29° 8	21° 4	27°19	3°R26	16°58	15°39	18°27	n.a.	F 7
S 8	2 59 52	14° 9'19	10♎45	14°37	20° 9	17°34	24°33	29°12	21° 7	27°21	3°26	16°R59	15°36	18°33	n.a.	S 8
S 9	3 3 49	15°10'25	25°46	16°12	21°22	18° 1	24°43	29°15	21°10	27°22	3°26	16°59	15°33	18°40	n.a.	S 9
M10	3 7 45	16°11'32	10♏51	17°46	22°35	18°28	24°53	29°19	21°13	27°24	3°26	16°58	15°30	18°47	n.a.	M10
T 11	3 11 42	17°12'40	25°53	19°21	23°48	18°55	25° 4	29°22	21°16	27°26	3°26	16°54	15°26	18°53	n.a.	T 11
W12	3 15 38	18°13'49	10♐42	20°55	25° 1	19°21	25°14	29°25	21°19	27°27	3°25	16°50	15°23	19° 0	n.a.	W12
T 13	3 19 35	19°14'59	25°10	22°30	26°14	19°47	25°24	29°28	21°22	27°29	3°25	16°45	15°20	19° 7	n.a.	T 13
F 14	3 23 31	20°16'09	9♑12	24° 4	27°27	20°13	25°34	29°31	21°25	27°30	3°25	16°40	15°17	19°13	n.a.	F 14
S 15	3 27 28	21°17'19	22°46	25°39	28°40	20°39	25°44	29°34	21°28	27°32	3°25	16°35	15°14	19°20	n.a.	S 15
S 16	3 31 25	22°18'30	5♒52	27°14	29°53	21° 4	25°54	29°37	21°32	27°33	3°25	16°32	15°11	19°27	n.a.	S 16
M17	3 35 21	23°19'42	18°34	28°49	1♑ 6	21°29	26° 3	29°40	21°35	27°35	3°24	16°D31	15° 7	19°33	n.a.	M17
T 18	3 39 18	24°20'53	0♓54	0♐24	2°18	21°54	26°13	29°43	21°38	27°36	3°24	16°31	15° 4	19°40	n.a.	T 18
W19	3 43 14	25°22'05	12°58	1°59	3°31	22°18	26°22	29°45	21°41	27°38	3°24	16°32	15° 1	19°46	n.a.	W19
T 20	3 47 11	26°23'17	24°52	3°34	4°44	22°42	26°32	29°47	21°45	27°39	3°23	16°34	14°58	19°53	n.a.	T 20
F 21	3 51 7	27°24'29	6♈40	5°10	5°56	23° 6	26°41	29°50	21°48	27°40	3°23	16°36	14°55	20° 0	n.a.	F 21
S 22	3 55 4	28°25'41	18°26	6°45	7° 9	23°30	26°50	29°52	21°51	27°42	3°22	16°R36	14°52	20° 6	n.a.	S 22
S 23	3 59 0	29°26'54	0♉15	8°21	8°21	23°53	26°59	29°54	21°55	27°43	3°22	16°35	14°48	20°13	n.a.	S 23
M24	4 2 57	0♐28'06	12°10	9°56	9°34	24°16	27° 8	29°56	21°58	27°44	3°21	16°32	14°45	20°20	n.a.	M24
T 25	4 6 54	1°29'19	24°13	11°32	10°46	24°39	27°17	29°58	22° 2	27°45	3°21	16°26	14°42	20°26	n.a.	T 25
W26	4 10 50	2°30'33	6♊26	13° 8	11°58	25° 2	27°25	29°59	22° 5	27°47	3°20	16°19	14°39	20°33	n.a.	W26
T 27	4 14 47	3°31'46	18°50	14°44	13°10	25°24	27°34	0♍ 1	22° 8	27°48	3°20	16°10	14°36	20°40	n.a.	T 27
F 28	4 18 43	4°33'00	1♋25	16°20	14°22	25°45	27°42	0° 3	22°12	27°49	3°19	16° 1	14°32	20°46	n.a.	F 28
S 29	4 22 40	5°34'15	14°12	17°55	15°34	26° 7	27°51	0° 4	22°15	27°50	3°19	15°52	14°29	20°53	n.a.	S 29
S 30	4 26 36	6♐35'29	27♋12	19♐31	16♑46	26♌28	27♍59	0♍ 6	22♐19	27♍51	3♌18	15♈44	14♈26	21♈ 0	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s 1	28n45	5n 8	12s55	0s 4	24s 7	1s43	18n32	1n54	3n51	1n15	13n44	1n49	23s37	0s15	2n45	1n45	30n15	10n59	6n44	6n21	7n12		n.a.
S 2	14 21	27 48	5 15	13 34	0 11	24 19	1 45	18 25	1 56	3 47	1 16	13 43	1 49	23 37	0 15	2 44	1 45	30 15	10 59	6 43	6 20	7 15		n.a.
M 3	14 40	25 19	5 7	14 12	0 17	24 30	1 47	18 17	1 57	3 42	1 16	13 42	1 50	23 37	0 15	2 44	1 45	30 16	11 0	6 43	6 19	7 19		n.a.
T 4	15 0	21 25	4 42	14 49	0 24	24 40	1 48	18 10	1 58	3 38	1 16	13 41	1 50	23 38	0 15	2 43	1 45	30 16	11 0	6 43	6 17	7 22		n.a.
W 5	15 19	16 17	4 0	15 25	0 30	24 50	1 50	18 3	1 59	3 34	1 16	13 39	1 50	23 38	0 15	2 42	1 45	30 16	11 1	6 43	6 16	7 26		n.a.
T 6	15 38	10 9	3 3	16 1	0 37	24 59	1 52	17 55	2 0	3 30	1 16	13 38	1 50	23 38	0 15	2 42	1 45	30 17	11 1	6 44	6 15	7 29		n.a.
F 7	15 57	3 21	1 53	16 36	0 43	25 7	1 53	17 48	2 2	3 26	1 16	13 37	1 51	23 38	0 15	2 41	1 45	30 17	11 1	6 44	6 14	7 32		n.a.
S 8	16 16	3s47	0 34	17 11	0 49	25 14	1 55	17 41	2 3	3 22	1 17	13 36	1 51	23 38	0 15	2 40	1 45	30 18	11 2	6 45	6 12	7 36		n.a.
S 9	16 34	10 48	0s48	17 44	0 55	25 21	1 56	17 34	2 4	3 18	1 17	13 35	1 51	23 39	0 15	2 40	1 45	30 18	11 2	6 45	6 11	7 39		n.a.
M10	16 52	17 15	2 7	18 17	1 1	25 27	1 57	17 27	2 6	3 14	1 17	13 34	1 51	23 39	0 15	2 39	1 45	30 18	11 2	6 44	6 10	7 42		n.a.
T 11	17 9	22 38	3 17	18 49	1 6	25 32	1 59	17 19	2 7	3 10	1 17	13 33	1 52	23 39	0 15	2 39	1 45	30 19	11 3	6 43	6 9	7 46		n.a.
W12	17 27	26 28	4 13	19 20	1 12	25 36	2 0	17 12	2 8	3 6	1 17	13 32	1 52	23 39	0 15	2 38	1 45	30 19	11 3	6 41	6 7	7 49		n.a.
T 13	17 44	28 27	4 51	19 50	1 17	25 40	2 1	17 5	2 9	3 2	1 17	13 32	1 52	23 39	0 15	2 37	1 45	30 20	11 4	6 39	6 6	7 53		n.a.
F 14	18 0	28 31	5 10	20 19	1 22	25 42	2 2	16 58	2 11	2 58	1 18	13 31	1 52	23 40	0 15	2 37	1 46	30 20	11 4	6 37	6 5	7 56		n.a.
S 15	18 17	26 51	5 10	20 48	1 27	25 44	2 3	16 51	2 12	2 54	1 18	13 30	1 53	23 40	0 15	2 36	1 46	30 20	11 4	6 35	6 4	7 59		n.a.
S 16	18 33	23 46	4 55	21 15	1 32	25 46	2 4	16 44	2 13	2 50	1 18	13 29	1 53	23 40	0 15	2 36	1 46	30 21	11 5	6 34	6 2	8 3		n.a.
M17	18 48	19 37	4 25	21 41	1 37	25 46	2 4	16 37	2 15	2 47	1 18	13 28	1 53	23 40	0 15	2 35	1 46	30 21	11 5	6 34	6 1	8 6		n.a.
T 18	19 4	14 45	3 44	22 6	1 41	25 46	2 5	16 30	2 16	2 43	1 18	13 28	1 53	23 40	0 15	2 35	1 46	30 22	11 6	6 34	6 0	8 9		n.a.
W19	19 19	9 25	2 53	22 30	1 45	25 45	2 6	16 24	2 18	2 39	1 19	13 27	1 54	23 41	0 15	2 34	1 46	30 22	11 6	6 34	5 59	8 13		n.a.
T 20	19 33	3 50	1 56	22 53	1 49	25 43	2 6	16 17	2 19	2 36	1 19	13 26	1 54	23 41	0 15	2 34	1 46	30 23	11 6	6 35	5 57	8 16		n.a.
F 21	19 48	1n51	0 54	23 15	1 53	25 40	2 6	16 10	2 20	2 32	1 19	13 26	1 54	23 41	0 15	2 33	1 46	30 23	11 7	6 36	5 56	8 19		n.a.
S 22	20 2	7 27	0n10	23 35	1 56	25 37	2 7	16 4	2 22	2 29	1 19	13 25	1 54	23 41	0 15	2 33	1 46	30 24	11 7	6 36	5 55	8 23		n.a.
S 23	20 15	12 50	1 13	23 54	1 59	25 33	2 7	15 57	2 23	2 25	1 19	13 25	1 55	23 42	0 15	2 32	1 46	30 24	11 8	6 35	5 54	8 26		n.a.
M24	20 28	17 47	2 14	24 12	2 2	25 28	2 7	15 51	2 25	2 22	1 20	13 24	1 55	23 42	0 15	2 32	1 46	30 25	11 8	6 34	5 52	8 29		n.a.
T 25	20 41	22 5	3 9	24 28	2 4	25 22	2 7	15 44	2 26	2 19	1 20	13 24	1 55	23 42	0 15	2 31	1 46	30 25	11 8	6 32	5 51	8 33		n.a.
W26	20 53	25 30	3 56	24 43	2 6	25 16	2 7	15 38	2 28	2 15	1 20	13 24	1 55	23 42	0 15	2 31	1 46	30 26	11 9	6 29	5 50	8 36		n.a.
T 27	21 5	27 46	4 33	24 56	2 8	25 9	2 7	15 32	2 29	2 12	1 20	13 23	1 56	23 42	0 15	2 30	1 46	30 26	11 9	6 26	5 49	8 39		n.a.
F 28	21 17	28 39	4 57	25 8	2 9	25 1	2 7	15 26	2 31	2 9	1 20	13 23	1 56	23 43	0 15	2 30	1 46	30 27	11 9	6 22	5 48	8 43		n.a.
S 29	21 28	28 1	5 7	25 18	2 10	24 52	2 6	15 20	2 32	2 6	1 21	13 23	1 56	23 43	0 15	2 30	1 46	30 27	11 10	6 18	5 46	8 46		n.a.
S 30	21s39	25n52	5n 1	25s26	2s10	24s43	2s 6	15n14	2n34	2n 3	1n21	13n22	1n57	23s43	0s15	2n29	1n46	30n28	11n10	6n15	5n45	8n49		n.a.

Julian Day Number = 1712596.5, Delta T = 02h59m58s
Ecliptic obliquity = 23°42'01, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°23'46, Lahiri = - 4°16'45 Julian Calendar 1 Nov. 25 BCE == Greg. Calendar 30 Oct. 025 BCE

The year -24 astronomical counting style corresponds to year 025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 25 BCE
geocentric

DECEMBER 25 BCE (-24) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 30 33	7♐36'44	10♌24	21♐ 6	17♑58	26♌49	28♍ 7	0♍ 7	22♐22	27♍52	3°R17	15°R38	14♈23	21♈ 6	n.a.	M 1
T 2	4 34 29	8°37'59	23°49	22°41	19°10	27° 9	28°15	0° 8	22°26	27°53	3♌16	15♈35	14°20	21°13	n.a.	T 2
W 3	4 38 26	9°39'14	7♍29	24°15	20°21	27°29	28°23	0° 9	22°29	27°54	3°16	15°D34	14°17	21°20	n.a.	W 3
T 4	4 42 23	10°40'29	21°23	25°49	21°33	27°49	28°30	0°10	22°33	27°55	3°15	15°34	14°13	21°26	n.a.	T 4
F 5	4 46 19	11°41'45	5♎33	27°22	22°45	28° 8	28°38	0°11	22°36	27°56	3°14	15°35	14°10	21°33	n.a.	F 5
S 6	4 50 16	12°43'01	19°58	28°53	23°56	28°27	28°45	0°12	22°40	27°57	3°13	15°R35	14° 7	21°39	n.a.	S 6
S 7	4 54 12	13°44'17	4♏34	0♑24	25° 7	28°45	28°52	0°12	22°43	27°58	3°13	15°34	14° 4	21°46	n.a.	S 7
M 8	4 58 9	14°45'32	19°17	1°53	26°19	29° 3	29° 0	0°13	22°47	27°59	3°12	15°30	14° 1	21°53	n.a.	M 8
T 9	5 2 5	15°46'48	4♐ 1	3°19	27°30	29°21	29° 7	0°13	22°50	28° 0	3°11	15°23	13°58	21°59	n.a.	T 9
W10	5 6 2	16°48'04	18°38	4°44	28°41	29°38	29°13	0°14	22°54	28° 0	3°10	15°14	13°54	22° 6	n.a.	W10
T 11	5 9 59	17°49'20	3♑ 0	6° 5	29°52	29°55	29°20	0°14	22°57	28° 1	3° 9	15° 3	13°51	22°13	n.a.	T 11
F 12	5 13 55	18°50'35	17° 2	7°23	1♒ 3	0♍11	29°27	0°R14	23° 1	28° 2	3° 8	14°52	13°48	22°19	n.a.	F 12
S 13	5 17 52	19°51'49	0♒39	8°38	2°13	0°27	29°33	0°14	23° 5	28° 2	3° 7	14°42	13°45	22°26	n.a.	S 13
S 14	5 21 48	20°53'03	13°50	9°47	3°24	0°42	29°39	0°14	23° 8	28° 3	3° 6	14°34	13°42	22°33	n.a.	S 14
M15	5 25 45	21°54'15	26°35	10°51	4°34	0°57	29°45	0°13	23°12	28° 4	3° 5	14°29	13°38	22°39	n.a.	M15
T 16	5 29 41	22°55'27	8♓59	11°49	5°45	1°11	29°51	0°13	23°15	28° 4	3° 4	14°26	13°35	22°46	n.a.	T 16
W17	5 33 38	23°56'39	21° 5	12°40	6°55	1°25	29°57	0°12	23°19	28° 5	3° 3	14°D25	13°32	22°53	n.a.	W17
T 18	5 37 34	24°57'49	3♈ 0	13°23	8° 5	1°38	0♎ 3	0°12	23°22	28° 5	3° 2	14°25	13°29	22°59	n.a.	T 18
F 19	5 41 31	25°58'58	14°48	13°57	9°15	1°51	0° 8	0°11	23°26	28° 6	3° 0	14°R25	13°26	23° 6	n.a.	F 19
S 20	5 45 28	27° 0'07	26°35	14°21	10°25	2° 3	0°13	0°10	23°30	28° 6	2°59	14°24	13°23	23°13	n.a.	S 20
S 21	5 49 24	28° 1'14	8♉26	14°35	11°35	2°15	0°18	0° 9	23°33	28° 7	2°58	14°22	13°19	23°19	n.a.	S 21
M22	5 53 21	29° 2'21	20°25	14°R38	12°44	2°26	0°23	0° 8	23°37	28° 7	2°57	14°16	13°16	23°26	n.a.	M22
T 23	5 57 17	0♑ 3'26	2♊37	14°29	13°53	2°37	0°28	0° 7	23°40	28° 7	2°56	14° 8	13°13	23°32	n.a.	T 23
W24	6 1 14	1° 4'31	15° 2	14° 9	15° 3	2°47	0°33	0° 6	23°44	28° 8	2°55	13°57	13°10	23°39	n.a.	W24
T 25	6 5 10	2° 5'35	27°43	13°37	16°12	2°56	0°37	0° 5	23°47	28° 8	2°53	13°45	13° 7	23°46	n.a.	T 25
F 26	6 9 7	3° 6'38	10♋39	12°54	17°21	3° 5	0°42	0° 3	23°51	28° 8	2°52	13°31	13° 4	23°52	n.a.	F 26
S 27	6 13 4	4° 7'40	23°49	12° 2	18°29	3°14	0°46	0° 2	23°54	28° 8	2°51	13°18	13° 0	23°59	n.a.	S 27
S 28	6 17 0	5° 8'41	7♌11	11° 1	19°38	3°21	0°50	0° 0	23°58	28° 8	2°50	13° 6	12°57	24° 6	n.a.	S 28
M29	6 20 57	6° 9'41	20°43	9°54	20°46	3°28	0°54	29♌58	24° 1	28° 8	2°48	12°57	12°54	24°12	n.a.	M29
T 30	6 24 53	7°10'41	4♍24	8°41	21°54	3°34	0°57	29°57	24° 5	28° 9	2°47	12°51	12°51	24°19	n.a.	T 30
W31	6 28 50	8♑11'39	18♍13	7♑27	23♒ 2	3♍40	1♎ 1	29♌55	24♐ 8	28♍ 9	2♌46	12♈48	12♈48	24♈26	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	21 s49	22n18	4n39	25 s33	2 s10	24 s33	2 s 5	15n 8	2n35	2n 0	1n21	13n22	1n57	23 s43	0 s15	2n29	1n46	30n28	11n10	6n13	5n44	8n53			n.a.
T 2	21 59	17 31	4 2	25 38	2 9	24 22	2 5	15 3	2 37	1 57	1 21	13 22	1 57	23 43	0 15	2 28	1 47	30 29	11 11	6 12	5 43	8 56			n.a.
W 3	22 8	11 47	3 10	25 42	2 8	24 11	2 4	14 57	2 39	1 54	1 21	13 22	1 57	23 44	0 15	2 28	1 47	30 29	11 11	6 11	5 41	8 59			n.a.
T 4	22 17	5 23	2 6	25 43	2 6	23 59	2 3	14 52	2 40	1 51	1 22	13 22	1 58	23 44	0 15	2 28	1 47	30 30	11 12	6 12	5 40	9 3			n.a.
F 5	22 26	1 s25	0 54	25 43	2 3	23 46	2 2	14 47	2 42	1 48	1 22	13 22	1 58	23 44	0 15	2 28	1 47	30 30	11 12	6 12	5 39	9 6			n.a.
S 6	22 34	8 15	0 s23	25 41	2 0	23 32	2 1	14 41	2 43	1 45	1 22	13 22	1 58	23 44	0 15	2 27	1 47	30 31	11 12	6 12	5 38	9 9			n.a.
S 7	22 42	14 45	1 40	25 38	1 56	23 18	2 0	14 37	2 45	1 43	1 22	13 22	1 58	23 44	0 15	2 27	1 47	30 31	11 13	6 11	5 36	9 13			n.a.
M 8	22 49	20 28	2 50	25 32	1 51	23 3	1 59	14 32	2 47	1 40	1 23	13 22	1 59	23 45	0 15	2 27	1 47	30 32	11 13	6 10	5 35	9 16			n.a.
T 9	22 56	24 55	3 49	25 25	1 45	22 48	1 57	14 27	2 48	1 37	1 23	13 22	1 59	23 45	0 15	2 26	1 47	30 32	11 13	6 7	5 34	9 19			n.a.
W10	23 2	27 43	4 32	25 15	1 39	22 32	1 56	14 22	2 50	1 35	1 23	13 22	1 59	23 45	0 15	2 26	1 47	30 33	11 14	6 4	5 33	9 23			n.a.
T 11	23 8	28 37	4 57	25 5	1 31	22 15	1 54	14 18	2 52	1 32	1 23	13 22	2 0	23 45	0 15	2 26	1 47	30 34	11 14	6 0	5 31	9 26			n.a.
F 12	23 14	27 37	5 3	24 52	1 23	21 58	1 52	14 14	2 54	1 30	1 24	13 23	2 0	23 45	0 15	2 26	1 47	30 34	11 14	5 55	5 30	9 29			n.a.
S 13	23 18	24 59	4 52	24 38	1 13	21 40	1 50	14 10	2 55	1 28	1 24	13 23	2 0	23 46	0 15	2 25	1 47	30 35	11 14	5 51	5 29	9 33			n.a.
S 14	23 23	21 5	4 25	24 23	1 3	21 22	1 49	14 6	2 57	1 25	1 24	13 23	2 0	23 46	0 15	2 25	1 47	30 35	11 15	5 48	5 28	9 36			n.a.
M15	23 27	16 19	3 46	24 6	0 51	21 3	1 47	14 2	2 59	1 23	1 24	13 24	2 1	23 46	0 15	2 25	1 47	30 36	11 15	5 46	5 26	9 39			n.a.
T 16	23 31	11 1	2 57	23 49	0 39	20 43	1 44	13 59	3 1	1 21	1 24	13 24	2 1	23 46	0 15	2 25	1 47	30 36	11 15	5 45	5 25	9 43			n.a.
W17	23 34	5 25	2 1	23 30	0 25	20 23	1 42	13 55	3 2	1 19	1 25	13 24	2 1	23 46	0 15	2 25	1 48	30 37	11 16	5 44	5 24	9 46			n.a.
T 18	23 36	0n17	1 0	23 11	0 10	20 3	1 40	13 52	3 4	1 17	1 25	13 25	2 1	23 47	0 15	2 25	1 48	30 37	11 16	5 45	5 23	9 49			n.a.
F 19	23 38	5 55	0n 2	22 52	0n 6	19 42	1 37	13 49	3 6	1 15	1 25	13 25	2 2	23 47	0 15	2 25	1 48	30 38	11 16	5 45	5 21	9 53			n.a.
S 20	23 40	11 21	1 4	22 33	0 22	19 20	1 35	13 46	3 8	1 13	1 26	13 26	2 2	23 47	0 15	2 24	1 48	30 39	11 17	5 44	5 20	9 56			n.a.
S 21	23 41	16 25	2 4	22 14	0 40	18 58	1 32	13 44	3 10	1 11	1 26	13 26	2 2	23 47	0 15	2 24	1 48	30 39	11 17	5 43	5 19	9 59			n.a.
M22	23 42	20 55	2 59	21 55	0 58	18 36	1 29	13 41	3 11	1 9	1 26	13 27	2 2	23 47	0 15	2 24	1 48	30 40	11 17	5 41	5 18	10 2			n.a.
T 23	23 42	24 36	3 46	21 38	1 17	18 13	1 26	13 39	3 13	1 8	1 26	13 28	2 3	23 48	0 15	2 24	1 48	30 40	11 17	5 38	5 16	10 6			n.a.
W24	23 42	27 13	4 24	21 21	1 36	17 49	1 23	13 37	3 15	1 6	1 27	13 28	2 3	23 48	0 15	2 24	1 48	30 41	11 18	5 34	5 15	10 9			n.a.
T 25	23 41	28 30	4 49	21 6	1 55	17 26	1 20	13 36	3 17	1 4	1 27	13 29	2 3	23 48	0 15	2 24	1 48	30 41	11 18	5 29	5 14	10 12			n.a.
F 26	23 40	28 15	5 0	20 52	2 13	17 1	1 17	13 34	3 19	1 3	1 27	13 30	2 4	23 48	0 15	2 24	1 48	30 42	11 18	5 23	5 13	10 16			n.a.
S 27	23 38	26 25	4 55	20 40	2 30	16 37	1 14	13 33	3 21	1 2	1 27	13 31	2 4	23 48	0 15	2 24	1 48	30 42	11 18	5 18	5 11	10 19			n.a.
S 28	23 36	23 6	4 35	20 29	2 46	16 12	1 10	13 32	3 23	1 0	1 28	13 31	2 4	23 48	0 15	2 24	1 48	30 43	11 19	5 14	5 10	10 22			n.a.
M29	23 33	18 30	3 58	20 20	3 0	15 47	1 7	13 31	3 25	0 59	1 28	13 32	2 4	23 49	0 15	2 24	1 48	30 44	11 19	5 10	5 9	10 25			n.a.
T 30	23 30	12 54	3 8	20 12	3 13	15 21	1 3	13 30	3 27	0 58	1 28	13 33	2 5	23 49	0 15	2 24	1 48	30 44	11 19	5 8	5 8	10 29			n.a.
W31	23 s27	6n38	2n 6	20 s 7	3n23	14 s55	0 s59	13n30	3n29	0n57	1n28	13n34	2n 5	23 s49	0 s15	2n24	1n48	30n45	11n19	5n 7	5n 6	10n32			n.a.

Julian Day Number = 1712626.5, Delta T = 02h59m57s
Ecliptic obliquity = 23°42'01, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°23'41, Lahiri = - 4°16'41 Julian Calendar 1 Dec. 25 BCE == Greg. Calendar 29 Nov. 025 BCE

The year -24 astronomical counting style corresponds to year 025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 24 BCE
geocentric

JANUARY 24 BCE (-23) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 32 46	9♉12'36	2♎ 8	6°R12	24♒10	3♍45	1♎ 4	29°R53	24♐12	28°R 9	2°R44	12°R47	12♈44	24♈32	n.a.	T 1
F 2	6 36 43	10°13'33	16°10	4♉59	25°17	3°50	1° 7	29♌50	24°15	28♍ 9	2♌43	12♈47	12°41	24°39	n.a.	F 2
S 3	6 40 39	11°14'29	0♏19	3°49	26°25	3°53	1°10	29°48	24°19	28° 9	2°42	12°47	12°38	24°46	n.a.	S 3
S 4	6 44 36	12°15'24	14°32	2°46	27°32	3°56	1°13	29°46	24°22	28° 8	2°40	12°44	12°35	24°52	n.a.	S 4
M 5	6 48 33	13°16'18	28°49	1°48	28°39	3°58	1°15	29°43	24°26	28° 8	2°39	12°39	12°32	24°59	n.a.	M 5
T 6	6 52 29	14°17'11	13♐ 5	0°59	29°45	4° 0	1°17	29°41	24°29	28° 8	2°37	12°31	12°29	25° 6	n.a.	T 6
W 7	6 56 26	15°18'04	27°17	0°17	0♓52	4° 1	1°20	29°38	24°33	28° 8	2°36	12°20	12°25	25°12	n.a.	W 7
T 8	7 0 22	16°18'54	11♉18	29♐43	1°58	4°R 1	1°22	29°36	24°36	28° 8	2°35	12° 8	12°22	25°19	n.a.	T 8
F 9	7 4 19	17°19'44	25° 4	29°18	3° 4	4° 0	1°23	29°33	24°39	28° 8	2°33	11°55	12°19	25°26	n.a.	F 9
S 10	7 8 15	18°20'32	8♒31	29° 2	4°10	3°59	1°25	29°30	24°43	28° 7	2°32	11°42	12°16	25°32	n.a.	S 10
S 11	7 12 12	19°21'18	21°36	28°53	5°15	3°56	1°26	29°27	24°46	28° 7	2°30	11°32	12°13	25°39	n.a.	S 11
M12	7 16 8	20°22'03	4♓20	28°D51	6°20	3°53	1°28	29°24	24°49	28° 7	2°29	11°24	12°10	25°45	n.a.	M12
T 13	7 20 5	21°22'46	16°44	28°57	7°25	3°50	1°29	29°21	24°53	28° 6	2°27	11°19	12° 6	25°52	n.a.	T 13
W14	7 24 2	22°23'27	28°52	29°10	8°30	3°45	1°30	29°18	24°56	28° 6	2°26	11°17	12° 3	25°59	n.a.	W14
T 15	7 27 58	23°24'06	10♈48	29°29	9°34	3°40	1°30	29°14	24°59	28° 5	2°24	11°D17	12° 0	26° 5	n.a.	T 15
F 16	7 31 55	24°24'44	22°37	29°53	10°38	3°34	1°31	29°11	25° 2	28° 5	2°23	11°R17	11°57	26°12	n.a.	F 16
S 17	7 35 51	25°25'19	4♉25	0♉23	11°42	3°27	1°31	29° 7	25° 6	28° 4	2°21	11°16	11°54	26°19	n.a.	S 17
S 18	7 39 48	26°25'53	16°17	0°58	12°45	3°19	1°R31	29° 4	25° 9	28° 4	2°20	11°15	11°50	26°25	n.a.	S 18
M19	7 43 44	27°26'25	28°19	1°37	13°48	3°11	1°31	29° 0	25°12	28° 3	2°18	11°10	11°47	26°32	n.a.	M19
T 20	7 47 41	28°26'55	10♊35	2°20	14°50	3° 1	1°31	28°57	25°15	28° 3	2°17	11° 4	11°44	26°39	n.a.	T 20
W21	7 51 37	29°27'23	23° 9	3° 7	15°53	2°51	1°30	28°53	25°18	28° 2	2°15	10°55	11°41	26°45	n.a.	W21
T 22	7 55 34	0♒27'50	6♋ 2	3°58	16°54	2°41	1°30	28°49	25°21	28° 1	2°14	10°43	11°38	26°52	n.a.	T 22
F 23	7 59 31	1°28'14	19°15	4°52	17°56	2°29	1°29	28°45	25°24	28° 1	2°12	10°31	11°35	26°59	n.a.	F 23
S 24	8 3 27	2°28'37	2♌46	5°49	18°57	2°17	1°28	28°41	25°27	28° 0	2°11	10°20	11°31	27° 5	n.a.	S 24
S 25	8 7 24	3°28'58	16°33	6°49	19°57	2° 4	1°26	28°37	25°30	27°59	2° 9	10° 9	11°28	27°12	n.a.	S 25
M26	8 11 20	4°29'17	0♍32	7°51	20°58	1°50	1°25	28°33	25°33	27°58	2° 8	10° 1	11°25	27°19	n.a.	M26
T 27	8 15 17	5°29'34	14°39	8°56	21°57	1°35	1°23	28°29	25°36	27°57	2° 6	9°56	11°22	27°25	n.a.	T 27
W28	8 19 13	6°29'50	28°49	10° 3	22°57	1°20	1°22	28°25	25°39	27°57	2° 5	9°54	11°19	27°32	n.a.	W28
T 29	8 23 10	7°30'04	13♎ 0	11°12	23°55	1° 4	1°20	28°21	25°42	27°56	2° 3	9°D53	11°16	27°39	n.a.	T 29
F 30	8 27 6	8°30'16	27°10	12°24	24°54	0°48	1°18	28°17	25°45	27°55	2° 2	9°54	11°12	27°45	n.a.	F 30
S 31	8 31 3	9♒30'27	11♏16	13♉37	25♓51	0♍30	1♎15	28♌12	25♐48	27♍54	2♌ 0	9°R54	11♈ 9	27♈52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s23	0 s 0	0n56	20 s 3	3n31	14 s29	0 s55	13n30	3n30	0n56	1n29	13n35	2n 5	23 s49	0 s15	2n24	1n49	30n45	11n20	5n 6	5n 5	10n35			n.a.
F 2	23 18	6 42	0 s18	20 1	3 36	14 2	0 51	13 30	3 32	0 55	1 29	13 36	2 5	23 49	0 15	2 24	1 49	30 46	11 20	5 6	5 4	10 39			n.a.
S 3	23 13	13 7	1 31	20 0	3 39	13 35	0 47	13 31	3 34	0 54	1 29	13 37	2 6	23 49	0 15	2 24	1 49	30 46	11 20	5 6	5 3	10 42			n.a.
S 4	23 8	18 54	2 39	20 1	3 39	13 8	0 43	13 31	3 36	0 53	1 29	13 38	2 6	23 50	0 15	2 24	1 49	30 47	11 20	5 5	5 1	10 45			n.a.
M 5	23 2	23 39	3 37	20 4	3 38	12 41	0 39	13 32	3 38	0 52	1 30	13 39	2 6	23 50	0 15	2 24	1 49	30 47	11 20	5 3	5 0	10 48			n.a.
T 6	22 55	26 57	4 22	20 8	3 34	12 13	0 34	13 33	3 40	0 51	1 30	13 40	2 6	23 50	0 15	2 25	1 49	30 48	11 21	5 0	4 59	10 52			n.a.
W 7	22 49	28 30	4 50	20 13	3 29	11 45	0 30	13 35	3 42	0 51	1 30	13 42	2 7	23 50	0 15	2 25	1 49	30 48	11 21	4 56	4 58	10 55			n.a.
T 8	22 41	28 12	5 0	20 20	3 22	11 17	0 25	13 37	3 44	0 50	1 31	13 43	2 7	23 50	0 15	2 25	1 49	30 49	11 21	4 51	4 56	10 58			n.a.
F 9	22 34	26 8	4 52	20 28	3 14	10 48	0 20	13 39	3 46	0 50	1 31	13 44	2 7	23 50	0 15	2 25	1 49	30 49	11 21	4 45	4 55	11 1			n.a.
S 10	22 26	22 39	4 28	20 36	3 5	10 20	0 16	13 41	3 48	0 49	1 31	13 45	2 7	23 51	0 15	2 25	1 49	30 50	11 21	4 41	4 54	11 5			n.a.
S 11	22 17	18 5	3 51	20 46	2 56	9 51	0 11	13 44	3 50	0 49	1 31	13 46	2 7	23 51	0 15	2 25	1 49	30 50	11 21	4 37	4 53	11 8			n.a.
M12	22 8	12 51	3 2	20 56	2 46	9 22	0 6	13 46	3 51	0 49	1 32	13 48	2 8	23 51	0 15	2 26	1 49	30 51	11 22	4 34	4 51	11 11			n.a.
T 13	21 59	7 14	2 6	21 7	2 35	8 53	0 1	13 50	3 53	0 49	1 32	13 49	2 8	23 51	0 15	2 26	1 49	30 51	11 22	4 32	4 50	11 14			n.a.
W14	21 49	1 27	1 5	21 18	2 24	8 24	0n 5	13 53	3 55	0 48	1 32	13 50	2 8	23 51	0 15	2 26	1 49	30 52	11 22	4 31	4 49	11 18			n.a.
T 15	21 39	4n17	0 3	21 29	2 13	7 55	0 10	13 57	3 57	0 48	1 33	13 52	2 8	23 51	0 15	2 26	1 49	30 52	11 22	4 30	4 48	11 21			n.a.
F 16	21 28	9 49	1n 0	21 41	2 1	7 25	0 15	14 1	3 59	0 49	1 33	13 53	2 8	23 51	0 15	2 27	1 49	30 53	11 22	4 31	4 46	11 24			n.a.
S 17	21 17	15 0	2 0	21 52	1 50	6 56	0 21	14 5	4 0	0 49	1 33	13 55	2 9	23 52	0 15	2 27	1 50	30 53	11 22	4 30	4 45	11 27			n.a.
S 18	21 6	19 40	2 54	22 3	1 39	6 26	0 26	14 9	4 2	0 49	1 33	13 56	2 9	23 52	0 15	2 27	1 50	30 54	11 22	4 30	4 44	11 31			n.a.
M19	20 54	23 37	3 42	22 14	1 27	5 57	0 32	14 14	4 4	0 49	1 34	13 58	2 9	23 52	0 15	2 27	1 50	30 54	11 22	4 28	4 43	11 34			n.a.
T 20	20 42	26 35	4 21	22 25	1 16	5 27	0 38	14 19	4 5	0 50	1 34	13 59	2 9	23 52	0 15	2 28	1 50	30 55	11 23	4 25	4 41	11 37			n.a.
W21	20 29	28 19	4 48	22 35	1 5	4 57	0 44	14 24	4 7	0 50	1 34	14 1	2 9	23 52	0 15	2 28	1 50	30 55	11 23	4 22	4 40	11 40			n.a.
T 22	20 16	28 34	5 1	22 44	0 54	4 28	0 50	14 29	4 9	0 50	1 34	14 2	2 10	23 52	0 15	2 28	1 50	30 56	11 23	4 17	4 39	11 44			n.a.
F 23	20 3	27 13	4 59	22 53	0 43	3 58	0 56	14 35	4 10	0 51	1 35	14 4	2 10	23 52	0 15	2 29	1 50	30 56	11 23	4 13	4 38	11 47			n.a.
S 24	19 49	24 17	4 39	23 1	0 33	3 28	1 2	14 41	4 12	0 52	1 35	14 5	2 10	23 52	0 15	2 29	1 50	30 57	11 23	4 8	4 36	11 50			n.a.
S 25	19 35	19 55	4 4	23 9	0 23	2 59	1 8	14 47	4 13	0 52	1 35	14 7	2 10	23 53	0 15	2 29	1 50	30 57	11 23	4 4	4 35	11 53			n.a.
M26	19 21	14 24	3 13	23 15	0 13	2 29	1 14	14 53	4 14	0 53	1 35	14 8	2 10	23 53	0 15	2 30	1 50	30 58	11 23	4 1	4 34	11 57			n.a.
T 27	19 6	8 6	2 10	23 21	0 3	2 0	1 21	15 0	4 16	0 54	1 36	14 10	2 11	23 53	0 15	2 30	1 50	30 58	11 23	3 59	4 33	12 0			n.a.
W28	18 51	1 22	0 59	23 25	0 s 6	1 30	1 27	15 6	4 17	0 55	1 36	14 12	2 11	23 53	0 15	2 30	1 50	30 58	11 23	3 58	4 31	12 3			n.a.
T 29	18 36	5 s27	0 s17	23 29	0 16	1 1	1 33	15 13	4 18	0 56	1 36	14 13	2 11	23 53	0 15	2 31	1 50	30 59	11 23	3 57	4 30	12 6			n.a.
F 30	18 20	11 59	1 31	23 31	0 24	0 31	1 40	15 20	4 19	0 57	1 37	14 15	2 11	23 53	0 15	2 31	1 50	30 59	11 23	3 58	4 29	12 9			n.a.
S 31	18 s 4	17 s54	2 s39	23 s33	0 s33	0 s 2	1n47	15n28	4n20	0n58	1n37	14n16	2n11	23 s53	0 s15	2n32	1n50	31n 0	11n23	3n58	4n28	12n13			n.a.

Julian Day Number = 1712657.5, Delta T = 02h59m57s
Ecliptic obliquity = 23°42'01, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°23'37, Lahiri = - 4°16'37 Julian Calendar 1 Jan. 24 BCE == Greg. Calendar 30 Dec. 025 BCE

The year -23 astronomical counting style corresponds to year 024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 24 BCE
geocentric

FEBRUARY 24 BCE (-23) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 35 0	10♒30'36	25♏19	14♉51	26♓49	0°R12	1°R13	28°R 8	25♐51	27°R53	1°R59	9°R53	11♈ 6	27♈58	n.a.	S 1
M 2	8 38 56	11°30'44	9♐18	16° 8	27°45	29♑54	1♎10	28♑ 4	25°53	27♏52	1♑57	9♈50	11° 3	28° 5	n.a.	M 2
T 3	8 42 53	12°30'50	23°10	17°26	28°42	29°35	1° 7	27°59	25°56	27°51	1°56	9°44	11° 0	28°12	n.a.	T 3
W 4	8 46 49	13°30'54	6♉54	18°46	29°37	29°15	1° 4	27°55	25°59	27°50	1°54	9°36	10°56	28°18	n.a.	W 4
T 5	8 50 46	14°30'57	20°28	20° 7	0♈32	28°55	1° 1	27°50	26° 1	27°49	1°53	9°27	10°53	28°25	n.a.	T 5
F 6	8 54 42	15°30'57	3♒49	21°30	1°26	28°34	0°57	27°46	26° 4	27°48	1°51	9°17	10°50	28°32	n.a.	F 6
S 7	8 58 39	16°30'56	16°55	22°54	2°20	28°13	0°54	27°41	26° 7	27°47	1°50	9° 8	10°47	28°38	n.a.	S 7
S 8	9 2 35	17°30'52	29°45	24°19	3°13	27°52	0°50	27°37	26° 9	27°46	1°49	9° 0	10°44	28°45	n.a.	S 8
M 9	9 6 32	18°30'47	12♓18	25°46	4° 6	27°30	0°46	27°32	26°12	27°44	1°47	8°54	10°41	28°52	n.a.	M 9
T 10	9 10 29	19°30'39	24°36	27°14	4°57	27° 7	0°42	27°27	26°14	27°43	1°46	8°51	10°37	28°58	n.a.	T 10
W11	9 14 25	20°30'29	6♈41	28°44	5°48	26°45	0°38	27°23	26°17	27°42	1°44	8°D50	10°34	29° 5	n.a.	W11
T 12	9 18 22	21°30'17	18°36	0♒14	6°38	26°22	0°33	27°18	26°19	27°41	1°43	8°50	10°31	29°12	n.a.	T 12
F 13	9 22 18	22°30'02	0♉26	1°46	7°28	25°59	0°29	27°13	26°21	27°39	1°41	8°51	10°28	29°18	n.a.	F 13
S 14	9 26 15	23°29'45	12°14	3°19	8°16	25°35	0°24	27° 9	26°24	27°38	1°40	8°53	10°25	29°25	n.a.	S 14
S 15	9 30 11	24°29'26	24° 6	4°54	9° 4	25°12	0°19	27° 4	26°26	27°37	1°39	8°R54	10°22	29°32	n.a.	S 15
M16	9 34 8	25°29'04	6♊ 8	6°29	9°51	24°49	0°14	26°59	26°28	27°36	1°37	8°53	10°18	29°38	n.a.	M16
T 17	9 38 4	26°28'40	18°25	8° 6	10°36	24°25	0° 9	26°55	26°31	27°34	1°36	8°50	10°15	29°45	n.a.	T 17
W18	9 42 1	27°28'14	1♋ 0	9°44	11°21	24° 2	0° 3	26°50	26°33	27°33	1°35	8°46	10°12	29°52	n.a.	W18
T 19	9 45 58	28°27'46	13°57	11°24	12° 5	23°38	29♏58	26°45	26°35	27°32	1°33	8°41	10° 9	29°58	n.a.	T 19
F 20	9 49 54	29°27'15	27°18	13° 4	12°48	23°15	29°52	26°40	26°37	27°30	1°32	8°34	10° 6	0♉ 5	n.a.	F 20
S 21	9 53 51	0♓26'41	11♑ 2	14°46	13°29	22°52	29°47	26°36	26°39	27°29	1°31	8°28	10° 2	0°12	n.a.	S 21
S 22	9 57 47	1°26'06	25° 8	16°29	14°10	22°29	29°41	26°31	26°41	27°27	1°29	8°22	9°59	0°18	n.a.	S 22
M23	10 1 44	2°25'28	9♏30	18°14	14°49	22° 6	29°35	26°26	26°43	27°26	1°28	8°18	9°56	0°25	n.a.	M23
T 24	10 5 40	3°24'48	24° 2	20° 0	15°27	21°44	29°29	26°22	26°45	27°24	1°27	8°15	9°53	0°32	n.a.	T 24
W25	10 9 37	4°24'06	8♎40	21°47	16° 4	21°22	29°22	26°17	26°47	27°23	1°26	8°D15	9°50	0°38	n.a.	W25
T 26	10 13 33	5°23'22	23°16	23°35	16°40	21° 0	29°16	26°12	26°48	27°22	1°25	8°15	9°47	0°45	n.a.	T 26
F 27	10 17 30	6°22'36	7♏45	25°25	17°14	20°38	29° 9	26° 8	26°50	27°20	1°23	8°17	9°43	0°51	n.a.	F 27
S 28	10 21 27	7♓21'49	22♏ 4	27♒16	17♈46	20♑17	29♏ 3	26♑ 3	26♐52	27♏19	1♑22	8♈18	9♈40	0♉58	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	17s48	22s50	3s38	23s33	0s41	0n27	1n53	15n35	4n21	1n 0	1n37	14n18	2n11	23s53	0s15	2n32	1n50	31n 0	11n23	3n57	4n26	12n16			n.a.
M 2	17 31	26 25	4 23	23 31	0 49	0 56	2 0	15 42	4 22	1 1	1 37	14 20	2 11	23 53	0 15	2 33	1 50	31 0	11 23	3 56	4 25	12 19			n.a.
T 3	17 14	28 23	4 53	23 29	0 57	1 25	2 7	15 50	4 23	1 2	1 38	14 21	2 12	23 54	0 15	2 33	1 51	31 1	11 23	3 54	4 24	12 22			n.a.
W 4	16 57	28 35	5 5	23 25	1 4	1 53	2 14	15 58	4 23	1 4	1 38	14 23	2 12	23 54	0 15	2 34	1 51	31 1	11 23	3 51	4 23	12 25			n.a.
T 5	16 39	27 3	5 0	23 20	1 11	2 22	2 21	16 6	4 24	1 5	1 38	14 25	2 12	23 54	0 15	2 34	1 51	31 2	11 23	3 47	4 21	12 29			n.a.
F 6	16 22	24 0	4 38	23 14	1 17	2 50	2 28	16 13	4 25	1 7	1 38	14 27	2 12	23 54	0 15	2 34	1 51	31 2	11 23	3 43	4 20	12 32			n.a.
S 7	16 3	19 46	4 2	23 6	1 24	3 18	2 35	16 21	4 25	1 9	1 38	14 28	2 12	23 54	0 15	2 35	1 51	31 2	11 23	3 39	4 19	12 35			n.a.
S 8	15 45	14 43	3 14	22 57	1 30	3 46	2 42	16 29	4 25	1 10	1 39	14 30	2 12	23 54	0 15	2 35	1 51	31 3	11 23	3 36	4 17	12 38			n.a.
M 9	15 27	9 8	2 18	22 47	1 35	4 13	2 49	16 37	4 25	1 12	1 39	14 32	2 12	23 54	0 15	2 36	1 51	31 3	11 23	3 34	4 16	12 41			n.a.
T 10	15 8	3 20	1 16	22 35	1 40	4 41	2 56	16 45	4 26	1 14	1 39	14 33	2 12	23 54	0 15	2 36	1 51	31 3	11 23	3 33	4 15	12 45			n.a.
W11	14 49	2n30	0 12	22 21	1 45	5 8	3 3	16 53	4 26	1 16	1 39	14 35	2 13	23 54	0 15	2 37	1 51	31 4	11 23	3 32	4 14	12 48			n.a.
T 12	14 29	8 11	0n53	22 6	1 49	5 35	3 11	17 1	4 25	1 18	1 40	14 37	2 13	23 54	0 15	2 38	1 51	31 4	11 23	3 32	4 12	12 51			n.a.
F 13	14 10	13 31	1 54	21 49	1 53	6 1	3 18	17 9	4 25	1 20	1 40	14 39	2 13	23 54	0 15	2 38	1 51	31 4	11 23	3 33	4 11	12 54			n.a.
S 14	13 50	18 23	2 51	21 31	1 57	6 27	3 25	17 17	4 25	1 22	1 40	14 40	2 13	23 55	0 16	2 39	1 51	31 4	11 23	3 33	4 10	12 57			n.a.
S 15	13 30	22 34	3 41	21 12	2 0	6 53	3 33	17 24	4 25	1 24	1 40	14 42	2 13	23 55	0 16	2 39	1 51	31 5	11 23	3 34	4 9	13 0			n.a.
M16	13 10	25 51	4 21	20 50	2 3	7 18	3 40	17 32	4 24	1 26	1 40	14 44	2 13	23 55	0 16	2 40	1 51	31 5	11 23	3 33	4 7	13 4			n.a.
T 17	12 50	28 1	4 51	20 27	2 6	7 43	3 47	17 39	4 23	1 29	1 41	14 45	2 13	23 55	0 16	2 40	1 51	31 5	11 23	3 32	4 6	13 7			n.a.
W18	12 29	28 49	5 7	20 3	2 7	8 8	3 55	17 47	4 23	1 31	1 41	14 47	2 13	23 55	0 16	2 41	1 51	31 5	11 23	3 31	4 5	13 10			n.a.
T 19	12 8	28 5	5 9	19 37	2 9	8 32	4 2	17 54	4 22	1 33	1 41	14 49	2 13	23 55	0 16	2 42	1 51	31 6	11 23	3 29	4 4	13 13			n.a.
F 20	11 47	25 43	4 54	19 9	2 10	8 56	4 10	18 1	4 21	1 36	1 41	14 51	2 13	23 55	0 16	2 42	1 51	31 6	11 23	3 26	4 2	13 16			n.a.
S 21	11 26	21 50	4 22	18 40	2 11	9 19	4 17	18 7	4 20	1 38	1 41	14 52	2 13	23 55	0 16	2 43	1 51	31 6	11 23	3 23	4 1	13 19			n.a.
S 22	11 5	16 38	3 33	18 9	2 11	9 42	4 25	18 14	4 19	1 41	1 41	14 54	2 13	23 55	0 16	2 43	1 51	31 6	11 23	3 21	4 0	13 23			n.a.
M23	10 43	10 25	2 30	17 36	2 11	10 4	4 32	18 20	4 17	1 43	1 42	14 56	2 13	23 55	0 16	2 44	1 51	31 7	11 22	3 19	3 59	13 26			n.a.
T 24	10 22	3 34	1 17	17 2	2 10	10 26	4 39	18 27	4 16	1 46	1 42	14 57	2 13	23 55	0 16	2 45	1 51	31 7	11 22	3 19	3 57	13 29			n.a.
W25	10 0	3s30	0s 2	16 26	2 9	10 47	4 47	18 33	4 14	1 49	1 42	14 59	2 13	23 55	0 16	2 45	1 51	31 7	11 22	3 18	3 56	13 32			n.a.
T 26	9 38	10 23	1 21	15 48	2 7	11 8	4 54	18 38	4 13	1 51	1 42	15 0	2 13	23 55	0 16	2 46	1 51	31 7	11 22	3 18	3 55	13 35			n.a.
F 27	9 16	16 41	2 34	15 9	2 5	11 28	5 1	18 44	4 11	1 54	1 42	15 2	2 14	23 55	0 16	2 46	1 52	31 7	11 22	3 19	3 54	13 38			n.a.
S 28	8s54	21s58	3s37	14s28	2s 2	11n47	5n 9	18n49	4n10	1n57	1n42	15n 4	2n14	23s56	0s16	2n47	1n52	31n 8	11n22	3n20	3n52	13n41			n.a.

Julian Day Number = 1712688.5, Delta T = 02h59m56s
Ecliptic obliquity = 23°42'01, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°23'33, Lahiri = - 4°16'33 Julian Calendar 1 Feb. 24 BCE == Greg. Calendar 30 Jan. 024 BCE

The year -23 astronomical counting style corresponds to year 024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 24 BCE
geocentric

MARCH 24 BCE (-23) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 25 23	8♓20'59	6♐11	29♒ 8	18♈18	19°R57	28°R56	25°R59	26♐54	27°R17	1°R21	8°R19	9♈37	1♉ 5	n.a.	S 1
M 2	10 29 20	9°20'08	20° 4	1♓ 2	18°47	19♏37	28♍49	25♏54	26°55	27♍15	1♏20	8♈18	9°34	1°11	n.a.	M 2
T 3	10 33 16	10°19'15	3♉42	2°57	19°16	19°17	28°42	25°50	26°57	27°14	1°19	8°17	9°31	1°18	n.a.	T 3
W 4	10 37 13	11°18'20	17° 7	4°54	19°42	18°58	28°36	25°45	26°58	27°12	1°18	8°14	9°28	1°25	n.a.	W 4
T 5	10 41 9	12°17'24	0♒17	6°52	20° 7	18°40	28°28	25°41	27° 0	27°11	1°17	8°10	9°24	1°31	n.a.	T 5
F 6	10 45 6	13°16'25	13°14	8°51	20°30	18°22	28°21	25°36	27° 1	27° 9	1°16	8° 6	9°21	1°38	n.a.	F 6
S 7	10 49 2	14°15'24	25°57	10°51	20°51	18° 5	28°14	25°32	27° 3	27° 8	1°14	8° 2	9°18	1°45	n.a.	S 7
S 8	10 52 59	15°14'21	8♓28	12°52	21°11	17°49	28° 7	25°28	27° 4	27° 6	1°13	7°59	9°15	1°51	n.a.	S 8
M 9	10 56 55	16°13'16	20°47	14°55	21°28	17°33	28° 0	25°24	27° 6	27° 4	1°12	7°57	9°12	1°58	n.a.	M 9
T 10	11 0 52	17°12'09	2♈54	16°58	21°44	17°18	27°52	25°19	27° 7	27° 3	1°12	7°D56	9° 8	2° 5	n.a.	T 10
W11	11 4 49	18°11'00	14°53	19° 3	21°57	17° 4	27°45	25°15	27° 8	27° 1	1°11	7°56	9° 5	2°11	n.a.	W11
T 12	11 8 45	19° 9'48	26°45	21° 8	22° 9	16°50	27°37	25°11	27° 9	27° 0	1°10	7°57	9° 2	2°18	n.a.	T 12
F 13	11 12 42	20° 8'35	8♉33	23°13	22°18	16°37	27°30	25° 7	27°10	26°58	1° 9	7°58	8°59	2°25	n.a.	F 13
S 14	11 16 38	21° 7'19	20°22	25°19	22°24	16°25	27°22	25° 3	27°11	26°56	1° 8	8° 0	8°56	2°31	n.a.	S 14
S 15	11 20 35	22° 6'01	2♊14	27°25	22°29	16°14	27°14	24°59	27°12	26°55	1° 7	8° 1	8°53	2°38	n.a.	S 15
M16	11 24 31	23° 4'40	14°15	29°31	22°R31	16° 3	27° 7	24°55	27°13	26°53	1° 6	8° 2	8°49	2°45	n.a.	M16
T 17	11 28 28	24° 3'18	26°30	1♈36	22°31	15°54	26°59	24°51	27°14	26°52	1° 5	8°R 2	8°46	2°51	n.a.	T 17
W18	11 32 24	25° 1'53	9♋ 2	3°41	22°28	15°45	26°52	24°48	27°15	26°50	1° 5	8° 1	8°43	2°58	n.a.	W18
T 19	11 36 21	26° 0'25	21°57	5°44	22°23	15°37	26°44	24°44	27°16	26°48	1° 4	8° 0	8°40	3° 5	n.a.	T 19
F 20	11 40 18	26°58'56	5♌16	7°46	22°16	15°29	26°36	24°40	27°17	26°47	1° 3	7°59	8°37	3°11	n.a.	F 20
S 21	11 44 14	27°57'24	19° 2	9°46	22° 6	15°23	26°29	24°37	27°17	26°45	1° 2	7°58	8°33	3°18	n.a.	S 21
S 22	11 48 11	28°55'50	3♍13	11°44	21°53	15°17	26°21	24°33	27°18	26°43	1° 2	7°57	8°30	3°25	n.a.	S 22
M23	11 52 7	29°54'13	17°46	13°40	21°38	15°12	26°13	24°30	27°19	26°42	1° 1	7°56	8°27	3°31	n.a.	M23
T 24	11 56 4	0♈52'35	2♎36	15°33	21°21	15° 8	26° 6	24°27	27°19	26°40	1° 0	7°D56	8°24	3°38	n.a.	T 24
W25	12 0 0	1°50'55	17°35	17°23	21° 1	15° 5	25°58	24°23	27°20	26°38	1° 0	7°56	8°21	3°45	n.a.	W25
T 26	12 3 57	2°49'13	2♏35	19°10	20°39	15° 2	25°50	24°20	27°20	26°37	0°59	7°56	8°18	3°51	n.a.	T 26
F 27	12 7 53	3°47'29	17°28	20°53	20°15	15° 0	25°43	24°17	27°21	26°35	0°59	7°56	8°14	3°58	n.a.	F 27
S 28	12 11 50	4°45'44	2♐ 7	22°33	19°48	14°59	25°35	24°14	27°21	26°34	0°58	7°57	8°11	4° 5	n.a.	S 28
S 29	12 15 47	5°43'57	16°27	24° 9	19°20	14°D59	25°28	24°11	27°21	26°32	0°58	7°57	8° 8	4°11	n.a.	S 29
M30	12 19 43	6°42'09	0♑26	25°41	18°50	14°59	25°20	24° 8	27°22	26°30	0°57	7°57	8° 5	4°18	n.a.	M30
T 31	12 23 40	7♈40'19	14♑ 3	27♈ 8	18♈18	15♏ 0	25♍13	24♏ 5	27♐22	26♍29	0♏57	7♈57	8♈ 2	4♉25	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8s32	25s56	4s26	13s45	1s59	12n 6	5n16	18n54	4n 8	1n59	1n42	15n 5	2n14	23s56	0s16	2n48	1n52	31n 8	11n22	3n20	3n51	13n44		n.a.
M 2	8 9	28 16	4 58	13 1	1 55	12 24	5 23	18 59	4 6	2 2	1 43	15 7	2 14	23 56	0 16	2 48	1 52	31 8	11 22	3 20	3 50	13 48		n.a.
T 3	7 47	28 51	5 12	12 15	1 51	12 41	5 30	19 3	4 4	2 5	1 43	15 8	2 14	23 56	0 16	2 49	1 52	31 8	11 22	3 19	3 49	13 51		n.a.
W 4	7 24	27 43	5 10	11 27	1 46	12 58	5 37	19 7	4 2	2 8	1 43	15 10	2 14	23 56	0 16	2 50	1 52	31 8	11 21	3 18	3 47	13 54		n.a.
T 5	7 1	25 2	4 51	10 38	1 40	13 14	5 43	19 11	4 0	2 11	1 43	15 11	2 14	23 56	0 16	2 50	1 52	31 8	11 21	3 16	3 46	13 57		n.a.
F 6	6 39	21 7	4 17	9 48	1 34	13 29	5 50	19 15	3 58	2 14	1 43	15 13	2 14	23 56	0 16	2 51	1 52	31 8	11 21	3 15	3 45	14 0		n.a.
S 7	6 16	16 18	3 31	8 56	1 28	13 43	5 57	19 18	3 55	2 17	1 43	15 14	2 14	23 56	0 16	2 52	1 52	31 8	11 21	3 13	3 43	14 3		n.a.
S 8	5 53	10 53	2 35	8 2	1 21	13 56	6 3	19 21	3 53	2 20	1 43	15 16	2 14	23 56	0 16	2 52	1 52	31 8	11 21	3 12	3 42	14 6		n.a.
M 9	5 30	5 7	1 33	7 8	1 13	14 9	6 9	19 24	3 51	2 23	1 43	15 17	2 13	23 56	0 16	2 53	1 52	31 9	11 21	3 11	3 41	14 9		n.a.
T 10	5 6	0n45	0 28	6 12	1 5	14 20	6 15	19 26	3 48	2 26	1 43	15 19	2 13	23 56	0 16	2 54	1 52	31 9	11 20	3 11	3 40	14 13		n.a.
W11	4 43	6 31	0n38	5 15	0 56	14 31	6 21	19 28	3 46	2 29	1 43	15 20	2 13	23 56	0 16	2 54	1 52	31 9	11 20	3 11	3 38	14 16		n.a.
T 12	4 20	12 0	1 42	4 17	0 47	14 40	6 26	19 30	3 43	2 32	1 43	15 21	2 13	23 56	0 16	2 55	1 52	31 9	11 20	3 11	3 37	14 19		n.a.
F 13	3 57	17 3	2 41	3 18	0 38	14 48	6 32	19 32	3 41	2 35	1 43	15 23	2 13	23 56	0 16	2 56	1 52	31 9	11 20	3 12	3 36	14 22		n.a.
S 14	3 33	21 27	3 34	2 18	0 28	14 56	6 36	19 33	3 38	2 38	1 43	15 24	2 13	23 56	0 16	2 56	1 52	31 9	11 20	3 12	3 35	14 25		n.a.
S 15	3 10	25 2	4 17	1 18	0 17	15 2	6 41	19 34	3 36	2 41	1 44	15 25	2 13	23 56	0 16	2 57	1 52	31 9	11 20	3 13	3 33	14 28		n.a.
M16	2 47	27 34	4 50	0 18	0 7	15 6	6 45	19 35	3 33	2 44	1 44	15 27	2 13	23 56	0 16	2 58	1 52	31 9	11 19	3 13	3 32	14 31		n.a.
T 17	2 23	28 49	5 10	0n42	0n 4	15 10	6 49	19 35	3 31	2 47	1 44	15 28	2 13	23 56	0 16	2 58	1 52	31 9	11 19	3 13	3 31	14 34		n.a.
W18	2 0	28 39	5 17	1 43	0 15	15 12	6 53	19 36	3 28	2 51	1 44	15 29	2 13	23 56	0 16	2 59	1 52	31 9	11 19	3 13	3 30	14 37		n.a.
T 19	1 36	26 57	5 7	2 42	0 26	15 13	6 56	19 36	3 25	2 54	1 44	15 30	2 13	23 57	0 16	2 59	1 52	31 9	11 19	3 13	3 28	14 40		n.a.
F 20	1 13	23 42	4 42	3 41	0 38	15 13	6 59	19 35	3 23	2 57	1 44	15 32	2 13	23 57	0 16	3 0	1 52	31 9	11 19	3 12	3 27	14 43		n.a.
S 21	0 49	19 4	3 59	4 40	0 49	15 11	7 1	19 35	3 20	3 0	1 44	15 33	2 13	23 57	0 16	3 1	1 52	31 9	11 18	3 12	3 26	14 46		n.a.
S 22	0 26	13 15	3 1	5 37	1 0	15 7	7 2	19 34	3 17	3 3	1 44	15 34	2 13	23 57	0 16	3 1	1 52	31 9	11 18	3 11	3 24	14 49		n.a.
M23	0 2	6 34	1 50	6 32	1 11	15 3	7 3	19 33	3 15	3 6	1 43	15 35	2 13	23 57	0 16	3 2	1 52	31 9	11 18	3 11	3 23	14 53		n.a.
T 24	0n21	0s36	0 30	7 26	1 22	14 56	7 4	19 32	3 12	3 9	1 43	15 36	2 13	23 57	0 16	3 3	1 52	31 9	11 18	3 11	3 22	14 56		n.a.
W25	0 45	7 48	0s53	8 19	1 32	14 48	7 3	19 30	3 9	3 12	1 43	15 37	2 13	23 57	0 16	3 3	1 52	31 9	11 17	3 11	3 21	14 59		n.a.
T 26	1 8	14 34	2 13	9 9	1 42	14 39	7 2	19 28	3 7	3 15	1 43	15 38	2 12	23 57	0 16	3 4	1 52	31 8	11 17	3 11	3 19	15 2		n.a.
F 27	1 31	20 28	3 22	9 57	1 51	14 28	7 1	19 26	3 4	3 18	1 43	15 39	2 12	23 57	0 16	3 5	1 52	31 8	11 17	3 11	3 18	15 5		n.a.
S 28	1 55	25 1	4 18	10 43	2 0	14 16	6 58	19 24	3 1	3 21	1 43	15 40	2 12	23 57	0 16	3 5	1 52	31 8	11 17	3 11	3 17	15 8		n.a.
S 29	2 18	27 54	4 56	11 27	2 9	14 2	6 55	19 21	2 59	3 24	1 43	15 41	2 12	23 57	0 16	3 6	1 52	31 8	11 17	3 11	3 16	15 11		n.a.
M30	2 41	28 57	5 15	12 8	2 16	13 47	6 51	19 19	2 56	3 27	1 43	15 42	2 12	23 57	0 16	3 7	1 52	31 8	11 16	3 11	3 14	15 14		n.a.
T 31	3n 5	28s11	5s16	12n47	2n23	13n30	6n47	19n16	2n53	3n30	1n43	15n42	2n12	23s57	0s16	3n 7	1n52	31n 8	11n16	3n11	3n13	15n17		n.a.

Julian Day Number = 1712716.5, Delta T = 02h59m55s
Ecliptic obliquity = 23°42'02, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°23'29, Lahiri = - 4°16'29 Julian Calendar 1 March 24 BCE == Greg. Calendar 27 Feb. 024 BCE

The year -23 astronomical counting style corresponds to year 024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 24 BCE
geocentric

APRIL 24 BCE (-23) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 27 36	8♈38'27	27♉19	28♈32	17°R44	15♌ 2	25°R 6	24°R 3	27♐22	26°R27	0°R56	7♈57	7♈59	4♉31	n.a.	W 1
T 2	12 31 33	9°36'34	10♒16	29°51	17♈10	15° 5	24♍58	24♌ 0	27°22	26♍26	0♌56	7°57	7°55	4°38	n.a.	T 2
F 3	12 35 29	10°34'40	22°56	1♉ 6	16°34	15° 8	24°51	23°58	27°22	26°24	0°56	7°57	7°52	4°45	n.a.	F 3
S 4	12 39 26	11°32'43	5♓22	2°16	15°57	15°12	24°44	23°55	27°R22	26°22	0°55	7°58	7°49	4°51	n.a.	S 4
S 5	12 43 22	12°30'46	17°36	3°21	15°20	15°17	24°37	23°53	27°22	26°21	0°55	7°58	7°46	4°58	n.a.	S 5
M 6	12 47 19	13°28'46	29°40	4°22	14°42	15°23	24°30	23°51	27°22	26°19	0°55	7°58	7°43	5° 5	n.a.	M 6
T 7	12 51 15	14°26'45	11♈38	5°18	14° 4	15°29	24°23	23°49	27°22	26°18	0°55	7°R58	7°39	5°11	n.a.	T 7
W 8	12 55 12	15°24'42	23°30	6°10	13°26	15°36	24°16	23°46	27°22	26°16	0°54	7°58	7°36	5°18	n.a.	W 8
T 9	12 59 9	16°22'38	5♉19	6°56	12°49	15°43	24°10	23°45	27°22	26°15	0°54	7°57	7°33	5°24	n.a.	T 9
F 10	13 3 5	17°20'32	17° 7	7°38	12°12	15°51	24° 3	23°43	27°21	26°13	0°54	7°56	7°30	5°31	n.a.	F 10
S 11	13 7 2	18°18'24	28°57	8°15	11°36	16° 0	23°57	23°41	27°21	26°12	0°54	7°55	7°27	5°38	n.a.	S 11
S 12	13 10 58	19°16'14	10♊51	8°47	11° 0	16°10	23°50	23°39	27°21	26°10	0°54	7°53	7°24	5°44	n.a.	S 12
M13	13 14 55	20°14'03	22°54	9°13	10°27	16°20	23°44	23°38	27°20	26° 9	0°54	7°52	7°20	5°51	n.a.	M13
T 14	13 18 51	21°11'50	5♋ 9	9°35	9°54	16°30	23°38	23°36	27°20	26° 7	0°54	7°51	7°17	5°58	n.a.	T 14
W15	13 22 48	22° 9'35	17°39	9°51	9°23	16°41	23°32	23°35	27°19	26° 6	0°D54	7°D50	7°14	6° 4	n.a.	W15
T 16	13 26 44	23° 7'19	0♌29	10° 3	8°54	16°53	23°26	23°34	27°19	26° 4	0°54	7°50	7°11	6°11	n.a.	T 16
F 17	13 30 41	24° 5'00	13°42	10° 9	8°27	17° 6	23°20	23°32	27°18	26° 3	0°54	7°51	7° 8	6°18	n.a.	F 17
S 18	13 34 38	25° 2'40	27°20	10°R11	8° 1	17°19	23°15	23°31	27°17	26° 2	0°54	7°52	7° 5	6°24	n.a.	S 18
S 19	13 38 34	26° 0'19	11♍25	10° 8	7°38	17°32	23° 9	23°30	27°17	26° 0	0°54	7°53	7° 1	6°31	n.a.	S 19
M20	13 42 31	26°57'55	25°56	10° 0	7°17	17°46	23° 4	23°29	27°16	25°59	0°54	7°54	6°58	6°38	n.a.	M20
T 21	13 46 27	27°55'30	10♎48	9°48	6°59	18° 1	22°58	23°29	27°15	25°57	0°54	7°R55	6°55	6°44	n.a.	T 21
W22	13 50 24	28°53'04	25°55	9°32	6°42	18°16	22°53	23°28	27°14	25°56	0°55	7°54	6°52	6°51	n.a.	W22
T 23	13 54 20	29°50'36	11♏ 9	9°12	6°29	18°31	22°48	23°27	27°13	25°55	0°55	7°52	6°49	6°58	n.a.	T 23
F 24	13 58 17	0♉48'07	26°18	8°48	6°17	18°47	22°44	23°27	27°12	25°54	0°55	7°50	6°45	7° 4	n.a.	F 24
S 25	14 2 13	1°45'37	11♐15	8°22	6° 8	19° 4	22°39	23°26	27°11	25°52	0°55	7°46	6°42	7°11	n.a.	S 25
S 26	14 6 10	2°43'07	25°51	7°53	6° 2	19°21	22°34	23°26	27°10	25°51	0°56	7°43	6°39	7°18	n.a.	S 26
M27	14 10 7	3°40'35	10♑ 2	7°21	5°58	19°38	22°30	23°26	27° 9	25°50	0°56	7°41	6°36	7°24	n.a.	M27
T 28	14 14 3	4°38'02	23°45	6°49	5°D56	19°56	22°26	23°D26	27° 8	25°49	0°56	7°39	6°33	7°31	n.a.	T 28
W29	14 18 0	5°35'29	7♒ 2	6°15	5°57	20°15	22°22	23°26	27° 7	25°47	0°57	7°D39	6°30	7°38	n.a.	W29
T 30	14 21 56	6♉32'54	19♒55	5♉41	5♈59	20♌34	22♍18	23♌26	27♐ 6	25♍46	0♌57	7♈39	6♈26	7♉44	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3n28	25s49	5s 0	13n23	2n29	13n12	6n41	19n13	2n51	3n32	1n43	15n43	2n12	23s57	0s17	3n 8	1n52	31n 8	11n16	3n11	3n12	15n20		n.a.
T 2	3 51	22 10	4 29	13 57	2 35	12 53	6 35	19 10	2 48	3 35	1 43	15 44	2 12	23 57	0 17	3 9	1 52	31 8	11 16	3 11	3 11	15 23		n.a.
F 3	4 14	17 33	3 45	14 28	2 39	12 32	6 28	19 6	2 45	3 38	1 43	15 45	2 12	23 57	0 17	3 9	1 52	31 7	11 15	3 11	3 9	15 26		n.a.
S 4	4 37	12 18	2 51	14 56	2 43	12 11	6 21	19 2	2 43	3 41	1 43	15 45	2 11	23 57	0 17	3 10	1 52	31 7	11 15	3 11	3 8	15 29		n.a.
S 5	5 0	6 39	1 51	15 21	2 45	11 48	6 12	18 58	2 40	3 44	1 42	15 46	2 11	23 57	0 17	3 10	1 52	31 7	11 15	3 12	3 7	15 32		n.a.
M 6	5 23	0 50	0 46	15 44	2 47	11 25	6 3	18 54	2 38	3 46	1 42	15 47	2 11	23 57	0 17	3 11	1 52	31 7	11 15	3 12	3 5	15 35		n.a.
T 7	5 45	4n57	0n20	16 4	2 48	11 1	5 53	18 50	2 35	3 49	1 42	15 47	2 11	23 57	0 17	3 12	1 52	31 7	11 14	3 12	3 4	15 38		n.a.
W 8	6 8	10 32	1 25	16 21	2 48	10 36	5 43	18 46	2 32	3 51	1 42	15 48	2 11	23 57	0 17	3 12	1 52	31 7	11 14	3 12	3 3	15 41		n.a.
T 9	6 30	15 43	2 26	16 36	2 46	10 11	5 31	18 41	2 30	3 54	1 42	15 48	2 11	23 57	0 17	3 13	1 52	31 6	11 14	3 11	3 2	15 44		n.a.
F 10	6 53	20 20	3 20	16 47	2 44	9 46	5 20	18 36	2 27	3 56	1 42	15 49	2 11	23 57	0 17	3 13	1 52	31 6	11 14	3 11	3 0	15 47		n.a.
S 11	7 15	24 9	4 6	16 56	2 41	9 20	5 8	18 31	2 25	3 59	1 42	15 49	2 11	23 57	0 17	3 14	1 52	31 6	11 13	3 10	2 59	15 50		n.a.
S 12	7 37	26 58	4 42	17 3	2 36	8 55	4 55	18 26	2 23	4 1	1 41	15 50	2 10	23 57	0 17	3 15	1 52	31 6	11 13	3 10	2 58	15 53		n.a.
M13	7 59	28 36	5 6	17 6	2 31	8 29	4 42	18 20	2 20	4 4	1 41	15 50	2 10	23 57	0 17	3 15	1 52	31 6	11 13	3 9	2 57	15 56		n.a.
T 14	8 21	28 52	5 16	17 7	2 24	8 4	4 29	18 15	2 18	4 6	1 41	15 51	2 10	23 57	0 17	3 16	1 52	31 5	11 13	3 9	2 55	15 59		n.a.
W15	8 43	27 40	5 12	17 5	2 16	7 39	4 15	18 9	2 15	4 8	1 41	15 51	2 10	23 57	0 17	3 16	1 52	31 5	11 12	3 8	2 54	16 2		n.a.
T 16	9 5	25 1	4 52	17 0	2 8	7 15	4 1	18 3	2 13	4 10	1 41	15 51	2 10	23 57	0 17	3 17	1 52	31 5	11 12	3 9	2 53	16 5		n.a.
F 17	9 26	20 59	4 17	16 53	1 58	6 51	3 47	17 57	2 11	4 13	1 41	15 51	2 10	23 57	0 17	3 17	1 52	31 5	11 12	3 9	2 52	16 8		n.a.
S 18	9 48	15 45	3 26	16 43	1 47	6 28	3 33	17 51	2 8	4 15	1 40	15 52	2 10	23 57	0 17	3 18	1 52	31 4	11 12	3 9	2 50	16 11		n.a.
S 19	10 9	9 32	2 21	16 31	1 35	6 6	3 19	17 45	2 6	4 17	1 40	15 52	2 9	23 57	0 17	3 19	1 52	31 4	11 11	3 10	2 49	16 14		n.a.
M20	10 30	2 38	1 6	16 16	1 22	5 45	3 5	17 38	2 4	4 19	1 40	15 52	2 9	23 57	0 17	3 19	1 52	31 4	11 11	3 10	2 48	16 17		n.a.
T 21	10 51	4s34	0s16	15 59	1 8	5 24	2 51	17 31	2 1	4 21	1 40	15 52	2 9	23 57	0 17	3 20	1 51	31 3	11 11	3 10	2 46	16 20		n.a.
W22	11 12	11 38	1 38	15 40	0 53	5 5	2 37	17 24	1 59	4 22	1 39	15 52	2 9	23 57	0 17	3 20	1 51	31 3	11 11	3 10	2 45	16 23		n.a.
T 23	11 32	18 4	2 53	15 18	0 37	4 47	2 23	17 17	1 57	4 24	1 39	15 52	2 9	23 57	0 17	3 21	1 51	31 3	11 10	3 9	2 44	16 26		n.a.
F 24	11 53	23 21	3 56	14 56	0 21	4 30	2 9	17 10	1 55	4 26	1 39	15 52	2 9	23 57	0 17	3 21	1 51	31 2	11 10	3 8	2 43	16 29		n.a.
S 25	12 13	27 1	4 42	14 31	0 5	4 14	1 56	17 3	1 53	4 27	1 39	15 52	2 9	23 57	0 17	3 21	1 51	31 2	11 10	3 7	2 41	16 32		n.a.
S 26	12 33	28 46	5 8	14 6	0s12	3 59	1 43	16 56	1 50	4 29	1 39	15 52	2 8	23 57	0 17	3 22	1 51	31 2	11 10	3 6	2 40	16 35		n.a.
M27	12 53	28 32	5 14	13 39	0 29	3 46	1 30	16 48	1 48	4 31	1 38	15 52	2 8	23 57	0 17	3 22	1 51	31 2	11 9	3 5	2 39	16 37		n.a.
T 28	13 12	26 32	5 2	13 12	0 47	3 33	1 17	16 40	1 46	4 32	1 38	15 52	2 8	23 57	0 17	3 23	1 51	31 1	11 9	3 4	2 38	16 40		n.a.
W29	13 32	23 8	4 34	12 45	1 4	3 22	1 4	16 32	1 44	4 33	1 38	15 52	2 8	23 57	0 17	3 23	1 51	31 1	11 9	3 4	2 36	16 43		n.a.
T 30	13n51	18s41	3s53	12n18	1s21	3n12	0n52	16n24	1n42	4n35	1n38	15n52	2n 8	23s57	0s17	3n24	1n51	31n 0	11n 9	3n 4	2n35	16n46		n.a.

Julian Day Number = 1712747.5, Delta T = 02h59m54s
Ecliptic obliquity = 23°42'02, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°23'25, Lahiri = - 4°16'24 Julian Calendar 1 Apr. 24 BCE == Greg. Calendar 30 March 024 BCE

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ASTRODIENST EPHEMERIS for the year 24 BCE
geocentric

MAY 24 BCE (-23) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 25 53	7♉30'19	2♓27	5°R 8	6♈ 5	20♌53	22°R14	23♌26	27°R 4	25°R45	0♌58	7♈41	6♈23	7♉51	n.a.	F 1
S 2	14 29 49	8°27'43	14°43	4♉35	6°12	21°13	22♍11	23°27	27♐ 3	25♍44	0°58	7°42	6°20	7°58	n.a.	S 2
S 3	14 33 46	9°25'06	26°47	4° 3	6°22	21°33	22° 8	23°27	27° 2	25°43	0°59	7°44	6°17	8° 4	n.a.	S 3
M 4	14 37 42	10°22'28	8♈42	3°34	6°34	21°53	22° 4	23°28	27° 0	25°42	0°59	7°R44	6°14	8°11	n.a.	M 4
T 5	14 41 39	11°19'49	20°32	3° 7	6°47	22°14	22° 1	23°28	26°59	25°41	1° 0	7°44	6°10	8°18	n.a.	T 5
W 6	14 45 36	12°17'10	2♉20	2°42	7° 3	22°35	21°58	23°29	26°58	25°40	1° 0	7°41	6° 7	8°24	n.a.	W 6
T 7	14 49 32	13°14'30	14° 9	2°21	7°21	22°57	21°56	23°30	26°56	25°39	1° 1	7°37	6° 4	8°31	n.a.	T 7
F 8	14 53 29	14°11'49	25°59	2° 4	7°40	23°19	21°53	23°31	26°54	25°38	1° 2	7°31	6° 1	8°38	n.a.	F 8
S 9	14 57 25	15° 9'07	7♊54	1°50	8° 1	23°42	21°51	23°32	26°53	25°37	1° 2	7°25	5°58	8°44	n.a.	S 9
S 10	15 1 22	16° 6'24	19°55	1°40	8°24	24° 4	21°49	23°33	26°51	25°36	1° 3	7°18	5°55	8°51	n.a.	S 10
M11	15 5 18	17° 3'41	2♋ 4	1°35	8°49	24°28	21°47	23°34	26°50	25°35	1° 4	7°11	5°51	8°58	n.a.	M11
T 12	15 9 15	18° 0'56	14°23	1°D34	9°15	24°51	21°45	23°36	26°48	25°34	1° 5	7° 6	5°48	9° 4	n.a.	T 12
W13	15 13 12	18°58'11	26°56	1°37	9°43	25°15	21°43	23°37	26°46	25°33	1° 5	7° 2	5°45	9°11	n.a.	W13
T 14	15 17 8	19°55'24	9♌44	1°45	10°12	25°39	21°42	23°39	26°45	25°33	1° 6	7° 0	5°42	9°18	n.a.	T 14
F 15	15 21 5	20°52'37	22°53	1°57	10°43	26° 4	21°41	23°40	26°43	25°32	1° 7	6°D59	5°39	9°24	n.a.	F 15
S 16	15 25 1	21°49'49	6♍23	2°14	11°15	26°29	21°40	23°42	26°41	25°31	1° 8	7° 0	5°36	9°31	n.a.	S 16
S 17	15 28 58	22°46'59	20°17	2°36	11°49	26°54	21°39	23°44	26°39	25°30	1° 9	7° 1	5°32	9°38	n.a.	S 17
M18	15 32 54	23°44'09	4♎36	3° 2	12°24	27°19	21°38	23°46	26°37	25°30	1°10	7°R 2	5°29	9°44	n.a.	M18
T 19	15 36 51	24°41'18	19°18	3°32	12°59	27°45	21°38	23°48	26°35	25°29	1°11	7° 1	5°26	9°51	n.a.	T 19
W20	15 40 47	25°38'27	4♏18	4° 7	13°37	28°11	21°37	23°50	26°33	25°28	1°12	6°59	5°23	9°58	n.a.	W20
T 21	15 44 44	26°35'35	19°29	4°46	14°15	28°38	21°D37	23°52	26°31	25°28	1°13	6°54	5°20	10° 4	n.a.	T 21
F 22	15 48 41	27°32'43	4♐42	5°30	14°54	29° 4	21°37	23°54	26°29	25°27	1°14	6°48	5°16	10°11	n.a.	F 22
S 23	15 52 37	28°29'50	19°45	6°17	15°35	29°31	21°37	23°57	26°27	25°27	1°15	6°40	5°13	10°18	n.a.	S 23
S 24	15 56 34	29°26'57	4♑30	7° 9	16°16	29°58	21°38	23°59	26°25	25°26	1°16	6°33	5°10	10°25	n.a.	S 24
M25	16 0 30	0♊24'04	18°50	8° 4	16°59	0♍26	21°38	24° 2	26°23	25°26	1°17	6°26	5° 7	10°31	n.a.	M25
T 26	16 4 27	1°21'11	2♒41	9° 4	17°42	0°54	21°39	24° 5	26°21	25°25	1°18	6°20	5° 4	10°38	n.a.	T 26
W27	16 8 23	2°18'18	16° 2	10° 7	18°27	1°22	21°40	24° 7	26°19	25°25	1°19	6°17	5° 1	10°45	n.a.	W27
T 28	16 12 20	3°15'25	28°57	11°15	19°12	1°50	21°41	24°10	26°17	25°24	1°21	6°D16	4°57	10°51	n.a.	T 28
F 29	16 16 16	4°12'32	11♓28	12°26	19°58	2°19	21°42	24°13	26°15	25°24	1°22	6°16	4°54	10°58	n.a.	F 29
S 30	16 20 13	5° 9'39	23°41	13°41	20°45	2°47	21°44	24°16	26°13	25°24	1°23	6°17	4°51	11° 5	n.a.	S 30
S 31	16 24 10	6♊ 6'46	5♈41	14♉59	21♈33	3♍16	21♍45	24♌19	26♐10	25♍23	1♌24	6°R17	4♈48	11♉11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n10	13s32	3s 2	11n51	1s37	3n 4	0n41	16n16	1n40	4n36	1n37	15n51	2n 8	23s57	0s17	3n24	1n51	31n 0	11n 8	3n 5	2n34	16n49		n.a.
S 2	14 29	7 58	2 3	11 25	1 53	2 56	0 29	16 8	1 38	4 37	1 37	15 51	2 7	23 57	0 17	3 25	1 51	31 0	11 8	3 5	2 32	16 52		n.a.
S 3	14 47	2 12	1 0	11 0	2 9	2 50	0 18	15 59	1 36	4 38	1 37	15 51	2 7	23 57	0 17	3 25	1 51	30 59	11 8	3 6	2 31	16 55		n.a.
M 4	15 6	3n34	0n 5	10 36	2 23	2 44	0 7	15 51	1 34	4 39	1 37	15 51	2 7	23 57	0 17	3 25	1 51	30 59	11 8	3 6	2 30	16 58		n.a.
T 5	15 24	9 11	1 9	10 14	2 37	2 40	0s 3	15 42	1 32	4 40	1 36	15 50	2 7	23 57	0 17	3 26	1 51	30 59	11 7	3 6	2 29	17 1		n.a.
W 6	15 41	14 27	2 10	9 54	2 49	2 37	0 14	15 33	1 30	4 41	1 36	15 50	2 7	23 57	0 17	3 26	1 51	30 58	11 7	3 5	2 27	17 4		n.a.
T 7	15 59	19 12	3 5	9 36	3 1	2 35	0 23	15 24	1 28	4 42	1 36	15 49	2 7	23 57	0 17	3 26	1 51	30 58	11 7	3 3	2 26	17 7		n.a.
F 8	16 16	23 13	3 53	9 20	3 11	2 34	0 33	15 15	1 26	4 43	1 36	15 49	2 6	23 57	0 17	3 27	1 51	30 57	11 7	3 1	2 25	17 10		n.a.
S 9	16 33	26 18	4 30	9 6	3 21	2 34	0 42	15 6	1 25	4 43	1 35	15 48	2 6	23 57	0 17	3 27	1 51	30 57	11 6	2 58	2 24	17 12		n.a.
S 10	16 50	28 14	4 56	8 55	3 29	2 36	0 51	14 56	1 23	4 44	1 35	15 48	2 6	23 57	0 17	3 28	1 51	30 57	11 6	2 56	2 22	17 15		n.a.
M11	17 7	28 49	5 8	8 47	3 35	2 38	0 59	14 47	1 21	4 45	1 35	15 47	2 6	23 57	0 17	3 28	1 51	30 56	11 6	2 53	2 21	17 18		n.a.
T 12	17 23	28 0	5 7	8 41	3 41	2 41	1 7	14 37	1 19	4 45	1 34	15 47	2 6	23 57	0 17	3 28	1 51	30 56	11 6	2 51	2 20	17 21		n.a.
W13	17 39	25 46	4 51	8 38	3 46	2 44	1 15	14 27	1 17	4 45	1 34	15 46	2 6	23 57	0 17	3 28	1 51	30 55	11 5	2 49	2 19	17 24		n.a.
T 14	17 55	22 11	4 21	8 38	3 49	2 49	1 23	14 17	1 15	4 46	1 34	15 45	2 5	23 57	0 17	3 29	1 51	30 55	11 5	2 48	2 17	17 27		n.a.
F 15	18 10	17 26	3 36	8 40	3 51	2 55	1 30	14 7	1 14	4 46	1 34	15 45	2 5	23 57	0 17	3 29	1 51	30 55	11 5	2 48	2 16	17 30		n.a.
S 16	18 25	11 43	2 38	8 45	3 52	3 1	1 37	13 57	1 12	4 46	1 33	15 44	2 5	23 57	0 17	3 29	1 51	30 54	11 5	2 48	2 15	17 33		n.a.
S 17	18 40	5 15	1 29	8 52	3 52	3 8	1 44	13 47	1 10	4 46	1 33	15 43	2 5	23 57	0 17	3 29	1 50	30 54	11 4	2 49	2 13	17 35		n.a.
M18	18 55	1s39	0 13	9 2	3 52	3 16	1 50	13 36	1 8	4 46	1 33	15 42	2 5	23 57	0 17	3 30	1 50	30 53	11 4	2 49	2 12	17 38		n.a.
T 19	19 9	8 39	1s 6	9 14	3 50	3 24	1 56	13 26	1 7	4 46	1 32	15 41	2 5	23 57	0 18	3 30	1 50	30 53	11 4	2 49	2 11	17 41		n.a.
W20	19 23	15 19	2 22	9 28	3 47	3 34	2 2	13 15	1 5	4 46	1 32	15 41	2 4	23 57	0 18	3 30	1 50	30 52	11 4	2 48	2 10	17 44		n.a.
T 21	19 36	21 8	3 28	9 45	3 43	3 44	2 7	13 4	1 3	4 46	1 32	15 40	2 4	23 57	0 18	3 30	1 50	30 52	11 4	2 46	2 8	17 47		n.a.
F 22	19 50	25 34	4 20	10 4	3 39	3 54	2 13	12 53	1 2	4 46	1 32	15 39	2 4	23 57	0 18	3 31	1 50	30 51	11 3	2 44	2 7	17 50		n.a.
S 23	20 3	28 10	4 53	10 24	3 33	4 5	2 17	12 42	1 0	4 45	1 31	15 38	2 4	23 57	0 18	3 31	1 50	30 51	11 3	2 41	2 6	17 52		n.a.
S 24	20 15	28 43	5 6	10 47	3 27	4 17	2 22	12 31	0 59	4 45	1 31	15 37	2 4	23 57	0 18	3 31	1 50	30 51	11 3	2 37	2 5	17 55		n.a.
M25	20 27	27 18	4 59	11 12	3 20	4 29	2 27	12 20	0 57	4 44	1 31	15 36	2 4	23 57	0 18	3 31	1 50	30 50	11 3	2 35	2 3	17 58		n.a.
T 26	20 39	24 14	4 35	11 38	3 13	4 42	2 31	12 8	0 55	4 44	1 30	15 35	2 4	23 57	0 18	3 31	1 50	30 50	11 2	2 33	2 2	18 1		n.a.
W27	20 51	19 57	3 56	12 5	3 5	4 55	2 35	11 57	0 54	4 43	1 30	15 34	2 3	23 57	0 18	3 31	1 50	30 49	11 2	2 31	2 1	18 4		n.a.
T 28	21 2	14 52	3 6	12 35	2 56	5 9	2 39	11 45	0 52	4 42	1 30	15 33	2 3	23 56	0 18	3 31	1 50	30 49	11 2	2 31	1 59	18 7		n.a.
F 29	21 13	9 19	2 9	13 5	2 47	5 24	2 42	11 33	0 51	4 42	1 30	15 31	2 3	23 56	0 18	3 31	1 50	30 48	11 2	2 31	1 58	18 9		n.a.
S 30	21 24	3 33	1 7	13 37	2 37	5 38	2 45	11 21	0 49	4 41	1 29	15 30	2 3	23 56	0 18	3 32	1 50	30 48	11 2	2 31	1 57	18 12		n.a.
S 31	21n34	2n14	0s 3	14n10	2s27	5n53	2s48	11n 9	0n48	4n40	1n29	15n29	2n 3	23s56	0s18	3n32	1n50	30n47	11n 1	2n31	1n56	18n15		n.a.

Julian Day Number = 1712777.5, Delta T = 02h59m53s
Ecliptic obliquity = 23°42'01, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°23'21, Lahiri = - 4°16'20 Julian Calendar 1 May 24 BCE == Greg. Calendar 29 Apr. 024 BCE

The year -23 astronomical counting style corresponds to year 024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 24 BCE
geocentric

JUNE 24 BCE (-23) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 28 6	7♊ 3'54	17♈33	16♉21	22♈21	3♍46	21♍47	24♌23	26°R 8	25°R23	1♌25	6°R16	4♈45	11♉18	n.a.	M 1
T 2	16 32 3	8° 1'01	29°21	17°47	23°10	4°15	21°49	24°26	26♐ 6	25♍23	1°27	6♈14	4°42	11°25	n.a.	T 2
W 3	16 35 59	8°58'09	11♉ 8	19°17	24° 0	4°45	21°51	24°29	26° 4	25°23	1°28	6° 9	4°38	11°31	n.a.	W 3
T 4	16 39 56	9°55'17	22°59	20°49	24°51	5°15	21°54	24°33	26° 1	25°23	1°29	6° 1	4°35	11°38	n.a.	T 4
F 5	16 43 52	10°52'25	4♊55	22°26	25°42	5°45	21°56	24°36	25°59	25°22	1°31	5°51	4°32	11°45	n.a.	F 5
S 6	16 47 49	11°49'33	16°58	24° 5	26°34	6°16	21°59	24°40	25°57	25°22	1°32	5°40	4°29	11°51	n.a.	S 6
S 7	16 51 46	12°46'42	29° 9	25°48	27°26	6°46	22° 2	24°44	25°55	25°22	1°34	5°28	4°26	11°58	n.a.	S 7
M 8	16 55 42	13°43'50	11♋30	27°34	28°19	7°17	22° 5	24°48	25°52	25°22	1°35	5°16	4°22	12° 5	n.a.	M 8
T 9	16 59 39	14°40'59	24° 1	29°24	29°12	7°48	22° 8	24°51	25°50	25°D22	1°36	5° 6	4°19	12°11	n.a.	T 9
W10	17 3 35	15°38'07	6♌43	1♊16	0♉ 7	8°20	22°11	24°55	25°47	25°22	1°38	4°58	4°16	12°18	n.a.	W10
T 11	17 7 32	16°35'16	19°38	3°10	1° 1	8°51	22°15	24°59	25°45	25°22	1°39	4°53	4°13	12°25	n.a.	T 11
F 12	17 11 28	17°32'25	2♍49	5° 8	1°56	9°23	22°18	25° 4	25°43	25°22	1°41	4°51	4°10	12°31	n.a.	F 12
S 13	17 15 25	18°29'33	16°16	7° 8	2°52	9°55	22°22	25° 8	25°40	25°22	1°42	4°D50	4° 7	12°38	n.a.	S 13
S 14	17 19 21	19°26'42	0♎ 2	9° 9	3°48	10°27	22°26	25°12	25°38	25°23	1°44	4°R50	4° 3	12°45	n.a.	S 14
M15	17 23 18	20°23'50	14° 9	11°13	4°44	10°59	22°30	25°17	25°36	25°23	1°45	4°50	4° 0	12°51	n.a.	M15
T 16	17 27 15	21°20'59	28°35	13°18	5°41	11°32	22°35	25°21	25°33	25°23	1°47	4°48	3°57	12°58	n.a.	T 16
W17	17 31 11	22°18'08	13♏18	15°24	6°38	12° 4	22°39	25°26	25°31	25°23	1°49	4°44	3°54	13° 5	n.a.	W17
T 18	17 35 8	23°15'18	28°14	17°31	7°36	12°37	22°44	25°30	25°28	25°23	1°50	4°37	3°51	13°11	n.a.	T 18
F 19	17 39 4	24°12'28	13♐13	19°39	8°34	13°10	22°49	25°35	25°26	25°24	1°52	4°28	3°48	13°18	n.a.	F 19
S 20	17 43 1	25° 9'38	28° 8	21°47	9°33	13°44	22°53	25°40	25°24	25°24	1°53	4°18	3°44	13°25	n.a.	S 20
S 21	17 46 57	26° 6'49	12♑48	23°56	10°32	14°17	22°59	25°44	25°21	25°24	1°55	4° 7	3°41	13°31	n.a.	S 21
M22	17 50 54	27° 4'01	27° 7	26° 3	11°31	14°51	23° 4	25°49	25°19	25°25	1°57	3°57	3°38	13°38	n.a.	M22
T 23	17 54 50	28° 1'14	10♒59	28°11	12°31	15°24	23° 9	25°54	25°16	25°25	1°59	3°49	3°35	13°45	n.a.	T 23
W24	17 58 47	28°58'27	24°24	0♋17	13°31	15°58	23°15	25°59	25°14	25°26	2° 0	3°43	3°32	13°51	n.a.	W24
T 25	18 2 44	29°55'41	7♓21	2°23	14°31	16°32	23°20	26° 4	25°11	25°26	2° 2	3°40	3°28	13°58	n.a.	T 25
F 26	18 6 40	0♋52'57	19°55	4°28	15°32	17° 7	23°26	26° 9	25° 9	25°27	2° 4	3°38	3°25	14° 5	n.a.	F 26
S 27	18 10 37	1°50'13	2♈ 9	6°32	16°33	17°41	23°32	26°15	25° 7	25°27	2° 5	3°38	3°22	14°11	n.a.	S 27
S 28	18 14 33	2°47'30	14° 9	8°34	17°34	18°16	23°38	26°20	25° 4	25°28	2° 7	3°38	3°19	14°18	n.a.	S 28
M29	18 18 30	3°44'49	26° 1	10°35	18°36	18°51	23°45	26°25	25° 2	25°29	2° 9	3°37	3°16	14°25	n.a.	M29
T 30	18 22 26	4♋42'08	7♉50	12♋34	19♉38	19♍26	23♍51	26♌31	25♐ 0	25♍29	2♌11	3♈33	3♈13	14♉32	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n44	7n53	1n 0	14n44	2s16	6n 9	2s51	10n57	0n46	4n39	1n29	15n28	2n 3	23s56	0s18	3n32	1n50	30n47	11n 1	2n31	1n54	18n18		n.a.
T 2	21 53	13 14	2 0	15 19	2 6	6 25	2 54	10 45	0 45	4 38	1 28	15 27	2 2	23 56	0 18	3 32	1 50	30 46	11 1	2 30	1 53	18 21		n.a.
W 3	22 2	18 6	2 55	15 54	1 54	6 41	2 56	10 33	0 43	4 37	1 28	15 25	2 2	23 56	0 18	3 32	1 50	30 46	11 1	2 28	1 52	18 23		n.a.
T 4	22 11	22 18	3 42	16 30	1 43	6 57	2 59	10 20	0 42	4 36	1 28	15 24	2 2	23 56	0 18	3 32	1 50	30 45	11 1	2 25	1 51	18 26		n.a.
F 5	22 19	25 36	4 20	17 7	1 31	7 14	3 1	10 8	0 40	4 34	1 28	15 23	2 2	23 56	0 18	3 32	1 50	30 45	11 1	2 21	1 49	18 29		n.a.
S 6	22 27	27 48	4 46	17 44	1 19	7 31	3 2	9 55	0 39	4 33	1 27	15 21	2 2	23 56	0 18	3 32	1 49	30 44	11 0	2 16	1 48	18 32		n.a.
S 7	22 35	28 42	5 0	18 20	1 7	7 49	3 4	9 42	0 38	4 32	1 27	15 20	2 2	23 56	0 18	3 32	1 49	30 44	11 0	2 12	1 47	18 34		n.a.
M 8	22 42	28 11	5 0	18 57	0 55	8 6	3 6	9 29	0 36	4 30	1 27	15 18	2 2	23 56	0 18	3 32	1 49	30 43	11 0	2 7	1 45	18 37		n.a.
T 9	22 49	26 14	4 46	19 33	0 43	8 24	3 7	9 16	0 35	4 29	1 26	15 17	2 1	23 56	0 18	3 32	1 49	30 43	11 0	2 3	1 44	18 40		n.a.
W10	22 55	22 57	4 18	20 8	0 30	8 42	3 8	9 3	0 33	4 27	1 26	15 15	2 1	23 56	0 18	3 32	1 49	30 42	11 0	2 0	1 43	18 43		n.a.
T 11	23 1	18 29	3 35	20 43	0 19	9 0	3 9	8 50	0 32	4 25	1 26	15 14	2 1	23 56	0 18	3 32	1 49	30 42	11 0	1 58	1 42	18 46		n.a.
F 12	23 7	13 5	2 41	21 17	0 7	9 19	3 10	8 37	0 31	4 24	1 26	15 12	2 1	23 56	0 18	3 31	1 49	30 41	10 59	1 57	1 40	18 48		n.a.
S 13	23 12	6 58	1 37	21 49	0n 5	9 37	3 10	8 23	0 29	4 22	1 25	15 11	2 1	23 56	0 18	3 31	1 49	30 41	10 59	1 56	1 39	18 51		n.a.
S 14	23 17	0 22	0 25	22 19	0 16	9 56	3 11	8 10	0 28	4 20	1 25	15 9	2 1	23 55	0 18	3 31	1 49	30 40	10 59	1 56	1 38	18 54		n.a.
M15	23 21	6s24	0s49	22 48	0 26	10 14	3 11	7 56	0 27	4 18	1 25	15 8	2 1	23 55	0 18	3 31	1 49	30 40	10 59	1 56	1 36	18 56		n.a.
T 16	23 25	12 59	2 2	23 15	0 37	10 33	3 11	7 42	0 25	4 16	1 24	15 6	2 1	23 55	0 18	3 31	1 49	30 39	10 59	1 56	1 35	18 59		n.a.
W17	23 28	19 0	3 9	23 39	0 46	10 52	3 11	7 29	0 24	4 14	1 24	15 4	2 0	23 55	0 18	3 31	1 49	30 39	10 59	1 54	1 34	19 2		n.a.
T 18	23 32	23 55	4 3	24 2	0 55	11 11	3 11	7 15	0 23	4 12	1 24	15 3	2 0	23 55	0 18	3 31	1 49	30 38	10 59	1 51	1 33	19 5		n.a.
F 19	23 34	27 16	4 41	24 21	1 4	11 30	3 11	7 1	0 22	4 10	1 24	15 1	2 0	23 55	0 18	3 31	1 49	30 38	10 58	1 48	1 31	19 7		n.a.
S 20	23 37	28 40	4 59	24 38	1 12	11 49	3 11	6 47	0 20	4 8	1 23	14 59	2 0	23 55	0 18	3 30	1 49	30 37	10 58	1 44	1 30	19 10		n.a.
S 21	23 39	28 0	4 57	24 52	1 19	12 8	3 10	6 33	0 19	4 5	1 23	14 57	2 0	23 55	0 18	3 30	1 49	30 37	10 58	1 39	1 29	19 13		n.a.
M22	23 40	25 29	4 37	25 3	1 25	12 27	3 9	6 18	0 18	4 3	1 23	14 56	2 0	23 55	0 18	3 30	1 49	30 36	10 58	1 35	1 28	19 15		n.a.
T 23	23 41	21 31	4 0	25 12	1 31	12 46	3 9	6 4	0 17	4 0	1 23	14 54	2 0	23 55	0 18	3 30	1 49	30 36	10 58	1 32	1 26	19 18		n.a.
W24	23 42	16 32	3 12	25 17	1 35	13 5	3 8	5 50	0 15	3 58	1 22	14 52	2 0	23 55	0 18	3 29	1 48	30 35	10 58	1 30	1 25	19 21		n.a.
T 25	23 42	10 59	2 14	25 20	1 40	13 24	3 7	5 35	0 14	3 56	1 22	14 50	1 59	23 55	0 18	3 29	1 48	30 34	10 58	1 28	1 24	19 24		n.a.
F 26	23 42	5 8	1 12	25 20	1 43	13 43	3 5	5 21	0 13	3 53	1 22	14 48	1 59	23 55	0 18	3 29	1 48	30 34	10 58	1 28	1 22	19 26		n.a.
S 27	23 41	0n45	0 8	25 18	1 46	14 2	3 4	5 6	0 12	3 50	1 22	14 46	1 59	23 54	0 18	3 29	1 48	30 33	10 58	1 28	1 21	19 29		n.a.
S 28	23 40	6 30	0n55	25 13	1 48	14 20	3 3	4 51	0 11	3 48	1 21	14 44	1 59	23 54	0 18	3 28	1 48	30 33	10 57	1 27	1 20	19 32		n.a.
M29	23 39	11 57	1 56	25 5	1 49	14 39	3 1	4 36	0 9	3 45	1 21	14 42	1 59	23 54	0 18	3 28	1 48	30 32	10 57	1 27	1 19	19 34		n.a.
T 30	23n37	16n57	2n50	24n55	1n50	14n57	3s 0	4n21	0n 8	3n42	1n21	14n40	1n59	23s54	0s18	3n28	1n48	30n32	10n57	1n26	1n17	19n37		n.a.

Julian Day Number = 1712808.5, Delta T = 02h59m52s
Ecliptic obliquity = 23°42'01, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°23'17, Lahiri = - 4°16'16 Julian Calendar 1 June 24 BCE == Greg. Calendar 30 May 024 BCE

The year -23 astronomical counting style corresponds to year 024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 24 BCE
geocentric

JULY 24 BCE (-23) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 26 23	5♋39'29	19♉39	14♋32	20♉40	20♍ 1	23♍58	26♎36	24°R57	25♍30	2♎13	3°R28	3♈ 9	14♉38	n.a.	W 1
T 2	18 30 19	6°36'51	1♊34	16°28	21°43	20°36	24° 4	26°42	24♐55	25°31	2°14	3♈19	3° 6	14°45	n.a.	T 2
F 3	18 34 16	7°34'14	13°37	18°23	22°45	21°11	24°11	26°47	24°52	25°31	2°16	3° 8	3° 3	14°52	n.a.	F 3
S 4	18 38 13	8°31'39	25°50	20°17	23°49	21°47	24°18	26°53	24°50	25°32	2°18	2°56	3° 0	14°58	n.a.	S 4
S 5	18 42 9	9°29'04	8♋15	22° 8	24°52	22°23	24°25	26°59	24°48	25°33	2°20	2°43	2°57	15° 5	n.a.	S 5
M 6	18 46 6	10°26'30	20°51	23°58	25°55	22°59	24°32	27° 5	24°46	25°34	2°22	2°30	2°54	15°12	n.a.	M 6
T 7	18 50 2	11°23'58	3♎39	25°47	26°59	23°35	24°40	27°10	24°43	25°35	2°24	2°18	2°50	15°18	n.a.	T 7
W 8	18 53 59	12°21'26	16°39	27°34	28° 3	24°11	24°47	27°16	24°41	25°36	2°25	2°10	2°47	15°25	n.a.	W 8
T 9	18 57 55	13°18'56	29°50	29°19	29° 7	24°47	24°55	27°22	24°39	25°37	2°27	2° 4	2°44	15°32	n.a.	T 9
F 10	19 1 52	14°16'26	13♍12	1♎ 2	0♊12	25°24	25° 3	27°28	24°36	25°38	2°29	2° 0	2°41	15°38	n.a.	F 10
S 11	19 5 49	15°13'57	26°46	2°45	1°16	26° 0	25°10	27°34	24°34	25°38	2°31	1°D59	2°38	15°45	n.a.	S 11
S 12	19 9 45	16°11'29	10♎33	4°25	2°21	26°37	25°18	27°40	24°32	25°40	2°33	1°R59	2°34	15°52	n.a.	S 12
M13	19 13 42	17° 9'02	24°33	6° 4	3°26	27°14	25°27	27°47	24°30	25°41	2°35	1°59	2°31	15°58	n.a.	M13
T 14	19 17 38	18° 6'37	8♏47	7°42	4°32	27°51	25°35	27°53	24°28	25°42	2°37	1°58	2°28	16° 5	n.a.	T 14
W15	19 21 35	19° 4'12	23°12	9°18	5°37	28°28	25°43	27°59	24°26	25°43	2°39	1°54	2°25	16°12	n.a.	W15
T 16	19 25 31	20° 1'48	7♐45	10°52	6°43	29° 5	25°52	28° 5	24°24	25°44	2°41	1°48	2°22	16°18	n.a.	T 16
F 17	19 29 28	20°59'26	22°21	12°25	7°49	29°43	26° 0	28°12	24°21	25°45	2°43	1°40	2°19	16°25	n.a.	F 17
S 18	19 33 24	21°57'05	6♑54	13°56	8°55	0♎20	26° 9	28°18	24°19	25°46	2°45	1°30	2°15	16°32	n.a.	S 18
S 19	19 37 21	22°54'45	21°16	15°26	10° 1	0°58	26°18	28°25	24°17	25°47	2°47	1°19	2°12	16°39	n.a.	S 19
M20	19 41 18	23°52'26	5♒21	16°54	11° 8	1°36	26°26	28°31	24°15	25°49	2°49	1° 9	2° 9	16°45	n.a.	M20
T 21	19 45 14	24°50'09	19° 5	18°21	12°14	2°14	26°36	28°38	24°13	25°50	2°51	1° 1	2° 6	16°52	n.a.	T 21
W22	19 49 11	25°47'54	2♓25	19°46	13°21	2°52	26°45	28°44	24°11	25°51	2°53	0°56	2° 3	16°59	n.a.	W22
T 23	19 53 7	26°45'40	15°21	21°10	14°28	3°30	26°54	28°51	24°10	25°53	2°55	0°52	2° 0	17° 5	n.a.	T 23
F 24	19 57 4	27°43'28	27°55	22°32	15°35	4° 8	27° 3	28°57	24° 8	25°54	2°57	0°D51	1°56	17°12	n.a.	F 24
S 25	20 1 0	28°41'18	10♈11	23°52	16°42	4°47	27°13	29° 4	24° 6	25°55	2°58	0°52	1°53	17°19	n.a.	S 25
S 26	20 4 57	29°39'10	22°13	25°10	17°50	5°25	27°22	29°11	24° 4	25°57	3° 0	0°52	1°50	17°25	n.a.	S 26
M27	20 8 53	0♎37'03	4♉ 6	26°27	18°58	6° 4	27°32	29°17	24° 2	25°58	3° 2	0°R52	1°47	17°32	n.a.	M27
T 28	20 12 50	1°34'59	15°56	27°42	20° 6	6°43	27°41	29°24	24° 0	26° 0	3° 4	0°51	1°44	17°39	n.a.	T 28
W29	20 16 47	2°32'56	27°48	28°55	21°13	7°22	27°51	29°31	23°59	26° 1	3° 6	0°48	1°40	17°45	n.a.	W29
T 30	20 20 43	3°30'56	9♊46	0♍ 6	22°22	8° 1	28° 1	29°38	23°57	26° 3	3° 8	0°43	1°37	17°52	n.a.	T 30
F 31	20 24 40	4♎28'57	21♊55	1♍15	23♊30	8♎40	28♍11	29♎45	23♐55	26♍ 4	3♎10	0♈35	1♈34	17♉59	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23n35	21n20	3n38	24n43	1n50	15n15	2s58	4n 6	0n 7	3n39	1n21	14n38	1n59	23s54	0s18	3n27	1n48	30n31	10n57	1n23	1n16	19n40			n.a.
T 2	23 32	24 52	4 16	24 28	1 49	15 33	2 56	3 51	0 6	3 36	1 20	14 36	1 59	23 54	0 18	3 27	1 48	30 31	10 57	1 20	1 15	19 42			n.a.
F 3	23 29	27 22	4 43	24 12	1 48	15 51	2 54	3 36	0 5	3 33	1 20	14 34	1 59	23 54	0 18	3 27	1 48	30 30	10 57	1 16	1 14	19 45			n.a.
S 4	23 25	28 36	4 58	23 54	1 46	16 9	2 52	3 21	0 4	3 30	1 20	14 32	1 59	23 54	0 18	3 26	1 48	30 30	10 57	1 11	1 12	19 48			n.a.
S 5	23 21	28 24	4 59	23 34	1 44	16 26	2 50	3 6	0 3	3 27	1 20	14 30	1 58	23 54	0 18	3 26	1 48	30 29	10 57	1 5	1 11	19 50			n.a.
M 6	23 17	26 45	4 45	23 12	1 41	16 44	2 48	2 51	0 2	3 24	1 19	14 28	1 58	23 54	0 18	3 26	1 48	30 29	10 57	1 0	1 10	19 53			n.a.
T 7	23 12	23 42	4 17	22 49	1 37	17 1	2 46	2 35	0 1	3 21	1 19	14 26	1 58	23 54	0 18	3 25	1 48	30 28	10 57	0 56	1 8	19 55			n.a.
W 8	23 7	19 26	3 35	22 24	1 34	17 17	2 43	2 20	0s 1	3 18	1 19	14 24	1 58	23 54	0 18	3 25	1 48	30 28	10 57	0 52	1 7	19 58			n.a.
T 9	23 2	14 10	2 41	21 58	1 29	17 34	2 41	2 4	0 2	3 15	1 19	14 22	1 58	23 53	0 18	3 24	1 48	30 27	10 57	0 50	1 6	20 1			n.a.
F 10	22 56	8 10	1 38	21 31	1 25	17 50	2 38	1 49	0 3	3 11	1 18	14 20	1 58	23 53	0 18	3 24	1 48	30 27	10 57	0 48	1 5	20 3			n.a.
S 11	22 49	1 43	0 28	21 3	1 20	18 6	2 36	1 33	0 4	3 8	1 18	14 17	1 58	23 53	0 18	3 24	1 48	30 26	10 57	0 48	1 3	20 6			n.a.
S 12	22 42	4s55	0s45	20 34	1 14	18 21	2 33	1 17	0 5	3 4	1 18	14 15	1 58	23 53	0 18	3 23	1 47	30 26	10 57	0 48	1 2	20 9			n.a.
M13	22 35	11 25	1 57	20 4	1 8	18 37	2 31	1 1	0 6	3 1	1 18	14 13	1 58	23 53	0 18	3 23	1 47	30 25	10 57	0 48	1 1	20 11			n.a.
T 14	22 28	17 27	3 2	19 33	1 2	18 51	2 28	0 46	0 7	2 57	1 17	14 11	1 58	23 53	0 18	3 22	1 47	30 25	10 57	0 47	1 0	20 14			n.a.
W15	22 20	22 35	3 56	19 1	0 55	19 6	2 25	0 30	0 8	2 54	1 17	14 8	1 58	23 53	0 18	3 22	1 47	30 24	10 57	0 46	0 58	20 16			n.a.
T 16	22 11	26 23	4 36	18 28	0 49	19 20	2 22	0 14	0 9	2 50	1 17	14 6	1 58	23 53	0 18	3 21	1 47	30 24	10 57	0 43	0 57	20 19			n.a.
F 17	22 2	28 26	4 58	17 56	0 42	19 34	2 19	0s 2	0 10	2 47	1 17	14 4	1 58	23 53	0 18	3 21	1 47	30 23	10 57	0 40	0 56	20 21			n.a.
S 18	21 53	28 31	5 1	17 22	0 34	19 47	2 16	0 18	0 11	2 43	1 17	14 2	1 57	23 53	0 18	3 20	1 47	30 23	10 57	0 36	0 54	20 24			n.a.
S 19	21 44	26 40	4 44	16 48	0 26	20 0	2 13	0 34	0 12	2 39	1 16	13 59	1 57	23 53	0 18	3 20	1 47	30 23	10 57	0 32	0 53	20 27			n.a.
M20	21 34	23 11	4 11	16 14	0 19	20 13	2 10	0 50	0 13	2 36	1 16	13 57	1 57	23 52	0 18	3 19	1 47	30 22	10 57	0 28	0 52	20 29			n.a.
T 21	21 24	18 28	3 23	15 40	0 10	20 25	2 6	1 6	0 14	2 32	1 16	13 55	1 57	23 52	0 18	3 18	1 47	30 22	10 57	0 25	0 51	20 32			n.a.
W22	21 13	12 59	2 25	15 5	0 2	20 37	2 3	1 23	0 15	2 28	1 16	13 52	1 57	23 52	0 18	3 18	1 47	30 21	10 57	0 22	0 49	20 34			n.a.
T 23	21 2	7 5	1 22	14 30	0s 6	20 48	2 0	1 39	0 16	2 24	1 16	13 50	1 57	23 52	0 18	3 17	1 47	30 21	10 57	0 21	0 48	20 37			n.a.
F 24	20 51	1 5	0 16	13 55	0 15	20 59	1 57	1 55	0 17	2 20	1 15	13 47	1 57	23 52	0 18	3 17	1 47	30 20	10 57	0 21	0 47	20 39			n.a.
S 25	20 39	4n50	0n50	13 20	0 24	21 9	1 53	2 11	0 18	2 16	1 15	13 45	1 57	23 52	0 18	3 16	1 47	30 20	10 57	0 21	0 45	20 42			n.a.
S 26	20 27	10 28	1 52	12 45	0 33	21 19	1 50	2 28	0 19	2 12	1 15	13 43	1 57	23 52	0 18	3 16	1 47	30 19	10 57	0 21	0 44	20 44			n.a.
M27	20 14	15 39	2 48	12 11	0 42	21 28	1 46	2 44	0 20	2 8	1 15	13 40	1 57	23 52	0 18	3 15	1 47	30 19	10 57	0 21	0 43	20 47			n.a.
T 28	20 1	20 14	3 37	11 36	0 51	21 37	1 43	3 0	0 20	2 4	1 15	13 38	1 57	23 52	0 18	3 14	1 47	30 18	10 57	0 21	0 42	20 50			n.a.
W29	19 48	24 3	4 17	11 2	1 1	21 45	1 39	3 17	0 21	2 0	1 14	13 35	1 57	23 52	0 18	3 14	1 47	30 18	10 57	0 19	0 40	20 52			n.a.
T 30	19 35	26 51	4 45	10 28	1 10	21 53	1 36	3 33	0 22	1 56	1 14	13 33	1 57	23 52	0 18	3 13	1 47	30 18	10 57	0 17	0 39	20 55			n.a.
F 31	19n21	28n28	5n 2	9n54	1s20	22n 0	1s32	3s50	0s23	1n51	1n14	13n30	1n57	23s52	0s18	3n12	1n47	30n17	10n57	0n14	0n38	20n57			n.a.

Julian Day Number = 1712838.5, Delta T = 02h59m51s
Ecliptic obliquity = 23°42'01, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°23'13, Lahiri = - 4°16'12 Julian Calendar 1 July 24 BCE == Greg. Calendar 29 June 024 BCE

The year -23 astronomical counting style corresponds to year 024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 24 BCE
geocentric

AUGUST 24 BCE (-23) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 28 36	5♌27'00	4♋17	2♍22	24♊38	9♎19	28♍21	29♌52	23°R54	26♍ 6	3♌12	0°R26	1♈31	18♉ 5	n.a.	S 1
S 2	20 32 33	6°25'06	16°54	3°26	25°47	9°59	28°32	29°59	23♐52	26° 7	3°14	0♈16	1°28	18°12	n.a.	S 2
M 3	20 36 29	7°23'13	29°47	4°28	26°56	10°38	28°42	0♍ 6	23°51	26° 9	3°16	0° 7	1°25	18°19	n.a.	M 3
T 4	20 40 26	8°21'22	12♌54	5°28	28° 5	11°18	28°52	0°13	23°49	26°11	3°18	29♓58	1°21	18°26	n.a.	T 4
W 5	20 44 22	9°19'32	26°16	6°25	29°14	11°57	29° 3	0°20	23°48	26°12	3°20	29°52	1°18	18°32	n.a.	W 5
T 6	20 48 19	10°17'44	9♍50	7°19	0♋23	12°37	29°13	0°27	23°46	26°14	3°22	29°48	1°15	18°39	n.a.	T 6
F 7	20 52 16	11°15'58	23°34	8°11	1°32	13°17	29°24	0°34	23°45	26°16	3°24	29°D46	1°12	18°46	n.a.	F 7
S 8	20 56 12	12°14'14	7♎26	8°59	2°41	13°57	29°35	0°41	23°44	26°17	3°26	29°46	1° 9	18°52	n.a.	S 8
S 9	21 0 9	13°12'31	21°25	9°43	3°51	14°38	29°45	0°48	23°42	26°19	3°28	29°47	1° 6	18°59	n.a.	S 9
M10	21 4 5	14°10'50	5♏30	10°24	5° 0	15°18	29°56	0°55	23°41	26°21	3°30	29°48	1° 2	19° 6	n.a.	M10
T 11	21 8 2	15° 9'11	19°39	11° 2	6°10	15°58	0♎ 7	1° 3	23°40	26°23	3°32	29°R49	0°59	19°12	n.a.	T 11
W12	21 11 58	16° 7'33	3♐52	11°34	7°20	16°39	0°18	1°10	23°39	26°24	3°34	29°47	0°56	19°19	n.a.	W12
T 13	21 15 55	17° 5'57	18° 5	12° 3	8°30	17°19	0°29	1°17	23°37	26°26	3°36	29°44	0°53	19°26	n.a.	T 13
F 14	21 19 51	18° 4'22	2♑16	12°27	9°40	18° 0	0°41	1°24	23°36	26°28	3°38	29°39	0°50	19°32	n.a.	F 14
S 15	21 23 48	19° 2'50	16°21	12°45	10°50	18°41	0°52	1°31	23°35	26°30	3°40	29°33	0°46	19°39	n.a.	S 15
S 16	21 27 45	20° 1'19	0♒17	12°58	12° 1	19°22	1° 3	1°39	23°34	26°32	3°42	29°27	0°43	19°46	n.a.	S 16
M17	21 31 41	20°59'50	13°59	13° 6	13°11	20° 3	1°15	1°46	23°33	26°34	3°44	29°21	0°40	19°52	n.a.	M17
T 18	21 35 38	21°58'23	27°24	13°R 7	14°22	20°44	1°26	1°53	23°33	26°36	3°46	29°16	0°37	19°59	n.a.	T 18
W19	21 39 34	22°56'58	10♓31	13° 2	15°33	21°25	1°37	2° 1	23°32	26°37	3°48	29°12	0°34	20° 6	n.a.	W19
T 20	21 43 31	23°55'34	23°18	12°50	16°43	22° 7	1°49	2° 8	23°31	26°39	3°49	29°D11	0°31	20°13	n.a.	T 20
F 21	21 47 27	24°54'14	5♈48	12°31	17°54	22°48	2° 1	2°15	23°30	26°41	3°51	29°11	0°27	20°19	n.a.	F 21
S 22	21 51 24	25°52'55	18° 2	12° 5	19° 5	23°29	2°12	2°23	23°29	26°43	3°53	29°12	0°24	20°26	n.a.	S 22
S 23	21 55 20	26°51'39	0♉ 4	11°32	20°17	24°11	2°24	2°30	23°29	26°45	3°55	29°14	0°21	20°33	n.a.	S 23
M24	21 59 17	27°50'25	11°58	10°52	21°28	24°53	2°36	2°37	23°28	26°47	3°57	29°16	0°18	20°39	n.a.	M24
T 25	22 3 14	28°49'13	23°49	10° 5	22°39	25°35	2°48	2°45	23°28	26°49	3°59	29°R17	0°15	20°46	n.a.	T 25
W26	22 7 10	29°48'04	5♊42	9°12	23°51	26°16	3° 0	2°52	23°27	26°51	4° 1	29°16	0°12	20°53	n.a.	W26
T 27	22 11 7	0♍46'57	17°41	8°14	25° 2	26°58	3°12	2°59	23°27	26°53	4° 2	29°15	0° 8	20°59	n.a.	T 27
F 28	22 15 3	1°45'53	29°51	7°12	26°14	27°41	3°24	3° 7	23°26	26°56	4° 4	29°13	0° 5	21° 6	n.a.	F 28
S 29	22 19 0	2°44'51	12♋17	6° 6	27°26	28°23	3°36	3°14	23°26	26°58	4° 6	29° 9	0° 2	21°13	n.a.	S 29
S 30	22 22 56	3°43'51	25° 1	4°59	28°38	29° 5	3°48	3°21	23°25	27° 0	4° 8	29° 5	29♓59	21°19	n.a.	S 30
M31	22 26 53	4♍42'54	8♌ 5	3♍52	29♋50	29♎47	4♎ 1	3♍29	23♐25	27♍ 2	4♌10	29♓ 1	29♓56	21♉26	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n 7	28n42	5n 5	9n21	1s30	22n 7	1s29	4s 6	0s24	1n47	1n14	13n28	1n57	23s52	0s18	3n12	1n47	30n17	10n57	0n10	0n37	21n 0		n.a.
S 2	18 52	27 27	4 53	8 49	1 39	22 13	1 25	4 22	0 25	1 43	1 14	13 25	1 57	23 51	0 18	3 11	1 47	30 16	10 57	0 7	0 35	21 2		n.a.
M 3	18 38	24 45	4 26	8 17	1 49	22 18	1 22	4 39	0 26	1 39	1 13	13 23	1 57	23 51	0 18	3 10	1 46	30 16	10 58	0 3	0 34	21 5		n.a.
T 4	18 22	20 42	3 44	7 46	1 59	22 23	1 18	4 55	0 27	1 34	1 13	13 20	1 57	23 51	0 18	3 10	1 46	30 16	10 58	0s 1	0 33	21 7		n.a.
W 5	18 7	15 34	2 50	7 16	2 8	22 27	1 14	5 12	0 27	1 30	1 13	13 18	1 57	23 51	0 18	3 9	1 46	30 15	10 58	0 3	0 31	21 10		n.a.
T 6	17 51	9 35	1 45	6 47	2 18	22 31	1 11	5 28	0 28	1 26	1 13	13 15	1 57	23 51	0 18	3 8	1 46	30 15	10 58	0 5	0 30	21 12		n.a.
F 7	17 35	3 6	0 33	6 19	2 27	22 34	1 7	5 45	0 29	1 21	1 13	13 12	1 57	23 51	0 18	3 8	1 46	30 14	10 58	0 5	0 29	21 14		n.a.
S 8	17 19	3s37	0s41	5 52	2 37	22 37	1 3	6 1	0 30	1 17	1 13	13 10	1 57	23 51	0 18	3 7	1 46	30 14	10 58	0 5	0 28	21 17		n.a.
S 9	17 2	10 12	1 54	5 27	2 46	22 39	1 0	6 18	0 31	1 12	1 12	13 7	1 57	23 51	0 18	3 6	1 46	30 14	10 58	0 5	0 26	21 19		n.a.
M10	16 45	16 20	3 1	5 3	2 55	22 40	0 56	6 34	0 32	1 8	1 12	13 5	1 57	23 51	0 18	3 5	1 46	30 13	10 58	0 5	0 25	21 22		n.a.
T 11	16 28	21 38	3 57	4 41	3 4	22 41	0 52	6 51	0 32	1 3	1 12	13 2	1 57	23 51	0 18	3 5	1 46	30 13	10 58	0 5	0 24	21 24		n.a.
W12	16 11	25 42	4 38	4 21	3 12	22 41	0 49	7 7	0 33	0 59	1 12	13 0	1 57	23 51	0 18	3 4	1 46	30 12	10 59	0 5	0 23	21 27		n.a.
T 13	15 53	28 11	5 3	4 2	3 20	22 40	0 45	7 24	0 34	0 54	1 12	12 57	1 57	23 51	0 18	3 3	1 46	30 12	10 59	0 6	0 21	21 29		n.a.
F 14	15 35	28 50	5 9	3 46	3 28	22 39	0 42	7 40	0 35	0 49	1 12	12 54	1 57	23 51	0 18	3 2	1 46	30 12	10 59	0 8	0 20	21 32		n.a.
S 15	15 17	27 35	4 56	3 33	3 35	22 37	0 38	7 57	0 36	0 45	1 11	12 52	1 57	23 51	0 18	3 2	1 46	30 11	10 59	0 11	0 19	21 34		n.a.
S 16	14 58	24 38	4 26	3 21	3 41	22 35	0 34	8 13	0 36	0 40	1 11	12 49	1 57	23 51	0 18	3 1	1 46	30 11	10 59	0 13	0 17	21 36		n.a.
M17	14 39	20 20	3 41	3 13	3 47	22 32	0 31	8 30	0 37	0 35	1 11	12 46	1 57	23 50	0 18	3 0	1 46	30 11	10 59	0 16	0 16	21 39		n.a.
T 18	14 20	15 4	2 44	3 8	3 52	22 28	0 27	8 46	0 38	0 30	1 11	12 44	1 57	23 50	0 18	2 59	1 46	30 10	11 0	0 18	0 15	21 41		n.a.
W19	14 1	9 15	1 40	3 7	3 56	22 24	0 24	9 2	0 39	0 26	1 11	12 41	1 57	23 50	0 18	2 58	1 46	30 10	11 0	0 19	0 14	21 44		n.a.
T 20	13 41	3 11	0 32	3 8	3 59	22 19	0 20	9 19	0 39	0 21	1 11	12 39	1 57	23 50	0 18	2 58	1 46	30 10	11 0	0 20	0 12	21 46		n.a.
F 21	13 22	2n53	0n36	3 14	4 1	22 13	0 17	9 35	0 40	0 16	1 11	12 36	1 57	23 50	0 18	2 57	1 46	30 10	11 0	0 20	0 11	21 49		n.a.
S 22	13 2	8 42	1 41	3 24	4 1	22 7	0 13	9 51	0 41	0 11	1 10	12 33	1 57	23 50	0 18	2 56	1 46	30 9	11 0	0 19	0 10	21 51		n.a.
S 23	12 42	14 7	2 41	3 37	4 0	22 0	0 10	10 7	0 42	0 6	1 10	12 31	1 57	23 50	0 18	2 55	1 46	30 9	11 0	0 19	0 8	21 53		n.a.
M24	12 21	18 58	3 33	3 55	3 57	21 52	0 6	10 23	0 42	0 2	1 10	12 28	1 57	23 50	0 18	2 54	1 46	30 9	11 1	0 18	0 7	21 56		n.a.
T 25	12 1	23 3	4 16	4 17	3 52	21 44	0 3	10 39	0 43	0s 3	1 10	12 25	1 57	23 50	0 18	2 54	1 46	30 8	11 1	0 17	0 6	21 58		n.a.
W26	11 40	26 12	4 47	4 43	3 46	21 35	0n 1	10 56	0 44	0 8	1 10	12 23	1 57	23 50	0 18	2 53	1 46	30 8	11 1	0 17	0 5	22 0		n.a.
T 27	11 19	28 13	5 7	5 13	3 37	21 25	0 4	11 12	0 44	0 13	1 10	12 20	1 57	23 50	0 18	2 52	1 46	30 8	11 1	0 18	0 3	22 3		n.a.
F 28	10 58	28 55	5 13	5 46	3 27	21 15	0 7	11 28	0 45	0 18	1 10	12 17	1 57	23 50	0 18	2 51	1 46	30 8	11 1	0 19	0 2	22 5		n.a.
S 29	10 36	28 11	5 5	6 22	3 14	21 4	0 11	11 43	0 46	0 23	1 10	12 15	1 57	23 50	0 18	2 50	1 46	30 7	11 2	0 20	0 1	22 7		n.a.
S 30	10 15	25 59	4 42	7 0	3 0	20 53	0 14	11 59	0 46	0 28	1 9	12 12	1 57	23 50	0 18	2 49	1 46	30 7	11 2	0 22	0s 0	22 10		n.a.
M31	9n53	22n22	4n 4	7n39	2s44	20n41	0n17	12s15	0s47	0s33	1n 9	12n 9	1n57	23s50	0s18	2n48	1n46	30n 7	11n 2	0s24	0s 2	22n12		n.a.

Julian Day Number = 1712869.5, Delta T = 02h59m50s
Ecliptic obliquity = 23°42'01, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°23'08, Lahiri = - 4°16'08 Julian Calendar 1 Aug. 24 BCE == Greg. Calendar 30 July 024 BCE

The year -23 astronomical counting style corresponds to year 024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 24 BCE
geocentric

SEPTEMBER 24 BCE (-23) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 30 49	5♍41'58	21♌29	2°R47	1♌ 2	0♏30	4♎13	3♍36	23°R25	27♍ 4	4♌11	28°R58	29♓52	21♉33	n.a.	T 1
W 2	22 34 46	6°41'05	5♍11	1♍45	2°14	1°12	4°25	3°44	23♐25	27° 6	4°13	28♓55	29°49	21°40	n.a.	W 2
T 3	22 38 42	7°40'14	19°10	0°48	3°26	1°55	4°38	3°51	23°25	27° 8	4°15	28°54	29°46	21°46	n.a.	T 3
F 4	22 42 39	8°39'25	3♎20	29♌58	4°38	2°38	4°50	3°58	23°25	27°10	4°17	28°D54	29°43	21°53	n.a.	F 4
S 5	22 46 36	9°38'39	17°39	29°17	5°51	3°21	5° 3	4° 6	23°D25	27°12	4°18	28°54	29°40	22° 0	n.a.	S 5
S 6	22 50 32	10°37'54	2♏ 1	28°44	7° 3	4° 3	5°15	4°13	23°25	27°15	4°20	28°56	29°37	22° 6	n.a.	S 6
M 7	22 54 29	11°37'11	16°23	28°21	8°16	4°46	5°28	4°20	23°25	27°17	4°22	28°57	29°33	22°13	n.a.	M 7
T 8	22 58 25	12°36'30	0♐41	28° 9	9°28	5°29	5°40	4°28	23°25	27°19	4°23	28°58	29°30	22°20	n.a.	T 8
W 9	23 2 22	13°35'50	14°52	28°D 8	10°41	6°13	5°53	4°35	23°25	27°21	4°25	28°R58	29°27	22°26	n.a.	W 9
T 10	23 6 18	14°35'13	28°54	28°17	11°54	6°56	6° 6	4°42	23°25	27°23	4°26	28°58	29°24	22°33	n.a.	T 10
F 11	23 10 15	15°34'38	12♑47	28°37	13° 7	7°39	6°18	4°50	23°25	27°26	4°28	28°57	29°21	22°40	n.a.	F 11
S 12	23 14 11	16°34'04	26°28	29° 6	14°20	8°23	6°31	4°57	23°26	27°28	4°30	28°55	29°17	22°46	n.a.	S 12
S 13	23 18 8	17°33'32	9♒56	29°45	15°33	9° 6	6°44	5° 4	23°26	27°30	4°31	28°54	29°14	22°53	n.a.	S 13
M14	23 22 5	18°33'02	23°11	0♍33	16°46	9°50	6°57	5°11	23°27	27°32	4°33	28°52	29°11	23° 0	n.a.	M14
T 15	23 26 1	19°32'34	6♓13	1°28	17°59	10°33	7° 9	5°19	23°27	27°34	4°34	28°51	29° 8	23° 7	n.a.	T 15
W16	23 29 58	20°32'08	19° 0	2°31	19°12	11°17	7°22	5°26	23°28	27°37	4°36	28°50	29° 5	23°13	n.a.	W16
T 17	23 33 54	21°31'45	1♈33	3°40	20°26	12° 1	7°35	5°33	23°28	27°39	4°37	28°D50	29° 2	23°20	n.a.	T 17
F 18	23 37 51	22°31'23	13°54	4°54	21°39	12°45	7°48	5°40	23°29	27°41	4°39	28°51	28°58	23°27	n.a.	F 18
S 19	23 41 47	23°31'03	26° 2	6°14	22°53	13°28	8° 1	5°47	23°30	27°43	4°40	28°51	28°55	23°33	n.a.	S 19
S 20	23 45 44	24°30'46	8♉ 2	7°37	24° 6	14°12	8°14	5°54	23°30	27°46	4°42	28°52	28°52	23°40	n.a.	S 20
M21	23 49 40	25°30'31	19°55	9° 4	25°20	14°57	8°27	6° 2	23°31	27°48	4°43	28°52	28°49	23°47	n.a.	M21
T 22	23 53 37	26°30'19	1♊46	10°34	26°34	15°41	8°40	6° 9	23°32	27°50	4°44	28°52	28°46	23°53	n.a.	T 22
W23	23 57 34	27°30'09	13°38	12° 6	27°47	16°25	8°53	6°16	23°33	27°52	4°46	28°53	28°43	24° 0	n.a.	W23
T 24	0 1 30	28°30'01	25°36	13°41	29° 1	17° 9	9° 6	6°23	23°34	27°55	4°47	28°53	28°39	24° 7	n.a.	T 24
F 25	0 5 27	29°29'55	7♋44	15°17	0♍15	17°54	9°19	6°30	23°35	27°57	4°48	28°53	28°36	24°14	n.a.	F 25
S 26	0 9 23	0♎29'52	20° 8	16°54	1°29	18°38	9°33	6°37	23°36	27°59	4°50	28°53	28°33	24°20	n.a.	S 26
S 27	0 13 20	1°29'51	2♌51	18°32	2°43	19°23	9°46	6°44	23°37	28° 1	4°51	28°53	28°30	24°27	n.a.	S 27
M28	0 17 16	2°29'52	15°56	20°11	3°57	20° 7	9°59	6°51	23°38	28° 4	4°52	28°53	28°27	24°34	n.a.	M28
T 29	0 21 13	3°29'55	29°26	21°51	5°11	20°52	10°12	6°57	23°39	28° 6	4°53	28°54	28°23	24°40	n.a.	T 29
W30	0 25 9	4♎30'01	13♍20	23♍30	6♍25	21♏36	10♎25	7♍ 4	23♐41	28♍ 8	4♌54	28♓54	28♓20	24♉47	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9n31	17n31	3n11	8n19	2s27	20n28	0n20	12s31	0s48	0s38	1n 9	12n 7	1n57	23s50	0s18	2n48	1n46	30n 7	11n 2	0s25	0s 3	22n15		n.a.
W 2	9 9	11 41	2 7	8 59	2 8	20 15	0 23	12 46	0 48	0 43	1 9	12 4	1 57	23 50	0 18	2 47	1 46	30 6	11 3	0 26	0 4	22 17		n.a.
T 3	8 47	5 9	0 53	9 37	1 48	20 1	0 26	13 2	0 49	0 48	1 9	12 1	1 57	23 50	0 18	2 46	1 46	30 6	11 3	0 27	0 6	22 19		n.a.
F 4	8 25	1s43	0s25	10 14	1 28	19 47	0 29	13 17	0 50	0 53	1 9	11 59	1 57	23 50	0 18	2 45	1 46	30 6	11 3	0 27	0 7	22 21		n.a.
S 5	8 2	8 34	1 42	10 47	1 8	19 32	0 32	13 33	0 50	0 58	1 9	11 56	1 57	23 50	0 18	2 44	1 46	30 6	11 3	0 26	0 8	22 24		n.a.
S 6	7 40	15 0	2 53	11 17	0 48	19 17	0 35	13 48	0 51	1 4	1 9	11 53	1 57	23 50	0 18	2 43	1 46	30 6	11 4	0 26	0 9	22 26		n.a.
M 7	7 17	20 38	3 53	11 43	0 29	19 0	0 38	14 3	0 51	1 9	1 9	11 51	1 58	23 50	0 18	2 42	1 46	30 6	11 4	0 25	0 11	22 28		n.a.
T 8	6 54	25 3	4 38	12 5	0 10	18 44	0 41	14 19	0 52	1 14	1 8	11 48	1 58	23 50	0 18	2 41	1 46	30 5	11 4	0 25	0 12	22 31		n.a.
W 9	6 31	27 54	5 7	12 22	0n 8	18 27	0 43	14 34	0 53	1 19	1 8	11 45	1 58	23 50	0 18	2 41	1 46	30 5	11 4	0 25	0 13	22 33		n.a.
T 10	6 8	28 58	5 16	12 35	0 24	18 9	0 46	14 49	0 53	1 24	1 8	11 43	1 58	23 50	0 18	2 40	1 46	30 5	11 5	0 25	0 15	22 35		n.a.
F 11	5 45	28 10	5 7	12 42	0 40	17 50	0 49	15 4	0 54	1 29	1 8	11 40	1 58	23 50	0 18	2 39	1 46	30 5	11 5	0 25	0 16	22 38		n.a.
S 12	5 21	25 40	4 40	12 45	0 54	17 32	0 51	15 18	0 54	1 34	1 8	11 38	1 58	23 50	0 18	2 38	1 46	30 5	11 5	0 26	0 17	22 40		n.a.
S 13	4 58	21 47	3 59	12 43	1 6	17 12	0 54	15 33	0 55	1 40	1 8	11 35	1 58	23 50	0 18	2 37	1 46	30 5	11 6	0 27	0 18	22 42		n.a.
M14	4 35	16 50	3 5	12 36	1 17	16 52	0 56	15 48	0 55	1 45	1 8	11 32	1 58	23 50	0 18	2 36	1 46	30 5	11 6	0 27	0 20	22 44		n.a.
T 15	4 11	11 13	2 2	12 25	1 27	16 32	0 59	16 2	0 56	1 50	1 8	11 30	1 58	23 50	0 18	2 35	1 46	30 4	11 6	0 28	0 21	22 47		n.a.
W16	3 47	5 14	0 54	12 10	1 36	16 11	1 1	16 16	0 56	1 55	1 8	11 27	1 58	23 50	0 18	2 34	1 46	30 4	11 6	0 28	0 22	22 49		n.a.
T 17	3 24	0n51	0n15	11 52	1 43	15 50	1 3	16 31	0 57	2 0	1 8	11 24	1 58	23 50	0 18	2 33	1 46	30 4	11 7	0 28	0 23	22 51		n.a.
F 18	3 0	6 48	1 23	11 30	1 48	15 28	1 5	16 45	0 57	2 6	1 8	11 22	1 58	23 50	0 18	2 32	1 46	30 4	11 7	0 28	0 25	22 53		n.a.
S 19	2 36	12 25	2 25	11 4	1 53	15 6	1 7	16 59	0 58	2 11	1 8	11 19	1 59	23 50	0 18	2 32	1 46	30 4	11 7	0 28	0 26	22 56		n.a.
S 20	2 12	17 30	3 21	10 36	1 57	14 43	1 10	17 12	0 59	2 16	1 7	11 17	1 59	23 50	0 18	2 31	1 46	30 4	11 8	0 27	0 27	22 58		n.a.
M21	1 48	21 52	4 7	10 5	1 59	14 20	1 11	17 26	0 59	2 21	1 7	11 14	1 59	23 50	0 18	2 30	1 46	30 4	11 8	0 27	0 29	23 0		n.a.
T 22	1 24	25 21	4 43	9 32	2 0	13 57	1 13	17 40	0 59	2 27	1 7	11 12	1 59	23 50	0 18	2 29	1 46	30 4	11 8	0 27	0 30	23 2		n.a.
W23	1 0	27 45	5 6	8 57	2 1	13 33	1 15	17 53	1 0	2 32	1 7	11 9	1 59	23 50	0 18	2 28	1 46	30 4	11 9	0 27	0 31	23 4		n.a.
T 24	0 36	28 54	5 17	8 21	2 1	13 9	1 17	18 6	1 0	2 37	1 7	11 7	1 59	23 50	0 18	2 27	1 46	30 4	11 9	0 27	0 32	23 7		n.a.
F 25	0 12	28 41	5 13	7 42	2 0	12 44	1 19	18 19	1 1	2 42	1 7	11 4	1 59	23 50	0 18	2 26	1 46	30 4	11 9	0 27	0 34	23 9		n.a.
S 26	0s12	27 3	4 56	7 2	1 58	12 19	1 20	18 32	1 1	2 48	1 7	11 2	1 59	23 50	0 18	2 25	1 46	30 4	11 10	0 27	0 35	23 11		n.a.
S 27	0 36	24 0	4 23	6 22	1 56	11 53	1 22	18 45	1 2	2 53	1 7	10 59	2 0	23 50	0 18	2 24	1 46	30 4	11 10	0 27	0 36	23 13		n.a.
M28	1 0	19 40	3 36	5 40	1 54	11 27	1 23	18 58	1 2	2 58	1 7	10 57	2 0	23 50	0 18	2 23	1 46	30 4	11 10	0 27	0 38	23 15		n.a.
T 29	1 24	14 14	2 36	4 57	1 50	11 1	1 25	19 10	1 3	3 4	1 7	10 54	2 0	23 50	0 18	2 23	1 46	30 4	11 11	0 27	0 39	23 18		n.a.
W30	1s48	7n56	1n25	4n14	1n47	10n35	1n26	19s23	1s 3	3s 9	1n 7	10n52	2n 0	23s51	0s18	2n22	1n46	30n 4	11n11	0s27	0s40	23n20		n.a.

Julian Day Number = 1712900.5, Delta T = 02h59m50s
Ecliptic obliquity = 23°42'02, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°23'04, Lahiri = - 4°16'04 Julian Calendar 1 Sept. 24 BCE == Greg. Calendar 30 Aug. 024 BCE

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ASTRODIENST EPHEMERIS for the year 24 BCE
geocentric

OCTOBER 24 BCE (-23) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 29 6	5♎30'08	27♍36	25♍10	7♍40	22♏21	10♎38	7♍11	23♐42	28♍10	4♌56	28°R54	28♓17	24♉54	n.a.	T 1
F 2	0 33 2	6°30'18	12♎10	26°50	8°54	23° 6	10°52	7°18	23°43	28°13	4°57	28♓54	28°14	25° 0	n.a.	F 2
S 3	0 36 59	7°30'29	26°56	28°30	10° 8	23°51	11° 5	7°25	23°45	28°15	4°58	28°53	28°11	25° 7	n.a.	S 3
S 4	0 40 56	8°30'42	11♏47	0♎10	11°22	24°36	11°18	7°31	23°46	28°17	4°59	28°52	28° 8	25°14	n.a.	S 4
M 5	0 44 52	9°30'58	26°34	1°50	12°37	25°21	11°31	7°38	23°48	28°19	5° 0	28°51	28° 4	25°21	n.a.	M 5
T 6	0 48 49	10°31'14	11♐11	3°29	13°51	26° 6	11°45	7°45	23°49	28°21	5° 1	28°50	28° 1	25°27	n.a.	T 6
W 7	0 52 45	11°31'33	25°34	5° 9	15° 6	26°51	11°58	7°51	23°51	28°24	5° 2	28°49	27°58	25°34	n.a.	W 7
T 8	0 56 42	12°31'53	9♑38	6°48	16°20	27°37	12°11	7°58	23°52	28°26	5° 3	28°D48	27°55	25°41	n.a.	T 8
F 9	1 0 38	13°32'14	23°23	8°26	17°35	28°22	12°24	8° 4	23°54	28°28	5° 4	28°49	27°52	25°47	n.a.	F 9
S 10	1 4 35	14°32'37	6♒50	10° 4	18°50	29° 7	12°37	8°11	23°56	28°30	5° 5	28°49	27°49	25°54	n.a.	S 10
S 11	1 8 31	15°33'01	19°58	11°42	20° 4	29°53	12°51	8°17	23°58	28°32	5° 6	28°51	27°45	26° 1	n.a.	S 11
M12	1 12 28	16°33'27	2♓52	13°20	21°19	0♐38	13° 4	8°23	23°59	28°34	5° 7	28°52	27°42	26° 7	n.a.	M12
T 13	1 16 25	17°33'54	15°31	14°57	22°34	1°24	13°17	8°30	24° 1	28°37	5° 7	28°53	27°39	26°14	n.a.	T 13
W14	1 20 21	18°34'23	27°59	16°34	23°48	2° 9	13°30	8°36	24° 3	28°39	5° 8	28°R54	27°36	26°21	n.a.	W14
T 15	1 24 18	19°34'53	10♈16	18°11	25° 3	2°55	13°44	8°42	24° 5	28°41	5° 9	28°53	27°33	26°28	n.a.	T 15
F 16	1 28 14	20°35'25	22°24	19°47	26°18	3°41	13°57	8°48	24° 7	28°43	5°10	28°52	27°29	26°34	n.a.	F 16
S 17	1 32 11	21°35'59	4♉26	21°23	27°33	4°26	14°10	8°54	24° 9	28°45	5°11	28°49	27°26	26°41	n.a.	S 17
S 18	1 36 7	22°36'34	16°21	22°59	28°48	5°12	14°23	9° 0	24°11	28°47	5°11	28°45	27°23	26°48	n.a.	S 18
M19	1 40 4	23°37'12	28°13	24°34	0♎ 3	5°58	14°36	9° 6	24°13	28°49	5°12	28°41	27°20	26°54	n.a.	M19
T 20	1 44 0	24°37'50	10♊ 4	26° 9	1°18	6°44	14°50	9°12	24°16	28°51	5°13	28°36	27°17	27° 1	n.a.	T 20
W21	1 47 57	25°38'31	21°56	27°44	2°33	7°30	15° 3	9°18	24°18	28°53	5°13	28°32	27°14	27° 8	n.a.	W21
T 22	1 51 54	26°39'13	3♋53	29°19	3°48	8°16	15°16	9°24	24°20	28°56	5°14	28°29	27°10	27°15	n.a.	T 22
F 23	1 55 50	27°39'57	15°58	0♏53	5° 3	9° 2	15°29	9°30	24°22	28°58	5°14	28°27	27° 7	27°21	n.a.	F 23
S 24	1 59 47	28°40'43	28°17	2°27	6°18	9°48	15°42	9°35	24°25	29° 0	5°15	28°D26	27° 4	27°28	n.a.	S 24
S 25	2 3 43	29°41'31	10♌54	4° 1	7°33	10°34	15°55	9°41	24°27	29° 2	5°15	28°26	27° 1	27°35	n.a.	S 25
M26	2 7 40	0♏42'20	23°52	5°35	8°48	11°20	16° 8	9°46	24°29	29° 4	5°16	28°28	26°58	27°41	n.a.	M26
T 27	2 11 36	1°43'10	7♍16	7° 9	10° 3	12° 6	16°21	9°52	24°32	29° 6	5°16	28°30	26°54	27°48	n.a.	T 27
W28	2 15 33	2°44'02	21° 8	8°43	11°19	12°53	16°34	9°57	24°34	29° 8	5°16	28°31	26°51	27°55	n.a.	W28
T 29	2 19 29	3°44'56	5♎27	10°16	12°34	13°39	16°47	10° 3	24°37	29° 9	5°17	28°R31	26°48	28° 1	n.a.	T 29
F 30	2 23 26	4°45'51	20°11	11°50	13°49	14°25	17° 0	10° 8	24°39	29°11	5°17	28°29	26°45	28° 8	n.a.	F 30
S 31	2 27 23	5♏46'48	5♏14	13♏23	15♎ 4	15♐12	17♎13	10♍13	24♐42	29♍13	5♌17	28♓26	26♓42	28♉15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	2s13	1n 5	0n 7	3n30	1n42	10n 8	1n27	19s35	1s 4	3s14	1n 7	10n49	2n 0	23s51	0s18	2n21	1n46	30n 4	11n11	0s26	0s41	23n22			n.a.
F 2	2 37	5s59	1s13	2 46	1 38	9 41	1 28	19 47	1 4	3 19	1 7	10 47	2 0	23 51	0 18	2 20	1 46	30 4	11 12	0 27	0 43	23 24			n.a.
S 3	3 1	12 48	2 29	2 1	1 33	9 14	1 30	19 59	1 4	3 25	1 7	10 44	2 0	23 51	0 18	2 19	1 46	30 4	11 12	0 27	0 44	23 26			n.a.
S 4	3 25	18 57	3 36	1 17	1 28	8 46	1 31	20 10	1 5	3 30	1 7	10 42	2 0	23 51	0 18	2 18	1 46	30 4	11 13	0 27	0 45	23 28			n.a.
M 5	3 49	23 56	4 28	0 32	1 23	8 18	1 31	20 22	1 5	3 35	1 7	10 40	2 1	23 51	0 18	2 17	1 46	30 4	11 13	0 28	0 46	23 30			n.a.
T 6	4 13	27 20	5 2	0s13	1 17	7 50	1 32	20 33	1 5	3 40	1 7	10 37	2 1	23 51	0 18	2 16	1 46	30 4	11 13	0 28	0 48	23 33			n.a.
W 7	4 36	28 53	5 16	0 58	1 12	7 22	1 33	20 44	1 6	3 46	1 7	10 35	2 1	23 51	0 18	2 16	1 46	30 4	11 14	0 29	0 49	23 35			n.a.
T 8	5 0	28 31	5 11	1 43	1 6	6 53	1 34	20 55	1 6	3 51	1 7	10 33	2 1	23 51	0 18	2 15	1 46	30 5	11 14	0 29	0 50	23 37			n.a.
F 9	5 24	26 22	4 48	2 28	1 0	6 24	1 34	21 6	1 7	3 56	1 6	10 30	2 1	23 51	0 18	2 14	1 46	30 5	11 14	0 29	0 52	23 39			n.a.
S 10	5 48	22 47	4 10	3 13	0 53	5 55	1 35	21 16	1 7	4 1	1 6	10 28	2 1	23 51	0 18	2 13	1 46	30 5	11 15	0 28	0 53	23 41			n.a.
S 11	6 11	18 7	3 19	3 57	0 47	5 26	1 36	21 26	1 7	4 7	1 6	10 26	2 2	23 51	0 18	2 12	1 46	30 5	11 15	0 28	0 54	23 43			n.a.
M12	6 35	12 43	2 19	4 42	0 41	4 57	1 36	21 36	1 8	4 12	1 6	10 23	2 2	23 51	0 18	2 11	1 46	30 5	11 16	0 27	0 55	23 45			n.a.
T 13	6 58	6 54	1 13	5 26	0 34	4 27	1 36	21 46	1 8	4 17	1 6	10 21	2 2	23 51	0 18	2 10	1 46	30 5	11 16	0 27	0 57	23 47			n.a.
W14	7 21	0 53	0 5	6 9	0 28	3 58	1 36	21 56	1 8	4 22	1 6	10 19	2 2	23 52	0 18	2 10	1 46	30 5	11 16	0 27	0 58	23 49			n.a.
T 15	7 45	5n 4	1n 2	6 53	0 21	3 28	1 37	22 5	1 8	4 27	1 6	10 17	2 2	23 52	0 18	2 9	1 46	30 6	11 17	0 27	0 59	23 51			n.a.
F 16	8 8	10 45	2 6	7 36	0 15	2 58	1 37	22 14	1 9	4 33	1 6	10 15	2 2	23 52	0 18	2 8	1 46	30 6	11 17	0 27	1 0	23 53			n.a.
S 17	8 31	16 0	3 3	8 18	0 8	2 28	1 37	22 23	1 9	4 38	1 6	10 12	2 3	23 52	0 18	2 7	1 46	30 6	11 18	0 29	1 2	23 55			n.a.
S 18	8 53	20 36	3 52	9 0	0 1	1 58	1 37	22 32	1 9	4 43	1 6	10 10	2 3	23 52	0 18	2 6	1 46	30 6	11 18	0 30	1 3	23 58			n.a.
M19	9 16	24 22	4 30	9 42	0s 5	1 27	1 37	22 41	1 10	4 48	1 6	10 8	2 3	23 52	0 18	2 5	1 46	30 6	11 18	0 32	1 4	24 0			n.a.
T 20	9 39	27 6	4 57	10 23	0 12	0 57	1 36	22 49	1 10	4 53	1 6	10 6	2 3	23 52	0 18	2 5	1 46	30 7	11 19	0 34	1 6	24 2			n.a.
W21	10 1	28 37	5 11	11 4	0 18	0 27	1 36	22 57	1 10	4 58	1 6	10 4	2 3	23 52	0 18	2 4	1 46	30 7	11 19	0 35	1 7	24 4			n.a.
T 22	10 23	28 50	5 12	11 44	0 25	0s 4	1 36	23 5	1 10	5 3	1 6	10 2	2 3	23 52	0 18	2 3	1 46	30 7	11 20	0 37	1 8	24 6			n.a.
F 23	10 45	27 40	4 59	12 24	0 31	0 34	1 35	23 12	1 11	5 9	1 6	10 0	2 4	23 52	0 18	2 2	1 46	30 7	11 20	0 38	1 9	24 8			n.a.
S 24	11 7	25 10	4 32	13 3	0 37	1 5	1 35	23 20	1 11	5 14	1 6	9 58	2 4	23 52	0 18	2 1	1 46	30 8	11 20	0 38	1 11	24 10			n.a.
S 25	11 29	21 23	3 51	13 41	0 44	1 35	1 34	23 27	1 11	5 19	1 6	9 56	2 4	23 53	0 18	2 1	1 46	30 8	11 21	0 38	1 12	24 12			n.a.
M26	11 51	16 30	2 58	14 19	0 50	2 6	1 34	23 34	1 11	5 24	1 6	9 54	2 4	23 53	0 18	2 0	1 46	30 8	11 21	0 37	1 13	24 14			n.a.
T 27	12 12	10 41	1 53	14 56	0 56	2 36	1 33	23 40	1 11	5 29	1 6	9 52	2 4	23 53	0 18	1 59	1 46	30 8	11 22	0 36	1 15	24 16			n.a.
W28	12 33	4 10	0 40	15 32	1 2	3 6	1 32	23 46	1 12	5 34	1 6	9 50	2 5	23 53	0 18	1 58	1 46	30 9	11 22	0 36	1 16	24 18			n.a.
T 29	12 54	2s46	0s38	16 8	1 8	3 37	1 31	23 52	1 12	5 39	1 6	9 49	2 5	23 53	0 18	1 58	1 46	30 9	11 22	0 36	1 17	24 20			n.a.
F 30	13 15	9 45	1 55	16 43	1 13	4 7	1 31	23 58	1 12	5 44	1 6	9 47	2 5	23 53	0 18	1 57	1 46	30 9	11 23	0 37	1 18	24 22			n.a.
S 31	13s36	16s20	3s 6	17s17	1s19	4s37	1n30	24s 4	1s12	5s49	1n 6	9n45	2n 5	23s53	0s18	1n56	1n46	30n10	11n23	0s38	1s20	24n24			n.a.

Julian Day Number = 1712930.5, Delta T = 02h59m49s
Ecliptic obliquity = 23°42'02, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°23'00, Lahiri = - 4°16'00 Julian Calendar 1 Oct. 24 BCE == Greg. Calendar 29 Sept. 024 BCE

The year -23 astronomical counting style corresponds to year 024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 24 BCE
geocentric

NOVEMBER 24 BCE (-23) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 31 19	6♏47'45	20♏26	14♏56	16♎20	15♐58	17♎26	10♍18	24♐45	29♍15	5♌18	28°R20	26♓39	28♉22	n.a.	S 1
M 2	2 35 16	7°48'44	5♐38	16°29	17°35	16°44	17°39	10°23	24°47	29°17	5°18	28♓14	26°35	28°28	n.a.	M 2
T 3	2 39 12	8°49'44	20°39	18° 2	18°50	17°31	17°52	10°28	24°50	29°19	5°18	28° 8	26°32	28°35	n.a.	T 3
W 4	2 43 9	9°50'45	5♑20	19°35	20° 5	18°18	18° 4	10°33	24°53	29°21	5°18	28° 3	26°29	28°42	n.a.	W 4
T 5	2 47 5	10°51'47	19°38	21° 8	21°21	19° 4	18°17	10°38	24°56	29°22	5°19	27°59	26°26	28°48	n.a.	T 5
F 6	2 51 2	11°52'49	3♒28	22°41	22°36	19°51	18°30	10°43	24°58	29°24	5°19	27°57	26°23	28°55	n.a.	F 6
S 7	2 54 59	12°53'52	16°53	24°13	23°52	20°37	18°43	10°47	25° 1	29°26	5°19	27°D56	26°20	29° 2	n.a.	S 7
S 8	2 58 55	13°54'55	29°54	25°46	25° 7	21°24	18°55	10°52	25° 4	29°28	5°19	27°57	26°16	29° 9	n.a.	S 8
M 9	3 2 52	14°56'00	12♓35	27°18	26°22	22°11	19° 8	10°57	25° 7	29°29	5°R19	27°59	26°13	29°15	n.a.	M 9
T 10	3 6 48	15°57'04	25° 0	28°50	27°38	22°57	19°20	11° 1	25°10	29°31	5°19	28°R 0	26°10	29°22	n.a.	T 10
W11	3 10 45	16°58'10	7♈13	0♐22	28°53	23°44	19°33	11° 5	25°13	29°33	5°19	27°59	26° 7	29°29	n.a.	W11
T 12	3 14 41	17°59'16	19°18	1°54	0♏ 8	24°31	19°45	11°10	25°16	29°34	5°19	27°57	26° 4	29°35	n.a.	T 12
F 13	3 18 38	19° 0'22	1♉16	3°25	1°24	25°18	19°58	11°14	25°19	29°36	5°19	27°52	26° 0	29°42	n.a.	F 13
S 14	3 22 34	20° 1'30	13°10	4°56	2°39	26° 5	20°10	11°18	25°22	29°38	5°18	27°44	25°57	29°49	n.a.	S 14
S 15	3 26 31	21° 2'38	25° 3	6°27	3°55	26°52	20°23	11°22	25°25	29°39	5°18	27°35	25°54	29°55	n.a.	S 15
M16	3 30 27	22° 3'46	6♊54	7°57	5°10	27°38	20°35	11°26	25°28	29°41	5°18	27°24	25°51	0♊ 2	n.a.	M16
T 17	3 34 24	23° 4'56	18°47	9°26	6°25	28°25	20°47	11°30	25°31	29°42	5°18	27°12	25°48	0° 9	n.a.	T 17
W18	3 38 21	24° 6'06	0♋42	10°55	7°41	29°12	20°59	11°34	25°34	29°44	5°18	27° 1	25°45	0°16	n.a.	W18
T 19	3 42 17	25° 7'17	12°42	12°23	8°56	29°59	21°11	11°37	25°37	29°45	5°17	26°52	25°41	0°22	n.a.	T 19
F 20	3 46 14	26° 8'29	24°49	13°49	10°12	0♑46	21°23	11°41	25°41	29°47	5°17	26°45	25°38	0°29	n.a.	F 20
S 21	3 50 10	27° 9'41	7♌ 6	15°14	11°27	1°33	21°35	11°44	25°44	29°48	5°17	26°40	25°35	0°36	n.a.	S 21
S 22	3 54 7	28°10'54	19°38	16°37	12°43	2°20	21°47	11°48	25°47	29°50	5°16	26°38	25°32	0°42	n.a.	S 22
M23	3 58 3	29°12'08	2♍29	17°59	13°58	3° 7	21°59	11°51	25°50	29°51	5°16	26°D37	25°29	0°49	n.a.	M23
T 24	4 2 0	0♐13'22	15°43	19°18	15°14	3°54	22°11	11°54	25°54	29°52	5°15	26°38	25°26	0°56	n.a.	T 24
W25	4 5 57	1°14'37	29°23	20°35	16°29	4°41	22°23	11°57	25°57	29°54	5°15	26°R38	25°22	1° 3	n.a.	W25
T 26	4 9 53	2°15'52	13♎32	21°48	17°45	5°28	22°34	12° 0	26° 0	29°55	5°14	26°37	25°19	1° 9	n.a.	T 26
F 27	4 13 50	3°17'08	28° 8	22°57	19° 0	6°16	22°46	12° 3	26° 4	29°56	5°14	26°34	25°16	1°16	n.a.	F 27
S 28	4 17 46	4°18'24	13♏ 8	24° 2	20°15	7° 3	22°57	12° 6	26° 7	29°57	5°13	26°27	25°13	1°23	n.a.	S 28
S 29	4 21 43	5°19'41	28°24	25° 3	21°31	7°50	23° 9	12° 9	26°10	29°58	5°13	26°18	25°10	1°29	n.a.	S 29
M30	4 25 39	6♐20'58	13♐46	25♐57	22♏46	8♑37	23♎20	12♍11	26♐14	29♍59	5♌12	26♓ 8	25♓ 6	1♊36	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s56	21s59	4s 5	17s50	1s24	5s 8	1n29	24s 9	1s12	5s54	1n 6	9n43	2n 6	23s53	0s18	1n56	1n46	30n10	11n24	0s40	1s21	24n26		n.a.
M 2	14 16	26 10	4 46	18 23	1 30	5 38	1 28	24 14	1 12	5 59	1 6	9 41	2 6	23 53	0 18	1 55	1 47	30 10	11 24	0 42	1 22	24 28		n.a.
T 3	14 36	28 28	5 7	18 54	1 35	6 8	1 26	24 19	1 13	6 4	1 6	9 40	2 6	23 53	0 18	1 54	1 47	30 11	11 25	0 45	1 23	24 29		n.a.
W 4	14 55	28 42	5 7	19 25	1 39	6 37	1 25	24 23	1 13	6 9	1 6	9 38	2 6	23 54	0 18	1 53	1 47	30 11	11 25	0 47	1 25	24 31		n.a.
T 5	15 15	27 0	4 48	19 55	1 44	7 7	1 24	24 27	1 13	6 13	1 6	9 36	2 6	23 54	0 18	1 53	1 47	30 11	11 25	0 49	1 26	24 33		n.a.
F 6	15 34	23 40	4 12	20 23	1 49	7 37	1 23	24 31	1 13	6 18	1 6	9 35	2 7	23 54	0 18	1 52	1 47	30 12	11 26	0 50	1 27	24 35		n.a.
S 7	15 53	19 11	3 24	20 51	1 53	8 6	1 21	24 35	1 13	6 23	1 6	9 33	2 7	23 54	0 18	1 51	1 47	30 12	11 26	0 50	1 29	24 37		n.a.
S 8	16 11	13 54	2 26	21 18	1 57	8 35	1 20	24 38	1 13	6 28	1 6	9 32	2 7	23 54	0 18	1 51	1 47	30 12	11 27	0 49	1 30	24 39		n.a.
M 9	16 30	8 11	1 22	21 43	2 0	9 4	1 18	24 41	1 13	6 33	1 7	9 30	2 7	23 54	0 18	1 50	1 47	30 13	11 27	0 49	1 31	24 41		n.a.
T 10	16 48	2 15	0 16	22 7	2 3	9 33	1 17	24 44	1 13	6 37	1 7	9 29	2 8	23 54	0 18	1 49	1 47	30 13	11 27	0 48	1 32	24 43		n.a.
W11	17 5	3n39	0n50	22 31	2 6	10 2	1 15	24 46	1 13	6 42	1 7	9 27	2 8	23 54	0 18	1 49	1 47	30 14	11 28	0 49	1 34	24 45		n.a.
T 12	17 23	9 21	1 52	22 52	2 9	10 30	1 14	24 49	1 13	6 47	1 7	9 26	2 8	23 54	0 18	1 48	1 47	30 14	11 28	0 50	1 35	24 47		n.a.
F 13	17 40	14 41	2 49	23 13	2 11	10 58	1 12	24 50	1 14	6 52	1 7	9 24	2 8	23 54	0 18	1 48	1 47	30 15	11 29	0 52	1 36	24 49		n.a.
S 14	17 56	19 25	3 38	23 32	2 13	11 26	1 10	24 52	1 14	6 56	1 7	9 23	2 9	23 55	0 18	1 47	1 47	30 15	11 29	0 55	1 37	24 50		n.a.
S 15	18 13	23 23	4 17	23 50	2 15	11 53	1 8	24 53	1 14	7 1	1 7	9 22	2 9	23 55	0 18	1 46	1 47	30 15	11 29	0 58	1 39	24 52		n.a.
M16	18 29	26 23	4 45	24 6	2 16	12 21	1 6	24 54	1 14	7 6	1 7	9 20	2 9	23 55	0 18	1 46	1 47	30 16	11 30	1 3	1 40	24 54		n.a.
T 17	18 45	28 13	5 1	24 21	2 16	12 48	1 5	24 55	1 14	7 10	1 7	9 19	2 9	23 55	0 18	1 45	1 47	30 16	11 30	1 7	1 41	24 56		n.a.
W18	19 0	28 45	5 3	24 34	2 16	13 14	1 3	24 56	1 14	7 15	1 7	9 18	2 10	23 55	0 18	1 45	1 47	30 17	11 31	1 12	1 43	24 58		n.a.
T 19	19 15	27 57	4 53	24 46	2 16	13 40	1 1	24 56	1 14	7 19	1 7	9 17	2 10	23 55	0 18	1 44	1 47	30 17	11 31	1 16	1 44	25 0		n.a.
F 20	19 30	25 48	4 29	24 56	2 14	14 6	0 59	24 56	1 14	7 24	1 7	9 16	2 10	23 55	0 18	1 44	1 47	30 18	11 31	1 18	1 45	25 2		n.a.
S 21	19 44	22 26	3 52	25 4	2 13	14 32	0 57	24 55	1 14	7 28	1 7	9 14	2 10	23 55	0 18	1 43	1 47	30 18	11 32	1 20	1 46	25 3		n.a.
S 22	19 58	17 59	3 4	25 10	2 10	14 57	0 55	24 54	1 14	7 33	1 7	9 13	2 11	23 55	0 18	1 43	1 47	30 19	11 32	1 21	1 48	25 5		n.a.
M23	20 12	12 38	2 5	25 15	2 7	15 22	0 53	24 53	1 14	7 37	1 7	9 12	2 11	23 56	0 18	1 42	1 48	30 19	11 33	1 21	1 49	25 7		n.a.
T 24	20 25	6 35	0 58	25 18	2 3	15 47	0 50	24 52	1 14	7 41	1 7	9 11	2 11	23 56	0 18	1 42	1 48	30 20	11 33	1 21	1 50	25 9		n.a.
W25	20 38	0 1	0s15	25 19	1 58	16 11	0 48	24 51	1 14	7 46	1 7	9 10	2 11	23 56	0 18	1 41	1 48	30 20	11 33	1 21	1 51	25 11		n.a.
T 26	20 50	6s45	1 29	25 18	1 52	16 34	0 46	24 49	1 14	7 50	1 7	9 9	2 12	23 56	0 18	1 41	1 48	30 21	11 34	1 22	1 53	25 12		n.a.
F 27	21 2	13 24	2 39	25 15	1 45	16 57	0 44	24 46	1 14	7 54	1 7	9 9	2 12	23 56	0 18	1 40	1 48	30 21	11 34	1 23	1 54	25 14		n.a.
S 28	21 14	19 27	3 40	25 11	1 37	17 20	0 42	24 44	1 13	7 59	1 8	9 8	2 12	23 56	0 18	1 40	1 48	30 22	11 35	1 25	1 55	25 16		n.a.
S 29	21 25	24 21	4 27	25 4	1 28	17 42	0 39	24 41	1 13	8 3	1 8	9 7	2 13	23 56	0 18	1 39	1 48	30 22	11 35	1 29	1 57	25 18		n.a.
M30	21s36	27s34	4s55	24s56	1s18	18s 4	0n37	24s38	1s13	8s 7	1n 8	9n 6	2n13	23s56	0s18	1n39	1n48	30n23	11n35	1s33	1s58	25n19		n.a.

Julian Day Number = 1712961.5, Delta T = 02h59m48s
Ecliptic obliquity = 23°42'01, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°22'56, Lahiri = - 4°15'55 Julian Calendar 1 Nov. 24 BCE == Greg. Calendar 30 Oct. 024 BCE

The year -23 astronomical counting style corresponds to year 024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 24 BCE
geocentric

DECEMBER 24 BCE (-23) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 29 36	7♐22'14	29♐ 1	26♐45	24♏ 2	9♑24	23♎32	12♍14	26♐17	0♎ 1	5°R12	25°R57	25♓ 3	1♊43	n.a.	T 1
W 2	4 33 32	8°23'31	13♑59	27°25	25°17	10°11	23°43	12°16	26°21	0° 2	5♌11	25♓47	25° 0	1°50	n.a.	W 2
T 3	4 37 29	9°24'48	28°31	27°57	26°33	10°59	23°54	12°19	26°24	0° 3	5°10	25°39	24°57	1°56	n.a.	T 3
F 4	4 41 26	10°26'04	12♒34	28°19	27°48	11°46	24° 5	12°21	26°27	0° 4	5° 9	25°33	24°54	2° 3	n.a.	F 4
S 5	4 45 22	11°27'20	26° 7	28°32	29° 4	12°33	24°16	12°23	26°31	0° 5	5° 9	25°30	24°51	2°10	n.a.	S 5
S 6	4 49 19	12°28'35	9♓11	28°R33	0♐19	13°20	24°27	12°25	26°34	0° 6	5° 8	25°D29	24°47	2°16	n.a.	S 6
M 7	4 53 15	13°29'50	21°51	28°23	1°35	14° 7	24°38	12°27	26°38	0° 7	5° 7	25°R30	24°44	2°23	n.a.	M 7
T 8	4 57 12	14°31'04	4♈13	28° 2	2°50	14°55	24°48	12°29	26°41	0° 8	5° 6	25°29	24°41	2°30	n.a.	T 8
W 9	5 1 8	15°32'18	16°20	27°28	4° 6	15°42	24°59	12°31	26°45	0° 9	5° 5	25°28	24°38	2°37	n.a.	W 9
T 10	5 5 5	16°33'32	28°17	26°43	5°21	16°29	25°10	12°32	26°48	0°10	5° 5	25°24	24°35	2°43	n.a.	T 10
F 11	5 9 2	17°34'44	10♉10	25°47	6°36	17°16	25°20	12°34	26°52	0°10	5° 4	25°16	24°32	2°50	n.a.	F 11
S 12	5 12 58	18°35'57	22° 0	24°43	7°52	18° 3	25°30	12°35	26°55	0°11	5° 3	25° 6	24°28	2°57	n.a.	S 12
S 13	5 16 55	19°37'09	3♊51	23°31	9° 7	18°51	25°41	12°36	26°59	0°12	5° 2	24°54	24°25	3° 3	n.a.	S 13
M14	5 20 51	20°38'20	15°45	22°14	10°23	19°38	25°51	12°37	27° 2	0°13	5° 1	24°39	24°22	3°10	n.a.	M14
T 15	5 24 48	21°39'31	27°42	20°55	11°38	20°25	26° 1	12°39	27° 6	0°13	5° 0	24°24	24°19	3°17	n.a.	T 15
W16	5 28 44	22°40'41	9♋45	19°36	12°53	21°12	26°11	12°40	27°10	0°14	4°59	24° 9	24°16	3°24	n.a.	W16
T 17	5 32 41	23°41'51	21°53	18°20	14° 9	22° 0	26°21	12°40	27°13	0°15	4°58	23°56	24°12	3°30	n.a.	T 17
F 18	5 36 37	24°43'01	4♌ 8	17° 8	15°24	22°47	26°31	12°41	27°17	0°15	4°57	23°46	24° 9	3°37	n.a.	F 18
S 19	5 40 34	25°44'09	16°33	16° 2	16°39	23°34	26°40	12°42	27°20	0°16	4°56	23°39	24° 6	3°44	n.a.	S 19
S 20	5 44 31	26°45'18	29° 9	15° 4	17°55	24°21	26°50	12°42	27°24	0°16	4°55	23°35	24° 3	3°50	n.a.	S 20
M21	5 48 27	27°46'26	12♍ 0	14°15	19°10	25° 8	26°59	12°43	27°27	0°17	4°53	23°33	24° 0	3°57	n.a.	M21
T 22	5 52 24	28°47'33	25°10	13°35	20°26	25°55	27° 9	12°43	27°31	0°17	4°52	23°33	23°57	4° 4	n.a.	T 22
W23	5 56 20	29°48'40	8♎40	13° 5	21°41	26°43	27°18	12°43	27°34	0°18	4°51	23°33	23°53	4°11	n.a.	W23
T 24	6 0 17	0♑49'46	22°35	12°44	22°56	27°30	27°27	12°43	27°38	0°18	4°50	23°31	23°50	4°17	n.a.	T 24
F 25	6 4 13	1°50'52	6♏55	12°31	24°12	28°17	27°36	12°R43	27°42	0°18	4°49	23°28	23°47	4°24	n.a.	F 25
S 26	6 8 10	2°51'58	21°37	12°D28	25°27	29° 4	27°45	12°43	27°45	0°19	4°48	23°21	23°44	4°31	n.a.	S 26
S 27	6 12 6	3°53'02	6♐38	12°32	26°42	29°51	27°53	12°43	27°49	0°19	4°46	23°12	23°41	4°37	n.a.	S 27
M28	6 16 3	4°54'06	21°48	12°44	27°58	0♒38	28° 2	12°43	27°52	0°19	4°45	23° 1	23°38	4°44	n.a.	M28
T 29	6 20 0	5°55'09	6♑57	13° 2	29°13	1°25	28°11	12°42	27°56	0°19	4°44	22°50	23°34	4°51	n.a.	T 29
W30	6 23 56	6°56'11	21°56	13°27	0♑28	2°13	28°19	12°42	27°59	0°19	4°42	22°39	23°31	4°58	n.a.	W30
T 31	6 27 53	7♑57'12	6♒33	13♐58	1♑43	3♒ 0	28♎27	12♍41	28♐ 3	0♎20	4♌41	22♓30	23♓28	5♊ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	21s47	28s43	5s 1	24s46	1s 7	18s26	0n35	24s35	1s13	8s11	1n 8	9n 5	2n13	23s56	0s18	1n39	1n48	30n23	11n36	1s38	1s59	25n21			n.a.
W 2	21 57	27 42	4 47	24 35	0 54	18 46	0 32	24 31	1 13	8 15	1 8	9 5	2 13	23 56	0 18	1 38	1 48	30 24	11 36	1 42	2 0	25 23			n.a.
T 3	22 6	24 49	4 14	24 21	0 40	19 7	0 30	24 27	1 13	8 19	1 8	9 4	2 14	23 57	0 18	1 38	1 48	30 24	11 37	1 45	2 2	25 25			n.a.
F 4	22 15	20 31	3 26	24 7	0 25	19 26	0 28	24 23	1 13	8 23	1 8	9 3	2 14	23 57	0 18	1 37	1 48	30 25	11 37	1 47	2 3	25 26			n.a.
S 5	22 24	15 17	2 29	23 51	0 9	19 45	0 25	24 19	1 13	8 27	1 8	9 3	2 14	23 57	0 18	1 37	1 48	30 25	11 37	1 48	2 4	25 28			n.a.
S 6	22 32	9 32	1 25	23 33	0n 8	20 4	0 23	24 14	1 13	8 31	1 8	9 2	2 14	23 57	0 18	1 37	1 48	30 26	11 38	1 49	2 5	25 30			n.a.
M 7	22 40	3 33	0 19	23 15	0 27	20 22	0 20	24 9	1 13	8 35	1 8	9 2	2 15	23 57	0 18	1 36	1 48	30 26	11 38	1 49	2 7	25 32			n.a.
T 8	22 47	2n24	0n46	22 55	0 46	20 40	0 18	24 3	1 12	8 39	1 8	9 1	2 15	23 57	0 18	1 36	1 48	30 27	11 38	1 49	2 8	25 33			n.a.
W 9	22 54	8 9	1 48	22 35	1 5	20 56	0 16	23 58	1 12	8 43	1 8	9 1	2 15	23 57	0 18	1 36	1 49	30 28	11 39	1 49	2 9	25 35			n.a.
T 10	23 1	13 32	2 44	22 15	1 25	21 13	0 13	23 52	1 12	8 47	1 9	9 1	2 16	23 57	0 18	1 36	1 49	30 28	11 39	1 51	2 11	25 37			n.a.
F 11	23 7	18 23	3 32	21 54	1 44	21 28	0 11	23 46	1 12	8 50	1 9	9 0	2 16	23 57	0 18	1 35	1 49	30 29	11 39	1 54	2 12	25 38			n.a.
S 12	23 12	22 31	4 11	21 33	2 3	21 43	0 8	23 39	1 12	8 54	1 9	9 0	2 16	23 57	0 18	1 35	1 49	30 29	11 40	1 58	2 13	25 40			n.a.
S 13	23 17	25 43	4 39	21 12	2 21	21 58	0 6	23 32	1 12	8 58	1 9	9 0	2 16	23 58	0 18	1 35	1 49	30 30	11 40	2 3	2 14	25 42			n.a.
M14	23 22	27 49	4 55	20 52	2 37	22 12	0 3	23 25	1 11	9 1	1 9	9 0	2 17	23 58	0 18	1 35	1 49	30 30	11 40	2 9	2 16	25 43			n.a.
T 15	23 26	28 39	4 58	20 33	2 51	22 25	0 1	23 18	1 11	9 5	1 9	9 0	2 17	23 58	0 18	1 34	1 49	30 31	11 41	2 15	2 17	25 45			n.a.
W16	23 30	28 8	4 48	20 15	3 3	22 37	0s 2	23 11	1 11	9 9	1 9	8 59	2 17	23 58	0 18	1 34	1 49	30 32	11 41	2 21	2 18	25 47			n.a.
T 17	23 33	26 15	4 25	20 0	3 12	22 49	0 4	23 3	1 11	9 12	1 9	8 59	2 18	23 58	0 18	1 34	1 49	30 32	11 41	2 26	2 19	25 48			n.a.
F 18	23 36	23 8	3 49	19 46	3 19	23 0	0 6	22 55	1 11	9 15	1 9	8 59	2 18	23 58	0 18	1 34	1 49	30 33	11 42	2 30	2 21	25 50			n.a.
S 19	23 38	18 56	3 2	19 35	3 24	23 10	0 9	22 47	1 10	9 19	1 10	8 59	2 18	23 58	0 18	1 34	1 49	30 33	11 42	2 33	2 22	25 52			n.a.
S 20	23 40	13 50	2 5	19 27	3 26	23 20	0 11	22 38	1 10	9 22	1 10	8 59	2 18	23 58	0 18	1 34	1 49	30 34	11 42	2 35	2 23	25 53			n.a.
M21	23 41	8 4	1 1	19 21	3 26	23 29	0 14	22 29	1 10	9 26	1 10	8 59	2 19	23 58	0 18	1 33	1 49	30 34	11 42	2 35	2 25	25 55			n.a.
T 22	23 42	1 49	0s 9	19 18	3 24	23 37	0 16	22 20	1 10	9 29	1 10	9 0	2 19	23 58	0 18	1 33	1 49	30 35	11 43	2 35	2 26	25 56			n.a.
W23	23 42	4s41	1 19	19 18	3 21	23 44	0 18	22 11	1 10	9 32	1 10	9 0	2 19	23 58	0 18	1 33	1 49	30 36	11 43	2 35	2 27	25 58			n.a.
T 24	23 42	11 9	2 27	19 20	3 16	23 51	0 21	22 1	1 9	9 35	1 10	9 0	2 20	23 58	0 18	1 33	1 50	30 36	11 43	2 36	2 28	26 0			n.a.
F 25	23 41	17 14	3 27	19 25	3 9	23 57	0 23	21 51	1 9	9 38	1 10	9 0	2 20	23 58	0 18	1 33	1 50	30 37	11 44	2 37	2 30	26 1			n.a.
S 26	23 40	22 29	4 16	19 31	3 2	24 2	0 25	21 41	1 9	9 41	1 10	9 1	2 20	23 59	0 18	1 33	1 50	30 37	11 44	2 40	2 31	26 3			n.a.
S 27	23 39	26 23	4 48	19 40	2 54	24 7	0 27	21 31	1 9	9 45	1 11	9 1	2 20	23 59	0 18	1 33	1 50	30 38	11 44	2 44	2 32	26 4			n.a.
M28	23 36	28 26	5 0	19 50	2 46	24 11	0 30	21 21	1 8	9 47	1 11	9 1	2 21	23 59	0 18	1 33	1 50	30 38	11 44	2 48	2 33	26 6			n.a.
T 29	23 34	28 22	4 51	20 1	2 37	24 14	0 32	21 10	1 8	9 50	1 11	9 2	2 21	23 59	0 18	1 33	1 50	30 39	11 45	2 53	2 35	26 7			n.a.
W30	23 31	26 13	4 23	20 14	2 27	24 16	0 34	20 59	1 8	9 53	1 11	9 2	2 21	23 59	0 18	1 33	1 50	30 40	11 45	2 57	2 36	26 9			n.a.
T 31	23s28	22s20	3s37	20s27	2n18	24s18	0s36	20s48	1s 7	9s56	1n11	9n 3	2n22	23s59	0s18	1n33	1n50	30n40	11n45	3s 1	2s37	26n11			n.a.

Julian Day Number = 1712991.5, Delta T = 02h59m47s
Ecliptic obliquity = 23°42'00, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°22'52, Lahiri = - 4°15'51 Julian Calendar 1 Dec. 24 BCE == Greg. Calendar 29 Nov. 024 BCE

The year -23 astronomical counting style corresponds to year 024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 23 BCE
geocentric

JANUARY 23 BCE (-22) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 31 49	8♑58'11	20♒44	14♐34	2♑59	3♒47	28♎35	12°R41	28♐ 6	0♎20	4°R40	22°R23	23♓25	5♊11	n.a.	F 1
S 2	6 35 46	9°59'09	4♓25	15°15	4°14	4°34	28°43	12♍40	28°10	0°20	4♌39	22♓20	23°22	5°18	n.a.	S 2
S 3	6 39 42	11° 0'06	17°37	16° 0	5°29	5°21	28°51	12°39	28°13	0°R20	4°37	22°D19	23°18	5°24	n.a.	S 3
M 4	6 43 39	12° 1'01	0♈23	16°49	6°44	6° 8	28°59	12°38	28°17	0°20	4°36	22°19	23°15	5°31	n.a.	M 4
T 5	6 47 36	13° 1'54	12°48	17°42	8° 0	6°55	29° 7	12°36	28°20	0°20	4°34	22°R19	23°12	5°38	n.a.	T 5
W 6	6 51 32	14° 2'46	24°57	18°38	9°15	7°42	29°14	12°35	28°24	0°20	4°33	22°18	23° 9	5°45	n.a.	W 6
T 7	6 55 29	15° 3'36	6♉54	19°37	10°30	8°29	29°21	12°34	28°27	0°20	4°32	22°16	23° 6	5°51	n.a.	T 7
F 8	6 59 25	16° 4'25	18°46	20°38	11°45	9°16	29°28	12°32	28°31	0°19	4°30	22°11	23° 3	5°58	n.a.	F 8
S 9	7 3 22	17° 5'13	0♊36	21°42	13° 0	10° 2	29°35	12°31	28°34	0°19	4°29	22° 3	22°59	6° 5	n.a.	S 9
S 10	7 7 18	18° 5'58	12°28	22°49	14°16	10°49	29°42	12°29	28°37	0°19	4°27	21°53	22°56	6°12	n.a.	S 10
M11	7 11 15	19° 6'42	24°25	23°58	15°31	11°36	29°49	12°27	28°41	0°19	4°26	21°41	22°53	6°18	n.a.	M11
T 12	7 15 11	20° 7'25	6♋28	25° 8	16°46	12°23	29°56	12°26	28°44	0°18	4°24	21°29	22°50	6°25	n.a.	T 12
W13	7 19 8	21° 8'06	18°40	26°21	18° 1	13°10	0♏ 2	12°24	28°48	0°18	4°23	21°17	22°47	6°32	n.a.	W13
T 14	7 23 5	22° 8'46	1♌ 1	27°35	19°16	13°57	0° 8	12°21	28°51	0°18	4°22	21° 7	22°44	6°38	n.a.	T 14
F 15	7 27 1	23° 9'24	13°32	28°51	20°31	14°43	0°15	12°19	28°54	0°17	4°20	20°59	22°40	6°45	n.a.	F 15
S 16	7 30 58	24°10'00	26°12	0♑ 8	21°46	15°30	0°21	12°17	28°58	0°17	4°19	20°53	22°37	6°52	n.a.	S 16
S 17	7 34 54	25°10'35	9♍ 3	1°27	23° 1	16°17	0°26	12°15	29° 1	0°17	4°17	20°50	22°34	6°59	n.a.	S 17
M18	7 38 51	26°11'08	22° 7	2°47	24°16	17° 3	0°32	12°12	29° 4	0°16	4°16	20°D49	22°31	7° 5	n.a.	M18
T 19	7 42 47	27°11'41	5♎24	4° 8	25°31	17°50	0°38	12°10	29° 7	0°16	4°14	20°50	22°28	7°12	n.a.	T 19
W20	7 46 44	28°12'11	18°56	5°31	26°46	18°37	0°43	12° 7	29°11	0°15	4°13	20°51	22°24	7°19	n.a.	W20
T 21	7 50 40	29°12'41	2♏45	6°55	28° 1	19°23	0°48	12° 4	29°14	0°15	4°11	20°R51	22°21	7°25	n.a.	T 21
F 22	7 54 37	0♒13'09	16°52	8°20	29°17	20°10	0°53	12° 2	29°17	0°14	4°10	20°50	22°18	7°32	n.a.	F 22
S 23	7 58 34	1°13'35	1♐16	9°46	0♒32	20°56	0°58	11°59	29°20	0°13	4° 8	20°47	22°15	7°39	n.a.	S 23
S 24	8 2 30	2°14'01	15°53	11°14	1°47	21°43	1° 3	11°56	29°23	0°13	4° 7	20°41	22°12	7°46	n.a.	S 24
M25	8 6 27	3°14'24	0♑38	12°42	3° 2	22°29	1° 7	11°53	29°26	0°12	4° 5	20°34	22° 9	7°52	n.a.	M25
T 26	8 10 23	4°14'46	15°24	14°12	4°16	23°16	1°12	11°50	29°29	0°11	4° 3	20°27	22° 5	7°59	n.a.	T 26
W27	8 14 20	5°15'07	0♒ 3	15°42	5°31	24° 2	1°16	11°47	29°33	0°11	4° 2	20°19	22° 2	8° 6	n.a.	W27
T 28	8 18 16	6°15'25	14°28	17°14	6°46	24°48	1°20	11°43	29°36	0°10	4° 0	20°13	21°59	8°12	n.a.	T 28
F 29	8 22 13	7°15'42	28°32	18°47	8° 1	25°35	1°24	11°40	29°39	0° 9	3°59	20° 9	21°56	8°19	n.a.	F 29
S 30	8 26 9	8°15'56	12♓12	20°20	9°16	26°21	1°27	11°36	29°42	0° 8	3°57	20° 7	21°53	8°26	n.a.	S 30
S 31	8 30 6	9♒16'08	25♓27	21♑55	10♒31	27♒ 7	1♏31	11♍33	29♐44	0♎ 7	3♌56	20°D 7	21♓50	8♊33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s24	17s15	2s39	20s41	2n 8	24s18	0s38	20s36	1s 7	9s59	1n11	9n 3	2n22	23s59	0s18	1n33	1n50	30n41	11n45	3s 3	2s39	26n12		n.a.
S 2	23 19	11 27	1 33	20 56	1 58	24 18	0 40	20 25	1 7	10 2	1 11	9 4	2 22	23 59	0 18	1 33	1 50	30 41	11 46	3 5	2 40	26 14		n.a.
S 3	23 14	5 20	0 25	21 10	1 47	24 18	0 43	20 13	1 6	10 4	1 11	9 4	2 22	23 59	0 18	1 33	1 50	30 42	11 46	3 5	2 41	26 15		n.a.
M 4	23 9	0n49	0n43	21 26	1 37	24 16	0 45	20 1	1 6	10 7	1 12	9 5	2 23	23 59	0 18	1 33	1 50	30 42	11 46	3 5	2 42	26 17		n.a.
T 5	23 3	6 45	1 47	21 41	1 27	24 14	0 47	19 48	1 6	10 10	1 12	9 6	2 23	23 59	0 18	1 33	1 50	30 43	11 46	3 5	2 44	26 18		n.a.
W 6	22 57	12 18	2 44	21 56	1 17	24 11	0 49	19 36	1 5	10 12	1 12	9 7	2 23	23 59	0 18	1 33	1 50	30 44	11 46	3 5	2 45	26 20		n.a.
T 7	22 50	17 19	3 34	22 10	1 7	24 7	0 50	19 23	1 5	10 15	1 12	9 7	2 24	23 59	0 18	1 33	1 50	30 44	11 47	3 6	2 46	26 21		n.a.
F 8	22 43	21 39	4 13	22 25	0 57	24 3	0 52	19 10	1 5	10 17	1 12	9 8	2 24	23 59	0 18	1 33	1 51	30 45	11 47	3 8	2 47	26 23		n.a.
S 9	22 36	25 5	4 42	22 39	0 48	23 57	0 54	18 57	1 4	10 19	1 12	9 9	2 24	23 59	0 18	1 34	1 51	30 45	11 47	3 11	2 49	26 24		n.a.
S 10	22 28	27 28	4 58	22 52	0 38	23 51	0 56	18 44	1 4	10 22	1 13	9 10	2 24	23 59	0 18	1 34	1 51	30 46	11 47	3 15	2 50	26 26		n.a.
M11	22 19	28 37	5 2	23 5	0 29	23 45	0 58	18 31	1 4	10 24	1 13	9 11	2 25	23 59	0 18	1 34	1 51	30 46	11 47	3 20	2 51	26 27		n.a.
T 12	22 10	28 24	4 52	23 17	0 19	23 37	0 59	18 17	1 3	10 26	1 13	9 12	2 25	24 0	0 18	1 34	1 51	30 47	11 48	3 25	2 53	26 29		n.a.
W13	22 1	26 49	4 29	23 28	0 10	23 29	1 1	18 3	1 3	10 28	1 13	9 13	2 25	24 0	0 18	1 34	1 51	30 47	11 48	3 29	2 54	26 30		n.a.
T 14	21 51	23 56	3 53	23 39	0 2	23 20	1 3	17 49	1 3	10 30	1 13	9 14	2 25	24 0	0 18	1 34	1 51	30 48	11 48	3 34	2 55	26 31		n.a.
F 15	21 41	19 54	3 5	23 49	0s 7	23 10	1 4	17 35	1 2	10 32	1 13	9 15	2 26	24 0	0 18	1 35	1 51	30 49	11 48	3 37	2 56	26 33		n.a.
S 16	21 31	14 55	2 8	23 57	0 15	23 0	1 6	17 21	1 2	10 34	1 13	9 16	2 26	24 0	0 18	1 35	1 51	30 49	11 48	3 39	2 58	26 34		n.a.
S 17	21 20	9 14	1 3	24 5	0 23	22 49	1 7	17 6	1 1	10 36	1 14	9 17	2 26	24 0	0 18	1 35	1 51	30 50	11 48	3 40	2 59	26 36		n.a.
M18	21 9	3 3	0s 7	24 11	0 31	22 37	1 9	16 52	1 1	10 38	1 14	9 18	2 26	24 0	0 18	1 35	1 51	30 50	11 48	3 41	3 0	26 37		n.a.
T 19	20 57	3s21	1 17	24 17	0 39	22 25	1 10	16 37	1 1	10 40	1 14	9 20	2 27	24 0	0 18	1 36	1 51	30 51	11 49	3 40	3 1	26 38		n.a.
W20	20 45	9 44	2 25	24 21	0 46	22 12	1 11	16 22	1 0	10 42	1 14	9 21	2 27	24 0	0 18	1 36	1 51	30 51	11 49	3 40	3 3	26 40		n.a.
T 21	20 32	15 46	3 26	24 24	0 53	21 58	1 13	16 7	1 0	10 43	1 14	9 22	2 27	24 0	0 18	1 36	1 51	30 52	11 49	3 40	3 4	26 41		n.a.
F 22	20 19	21 8	4 15	24 26	1 0	21 44	1 14	15 52	0 59	10 45	1 14	9 23	2 27	24 0	0 18	1 36	1 51	30 52	11 49	3 40	3 5	26 43		n.a.
S 23	20 6	25 21	4 50	24 26	1 6	21 29	1 15	15 36	0 59	10 46	1 15	9 25	2 28	24 0	0 18	1 37	1 51	30 53	11 49	3 42	3 6	26 44		n.a.
S 24	19 53	28 1	5 6	24 26	1 13	21 13	1 16	15 21	0 59	10 48	1 15	9 26	2 28	24 0	0 18	1 37	1 52	30 53	11 49	3 44	3 8	26 45		n.a.
M25	19 39	28 44	5 2	24 23	1 19	20 57	1 17	15 5	0 58	10 49	1 15	9 27	2 28	24 0	0 18	1 37	1 52	30 53	11 49	3 47	3 9	26 47		n.a.
T 26	19 24	27 25	4 39	24 20	1 24	20 40	1 18	14 49	0 58	10 51	1 15	9 29	2 28	24 0	0 18	1 38	1 52	30 54	11 49	3 50	3 10	26 48		n.a.
W27	19 10	24 13	3 57	24 15	1 30	20 22	1 19	14 33	0 57	10 52	1 15	9 30	2 28	24 0	0 18	1 38	1 52	30 54	11 49	3 52	3 12	26 49		n.a.
T 28	18 55	19 33	3 0	24 8	1 35	20 4	1 20	14 17	0 57	10 53	1 15	9 32	2 29	24 0	0 18	1 38	1 52	30 55	11 49	3 55	3 13	26 51		n.a.
F 29	18 39	13 53	1 54	24 0	1 39	19 46	1 21	14 1	0 56	10 54	1 16	9 33	2 29	24 0	0 18	1 39	1 52	30 55	11 50	3 56	3 14	26 52		n.a.
S 30	18 24	7 43	0 43	23 51	1 44	19 26	1 22	13 45	0 56	10 56	1 16	9 35	2 29	24 0	0 18	1 39	1 52	30 56	11 50	3 57	3 15	26 53		n.a.
S 31	18s 8	1s23	0n29	23s40	1s48	19s 7	1s22	13s28	0s55	10s57	1n16	9n36	2n29	24s 0	0s18	1n40	1n52	30n56	11n50	3s57	3s17	26n55		n.a.

Julian Day Number = 1713022.5, Delta T = 02h59m46s
Ecliptic obliquity = 23°42'00, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°22'47, Lahiri = - 4°15'47 Julian Calendar 1 Jan. 23 BCE == Greg. Calendar 30 Dec. 024 BCE

The year -22 astronomical counting style corresponds to year 023 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 23 BCE
geocentric

FEBRUARY 23 BCE (-22) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 34 3	10♒16'19	8♈18	23♉31	11♒46	27♒53	1♏34	11°R29	29♐47	0°R 6	3°R54	20♓ 8	21♓46	8♊39	n.a.	M 1
T 2	8 37 59	11°16'27	20°48	25° 8	13° 1	28°40	1°37	11♏26	29°50	0♎ 5	3♌53	20°10	21°43	8°46	n.a.	T 2
W 3	8 41 56	12°16'32	3♉ 1	26°46	14°16	29°26	1°40	11°22	29°53	0° 4	3°51	20°11	21°40	8°53	n.a.	W 3
T 4	8 45 52	13°16'36	15° 1	28°24	15°31	0♓12	1°43	11°18	29°56	0° 4	3°50	20°R12	21°37	9° 0	n.a.	T 4
F 5	8 49 49	14°16'37	26°55	0♒ 5	16°45	0°58	1°46	11°14	29°59	0° 3	3°48	20°11	21°34	9° 6	n.a.	F 5
S 6	8 53 45	15°16'37	8♊47	1°46	18° 0	1°44	1°48	11°11	0♑ 2	0° 2	3°47	20° 8	21°30	9°13	n.a.	S 6
S 7	8 57 42	16°16'34	20°41	3°28	19°15	2°30	1°50	11° 7	0° 4	0° 0	3°45	20° 4	21°27	9°20	n.a.	S 7
M 8	9 1 38	17°16'28	2♋40	5°11	20°30	3°16	1°53	11° 3	0° 7	29♏59	3°44	19°59	21°24	9°26	n.a.	M 8
T 9	9 5 35	18°16'21	14°50	6°56	21°44	4° 2	1°54	10°59	0°10	29°58	3°42	19°53	21°21	9°33	n.a.	T 9
W10	9 9 32	19°16'11	27°11	8°41	22°59	4°47	1°56	10°54	0°12	29°57	3°41	19°48	21°18	9°40	n.a.	W10
T 11	9 13 28	20°15'59	9♌44	10°28	24°14	5°33	1°58	10°50	0°15	29°56	3°40	19°43	21°15	9°47	n.a.	T 11
F 12	9 17 25	21°15'45	22°32	12°16	25°28	6°19	1°59	10°46	0°17	29°55	3°38	19°39	21°11	9°53	n.a.	F 12
S 13	9 21 21	22°15'29	5♍33	14° 5	26°43	7° 5	2° 0	10°42	0°20	29°54	3°37	19°37	21° 8	10° 0	n.a.	S 13
S 14	9 25 18	23°15'11	18°46	15°55	27°58	7°50	2° 1	10°38	0°22	29°52	3°35	19°D36	21° 5	10° 7	n.a.	S 14
M15	9 29 14	24°14'51	2♎13	17°47	29°12	8°36	2° 2	10°33	0°25	29°51	3°34	19°36	21° 2	10°13	n.a.	M15
T 16	9 33 11	25°14'29	15°50	19°40	0♓27	9°22	2° 2	10°29	0°27	29°50	3°32	19°38	20°59	10°20	n.a.	T 16
W17	9 37 7	26°14'05	29°38	21°33	1°42	10° 7	2° 3	10°24	0°30	29°49	3°31	19°39	20°56	10°27	n.a.	W17
T 18	9 41 4	27°13'39	13♏36	23°28	2°56	10°53	2° 3	10°20	0°32	29°47	3°30	19°41	20°52	10°34	n.a.	T 18
F 19	9 45 1	28°13'11	27°42	25°24	4°11	11°38	2°R 3	10°16	0°34	29°46	3°28	19°R41	20°49	10°40	n.a.	F 19
S 20	9 48 57	29°12'42	11♐56	27°22	5°25	12°24	2° 3	10°11	0°37	29°45	3°27	19°41	20°46	10°47	n.a.	S 20
S 21	9 52 54	0♓12'11	26°14	29°20	6°40	13° 9	2° 2	10° 6	0°39	29°43	3°26	19°39	20°43	10°54	n.a.	S 21
M22	9 56 50	1°11'38	10♑33	1♓19	7°54	13°54	2° 2	10° 2	0°41	29°42	3°24	19°37	20°40	11° 1	n.a.	M22
T 23	10 0 47	2°11'04	24°50	3°19	9° 9	14°40	2° 1	9°57	0°43	29°41	3°23	19°35	20°36	11° 7	n.a.	T 23
W24	10 4 43	3°10'27	9♒ 0	5°20	10°23	15°25	2° 0	9°53	0°45	29°39	3°22	19°32	20°33	11°14	n.a.	W24
T 25	10 8 40	4° 9'48	22°59	7°22	11°38	16°10	1°59	9°48	0°47	29°38	3°21	19°31	20°30	11°21	n.a.	T 25
F 26	10 12 36	5° 9'07	6♓43	9°24	12°52	16°55	1°58	9°44	0°49	29°36	3°19	19°30	20°27	11°27	n.a.	F 26
S 27	10 16 33	6° 8'24	20° 9	11°26	14° 6	17°40	1°56	9°39	0°51	29°35	3°18	19°D29	20°24	11°34	n.a.	S 27
S 28	10 20 30	7♓ 7'38	3♈16	13♓29	15♓21	18♓25	1♏55	9♏34	0♑53	29♏33	3♌17	19♓30	20♓21	11♊41	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s52	4n49	1n37	23s27	1s51	18s46	1s23	13s12	0s55	10s58	1n16	9n38	2n29	24s 0	0s18	1n40	1n52	30n57	11n50	3s57	3s18	26n56		n.a.
T 2	17 35	10 39	2 39	23 13	1 54	18 25	1 23	12 55	0 54	10 59	1 16	9 39	2 30	24 0	0 18	1 40	1 52	30 57	11 50	3 56	3 19	26 57		n.a.
W 3	17 18	15 58	3 32	22 57	1 57	18 4	1 24	12 38	0 54	10 59	1 16	9 41	2 30	24 0	0 18	1 41	1 52	30 57	11 50	3 56	3 20	26 59		n.a.
T 4	17 1	20 34	4 15	22 40	2 0	17 42	1 24	12 21	0 54	11 0	1 17	9 43	2 30	24 0	0 18	1 41	1 52	30 58	11 50	3 56	3 22	27 0		n.a.
F 5	16 44	24 19	4 46	22 20	2 2	17 20	1 25	12 4	0 53	11 1	1 17	9 44	2 30	24 0	0 18	1 42	1 52	30 58	11 50	3 56	3 23	27 1		n.a.
S 6	16 26	27 1	5 5	21 59	2 4	16 57	1 25	11 47	0 53	11 2	1 17	9 46	2 30	24 0	0 18	1 42	1 52	30 59	11 50	3 57	3 24	27 2		n.a.
S 7	16 8	28 32	5 11	21 37	2 5	16 34	1 25	11 30	0 52	11 2	1 17	9 48	2 31	24 0	0 18	1 43	1 52	30 59	11 50	3 59	3 25	27 4		n.a.
M 8	15 50	28 44	5 4	21 13	2 6	16 10	1 26	11 13	0 52	11 3	1 17	9 49	2 31	24 0	0 18	1 43	1 52	30 59	11 50	4 1	3 27	27 5		n.a.
T 9	15 31	27 32	4 42	20 47	2 6	15 46	1 26	10 56	0 51	11 3	1 18	9 51	2 31	24 0	0 18	1 44	1 52	31 0	11 50	4 3	3 28	27 6		n.a.
W10	15 12	25 0	4 8	20 19	2 6	15 21	1 26	10 38	0 51	11 4	1 18	9 53	2 31	24 0	0 18	1 44	1 52	31 0	11 50	4 5	3 29	27 7		n.a.
T 11	14 53	21 13	3 21	19 49	2 6	14 56	1 26	10 21	0 50	11 4	1 18	9 54	2 31	24 0	0 18	1 45	1 52	31 0	11 50	4 7	3 30	27 9		n.a.
F 12	14 34	16 24	2 23	19 18	2 5	14 31	1 26	10 3	0 50	11 4	1 18	9 56	2 31	24 0	0 18	1 45	1 53	31 1	11 50	4 8	3 32	27 10		n.a.
S 13	14 15	10 46	1 16	18 45	2 3	14 5	1 26	9 46	0 49	11 5	1 18	9 58	2 31	24 0	0 18	1 46	1 53	31 1	11 50	4 9	3 33	27 11		n.a.
S 14	13 55	4 33	0 5	18 10	2 1	13 39	1 25	9 28	0 49	11 5	1 18	10 0	2 32	24 0	0 18	1 46	1 53	31 1	11 50	4 10	3 34	27 12		n.a.
M15	13 35	1s56	1s 9	17 33	1 59	13 12	1 25	9 10	0 48	11 5	1 19	10 2	2 32	24 0	0 18	1 47	1 53	31 2	11 50	4 9	3 36	27 13		n.a.
T 16	13 15	8 26	2 19	16 55	1 56	12 45	1 25	8 53	0 47	11 5	1 19	10 3	2 32	24 0	0 18	1 47	1 53	31 2	11 50	4 9	3 37	27 15		n.a.
W17	12 55	14 37	3 22	16 15	1 53	12 18	1 24	8 35	0 47	11 5	1 19	10 5	2 32	24 0	0 19	1 48	1 53	31 2	11 49	4 8	3 38	27 16		n.a.
T 18	12 34	20 8	4 15	15 33	1 49	11 50	1 24	8 17	0 46	11 5	1 19	10 7	2 32	24 0	0 19	1 48	1 53	31 3	11 49	4 8	3 39	27 17		n.a.
F 19	12 13	24 36	4 52	14 49	1 44	11 23	1 24	7 59	0 46	11 5	1 19	10 9	2 32	24 0	0 19	1 49	1 53	31 3	11 49	4 8	3 41	27 18		n.a.
S 20	11 52	27 37	5 12	14 4	1 39	10 54	1 23	7 41	0 45	11 4	1 19	10 11	2 32	24 1	0 19	1 50	1 53	31 3	11 49	4 8	3 42	27 19		n.a.
S 21	11 31	28 51	5 13	13 17	1 33	10 26	1 22	7 23	0 45	11 4	1 20	10 12	2 32	24 1	0 19	1 50	1 53	31 3	11 49	4 8	3 43	27 20		n.a.
M22	11 10	28 10	4 54	12 28	1 27	9 57	1 22	7 5	0 44	11 4	1 20	10 14	2 33	24 1	0 19	1 51	1 53	31 4	11 49	4 9	3 44	27 21		n.a.
T 23	10 49	25 37	4 17	11 38	1 20	9 28	1 21	6 47	0 44	11 3	1 20	10 16	2 33	24 1	0 19	1 51	1 53	31 4	11 49	4 10	3 46	27 23		n.a.
W24	10 27	21 30	3 25	10 47	1 12	8 59	1 20	6 28	0 43	11 3	1 20	10 18	2 33	24 1	0 19	1 52	1 53	31 4	11 49	4 11	3 47	27 24		n.a.
T 25	10 5	16 13	2 21	9 54	1 4	8 30	1 19	6 10	0 43	11 2	1 20	10 20	2 33	24 1	0 19	1 52	1 53	31 4	11 49	4 12	3 48	27 25		n.a.
F 26	9 43	10 13	1 10	9 0	0 56	8 0	1 18	5 52	0 42	11 2	1 20	10 22	2 33	24 1	0 19	1 53	1 53	31 5	11 49	4 12	3 49	27 26		n.a.
S 27	9 21	3 53	0n 4	8 4	0 47	7 30	1 17	5 34	0 42	11 1	1 20	10 24	2 33	24 1	0 19	1 54	1 53	31 5	11 49	4 12	3 51	27 27		n.a.
S 28	8s59	2n28	1n15	7s 8	0s37	7s 0	1s16	5s15	0s41	11s 0	1n21	10n25	2n33	24s 1	0s19	1n54	1n53	31n 5	11n48	4s12	3s52	27n28		n.a.

Julian Day Number = 1713053.5, Delta T = 02h59m45s
Ecliptic obliquity = 23°42'01, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°22'43, Lahiri = - 4°15'43 Julian Calendar 1 Feb. 23 BCE == Greg. Calendar 30 Jan. 023 BCE

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ASTRODIENST EPHEMERIS for the year 23 BCE
geocentric

MARCH 23 BCE (-22) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 24 26	8♓ 6'51	16♈ 4	15♓31	16♓35	19♓10	1°R53	9°R30	0♑55	29°R32	3°R16	19♓30	20♓17	11♊48	n.a.	M 1
T 2	10 28 23	9° 6'01	28°34	17°33	17°50	19°55	1♏51	9♍25	0°57	29♍30	3♌14	19°31	20°14	11°54	n.a.	T 2
W 3	10 32 19	10° 5'08	10♉49	19°34	19° 4	20°40	1°49	9°20	0°59	29°29	3°13	19°32	20°11	12° 1	n.a.	W 3
T 4	10 36 16	11° 4'14	22°52	21°34	20°18	21°25	1°46	9°16	1° 0	29°27	3°12	19°33	20° 8	12° 8	n.a.	T 4
F 5	10 40 12	12° 3'17	4♊47	23°32	21°32	22°10	1°44	9°11	1° 2	29°26	3°11	19°34	20° 5	12°14	n.a.	F 5
S 6	10 44 9	13° 2'18	16°40	25°29	22°47	22°55	1°41	9° 6	1° 4	29°24	3°10	19°R34	20° 2	12°21	n.a.	S 6
S 7	10 48 5	14° 1'16	28°35	27°24	24° 1	23°39	1°38	9° 2	1° 5	29°23	3° 9	19°33	19°58	12°28	n.a.	S 7
M 8	10 52 2	15° 0'12	10♋36	29°16	25°15	24°24	1°35	8°57	1° 7	29°21	3° 8	19°33	19°55	12°35	n.a.	M 8
T 9	10 55 58	15°59'06	22°48	1♈ 5	26°29	25° 9	1°31	8°53	1° 8	29°20	3° 7	19°33	19°52	12°41	n.a.	T 9
W10	10 59 55	16°57'57	5♌14	2°50	27°43	25°53	1°28	8°48	1°10	29°18	3° 6	19°32	19°49	12°48	n.a.	W10
T 11	11 3 52	17°56'46	17°56	4°32	28°58	26°38	1°24	8°43	1°11	29°16	3° 5	19°32	19°46	12°55	n.a.	T 11
F 12	11 7 48	18°55'32	0♍57	6°10	0♈12	27°22	1°20	8°39	1°13	29°15	3° 4	19°32	19°42	13° 2	n.a.	F 12
S 13	11 11 45	19°54'17	14°17	7°44	1°26	28° 6	1°17	8°34	1°14	29°13	3° 3	19°32	19°39	13° 8	n.a.	S 13
S 14	11 15 41	20°52'59	27°54	9°14	2°40	28°51	1°12	8°30	1°15	29°12	3° 2	19°32	19°36	13°15	n.a.	S 14
M15	11 19 38	21°51'40	11♎47	10°38	3°54	29°35	1° 8	8°25	1°17	29°10	3° 1	19°32	19°33	13°22	n.a.	M15
T 16	11 23 34	22°50'18	25°53	11°58	5° 8	0♈19	1° 4	8°21	1°18	29° 8	3° 0	19°31	19°30	13°28	n.a.	T 16
W17	11 27 31	23°48'55	10♏ 6	13°12	6°22	1° 4	0°59	8°17	1°19	29° 7	2°59	19°31	19°27	13°35	n.a.	W17
T 18	11 31 27	24°47'29	24°25	14°21	7°36	1°48	0°54	8°12	1°20	29° 5	2°58	19°30	19°23	13°42	n.a.	T 18
F 19	11 35 24	25°46'02	8♐44	15°25	8°50	2°32	0°49	8° 8	1°21	29° 3	2°58	19°30	19°20	13°49	n.a.	F 19
S 20	11 39 21	26°44'34	23° 0	16°23	10° 4	3°16	0°44	8° 4	1°22	29° 2	2°57	19°D30	19°17	13°55	n.a.	S 20
S 21	11 43 17	27°43'04	7♑10	17°16	11°17	4° 0	0°39	7°59	1°23	29° 0	2°56	19°30	19°14	14° 2	n.a.	S 21
M22	11 47 14	28°41'32	21°13	18° 2	12°31	4°44	0°34	7°55	1°24	28°59	2°55	19°30	19°11	14° 9	n.a.	M22
T 23	11 51 10	29°39'58	5♒ 7	18°43	13°45	5°28	0°28	7°51	1°25	28°57	2°55	19°31	19° 7	14°15	n.a.	T 23
W24	11 55 7	0♈38'23	18°50	19°18	14°59	6°12	0°23	7°47	1°25	28°55	2°54	19°32	19° 4	14°22	n.a.	W24
T 25	11 59 3	1°36'46	2♓21	19°48	16°13	6°55	0°17	7°43	1°26	28°54	2°53	19°33	19° 1	14°29	n.a.	T 25
F 26	12 3 0	2°35'07	15°39	20°11	17°27	7°39	0°11	7°39	1°27	28°52	2°53	19°R33	18°58	14°36	n.a.	F 26
S 27	12 6 56	3°33'26	28°43	20°28	18°40	8°23	0° 5	7°35	1°27	28°50	2°52	19°33	18°55	14°42	n.a.	S 27
S 28	12 10 53	4°31'43	11♈34	20°40	19°54	9° 7	29♎59	7°31	1°28	28°49	2°51	19°32	18°52	14°49	n.a.	S 28
M29	12 14 49	5°29'59	24°10	20°46	21° 8	9°50	29°53	7°27	1°29	28°47	2°51	19°31	18°48	14°56	n.a.	M29
T 30	12 18 46	6°28'12	6♉34	20°R46	22°21	10°34	29°46	7°23	1°29	28°45	2°50	19°28	18°45	15° 3	n.a.	T 30
W31	12 22 43	7♈26'24	18♉45	20♈41	23♈35	11♈17	29♎40	7♍20	1♑30	28♍44	2♌50	19♓25	18♓42	15♊ 9	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	8s37	8n34	2n22	6s11	0s27	6s30	1s15	4s57	0s40	11s 0	1n21	10n27	2n33	24s 1	0s19	1n55	1n53	31n 5	11n48	4s12	3s53	27n29			n.a.
T 2	8 15	14 11	3 20	5 14	0 16	6 0	1 14	4 39	0 40	10 59	1 21	10 29	2 33	24 1	0 19	1 56	1 53	31 5	11 48	4 11	3 55	27 30			n.a.
W 3	7 52	19 8	4 7	4 16	0 6	5 29	1 13	4 20	0 39	10 58	1 21	10 31	2 33	24 1	0 19	1 56	1 53	31 5	11 48	4 11	3 56	27 31			n.a.
T 4	7 30	23 15	4 43	3 18	0n 6	4 58	1 11	4 2	0 39	10 57	1 21	10 33	2 33	24 1	0 19	1 57	1 53	31 6	11 48	4 11	3 57	27 32			n.a.
F 5	7 7	26 20	5 6	2 20	0 17	4 28	1 10	3 44	0 38	10 56	1 21	10 34	2 33	24 1	0 19	1 57	1 53	31 6	11 48	4 11	3 58	27 33			n.a.
S 6	6 44	28 16	5 16	1 22	0 29	3 57	1 9	3 25	0 38	10 55	1 22	10 36	2 33	24 1	0 19	1 58	1 53	31 6	11 48	4 11	4 0	27 35			n.a.
S 7	6 21	28 54	5 13	0 25	0 41	3 26	1 7	3 7	0 37	10 54	1 22	10 38	2 33	24 1	0 19	1 59	1 53	31 6	11 47	4 11	4 1	27 36			n.a.
M 8	5 58	28 11	4 56	0n30	0 53	2 55	1 6	2 48	0 36	10 52	1 22	10 40	2 33	24 1	0 19	1 59	1 53	31 6	11 47	4 11	4 2	27 37			n.a.
T 9	5 35	26 6	4 25	1 25	1 5	2 23	1 4	2 30	0 36	10 51	1 22	10 42	2 33	24 1	0 19	2 0	1 53	31 6	11 47	4 11	4 3	27 38			n.a.
W10	5 12	22 45	3 42	2 18	1 16	1 52	1 2	2 12	0 35	10 50	1 22	10 43	2 33	24 1	0 19	2 1	1 53	31 6	11 47	4 11	4 5	27 39			n.a.
T 11	4 49	18 15	2 46	3 10	1 28	1 21	1 1	1 53	0 35	10 48	1 22	10 45	2 33	24 1	0 19	2 1	1 53	31 6	11 47	4 11	4 6	27 40			n.a.
F 12	4 26	12 50	1 41	4 0	1 39	0 49	0 59	1 35	0 34	10 47	1 22	10 47	2 33	24 1	0 19	2 2	1 53	31 7	11 47	4 11	4 7	27 41			n.a.
S 13	4 2	6 42	0 29	4 47	1 50	0 18	0 57	1 16	0 34	10 46	1 22	10 49	2 33	24 1	0 19	2 3	1 53	31 7	11 46	4 11	4 8	27 42			n.a.
S 14	3 39	0 8	0s46	5 33	2 1	0n13	0 56	0 58	0 33	10 44	1 23	10 50	2 33	24 1	0 19	2 3	1 53	31 7	11 46	4 11	4 10	27 43			n.a.
M15	3 16	6s33	2 0	6 15	2 11	0 45	0 54	0 40	0 32	10 42	1 23	10 52	2 33	24 1	0 19	2 4	1 53	31 7	11 46	4 11	4 11	27 44			n.a.
T 16	2 52	13 1	3 8	6 55	2 20	1 16	0 52	0 21	0 32	10 41	1 23	10 54	2 33	24 1	0 19	2 5	1 54	31 7	11 46	4 11	4 12	27 44			n.a.
W17	2 29	18 52	4 5	7 33	2 29	1 47	0 50	0 3	0 31	10 39	1 23	10 55	2 33	24 1	0 19	2 5	1 54	31 7	11 46	4 12	4 13	27 45			n.a.
T 18	2 5	23 42	4 47	8 7	2 37	2 19	0 48	0n15	0 31	10 37	1 23	10 57	2 33	24 1	0 19	2 6	1 54	31 7	11 45	4 12	4 15	27 46			n.a.
F 19	1 42	27 7	5 11	8 39	2 44	2 50	0 46	0 34	0 30	10 35	1 23	10 58	2 33	24 1	0 19	2 7	1 54	31 7	11 45	4 12	4 16	27 47			n.a.
S 20	1 19	28 46	5 16	9 7	2 50	3 21	0 44	0 52	0 29	10 34	1 23	11 0	2 33	24 1	0 19	2 7	1 54	31 7	11 45	4 12	4 17	27 48			n.a.
S 21	0 55	28 31	5 2	9 32	2 55	3 53	0 42	1 10	0 29	10 32	1 23	11 2	2 33	24 1	0 19	2 8	1 54	31 7	11 45	4 12	4 18	27 49			n.a.
M22	0 32	26 26	4 29	9 55	3 0	4 24	0 40	1 28	0 28	10 30	1 23	11 3	2 33	24 1	0 19	2 9	1 54	31 7	11 45	4 12	4 20	27 50			n.a.
T 23	0 8	22 47	3 42	10 13	3 3	4 55	0 37	1 46	0 28	10 28	1 23	11 5	2 33	24 1	0 19	2 9	1 54	31 7	11 44	4 12	4 21	27 51			n.a.
W24	0n15	17 54	2 42	10 29	3 5	5 26	0 35	2 4	0 27	10 26	1 23	11 6	2 33	24 1	0 19	2 10	1 54	31 7	11 44	4 11	4 22	27 52			n.a.
T 25	0 39	12 12	1 34	10 41	3 6	5 56	0 33	2 22	0 26	10 24	1 24	11 8	2 33	24 1	0 19	2 11	1 54	31 7	11 44	4 11	4 23	27 53			n.a.
F 26	1 2	6 3	0 22	10 50	3 6	6 27	0 31	2 40	0 26	10 21	1 24	11 9	2 33	24 1	0 19	2 11	1 54	31 6	11 44	4 11	4 25	27 54			n.a.
S 27	1 26	0n15	0n50	10 55	3 4	6 57	0 28	2 58	0 25	10 19	1 24	11 10	2 33	24 1	0 19	2 12	1 54	31 6	11 43	4 11	4 26	27 55			n.a.
S 28	1 49	6 26	1 59	10 57	3 2	7 28	0 26	3 16	0 25	10 17	1 24	11 12	2 33	24 1	0 19	2 13	1 54	31 6	11 43	4 11	4 27	27 55			n.a.
M29	2 12	12 15	3 0	10 56	2 58	7 58	0 24	3 34	0 24	10 15	1 24	11 13	2 33	24 1	0 19	2 13	1 54	31 6	11 43	4 12	4 29	27 56			n.a.
T 30	2 36	17 29	3 51	10 51	2 52	8 28	0 21	3 52	0 23	10 12	1 24	11 15	2 32	24 1	0 19	2 14	1 54	31 6	11 43	4 13	4 30	27 57			n.a.
W31	2n59	21n55	4n31	10n43	2n46	8n58	0s19	4n10	0s23	10s10	1n24	11n16	2n32	24s 1	0s19	2n15	1n54	31n 6	11n42	4s14	4s31	27n58			n.a.

Julian Day Number = 1713081.5, Delta T = 02h59m44s
Ecliptic obliquity = 23°42'01, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°22'39, Lahiri = - 4°15'39 Julian Calendar 1 March 23 BCE == Greg. Calendar 27 Feb. 023 BCE

The year -22 astronomical counting style corresponds to year 023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 23 BCE
geocentric

APRIL 23 BCE (-22) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 26 39	8♈24'34	0♊47	20°R31	24♈49	12♈ 1	29°R33	7°R16	1♑30	28°R42	2°R49	19°R23	18♓39	15♊16	n.a.	T 1
F 2	12 30 36	9°22'41	12°43	20♈16	26° 2	12°44	29♎27	7♍12	1°30	28♍41	2♌49	19♓20	18°36	15°23	n.a.	F 2
S 3	12 34 32	10°20'47	24°36	19°56	27°16	13°27	29°20	7° 9	1°31	28°39	2°48	19°18	18°33	15°29	n.a.	S 3
S 4	12 38 29	11°18'51	6♋30	19°32	28°29	14°11	29°13	7° 6	1°31	28°37	2°48	19°D18	18°29	15°36	n.a.	S 4
M 5	12 42 25	12°16'52	18°30	19° 5	29°43	14°54	29° 6	7° 2	1°31	28°36	2°48	19°18	18°26	15°43	n.a.	M 5
T 6	12 46 22	13°14'52	0♌40	18°34	0♉56	15°37	28°59	6°59	1°31	28°34	2°47	19°18	18°23	15°50	n.a.	T 6
W 7	12 50 18	14°12'50	13° 6	18° 1	2°10	16°20	28°52	6°56	1°31	28°33	2°47	19°20	18°20	15°56	n.a.	W 7
T 8	12 54 15	15°10'45	25°51	17°26	3°23	17° 3	28°45	6°53	1°R31	28°31	2°47	19°22	18°17	16° 3	n.a.	T 8
F 9	12 58 12	16° 8'39	8♍58	16°49	4°37	17°46	28°37	6°49	1°31	28°30	2°47	19°23	18°13	16°10	n.a.	F 9
S 10	13 2 8	17° 6'31	22°29	16°12	5°50	18°29	28°30	6°46	1°31	28°28	2°46	19°R23	18°10	16°17	n.a.	S 10
S 11	13 6 5	18° 4'21	6♎24	15°35	7° 3	19°12	28°23	6°44	1°31	28°27	2°46	19°22	18° 7	16°23	n.a.	S 11
M12	13 10 1	19° 2'10	20°39	14°59	8°17	19°55	28°15	6°41	1°31	28°25	2°46	19°20	18° 4	16°30	n.a.	M12
T 13	13 13 58	19°59'57	5♏11	14°24	9°30	20°38	28° 8	6°38	1°31	28°23	2°46	19°16	18° 1	16°37	n.a.	T 13
W14	13 17 54	20°57'42	19°54	13°51	10°43	21°21	28° 0	6°35	1°30	28°22	2°46	19°12	17°58	16°43	n.a.	W14
T 15	13 21 51	21°55'27	4♐38	13°20	11°56	22° 4	27°53	6°33	1°30	28°21	2°46	19° 7	17°54	16°50	n.a.	T 15
F 16	13 25 47	22°53'10	19°18	12°52	13°10	22°46	27°45	6°30	1°30	28°19	2°46	19° 3	17°51	16°57	n.a.	F 16
S 17	13 29 44	23°50'52	3♑48	12°27	14°23	23°29	27°38	6°28	1°29	28°18	2°D46	19° 0	17°48	17° 4	n.a.	S 17
S 18	13 33 41	24°48'33	18° 3	12° 6	15°36	24°11	27°30	6°25	1°29	28°16	2°46	18°59	17°45	17°10	n.a.	S 18
M19	13 37 37	25°46'12	2♒ 1	11°49	16°49	24°54	27°23	6°23	1°28	28°15	2°46	18°D59	17°42	17°17	n.a.	M19
T 20	13 41 34	26°43'51	15°42	11°36	18° 2	25°36	27°15	6°21	1°28	28°13	2°46	19° 0	17°39	17°24	n.a.	T 20
W21	13 45 30	27°41'28	29° 7	11°28	19°15	26°19	27° 7	6°19	1°27	28°12	2°46	19° 1	17°35	17°31	n.a.	W21
T 22	13 49 27	28°39'04	12♓16	11°D24	20°28	27° 1	27° 0	6°17	1°27	28°11	2°46	19° 2	17°32	17°37	n.a.	T 22
F 23	13 53 23	29°36'40	25°11	11°24	21°41	27°44	26°52	6°15	1°26	28° 9	2°46	19°R 2	17°29	17°44	n.a.	F 23
S 24	13 57 20	0♉34'14	7♈55	11°29	22°54	28°26	26°44	6°13	1°25	28° 8	2°47	19° 1	17°26	17°51	n.a.	S 24
S 25	14 1 16	1°31'46	20°27	11°39	24° 7	29° 8	26°37	6°12	1°24	28° 7	2°47	18°57	17°23	17°57	n.a.	S 25
M26	14 5 13	2°29'18	2♉49	11°53	25°20	29°50	26°29	6°10	1°24	28° 5	2°47	18°51	17°19	18° 4	n.a.	M26
T 27	14 9 10	3°26'49	15° 2	12°11	26°33	0♉32	26°22	6° 9	1°23	28° 4	2°47	18°44	17°16	18°11	n.a.	T 27
W28	14 13 6	4°24'18	27° 6	12°34	27°46	1°15	26°14	6° 7	1°22	28° 3	2°48	18°36	17°13	18°18	n.a.	W28
T 29	14 17 3	5°21'46	9♊ 5	13° 1	28°59	1°57	26° 7	6° 6	1°21	28° 2	2°48	18°27	17°10	18°24	n.a.	T 29
F 30	14 20 59	6♉19'13	20♊58	13♈32	0♊12	2♉39	25♎59	6♍ 5	1♑20	28♍ 0	2♌48	18♓19	17♓ 7	18♊31	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3n22	25n24	4n58	10n32	2n38	9n27	0s16	4n28	0s22	10s 8	1n24	11n17	2n32	24s 1	0s20	2n15	1n54	31n 6	11n42	4s15	4s32	27n59		n.a.
F 2	3 45	27 44	5 12	10 17	2 29	9 57	0 14	4 45	0 22	10 5	1 24	11 18	2 32	24 1	0 20	2 16	1 54	31 6	11 42	4 16	4 34	28 0		n.a.
S 3	4 8	28 48	5 13	10 0	2 18	10 26	0 11	5 3	0 21	10 3	1 24	11 20	2 32	24 1	0 20	2 17	1 54	31 6	11 42	4 17	4 35	28 0		n.a.
S 4	4 31	28 32	5 1	9 40	2 6	10 55	0 9	5 20	0 20	10 0	1 24	11 21	2 32	24 1	0 20	2 17	1 54	31 5	11 41	4 17	4 36	28 1		n.a.
M 5	4 54	26 56	4 35	9 18	1 54	11 24	0 6	5 38	0 20	9 58	1 24	11 22	2 32	24 1	0 20	2 18	1 54	31 5	11 41	4 17	4 37	28 2		n.a.
T 6	5 17	24 4	3 56	8 53	1 40	11 52	0 4	5 55	0 19	9 55	1 24	11 23	2 32	24 1	0 20	2 18	1 54	31 5	11 41	4 17	4 39	28 3		n.a.
W 7	5 40	20 2	3 6	8 27	1 25	12 20	0 1	6 12	0 19	9 53	1 24	11 24	2 32	24 1	0 20	2 19	1 54	31 5	11 41	4 16	4 40	28 4		n.a.
T 8	6 2	15 0	2 6	7 59	1 10	12 48	0n 1	6 30	0 18	9 50	1 24	11 25	2 31	24 1	0 20	2 20	1 54	31 5	11 40	4 15	4 41	28 4		n.a.
F 9	6 25	9 10	0 57	7 30	0 53	13 15	0 4	6 47	0 17	9 48	1 24	11 26	2 31	24 1	0 20	2 20	1 53	31 5	11 40	4 15	4 42	28 5		n.a.
S 10	6 47	2 45	0s17	7 0	0 37	13 43	0 6	7 4	0 17	9 45	1 24	11 27	2 31	24 1	0 20	2 21	1 53	31 4	11 40	4 15	4 44	28 6		n.a.
S 11	7 10	3s58	1 32	6 30	0 20	14 10	0 9	7 21	0 16	9 43	1 24	11 28	2 31	24 1	0 20	2 21	1 53	31 4	11 40	4 15	4 45	28 7		n.a.
M12	7 32	10 39	2 43	6 0	0 3	14 36	0 12	7 38	0 15	9 40	1 24	11 29	2 31	24 1	0 20	2 22	1 53	31 4	11 39	4 16	4 46	28 7		n.a.
T 13	7 54	16 55	3 44	5 31	0s14	15 2	0 14	7 55	0 15	9 37	1 24	11 30	2 31	24 1	0 20	2 23	1 53	31 4	11 39	4 18	4 47	28 8		n.a.
W14	8 16	22 16	4 32	5 2	0 31	15 28	0 17	8 12	0 14	9 35	1 24	11 31	2 31	24 1	0 20	2 23	1 53	31 4	11 39	4 19	4 49	28 9		n.a.
T 15	8 38	26 14	5 2	4 35	0 48	15 53	0 19	8 28	0 14	9 32	1 24	11 32	2 30	24 1	0 20	2 24	1 53	31 3	11 39	4 21	4 50	28 10		n.a.
F 16	9 0	28 26	5 11	4 9	1 4	16 18	0 22	8 45	0 13	9 29	1 24	11 33	2 30	24 1	0 20	2 24	1 53	31 3	11 38	4 23	4 51	28 10		n.a.
S 17	9 21	28 40	5 1	3 45	1 20	16 43	0 25	9 1	0 12	9 27	1 24	11 33	2 30	24 1	0 20	2 25	1 53	31 3	11 38	4 24	4 52	28 11		n.a.
S 18	9 43	26 58	4 32	3 23	1 35	17 7	0 27	9 18	0 12	9 24	1 24	11 34	2 30	24 1	0 20	2 25	1 53	31 2	11 38	4 24	4 54	28 12		n.a.
M19	10 4	23 37	3 48	3 4	1 49	17 31	0 30	9 34	0 11	9 21	1 23	11 35	2 30	24 1	0 20	2 26	1 53	31 2	11 38	4 24	4 55	28 12		n.a.
T 20	10 25	19 1	2 51	2 46	2 2	17 54	0 32	9 50	0 11	9 19	1 23	11 35	2 30	24 2	0 20	2 27	1 53	31 2	11 37	4 24	4 56	28 13		n.a.
W21	10 46	13 34	1 46	2 32	2 14	18 17	0 35	10 7	0 10	9 16	1 23	11 36	2 29	24 2	0 20	2 27	1 53	31 2	11 37	4 23	4 57	28 14		n.a.
T 22	11 7	7 36	0 37	2 19	2 26	18 40	0 37	10 23	0 9	9 13	1 23	11 37	2 29	24 2	0 20	2 28	1 53	31 1	11 37	4 23	4 59	28 14		n.a.
F 23	11 27	1 25	0n33	2 10	2 36	19 2	0 40	10 39	0 9	9 10	1 23	11 37	2 29	24 2	0 20	2 28	1 53	31 1	11 36	4 23	5 0	28 15		n.a.
S 24	11 48	4n42	1 40	2 3	2 46	19 23	0 42	10 54	0 8	9 8	1 23	11 38	2 29	24 2	0 20	2 29	1 53	31 1	11 36	4 24	5 1	28 16		n.a.
S 25	12 8	10 34	2 42	1 59	2 54	19 44	0 45	11 10	0 7	9 5	1 23	11 38	2 29	24 2	0 20	2 29	1 53	31 0	11 36	4 25	5 2	28 16		n.a.
M26	12 28	15 56	3 34	1 58	3 2	20 4	0 47	11 26	0 7	9 2	1 23	11 39	2 29	24 2	0 20	2 30	1 53	31 0	11 36	4 27	5 4	28 17		n.a.
T 27	12 48	20 35	4 16	1 59	3 8	20 24	0 50	11 41	0 6	9 0	1 23	11 39	2 28	24 2	0 20	2 30	1 53	31 0	11 35	4 30	5 5	28 17		n.a.
W28	13 8	24 21	4 46	2 3	3 14	20 43	0 52	11 57	0 6	8 57	1 23	11 39	2 28	24 2	0 20	2 31	1 53	30 59	11 35	4 34	5 6	28 18		n.a.
T 29	13 27	27 2	5 3	2 9	3 18	21 2	0 55	12 12	0 5	8 55	1 22	11 40	2 28	24 2	0 20	2 31	1 53	30 59	11 35	4 37	5 7	28 19		n.a.
F 30	13n46	28n29	5n 7	2n18	3s22	21n20	0n57	12n27	0s 4	8s52	1n22	11n40	2n28	24s 2	0s20	2n32	1n53	30n59	11n35	4s40	5s 9	28n19		n.a.

Julian Day Number = 1713112.5, Delta T = 02h59m43s
Ecliptic obliquity = 23°42'01, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°22'35, Lahiri = - 4°15'35 Julian Calendar 1 Apr. 23 BCE == Greg. Calendar 30 March 023 BCE

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ASTRODIENST EPHEMERIS for the year 23 BCE
geocentric

MAY 23 BCE (-22) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 24 56	7♉16'39	2♋50	14♈ 8	1♊24	3♉20	25°R52	6°R 4	1°R19	27°R59	2♌49	18°R12	17♓ 4	18♊38	n.a.	S 1
S 2	14 28 52	8°14'03	14°42	14°47	2°37	4° 2	25♎44	6♍ 3	1♏18	27♍58	2°49	18♓ 8	17° 0	18°44	n.a.	S 2
M 3	14 32 49	9°11'26	26°40	15°30	3°50	4°44	25°37	6° 2	1°17	27°57	2°50	18° 5	16°57	18°51	n.a.	M 3
T 4	14 36 45	10° 8'48	8♌48	16°17	5° 3	5°26	25°30	6° 1	1°15	27°56	2°50	18°D 4	16°54	18°58	n.a.	T 4
W 5	14 40 42	11° 6'09	21°11	17° 8	6°15	6° 8	25°23	6° 0	1°14	27°55	2°51	18° 4	16°51	19° 5	n.a.	W 5
T 6	14 44 39	12° 3'28	3♍53	18° 2	7°28	6°49	25°16	6° 0	1°13	27°54	2°51	18° 5	16°48	19°11	n.a.	T 6
F 7	14 48 35	13° 0'46	16°59	19° 0	8°40	7°31	25° 9	5°59	1°12	27°53	2°52	18°R 6	16°44	19°18	n.a.	F 7
S 8	14 52 32	13°58'03	0♎32	20° 1	9°53	8°13	25° 2	5°59	1°10	27°52	2°52	18° 5	16°41	19°25	n.a.	S 8
S 9	14 56 28	14°55'19	14°33	21° 5	11° 5	8°54	24°55	5°58	1° 9	27°51	2°53	18° 2	16°38	19°32	n.a.	S 9
M10	15 0 25	15°52'34	29° 1	22°13	12°18	9°36	24°48	5°58	1° 7	27°50	2°54	17°58	16°35	19°38	n.a.	M10
T 11	15 4 21	16°49'49	13♏50	23°24	13°30	10°17	24°42	5°58	1° 6	27°49	2°54	17°51	16°32	19°45	n.a.	T 11
W12	15 8 18	17°47'02	28°54	24°38	14°43	10°58	24°35	5°D58	1° 4	27°48	2°55	17°42	16°29	19°52	n.a.	W12
T 13	15 12 14	18°44'15	14♐ 2	25°55	15°55	11°40	24°29	5°58	1° 3	27°47	2°56	17°33	16°25	19°58	n.a.	T 13
F 14	15 16 11	19°41'27	29° 4	27°16	17° 7	12°21	24°22	5°58	1° 1	27°46	2°57	17°25	16°22	20° 5	n.a.	F 14
S 15	15 20 8	20°38'39	13♑52	28°39	18°20	13° 2	24°16	5°59	1° 0	27°45	2°57	17°19	16°19	20°12	n.a.	S 15
S 16	15 24 4	21°35'51	28°19	0♒ 5	19°32	13°44	24°10	5°59	0°58	27°44	2°58	17°14	16°16	20°19	n.a.	S 16
M17	15 28 1	22°33'02	12♒22	1°35	20°44	14°25	24° 4	6° 0	0°56	27°43	2°59	17°12	16°13	20°25	n.a.	M17
T 18	15 31 57	23°30'13	26° 2	3° 7	21°56	15° 6	23°58	6° 0	0°55	27°43	3° 0	17°D12	16°10	20°32	n.a.	T 18
W19	15 35 54	24°27'24	9♓18	4°42	23° 9	15°47	23°53	6° 1	0°53	27°42	3° 1	17°12	16° 6	20°39	n.a.	W19
T 20	15 39 50	25°24'34	22°16	6°20	24°21	16°28	23°47	6° 2	0°51	27°41	3° 2	17°R12	16° 3	20°46	n.a.	T 20
F 21	15 43 47	26°21'44	4♈57	8° 1	25°33	17° 9	23°42	6° 2	0°49	27°41	3° 3	17°11	16° 0	20°52	n.a.	F 21
S 22	15 47 44	27°18'54	17°25	9°45	26°45	17°50	23°36	6° 3	0°47	27°40	3° 4	17° 7	15°57	20°59	n.a.	S 22
S 23	15 51 40	28°16'04	29°42	11°32	27°57	18°31	23°31	6° 5	0°46	27°39	3° 5	17° 1	15°54	21° 6	n.a.	S 23
M24	15 55 37	29°13'14	11♉51	13°21	29° 9	19°12	23°26	6° 6	0°44	27°39	3° 6	16°52	15°50	21°12	n.a.	M24
T 25	15 59 33	0♊10'23	23°54	15°13	0♋21	19°52	23°21	6° 7	0°42	27°38	3° 7	16°41	15°47	21°19	n.a.	T 25
W26	16 3 30	1° 7'33	5♊52	17° 8	1°33	20°33	23°16	6° 8	0°40	27°38	3° 8	16°28	15°44	21°26	n.a.	W26
T 27	16 7 26	2° 4'41	17°46	19° 5	2°45	21°14	23°12	6°10	0°38	27°37	3° 9	16°15	15°41	21°33	n.a.	T 27
F 28	16 11 23	3° 1'50	29°38	21° 4	3°56	21°55	23° 7	6°11	0°36	27°37	3°10	16° 2	15°38	21°39	n.a.	F 28
S 29	16 15 19	3°58'59	11♋29	23° 6	5° 8	22°35	23° 3	6°13	0°34	27°36	3°11	15°51	15°35	21°46	n.a.	S 29
S 30	16 19 16	4°56'07	23°22	25° 9	6°20	23°16	22°59	6°15	0°32	27°36	3°13	15°43	15°31	21°53	n.a.	S 30
M31	16 23 13	5♊53'14	5♌20	27♉14	7♋32	23♉56	22♎55	6♍17	0♏29	27♍35	3♌14	15♓37	15♓28	21♊59	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n 5	28n37	4n57	2n30	3s24	21n38	0n59	12n42	0s 4	8s49	1n22	11n40	2n28	24s 2	0s20	2n32	1n53	30n58	11n34	4s43	5s10	28n20		n.a.
S 2	14 24	27 26	4 35	2 43	3 26	21 55	1 2	12 57	0 3	8 47	1 22	11 40	2 27	24 2	0 20	2 32	1 53	30 58	11 34	4 45	5 11	28 20		n.a.
M 3	14 43	24 59	4 0	2 59	3 27	22 12	1 4	13 12	0 3	8 44	1 22	11 40	2 27	24 2	0 20	2 33	1 53	30 58	11 34	4 46	5 12	28 21		n.a.
T 4	15 1	21 23	3 15	3 17	3 27	22 27	1 6	13 27	0 2	8 42	1 22	11 41	2 27	24 2	0 20	2 33	1 53	30 57	11 33	4 46	5 14	28 22		n.a.
W 5	15 19	16 47	2 19	3 37	3 27	22 43	1 8	13 41	0 1	8 39	1 22	11 41	2 27	24 2	0 20	2 34	1 53	30 57	11 33	4 46	5 15	28 22		n.a.
T 6	15 37	11 22	1 15	4 0	3 25	22 57	1 11	13 56	0 1	8 37	1 21	11 41	2 27	24 2	0 20	2 34	1 53	30 56	11 33	4 46	5 16	28 23		n.a.
F 7	15 55	5 17	0 6	4 24	3 23	23 11	1 13	14 10	0 0	8 35	1 21	11 41	2 26	24 2	0 20	2 34	1 53	30 56	11 33	4 45	5 17	28 23		n.a.
S 8	16 12	1s14	1s 6	4 50	3 20	23 24	1 15	14 24	0n 1	8 32	1 21	11 41	2 26	24 2	0 20	2 35	1 53	30 56	11 32	4 46	5 19	28 24		n.a.
S 9	16 29	7 54	2 17	5 17	3 16	23 37	1 17	14 38	0 1	8 30	1 21	11 41	2 26	24 2	0 20	2 35	1 53	30 55	11 32	4 47	5 20	28 24		n.a.
M10	16 46	14 22	3 20	5 47	3 12	23 49	1 19	14 52	0 2	8 28	1 21	11 41	2 26	24 2	0 20	2 36	1 53	30 55	11 32	4 49	5 21	28 25		n.a.
T 11	17 3	20 10	4 12	6 18	3 7	24 0	1 21	15 6	0 2	8 25	1 21	11 40	2 26	24 2	0 20	2 36	1 53	30 54	11 32	4 51	5 22	28 25		n.a.
W12	17 19	24 48	4 48	6 51	3 1	24 11	1 23	15 20	0 3	8 23	1 20	11 40	2 25	24 2	0 20	2 36	1 52	30 54	11 31	4 55	5 24	28 26		n.a.
T 13	17 35	27 45	5 3	7 25	2 54	24 21	1 25	15 33	0 4	8 21	1 20	11 40	2 25	24 2	0 21	2 36	1 52	30 53	11 31	4 58	5 25	28 26		n.a.
F 14	17 51	28 39	4 58	8 0	2 48	24 30	1 26	15 47	0 4	8 19	1 20	11 40	2 25	24 2	0 21	2 37	1 52	30 53	11 31	5 1	5 26	28 27		n.a.
S 15	18 6	27 29	4 32	8 37	2 40	24 39	1 28	16 0	0 5	8 17	1 20	11 39	2 25	24 2	0 21	2 37	1 52	30 53	11 31	5 4	5 27	28 27		n.a.
S 16	18 22	24 28	3 50	9 15	2 32	24 47	1 30	16 13	0 5	8 15	1 20	11 39	2 25	24 2	0 21	2 37	1 52	30 52	11 30	5 6	5 29	28 28		n.a.
M17	18 37	20 3	2 54	9 54	2 24	24 54	1 32	16 26	0 6	8 13	1 19	11 39	2 24	24 2	0 21	2 38	1 52	30 52	11 30	5 6	5 30	28 28		n.a.
T 18	18 51	14 42	1 50	10 35	2 15	25 0	1 33	16 39	0 7	8 11	1 19	11 38	2 24	24 2	0 21	2 38	1 52	30 51	11 30	5 7	5 31	28 28		n.a.
W19	19 5	8 49	0 42	11 16	2 5	25 6	1 35	16 51	0 7	8 9	1 19	11 38	2 24	24 2	0 21	2 38	1 52	30 51	11 30	5 6	5 32	28 29		n.a.
T 20	19 19	2 41	0n27	11 58	1 55	25 11	1 36	17 4	0 8	8 7	1 19	11 37	2 24	24 3	0 21	2 38	1 52	30 50	11 29	5 6	5 34	28 29		n.a.
F 21	19 33	3n24	1 33	12 40	1 45	25 15	1 38	17 16	0 8	8 5	1 18	11 37	2 24	24 3	0 21	2 39	1 52	30 50	11 29	5 7	5 35	28 30		n.a.
S 22	19 46	9 15	2 33	13 24	1 35	25 18	1 39	17 29	0 9	8 3	1 18	11 36	2 23	24 3	0 21	2 39	1 52	30 49	11 29	5 8	5 36	28 30		n.a.
S 23	19 59	14 41	3 25	14 7	1 24	25 21	1 40	17 41	0 10	8 1	1 18	11 36	2 23	24 3	0 21	2 39	1 52	30 49	11 29	5 11	5 37	28 31		n.a.
M24	20 12	19 28	4 7	14 51	1 13	25 23	1 41	17 53	0 10	8 0	1 18	11 35	2 23	24 3	0 21	2 39	1 52	30 48	11 28	5 14	5 39	28 31		n.a.
T 25	20 24	23 25	4 37	15 35	1 2	25 24	1 43	18 4	0 11	7 58	1 17	11 34	2 23	24 3	0 21	2 39	1 52	30 48	11 28	5 19	5 40	28 31		n.a.
W26	20 37	26 22	4 55	16 19	0 51	25 25	1 44	18 16	0 12	7 57	1 17	11 34	2 23	24 3	0 21	2 40	1 52	30 47	11 28	5 24	5 41	28 32		n.a.
T 27	20 48	28 7	5 0	17 3	0 39	25 25	1 45	18 28	0 12	7 55	1 17	11 33	2 22	24 3	0 21	2 40	1 52	30 47	11 28	5 29	5 42	28 32		n.a.
F 28	21 0	28 34	4 52	17 46	0 28	25 24	1 46	18 39	0 13	7 54	1 17	11 32	2 22	24 3	0 21	2 40	1 52	30 46	11 27	5 34	5 44	28 32		n.a.
S 29	21 10	27 42	4 31	18 29	0 16	25 22	1 46	18 50	0 13	7 52	1 16	11 31	2 22	24 3	0 21	2 40	1 52	30 46	11 27	5 38	5 45	28 33		n.a.
S 30	21 21	25 34	3 59	19 11	0 5	25 20	1 47	19 1	0 14	7 51	1 16	11 30	2 22	24 3	0 21	2 40	1 52	30 45	11 27	5 42	5 46	28 33		n.a.
M31	21n31	22n18	3n15	19n51	0n 6	25n17	1n48	19n12	0n15	7s50	1n16	11n30	2n22	24s 3	0s21	2n40	1n52	30n45	11n27	5s44	5s47	28n33		n.a.

Julian Day Number = 1713142.5, Delta T = 02h59m43s
Ecliptic obliquity = 23°42'01, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°22'31, Lahiri = - 4°15'31 Julian Calendar 1 May 23 BCE == Greg. Calendar 29 Apr. 023 BCE

The year -22 astronomical counting style corresponds to year 023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 23 BCE
geocentric

JUNE 23 BCE (-22) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 27 9	6♊50'22	17♌27	29♉21	8♋43	24♉37	22°R51	6♍19	0°R27	27°R35	3♌15	15°R34	15♓25	22♊ 6	n.a.	T 1
W 2	16 31 6	7°47'29	29°48	1♊29	9°55	25°17	22♎48	6°21	0♑25	27♍35	3°16	15♓32	15°22	22°13	n.a.	W 2
T 3	16 35 2	8°44'35	12♍26	3°38	11° 6	25°58	22°44	6°23	0°23	27°34	3°18	15°32	15°19	22°20	n.a.	T 3
F 4	16 38 59	9°41'42	25°28	5°48	12°18	26°38	22°41	6°25	0°21	27°34	3°19	15°32	15°16	22°26	n.a.	F 4
S 5	16 42 55	10°38'48	8♎56	7°58	13°29	27°18	22°38	6°27	0°19	27°34	3°20	15°31	15°12	22°33	n.a.	S 5
S 6	16 46 52	11°35'54	22°54	10° 8	14°41	27°59	22°35	6°30	0°16	27°34	3°22	15°27	15° 9	22°40	n.a.	S 6
M 7	16 50 48	12°33'00	7♏20	12°18	15°52	28°39	22°32	6°32	0°14	27°34	3°23	15°21	15° 6	22°47	n.a.	M 7
T 8	16 54 45	13°30'06	22°13	14°28	17° 4	29°19	22°29	6°35	0°12	27°34	3°24	15°13	15° 3	22°53	n.a.	T 8
W 9	16 58 42	14°27'12	7♐24	16°37	18°15	29°59	22°27	6°38	0°10	27°33	3°26	15° 3	15° 0	23° 0	n.a.	W 9
T 10	17 2 38	15°24'18	22°43	18°45	19°26	0♊39	22°25	6°41	0° 7	27°33	3°27	14°52	14°56	23° 7	n.a.	T 10
F 11	17 6 35	16°21'25	8♑ 0	20°52	20°37	1°19	22°23	6°43	0° 5	27°D33	3°29	14°42	14°53	23°13	n.a.	F 11
S 12	17 10 31	17°18'32	23° 2	22°58	21°48	1°59	22°21	6°46	0° 3	27°33	3°30	14°34	14°50	23°20	n.a.	S 12
S 13	17 14 28	18°15'39	7♒42	25° 3	22°59	2°39	22°19	6°49	0° 0	27°33	3°32	14°28	14°47	23°27	n.a.	S 13
M14	17 18 24	19°12'47	21°56	27° 6	24°10	3°19	22°17	6°53	29♐58	27°33	3°33	14°25	14°44	23°34	n.a.	M14
T 15	17 22 21	20° 9'56	5♓41	29° 7	25°21	3°59	22°16	6°56	29°56	27°34	3°35	14°24	14°41	23°40	n.a.	T 15
W16	17 26 18	21° 7'05	18°59	1♋ 7	26°32	4°39	22°15	6°59	29°53	27°34	3°36	14°23	14°37	23°47	n.a.	W16
T 17	17 30 14	22° 4'15	1♈54	3° 5	27°43	5°19	22°14	7° 3	29°51	27°34	3°38	14°23	14°34	23°54	n.a.	T 17
F 18	17 34 11	23° 1'26	14°30	5° 2	28°54	5°58	22°13	7° 6	29°49	27°34	3°39	14°22	14°31	24° 1	n.a.	F 18
S 19	17 38 7	23°58'37	26°50	6°57	0♌ 4	6°38	22°12	7°10	29°46	27°34	3°41	14°18	14°28	24° 7	n.a.	S 19
S 20	17 42 4	24°55'50	8♉59	8°50	1°15	7°18	22°12	7°13	29°44	27°34	3°43	14°12	14°25	24°14	n.a.	S 20
M21	17 46 0	25°53'03	21° 0	10°41	2°26	7°58	22°12	7°17	29°41	27°35	3°44	14° 3	14°22	24°21	n.a.	M21
T 22	17 49 57	26°50'17	2♊56	12°30	3°36	8°37	22°D12	7°21	29°39	27°35	3°46	13°51	14°18	24°27	n.a.	T 22
W23	17 53 53	27°47'31	14°49	14°18	4°47	9°17	22°12	7°25	29°37	27°35	3°48	13°39	14°15	24°34	n.a.	W23
T 24	17 57 50	28°44'47	26°41	16° 4	5°57	9°56	22°12	7°29	29°34	27°36	3°49	13°25	14°12	24°41	n.a.	T 24
F 25	18 1 47	29°42'03	8♋33	17°48	7° 7	10°36	22°12	7°33	29°32	27°36	3°51	13°12	14° 9	24°48	n.a.	F 25
S 26	18 5 43	0♋39'20	20°27	19°30	8°18	11°15	22°13	7°37	29°29	27°37	3°53	13° 1	14° 6	24°54	n.a.	S 26
S 27	18 9 40	1°36'38	2♌24	21°11	9°28	11°55	22°14	7°41	29°27	27°37	3°54	12°53	14° 2	25° 1	n.a.	S 27
M28	18 13 36	2°33'56	14°27	22°49	10°38	12°34	22°15	7°45	29°24	27°38	3°56	12°47	13°59	25° 8	n.a.	M28
T 29	18 17 33	3°31'15	26°38	24°26	11°48	13°13	22°16	7°50	29°22	27°38	3°58	12°43	13°56	25°14	n.a.	T 29
W30	18 21 29	4♋28'34	9♍ 2	26♋ 2	12♌58	13♊53	22♎18	7♍54	29♐20	27♍39	4♌ 0	12°D42	13♓53	25♊21	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n41	18n 2	2n23	20n30	0n17	25n13	1n49	19n22	0n15	7s49	1n16	11n29	2n21	24s 3	0s21	2n40	1n51	30n44	11n27	5s45	5s48	28n34		n.a.
W 2	21 51	12 57	1 22	21 7	0 27	25 8	1 49	19 33	0 16	7 48	1 15	11 28	2 21	24 3	0 21	2 40	1 51	30 44	11 26	5 46	5 50	28 34		n.a.
T 3	22 0	7 13	0 16	21 43	0 37	25 3	1 50	19 43	0 16	7 47	1 15	11 27	2 21	24 3	0 21	2 40	1 51	30 43	11 26	5 46	5 51	28 34		n.a.
F 4	22 9	1 1	0s52	22 16	0 47	24 57	1 50	19 53	0 17	7 46	1 15	11 26	2 21	24 3	0 21	2 41	1 51	30 43	11 26	5 46	5 52	28 35		n.a.
S 5	22 17	5s25	2 0	22 47	0 56	24 50	1 50	20 3	0 18	7 45	1 15	11 25	2 20	24 3	0 21	2 41	1 51	30 42	11 26	5 46	5 53	28 35		n.a.
S 6	22 25	11 50	3 3	23 16	1 4	24 43	1 51	20 13	0 18	7 44	1 14	11 23	2 20	24 3	0 21	2 41	1 51	30 42	11 26	5 48	5 55	28 35		n.a.
M 7	22 33	17 50	3 57	23 42	1 12	24 35	1 51	20 23	0 19	7 43	1 14	11 22	2 20	24 3	0 21	2 41	1 51	30 41	11 25	5 50	5 56	28 36		n.a.
T 8	22 40	22 58	4 37	24 6	1 19	24 26	1 51	20 32	0 19	7 42	1 14	11 21	2 20	24 3	0 21	2 41	1 51	30 41	11 25	5 53	5 57	28 36		n.a.
W 9	22 47	26 40	4 57	24 26	1 26	24 16	1 51	20 42	0 20	7 42	1 13	11 20	2 20	24 3	0 21	2 41	1 51	30 40	11 25	5 57	5 58	28 36		n.a.
T 10	22 53	28 27	4 57	24 44	1 32	24 6	1 51	20 51	0 21	7 41	1 13	11 19	2 19	24 3	0 21	2 41	1 51	30 40	11 25	6 1	6 0	28 36		n.a.
F 11	23 0	28 3	4 36	24 59	1 37	23 55	1 50	21 0	0 21	7 41	1 13	11 17	2 19	24 3	0 21	2 41	1 51	30 39	11 25	6 5	6 1	28 37		n.a.
S 12	23 5	25 35	3 56	25 12	1 41	23 43	1 50	21 8	0 22	7 40	1 13	11 16	2 19	24 3	0 21	2 40	1 51	30 39	11 25	6 9	6 2	28 37		n.a.
S 13	23 10	21 27	3 1	25 21	1 45	23 31	1 50	21 17	0 22	7 40	1 12	11 15	2 19	24 3	0 21	2 40	1 51	30 38	11 24	6 11	6 3	28 37		n.a.
M14	23 15	16 10	1 56	25 28	1 48	23 18	1 49	21 25	0 23	7 39	1 12	11 13	2 19	24 3	0 21	2 40	1 51	30 37	11 24	6 12	6 5	28 37		n.a.
T 15	23 20	10 14	0 46	25 32	1 50	23 5	1 49	21 34	0 23	7 39	1 12	11 12	2 19	24 3	0 21	2 40	1 51	30 37	11 24	6 12	6 6	28 37		n.a.
W16	23 24	4 2	0n24	25 33	1 52	22 51	1 48	21 42	0 24	7 39	1 11	11 11	2 18	24 3	0 21	2 40	1 51	30 36	11 24	6 13	6 7	28 38		n.a.
T 17	23 28	2n 9	1 31	25 32	1 53	22 36	1 48	21 49	0 25	7 39	1 11	11 9	2 18	24 3	0 21	2 40	1 51	30 36	11 24	6 13	6 8	28 38		n.a.
F 18	23 31	8 6	2 32	25 29	1 53	22 21	1 47	21 57	0 25	7 39	1 11	11 8	2 18	24 3	0 21	2 40	1 51	30 35	11 24	6 13	6 10	28 38		n.a.
S 19	23 34	13 37	3 24	25 23	1 53	22 5	1 46	22 5	0 26	7 39	1 11	11 6	2 18	24 3	0 21	2 40	1 50	30 35	11 23	6 15	6 11	28 38		n.a.
S 20	23 36	18 32	4 6	25 15	1 52	21 48	1 45	22 12	0 26	7 39	1 10	11 5	2 18	24 3	0 21	2 40	1 50	30 34	11 23	6 17	6 12	28 38		n.a.
M21	23 38	22 39	4 37	25 5	1 50	21 31	1 44	22 19	0 27	7 39	1 10	11 3	2 17	24 3	0 21	2 39	1 50	30 34	11 23	6 21	6 13	28 38		n.a.
T 22	23 40	25 47	4 55	24 54	1 48	21 13	1 43	22 26	0 28	7 39	1 10	11 1	2 17	24 3	0 21	2 39	1 50	30 33	11 23	6 25	6 15	28 39		n.a.
W23	23 41	27 48	5 0	24 40	1 45	20 55	1 41	22 33	0 28	7 40	1 9	11 0	2 17	24 3	0 21	2 39	1 50	30 33	11 23	6 30	6 16	28 39		n.a.
T 24	23 42	28 32	4 52	24 24	1 42	20 36	1 40	22 39	0 29	7 40	1 9	10 58	2 17	24 3	0 21	2 39	1 50	30 32	11 23	6 35	6 17	28 39		n.a.
F 25	23 42	27 57	4 32	24 7	1 38	20 17	1 39	22 46	0 29	7 40	1 9	10 56	2 17	24 3	0 21	2 39	1 50	30 31	11 23	6 40	6 18	28 39		n.a.
S 26	23 42	26 4	4 0	23 49	1 34	19 57	1 37	22 52	0 30	7 41	1 9	10 55	2 17	24 3	0 21	2 38	1 50	30 31	11 23	6 44	6 19	28 39		n.a.
S 27	23 41	23 1	3 16	23 29	1 29	19 36	1 35	22 58	0 31	7 42	1 8	10 53	2 16	24 3	0 21	2 38	1 50	30 30	11 22	6 48	6 21	28 39		n.a.
M28	23 40	18 58	2 24	23 7	1 24	19 16	1 34	23 4	0 31	7 42	1 8	10 51	2 16	24 3	0 21	2 38	1 50	30 30	11 22	6 50	6 22	28 39		n.a.
T 29	23 39	14 5	1 24	22 45	1 18	18 54	1 32	23 9	0 32	7 43	1 8	10 49	2 16	24 3	0 21	2 38	1 50	30 29	11 22	6 51	6 23	28 39		n.a.
W30	23n37	8n34	0n20	22n21	1n12	18n32	1n30	23n15	0n32	7s44	1n 7	10n48	2n16	24s 3	0s21	2n37	1n50	30n29	11n22	6s52	6s24	28n39		n.a.

Julian Day Number = 1713173.5, Delta T = 02h59m42s
Ecliptic obliquity = 23°42'00, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°22'27, Lahiri = - 4°15'26 Julian Calendar 1 June 23 BCE == Greg. Calendar 30 May 023 BCE

The year -22 astronomical counting style corresponds to year 023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 23 BCE
geocentric

JULY 23 BCE (-22) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 25 26	5♋25'54	21♍41	27♋35	14♌ 8	14♊32	22♎19	7♍59	29°R17	27♍39	4♌ 1	12♓42	13♓50	25♊28	n.a.	T 1
F 2	18 29 22	6°23'15	4♎40	29° 7	15°18	15°11	22°21	8° 3	29♐15	27°40	4° 3	12°R43	13°47	25°35	n.a.	F 2
S 3	18 33 19	7°20'36	18° 3	0♌37	16°28	15°50	22°23	8° 8	29°13	27°41	4° 5	12°42	13°43	25°41	n.a.	S 3
S 4	18 37 16	8°17'58	1♏52	2° 5	17°37	16°29	22°25	8°13	29°10	27°41	4° 7	12°40	13°40	25°48	n.a.	S 4
M 5	18 41 12	9°15'21	16° 9	3°31	18°47	17° 9	22°27	8°18	29° 8	27°42	4° 9	12°36	13°37	25°55	n.a.	M 5
T 6	18 45 9	10°12'45	0♐52	4°55	19°56	17°48	22°30	8°23	29° 5	27°43	4°11	12°29	13°34	26° 2	n.a.	T 6
W 7	18 49 5	11°10'10	15°54	6°18	21° 6	18°27	22°32	8°27	29° 3	27°44	4°12	12°21	13°31	26° 8	n.a.	W 7
T 8	18 53 2	12° 7'35	1♑ 9	7°38	22°15	19° 6	22°35	8°32	29° 1	27°45	4°14	12°12	13°28	26°15	n.a.	T 8
F 9	18 56 58	13° 5'02	16°25	8°57	23°24	19°45	22°38	8°38	28°58	27°45	4°16	12° 4	13°24	26°22	n.a.	F 9
S 10	19 0 55	14° 2'30	1♒30	10°14	24°34	20°23	22°41	8°43	28°56	27°46	4°18	11°57	13°21	26°28	n.a.	S 10
S 11	19 4 52	14°59'59	16°17	11°28	25°43	21° 2	22°44	8°48	28°54	27°47	4°20	11°52	13°18	26°35	n.a.	S 11
M12	19 8 48	15°57'30	0♓38	12°41	26°52	21°41	22°48	8°53	28°52	27°48	4°22	11°50	13°15	26°42	n.a.	M12
T 13	19 12 45	16°55'01	14°31	13°51	28° 0	22°20	22°51	8°59	28°49	27°49	4°24	11°D49	13°12	26°49	n.a.	T 13
W14	19 16 41	17°52'35	27°56	14°59	29° 9	22°59	22°55	9° 4	28°47	27°50	4°26	11°50	13° 8	26°55	n.a.	W14
T 15	19 20 38	18°50'10	10♈54	16° 5	0♍18	23°37	22°59	9° 9	28°45	27°51	4°28	11°51	13° 5	27° 2	n.a.	T 15
F 16	19 24 34	19°47'46	23°31	17° 8	1°26	24°16	23° 3	9°15	28°43	27°52	4°30	11°R51	13° 2	27° 9	n.a.	F 16
S 17	19 28 31	20°45'25	5♉51	18° 8	2°35	24°55	23° 8	9°20	28°40	27°53	4°32	11°50	12°59	27°15	n.a.	S 17
S 18	19 32 27	21°43'05	17°58	19° 6	3°43	25°33	23°12	9°26	28°38	27°54	4°34	11°47	12°56	27°22	n.a.	S 18
M19	19 36 24	22°40'46	29°56	20° 1	4°51	26°12	23°17	9°32	28°36	27°56	4°36	11°41	12°53	27°29	n.a.	M19
T 20	19 40 21	23°38'30	11♊49	20°53	6° 0	26°51	23°22	9°38	28°34	27°57	4°38	11°34	12°49	27°36	n.a.	T 20
W21	19 44 17	24°36'15	23°40	21°42	7° 8	27°29	23°27	9°43	28°32	27°58	4°40	11°26	12°46	27°42	n.a.	W21
T 22	19 48 14	25°34'01	5♋32	22°28	8°16	28° 8	23°32	9°49	28°30	27°59	4°41	11°17	12°43	27°49	n.a.	T 22
F 23	19 52 10	26°31'49	17°28	23°10	9°23	28°46	23°37	9°55	28°28	28° 1	4°43	11° 8	12°40	27°56	n.a.	F 23
S 24	19 56 7	27°29'39	29°27	23°48	10°31	29°24	23°42	10° 1	28°26	28° 2	4°45	11° 1	12°37	28° 3	n.a.	S 24
S 25	20 0 3	28°27'30	11♌33	24°23	11°39	0♋ 3	23°48	10° 7	28°24	28° 3	4°47	10°56	12°34	28° 9	n.a.	S 25
M26	20 4 0	29°25'23	23°46	24°53	12°46	0°41	23°54	10°13	28°22	28° 4	4°49	10°52	12°30	28°16	n.a.	M26
T 27	20 7 56	0♌23'17	6♍ 9	25°19	13°53	1°19	24° 0	10°19	28°20	28° 6	4°51	10°D51	12°27	28°23	n.a.	T 27
W28	20 11 53	1°21'13	18°43	25°40	15° 0	1°58	24° 6	10°26	28°18	28° 7	4°53	10°51	12°24	28°29	n.a.	W28
T 29	20 15 50	2°19'10	1♎31	25°56	16° 7	2°36	24°12	10°32	28°16	28° 9	4°55	10°52	12°21	28°36	n.a.	T 29
F 30	20 19 46	3°17'09	14°35	26° 7	17°14	3°14	24°18	10°38	28°14	28°10	4°57	10°54	12°18	28°43	n.a.	F 30
S 31	20 23 43	4♌15'09	27♎58	26°R13	18♍21	3♋52	24♎25	10♍44	28♐13	28♍12	4♌59	10°R55	12♓14	28♊50	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n35	2n36	0s48	21n56	1n 5	18n10	1n28	23n20	0n33	7s45	1n 7	10n46	2n16	24s 3	0s21	2n37	1n50	30n28	11n22	6s52	6s26	28n39			n.a.
F 2	23 33	3s37	1 54	21 31	0 59	17 47	1 26	23 25	0 33	7 45	1 7	10 44	2 16	24 3	0 21	2 37	1 50	30 28	11 22	6 52	6 27	28 40			n.a.
S 3	23 30	9 52	2 56	21 4	0 51	17 24	1 24	23 30	0 34	7 46	1 7	10 42	2 15	24 3	0 21	2 36	1 50	30 27	11 22	6 52	6 28	28 40			n.a.
S 4	23 26	15 51	3 51	20 37	0 44	17 0	1 21	23 35	0 35	7 48	1 6	10 40	2 15	24 3	0 21	2 36	1 50	30 27	11 22	6 53	6 29	28 40			n.a.
M 5	23 22	21 11	4 32	20 10	0 36	16 36	1 19	23 39	0 35	7 49	1 6	10 38	2 15	24 3	0 21	2 36	1 50	30 26	11 22	6 54	6 31	28 40			n.a.
T 6	23 18	25 24	4 58	19 41	0 28	16 12	1 16	23 44	0 36	7 50	1 6	10 36	2 15	24 3	0 21	2 35	1 50	30 25	11 22	6 57	6 32	28 40			n.a.
W 7	23 13	27 58	5 3	19 13	0 19	15 47	1 14	23 48	0 36	7 51	1 5	10 34	2 15	24 3	0 21	2 35	1 49	30 25	11 22	7 0	6 33	28 40			n.a.
T 8	23 8	28 29	4 48	18 43	0 10	15 22	1 11	23 52	0 37	7 52	1 5	10 32	2 15	24 3	0 21	2 35	1 49	30 24	11 22	7 3	6 34	28 40			n.a.
F 9	23 3	26 50	4 11	18 14	0 1	14 56	1 9	23 55	0 37	7 54	1 5	10 30	2 14	24 3	0 21	2 34	1 49	30 24	11 21	7 7	6 35	28 40			n.a.
S 10	22 57	23 15	3 18	17 44	0s 8	14 31	1 6	23 59	0 38	7 55	1 5	10 28	2 14	24 3	0 21	2 34	1 49	30 23	11 21	7 9	6 37	28 40			n.a.
S 11	22 51	18 14	2 12	17 15	0 18	14 4	1 3	24 2	0 39	7 57	1 4	10 26	2 14	24 3	0 21	2 33	1 49	30 23	11 21	7 11	6 38	28 40			n.a.
M12	22 44	12 18	1 0	16 45	0 28	13 38	1 0	24 5	0 39	7 58	1 4	10 24	2 14	24 3	0 21	2 33	1 49	30 22	11 21	7 12	6 39	28 40			n.a.
T 13	22 37	5 56	0n14	16 15	0 38	13 11	0 57	24 8	0 40	8 0	1 4	10 21	2 14	24 3	0 21	2 33	1 49	30 22	11 21	7 12	6 40	28 40			n.a.
W14	22 29	0n28	1 25	15 45	0 48	12 44	0 54	24 11	0 40	8 2	1 3	10 19	2 14	24 3	0 21	2 32	1 49	30 21	11 21	7 12	6 42	28 40			n.a.
T 15	22 22	6 39	2 30	15 16	0 58	12 16	0 50	24 14	0 41	8 3	1 3	10 17	2 14	24 3	0 21	2 32	1 49	30 21	11 21	7 12	6 43	28 40			n.a.
F 16	22 13	12 24	3 25	14 47	1 9	11 48	0 47	24 16	0 41	8 5	1 3	10 15	2 14	24 3	0 21	2 31	1 49	30 20	11 21	7 12	6 44	28 40			n.a.
S 17	22 5	17 31	4 9	14 18	1 19	11 20	0 43	24 18	0 42	8 7	1 3	10 12	2 13	24 3	0 21	2 31	1 49	30 20	11 21	7 12	6 45	28 39			n.a.
S 18	21 56	21 51	4 41	13 50	1 30	10 52	0 40	24 20	0 43	8 9	1 2	10 10	2 13	24 3	0 21	2 30	1 49	30 19	11 21	7 13	6 47	28 39			n.a.
M19	21 46	25 15	5 1	13 22	1 41	10 24	0 36	24 22	0 43	8 11	1 2	10 8	2 13	24 3	0 21	2 30	1 49	30 19	11 21	7 15	6 48	28 39			n.a.
T 20	21 36	27 31	5 7	12 55	1 52	9 55	0 33	24 23	0 44	8 13	1 2	10 6	2 13	24 3	0 21	2 29	1 49	30 18	11 21	7 18	6 49	28 39			n.a.
W21	21 26	28 32	5 0	12 29	2 3	9 26	0 29	24 25	0 44	8 15	1 2	10 3	2 13	24 3	0 21	2 29	1 49	30 18	11 21	7 21	6 50	28 39			n.a.
T 22	21 16	28 15	4 40	12 4	2 14	8 57	0 25	24 26	0 45	8 17	1 1	10 1	2 13	24 3	0 21	2 28	1 49	30 17	11 21	7 25	6 51	28 39			n.a.
F 23	21 5	26 39	4 8	11 40	2 25	8 28	0 21	24 27	0 45	8 19	1 1	9 59	2 13	24 3	0 21	2 28	1 49	30 17	11 21	7 28	6 53	28 39			n.a.
S 24	20 53	23 49	3 25	11 17	2 36	7 58	0 17	24 28	0 46	8 22	1 1	9 56	2 13	24 3	0 21	2 27	1 49	30 16	11 21	7 31	6 54	28 39			n.a.
S 25	20 42	19 56	2 32	10 55	2 47	7 28	0 13	24 29	0 47	8 24	1 1	9 54	2 12	24 3	0 21	2 26	1 49	30 16	11 21	7 33	6 55	28 39			n.a.
M26	20 30	15 11	1 31	10 35	2 57	6 59	0 9	24 29	0 47	8 26	1 0	9 51	2 12	24 3	0 21	2 26	1 48	30 15	11 21	7 34	6 56	28 38			n.a.
T 27	20 17	9 45	0 25	10 17	3 8	6 29	0 5	24 29	0 48	8 29	1 0	9 49	2 12	24 3	0 21	2 25	1 48	30 15	11 21	7 35	6 58	28 38			n.a.
W28	20 5	3 52	0s43	10 0	3 18	5 58	0 0	24 29	0 48	8 31	1 0	9 46	2 12	24 3	0 21	2 25	1 48	30 14	11 21	7 35	6 59	28 38			n.a.
T 29	19 51	2s17	1 50	9 45	3 28	5 28	0s 4	24 29	0 49	8 34	1 0	9 44	2 12	24 3	0 21	2 24	1 48	30 14	11 22	7 34	7 0	28 38			n.a.
F 30	19 38	8 28	2 53	9 33	3 37	4 58	0 9	24 29	0 49	8 36	0 59	9 41	2 12	24 3	0 21	2 23	1 48	30 13	11 22	7 34	7 1	28 38			n.a.
S 31	19n24	14s25	3s48	9n23	3s46	4n27	0s13	24n28	0n50	8s39	0n59	9n39	2n12	24s 3	0s21	2n23	1n48	30n13	11n22	7s33	7s 3	28n38			n.a.

Julian Day Number = 1713203.5, Delta T = 02h59m41s
Ecliptic obliquity = 23°42'00, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°22'23, Lahiri = - 4°15'22 Julian Calendar 1 July 23 BCE == Greg. Calendar 29 June 023 BCE

The year -22 astronomical counting style corresponds to year 023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 23 BCE
geocentric

AUGUST 23 BCE (-22) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 27 39	5♌13'10	11♏42	26°R12	19♍28	4♋30	24♎31	10♍51	28°R11	28♍13	5♌ 1	10°R55	12♓11	28♊56	n.a.	S 1
M 2	20 31 36	6°11'13	25°48	26♌ 6	20°34	5° 8	24°38	10°57	28♐ 9	28°15	5° 3	10♓53	12° 8	29° 3	n.a.	M 2
T 3	20 35 32	7° 9'18	10♐15	25°54	21°40	5°46	24°45	11° 4	28° 7	28°16	5° 6	10°50	12° 5	29°10	n.a.	T 3
W 4	20 39 29	8° 7'24	24°59	25°36	22°46	6°24	24°52	11°10	28° 6	28°18	5° 8	10°46	12° 2	29°16	n.a.	W 4
T 5	20 43 25	9° 5'31	9♑54	25°11	23°52	7° 2	24°59	11°17	28° 4	28°19	5°10	10°42	11°59	29°23	n.a.	T 5
F 6	20 47 22	10° 3'41	24°53	24°40	24°58	7°40	25° 6	11°23	28° 3	28°21	5°12	10°37	11°55	29°30	n.a.	F 6
S 7	20 51 19	11° 1'52	9♒47	24° 3	26° 4	8°18	25°14	11°30	28° 1	28°23	5°14	10°34	11°52	29°37	n.a.	S 7
S 8	20 55 15	12° 0'04	24°26	23°20	27° 9	8°56	25°21	11°36	27°59	28°24	5°16	10°32	11°49	29°43	n.a.	S 8
M 9	20 59 12	12°58'19	8♓46	22°32	28°14	9°34	25°29	11°43	27°58	28°26	5°18	10°D31	11°46	29°50	n.a.	M 9
T 10	21 3 8	13°56'36	22°41	21°40	29°19	10°12	25°37	11°50	27°57	28°28	5°19	10°31	11°43	29°57	n.a.	T 10
W11	21 7 5	14°54'54	6♈10	20°44	0♎24	10°49	25°45	11°56	27°55	28°29	5°21	10°33	11°40	0♋ 3	n.a.	W11
T 12	21 11 1	15°53'15	19°14	19°45	1°29	11°27	25°53	12° 3	27°54	28°31	5°23	10°34	11°36	0°10	n.a.	T 12
F 13	21 14 58	16°51'38	1♉55	18°44	2°33	12° 5	26° 1	12°10	27°52	28°33	5°25	10°36	11°33	0°17	n.a.	F 13
S 14	21 18 54	17°50'04	14°18	17°43	3°37	12°43	26°10	12°17	27°51	28°35	5°27	10°R36	11°30	0°24	n.a.	S 14
S 15	21 22 51	18°48'31	26°26	16°43	4°41	13°20	26°18	12°24	27°50	28°36	5°29	10°36	11°27	0°30	n.a.	S 15
M16	21 26 48	19°47'01	8♊25	15°46	5°45	13°58	26°27	12°31	27°49	28°38	5°31	10°35	11°24	0°37	n.a.	M16
T 17	21 30 44	20°45'33	20°18	14°53	6°48	14°35	26°35	12°38	27°48	28°40	5°33	10°33	11°20	0°44	n.a.	T 17
W18	21 34 41	21°44'08	2♋ 9	14° 5	7°52	15°13	26°44	12°45	27°46	28°42	5°35	10°30	11°17	0°50	n.a.	W18
T 19	21 38 37	22°42'44	14° 3	13°23	8°55	15°50	26°53	12°52	27°45	28°44	5°37	10°27	11°14	0°57	n.a.	T 19
F 20	21 42 34	23°41'23	26° 3	12°49	9°57	16°28	27° 2	12°59	27°44	28°46	5°39	10°25	11°11	1° 4	n.a.	F 20
S 21	21 46 30	24°40'04	8♌10	12°24	11° 0	17° 5	27°11	13° 6	27°43	28°48	5°41	10°22	11° 8	1°11	n.a.	S 21
S 22	21 50 27	25°38'47	20°28	12° 7	12° 2	17°42	27°21	13°13	27°42	28°50	5°43	10°21	11° 5	1°17	n.a.	S 22
M23	21 54 23	26°37'32	2♍56	12°D 1	13° 4	18°20	27°30	13°20	27°42	28°52	5°45	10°20	11° 1	1°24	n.a.	M23
T 24	21 58 20	27°36'19	15°36	12° 3	14° 6	18°57	27°39	13°27	27°41	28°54	5°47	10°D20	10°58	1°31	n.a.	T 24
W25	22 2 16	28°35'08	28°29	12°16	15° 7	19°34	27°49	13°34	27°40	28°56	5°49	10°20	10°55	1°37	n.a.	W25
T 26	22 6 13	29°33'59	11♎35	12°38	16° 8	20°11	27°59	13°41	27°39	28°58	5°51	10°21	10°52	1°44	n.a.	T 26
F 27	22 10 10	0♍32'52	24°55	13°10	17° 9	20°49	28° 9	13°48	27°39	29° 0	5°52	10°22	10°49	1°51	n.a.	F 27
S 28	22 14 6	1°31'47	8♏29	13°51	18° 9	21°26	28°18	13°55	27°38	29° 2	5°54	10°23	10°46	1°58	n.a.	S 28
S 29	22 18 3	2°30'44	22°17	14°40	19°10	22° 3	28°29	14° 3	27°37	29° 4	5°56	10°23	10°42	2° 4	n.a.	S 29
M30	22 21 59	3°29'43	6♐18	15°37	20° 9	22°40	28°39	14°10	27°37	29° 6	5°58	10°R24	10°39	2°11	n.a.	M30
T 31	22 25 56	4♍28'43	20♐32	16♌42	21♎ 9	23♋17	28♎49	14♍17	27♐36	29♍ 8	6♌ 0	10♓23	10♓36	2♋18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	19n10	19s49	4s32	9n15	3s54	3n57	0s18	24n28	0n51	8s42	0n59	9n36	2n12	24s 2	0s21	2n22	1n48	30n12	11n22	7s33	7s 4	28n37			n.a.
M 2	18 56	24 17	5 1	9 11	4 1	3 26	0 22	24 27	0 51	8 44	0 59	9 34	2 12	24 2	0 21	2 21	1 48	30 12	11 22	7 34	7 5	28 37			n.a.
T 3	18 41	27 22	5 12	9 9	4 7	2 56	0 27	24 26	0 52	8 47	0 58	9 31	2 12	24 2	0 21	2 21	1 48	30 11	11 22	7 35	7 6	28 37			n.a.
W 4	18 26	28 38	5 2	9 10	4 13	2 25	0 32	24 25	0 52	8 50	0 58	9 29	2 12	24 2	0 21	2 20	1 48	30 11	11 22	7 36	7 7	28 37			n.a.
T 5	18 11	27 51	4 32	9 14	4 17	1 54	0 37	24 23	0 53	8 53	0 58	9 26	2 11	24 2	0 21	2 19	1 48	30 11	11 22	7 38	7 9	28 37			n.a.
F 6	17 55	25 3	3 44	9 22	4 20	1 23	0 41	24 22	0 53	8 56	0 58	9 24	2 11	24 2	0 21	2 19	1 48	30 10	11 22	7 40	7 10	28 36			n.a.
S 7	17 39	20 34	2 40	9 33	4 21	0 52	0 46	24 20	0 54	8 59	0 57	9 21	2 11	24 2	0 21	2 18	1 48	30 10	11 22	7 41	7 11	28 36			n.a.
S 8	17 23	14 53	1 27	9 47	4 21	0 22	0 51	24 18	0 54	9 2	0 57	9 18	2 11	24 2	0 21	2 17	1 48	30 9	11 22	7 42	7 12	28 36			n.a.
M 9	17 6	8 31	0 10	10 4	4 19	0s 9	0 56	24 16	0 55	9 5	0 57	9 16	2 11	24 2	0 21	2 17	1 48	30 9	11 22	7 42	7 14	28 36			n.a.
T 10	16 49	1 55	1n 6	10 25	4 15	0 40	1 2	24 14	0 56	9 8	0 57	9 13	2 11	24 2	0 21	2 16	1 48	30 8	11 23	7 42	7 15	28 35			n.a.
W11	16 32	4n33	2 16	10 48	4 9	1 11	1 7	24 11	0 56	9 11	0 56	9 10	2 11	24 2	0 21	2 15	1 48	30 8	11 23	7 42	7 16	28 35			n.a.
T 12	16 15	10 38	3 17	11 14	4 1	1 41	1 12	24 8	0 57	9 14	0 56	9 8	2 11	24 2	0 21	2 14	1 48	30 8	11 23	7 41	7 17	28 35			n.a.
F 13	15 57	16 6	4 6	11 42	3 52	2 12	1 17	24 6	0 57	9 17	0 56	9 5	2 11	24 2	0 21	2 14	1 48	30 7	11 23	7 41	7 18	28 34			n.a.
S 14	15 39	20 47	4 42	12 12	3 40	2 43	1 22	24 3	0 58	9 21	0 56	9 2	2 11	24 2	0 21	2 13	1 48	30 7	11 23	7 40	7 20	28 34			n.a.
S 15	15 21	24 30	5 5	12 43	3 26	3 13	1 28	23 59	0 58	9 24	0 55	9 0	2 11	24 2	0 21	2 12	1 48	30 6	11 23	7 40	7 21	28 34			n.a.
M16	15 3	27 7	5 14	13 15	3 11	3 44	1 33	23 56	0 59	9 27	0 55	8 57	2 11	24 2	0 21	2 11	1 48	30 6	11 23	7 41	7 22	28 34			n.a.
T 17	14 44	28 30	5 10	13 46	2 55	4 14	1 38	23 53	0 59	9 31	0 55	8 54	2 11	24 2	0 21	2 11	1 48	30 6	11 24	7 42	7 23	28 33			n.a.
W18	14 25	28 34	4 53	14 17	2 37	4 44	1 44	23 49	1 0	9 34	0 55	8 51	2 11	24 2	0 21	2 10	1 48	30 5	11 24	7 43	7 25	28 33			n.a.
T 19	14 6	27 18	4 22	14 46	2 18	5 14	1 49	23 45	1 1	9 37	0 55	8 49	2 11	24 2	0 21	2 9	1 48	30 5	11 24	7 44	7 26	28 32			n.a.
F 20	13 46	24 47	3 41	15 14	1 59	5 44	1 55	23 41	1 1	9 41	0 54	8 46	2 11	24 2	0 21	2 8	1 48	30 5	11 24	7 45	7 27	28 32			n.a.
S 21	13 26	21 8	2 48	15 40	1 40	6 14	2 0	23 37	1 2	9 44	0 54	8 43	2 11	24 2	0 21	2 8	1 48	30 4	11 24	7 46	7 28	28 32			n.a.
S 22	13 7	16 31	1 48	16 4	1 20	6 44	2 6	23 33	1 2	9 48	0 54	8 40	2 11	24 2	0 21	2 7	1 47	30 4	11 24	7 46	7 29	28 31			n.a.
M23	12 46	11 10	0 41	16 24	1 1	7 14	2 11	23 28	1 3	9 52	0 54	8 38	2 11	24 2	0 21	2 6	1 47	30 4	11 25	7 46	7 31	28 31			n.a.
T 24	12 26	5 17	0s29	16 41	0 42	7 43	2 17	23 23	1 3	9 55	0 54	8 35	2 10	24 2	0 21	2 5	1 47	30 3	11 25	7 47	7 32	28 31			n.a.
W25	12 6	0s54	1 39	16 55	0 24	8 12	2 22	23 19	1 4	9 59	0 53	8 32	2 10	24 2	0 21	2 4	1 47	30 3	11 25	7 46	7 33	28 30			n.a.
T 26	11 45	7 9	2 45	17 5	0 7	8 41	2 28	23 14	1 5	10 3	0 53	8 29	2 10	24 2	0 21	2 3	1 47	30 3	11 25	7 46	7 34	28 30			n.a.
F 27	11 24	13 12	3 42	17 11	0n 9	9 10	2 34	23 8	1 5	10 6	0 53	8 26	2 10	24 2	0 21	2 3	1 47	30 2	11 25	7 46	7 36	28 29			n.a.
S 28	11 3	18 43	4 29	17 14	0 24	9 39	2 39	23 3	1 6	10 10	0 53	8 24	2 10	24 2	0 21	2 2	1 47	30 2	11 26	7 45	7 37	28 29			n.a.
S 29	10 41	23 23	5 1	17 13	0 38	10 7	2 45	22 58	1 6	10 14	0 53	8 21	2 10	24 2	0 21	2 1	1 47	30 2	11 26	7 45	7 38	28 29			n.a.
M30	10 20	26 47	5 16	17 8	0 51	10 35	2 50	22 52	1 7	10 18	0 52	8 18	2 10	24 2	0 21	2 0	1 47	30 2	11 26	7 45	7 39	28 28			n.a.
T 31	9n58	28s33	5s12	17n 0	1n 3	11s 3	2s56	22n46	1n 7	10s22	0n52	8n15	2n10	24s 2	0s21	1n59	1n47	30n 1	11n26	7s45	7s40	28n28			n.a.

Julian Day Number = 1713234.5, Delta T = 02h59m40s
Ecliptic obliquity = 23°42'00, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°22'18, Lahiri = - 4°15'18 Julian Calendar 1 Aug. 23 BCE == Greg. Calendar 30 July 023 BCE

The year -22 astronomical counting style corresponds to year 023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 23 BCE
geocentric

SEPTEMBER 23 BCE (-22) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 29 52	5♍27'45	4♉56	17♌53	22♎ 8	23♋54	28♎59	14♍24	27°R36	29♍10	6♌ 2	10°R23	10♓33	2♋24	n.a.	W 1
T 2	22 33 49	6°26'50	19°26	19°10	23° 6	24°31	29°10	14°32	27♐35	29°12	6° 3	10♓22	10°30	2°31	n.a.	T 2
F 3	22 37 45	7°25'56	3♒58	20°32	24° 4	25° 8	29°20	14°39	27°35	29°14	6° 5	10°22	10°26	2°38	n.a.	F 3
S 4	22 41 42	8°25'03	18°27	21°59	25° 2	25°45	29°31	14°46	27°35	29°16	6° 7	10°22	10°23	2°45	n.a.	S 4
S 5	22 45 39	9°24'13	2♓46	23°29	25°59	26°21	29°41	14°53	27°35	29°18	6° 9	10°22	10°20	2°51	n.a.	S 5
M 6	22 49 35	10°23'25	16°51	25° 3	26°56	26°58	29°52	15° 1	27°34	29°20	6°10	10°22	10°17	2°58	n.a.	M 6
T 7	22 53 32	11°22'39	0♈38	26°40	27°53	27°35	0♏ 3	15° 8	27°34	29°23	6°12	10°22	10°14	3° 5	n.a.	T 7
W 8	22 57 28	12°21'56	14° 3	28°18	28°48	28°11	0°14	15°15	27°34	29°25	6°14	10°22	10°11	3°11	n.a.	W 8
T 9	23 1 25	13°21'14	27° 8	29°59	29°44	28°48	0°25	15°22	27°D34	29°27	6°15	10°21	10° 7	3°18	n.a.	T 9
F 10	23 5 21	14°20'35	9♉51	1♍41	0♏39	29°25	0°36	15°30	27°34	29°29	6°17	10°21	10° 4	3°25	n.a.	F 10
S 11	23 9 18	15°19'59	22°17	3°24	1°33	0♌ 1	0°47	15°37	27°34	29°31	6°19	10°20	10° 1	3°32	n.a.	S 11
S 12	23 13 14	16°19'25	4♊27	5° 8	2°27	0°38	0°59	15°44	27°34	29°33	6°20	10°20	9°58	3°38	n.a.	S 12
M13	23 17 11	17°18'53	16°27	6°53	3°20	1°14	1°10	15°52	27°34	29°36	6°22	10°D20	9°55	3°45	n.a.	M13
T 14	23 21 8	18°18'24	28°20	8°38	4°12	1°51	1°21	15°59	27°35	29°38	6°24	10°20	9°51	3°52	n.a.	T 14
W15	23 25 4	19°17'57	10♋13	10°22	5° 4	2°27	1°33	16° 6	27°35	29°40	6°25	10°21	9°48	3°58	n.a.	W15
T 16	23 29 1	20°17'32	22° 8	12° 7	5°55	3° 4	1°44	16°13	27°35	29°42	6°27	10°21	9°45	4° 5	n.a.	T 16
F 17	23 32 57	21°17'10	4♌10	13°52	6°46	3°40	1°56	16°21	27°35	29°45	6°28	10°22	9°42	4°12	n.a.	F 17
S 18	23 36 54	22°16'50	16°24	15°36	7°36	4°16	2° 8	16°28	27°36	29°47	6°30	10°24	9°39	4°19	n.a.	S 18
S 19	23 40 50	23°16'32	28°51	17°20	8°25	4°52	2°20	16°35	27°36	29°49	6°31	10°24	9°36	4°25	n.a.	S 19
M20	23 44 47	24°16'17	11♍35	19° 4	9°13	5°29	2°32	16°42	27°37	29°51	6°33	10°R25	9°32	4°32	n.a.	M20
T 21	23 48 43	25°16'03	24°35	20°47	10° 1	6° 5	2°43	16°50	27°37	29°53	6°34	10°24	9°29	4°39	n.a.	T 21
W22	23 52 40	26°15'52	7♎52	22°30	10°48	6°41	2°55	16°57	27°38	29°56	6°36	10°23	9°26	4°45	n.a.	W22
T 23	23 56 36	27°15'42	21°24	24°12	11°34	7°17	3° 8	17° 4	27°39	29°58	6°37	10°21	9°23	4°52	n.a.	T 23
F 24	0 0 33	28°15'35	5♏ 9	25°54	12°18	7°53	3°20	17°11	27°39	0♎ 0	6°38	10°18	9°20	4°59	n.a.	F 24
S 25	0 4 30	29°15'30	19° 6	27°35	13° 3	8°29	3°32	17°19	27°40	0° 2	6°40	10°16	9°17	5° 6	n.a.	S 25
S 26	0 8 26	0♎15'26	3♐ 9	29°16	13°46	9° 5	3°44	17°26	27°41	0° 5	6°41	10°14	9°13	5°12	n.a.	S 26
M27	0 12 23	1°15'24	17°18	0♎56	14°28	9°40	3°56	17°33	27°42	0° 7	6°42	10°12	9°10	5°19	n.a.	M27
T 28	0 16 19	2°15'24	1♉29	2°35	15° 9	10°16	4° 9	17°40	27°43	0° 9	6°44	10°D11	9° 7	5°26	n.a.	T 28
W29	0 20 16	3°15'26	15°40	4°14	15°48	10°52	4°21	17°47	27°44	0°11	6°45	10°12	9° 4	5°32	n.a.	W29
T 30	0 24 12	4♎15'29	29♉49	5♎53	16♏27	11♌28	4♏34	17♍54	27♐45	0♎14	6♌46	10♓13	9♓ 1	5♋39	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	9n37	28s25	4s48	16n48	1n13	11s31	3s 2	22n40	1n 8	10s25	0n52	8n12	2n10	24s 2	0s21	1n58	1n47	30n 1	11n27	7s45	7s42	28n27		n.a.
T 2	9 15	26 20	4 6	16 32	1 22	11 58	3 7	22 34	1 8	10 29	0 52	8 9	2 10	24 2	0 21	1 58	1 47	30 1	11 27	7 46	7 43	28 27		n.a.
F 3	8 52	22 31	3 8	16 13	1 30	12 25	3 13	22 28	1 9	10 33	0 52	8 7	2 10	24 2	0 21	1 57	1 47	30 1	11 27	7 46	7 44	28 26		n.a.
S 4	8 30	17 20	1 59	15 51	1 37	12 52	3 18	22 22	1 10	10 37	0 51	8 4	2 10	24 2	0 21	1 56	1 47	30 0	11 27	7 46	7 45	28 26		n.a.
S 5	8 8	11 15	0 42	15 27	1 42	13 18	3 24	22 15	1 10	10 41	0 51	8 1	2 10	24 2	0 21	1 55	1 47	30 0	11 27	7 46	7 46	28 25		n.a.
M 6	7 45	4 42	0n36	14 59	1 47	13 44	3 29	22 9	1 11	10 45	0 51	7 58	2 10	24 2	0 21	1 54	1 47	30 0	11 28	7 46	7 48	28 25		n.a.
T 7	7 22	1n56	1 50	14 29	1 50	14 10	3 35	22 2	1 11	10 49	0 51	7 55	2 10	24 2	0 21	1 53	1 47	30 0	11 28	7 46	7 49	28 24		n.a.
W 8	7 0	8 18	2 56	13 57	1 53	14 35	3 40	21 55	1 12	10 53	0 51	7 52	2 10	24 2	0 21	1 52	1 47	29 59	11 28	7 46	7 50	28 24		n.a.
T 9	6 37	14 9	3 51	13 23	1 54	15 0	3 46	21 48	1 12	10 57	0 51	7 50	2 11	24 2	0 21	1 51	1 47	29 59	11 29	7 46	7 51	28 23		n.a.
F 10	6 14	19 14	4 33	12 47	1 55	15 25	3 51	21 41	1 13	11 1	0 50	7 47	2 11	24 2	0 21	1 51	1 47	29 59	11 29	7 46	7 53	28 23		n.a.
S 11	5 50	23 23	5 1	12 9	1 55	15 49	3 56	21 34	1 13	11 5	0 50	7 44	2 11	24 2	0 21	1 50	1 47	29 59	11 29	7 46	7 54	28 22		n.a.
S 12	5 27	26 25	5 15	11 30	1 55	16 13	4 1	21 26	1 14	11 10	0 50	7 41	2 11	24 2	0 21	1 49	1 47	29 59	11 29	7 46	7 55	28 22		n.a.
M13	5 4	28 13	5 15	10 50	1 53	16 37	4 7	21 19	1 15	11 14	0 50	7 38	2 11	24 2	0 21	1 48	1 47	29 59	11 30	7 47	7 56	28 21		n.a.
T 14	4 40	28 43	5 1	10 9	1 52	17 0	4 12	21 11	1 15	11 18	0 50	7 35	2 11	24 2	0 21	1 47	1 47	29 58	11 30	7 46	7 57	28 21		n.a.
W15	4 17	27 52	4 35	9 26	1 49	17 23	4 17	21 3	1 16	11 22	0 49	7 33	2 11	24 2	0 21	1 46	1 47	29 58	11 30	7 46	7 59	28 20		n.a.
T 16	3 53	25 45	3 57	8 43	1 46	17 45	4 22	20 55	1 16	11 26	0 49	7 30	2 11	24 2	0 21	1 45	1 47	29 58	11 31	7 46	8 0	28 19		n.a.
F 17	3 29	22 27	3 7	8 0	1 43	18 7	4 27	20 47	1 17	11 30	0 49	7 27	2 11	24 2	0 21	1 44	1 47	29 58	11 31	7 46	8 1	28 19		n.a.
S 18	3 6	18 9	2 9	7 15	1 39	18 28	4 31	20 39	1 17	11 35	0 49	7 24	2 11	24 2	0 21	1 43	1 47	29 58	11 31	7 45	8 2	28 18		n.a.
S 19	2 42	12 59	1 3	6 30	1 35	18 49	4 36	20 31	1 18	11 39	0 49	7 21	2 11	24 2	0 21	1 42	1 47	29 58	11 32	7 45	8 3	28 18		n.a.
M20	2 18	7 12	0s 6	5 45	1 30	19 9	4 41	20 23	1 19	11 43	0 49	7 19	2 11	24 2	0 21	1 42	1 47	29 58	11 32	7 45	8 5	28 17		n.a.
T 21	1 54	0 59	1 18	5 0	1 26	19 29	4 45	20 14	1 19	11 47	0 49	7 16	2 11	24 2	0 21	1 41	1 47	29 58	11 32	7 45	8 6	28 16		n.a.
W22	1 30	5s23	2 26	4 14	1 21	19 48	4 50	20 5	1 20	11 52	0 48	7 13	2 11	24 2	0 21	1 40	1 47	29 58	11 32	7 45	8 7	28 16		n.a.
T 23	1 6	11 38	3 27	3 29	1 15	20 7	4 54	19 57	1 20	11 56	0 48	7 10	2 11	24 2	0 21	1 39	1 47	29 58	11 33	7 46	8 8	28 15		n.a.
F 24	0 42	17 25	4 18	2 43	1 10	20 25	4 58	19 48	1 21	12 0	0 48	7 7	2 11	24 2	0 21	1 38	1 47	29 57	11 33	7 47	8 9	28 15		n.a.
S 25	0 18	22 23	4 54	1 57	1 4	20 43	5 2	19 39	1 21	12 5	0 48	7 5	2 11	24 2	0 21	1 37	1 47	29 57	11 33	7 48	8 11	28 14		n.a.
S 26	0s 6	26 7	5 12	1 11	0 58	21 0	5 6	19 30	1 22	12 9	0 48	7 2	2 11	24 2	0 21	1 36	1 47	29 57	11 34	7 49	8 12	28 13		n.a.
M27	0 30	28 16	5 12	0 25	0 52	21 17	5 10	19 21	1 23	12 13	0 48	6 59	2 11	24 2	0 21	1 35	1 47	29 57	11 34	7 50	8 13	28 13		n.a.
T 28	0 54	28 35	4 53	0s20	0 46	21 33	5 14	19 12	1 23	12 18	0 48	6 56	2 12	24 2	0 21	1 34	1 47	29 57	11 35	7 50	8 14	28 12		n.a.
W29	1 19	27 1	4 17	1 6	0 40	21 48	5 17	19 2	1 24	12 22	0 47	6 54	2 12	24 2	0 21	1 33	1 47	29 57	11 35	7 50	8 15	28 11		n.a.
T 30	1s43	23s44	3s24	1s51	0n33	22s 3	5s21	18n53	1n24	12s26	0n47	6n51	2n12	24s 2	0s21	1n33	1n47	29n57	11n35	7s49	8s17	28n11		n.a.

Julian Day Number = 1713265.5, Delta T = 02h59m39s
Ecliptic obliquity = 23°42'00, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°22'14, Lahiri = - 4°15'14 Julian Calendar 1 Sept. 23 BCE == Greg. Calendar 30 Aug. 023 BCE

The year -22 astronomical counting style corresponds to year 023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 23 BCE
geocentric

OCTOBER 23 BCE (-22) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 28 9	5♎15'34	13♒55	7♎31	17♏ 5	12♌ 3	4♏46	18♍ 1	27♐46	0♎16	6♌48	10♓15	8♓57	5♋46	n.a.	F 1
S 2	0 32 5	6°15'40	27°54	9° 8	17°41	12°39	4°59	18° 8	27°47	0°18	6°49	10°16	8°54	5°52	n.a.	S 2
S 3	0 36 2	7°15'49	11♓46	10°45	18°16	13°14	5°11	18°16	27°48	0°20	6°50	10°R16	8°51	5°59	n.a.	S 3
M 4	0 39 59	8°15'59	25°26	12°21	18°49	13°50	5°24	18°23	27°49	0°23	6°51	10°16	8°48	6° 6	n.a.	M 4
T 5	0 43 55	9°16'10	8♈54	13°57	19°21	14°25	5°37	18°30	27°51	0°25	6°52	10°13	8°45	6°13	n.a.	T 5
W 6	0 47 52	10°16'24	22° 6	15°33	19°52	15° 1	5°50	18°36	27°52	0°27	6°53	10° 9	8°42	6°19	n.a.	W 6
T 7	0 51 48	11°16'40	5♉ 3	17° 8	20°21	15°36	6° 3	18°43	27°53	0°29	6°54	10° 4	8°38	6°26	n.a.	T 7
F 8	0 55 45	12°16'57	17°42	18°43	20°48	16°11	6°15	18°50	27°55	0°31	6°55	9°59	8°35	6°33	n.a.	F 8
S 9	0 59 41	13°17'17	0♊ 6	20°17	21°14	16°46	6°28	18°57	27°56	0°34	6°56	9°53	8°32	6°39	n.a.	S 9
S 10	1 3 38	14°17'39	12°17	21°51	21°38	17°21	6°41	19° 4	27°58	0°36	6°57	9°48	8°29	6°46	n.a.	S 10
M11	1 7 34	15°18'03	24°17	23°24	22° 0	17°57	6°54	19°11	27°59	0°38	6°58	9°44	8°26	6°53	n.a.	M11
T 12	1 11 31	16°18'28	6♋10	24°58	22°21	18°32	7° 7	19°18	28° 1	0°40	6°59	9°42	8°23	7° 0	n.a.	T 12
W13	1 15 28	17°18'56	18° 1	26°30	22°39	19° 7	7°20	19°24	28° 3	0°42	7° 0	9°D41	8°19	7° 6	n.a.	W13
T 14	1 19 24	18°19'26	29°55	28° 3	22°56	19°41	7°33	19°31	28° 4	0°45	7° 1	9°42	8°16	7°13	n.a.	T 14
F 15	1 23 21	19°19'58	11♌57	29°35	23°11	20°16	7°47	19°38	28° 6	0°47	7° 2	9°43	8°13	7°20	n.a.	F 15
S 16	1 27 17	20°20'31	24°11	1♏ 7	23°23	20°51	8° 0	19°44	28° 8	0°49	7° 3	9°45	8°10	7°26	n.a.	S 16
S 17	1 31 14	21°21'06	6♍43	2°39	23°34	21°26	8°13	19°51	28°10	0°51	7° 4	9°R46	8° 7	7°33	n.a.	S 17
M18	1 35 10	22°21'44	19°36	4°10	23°42	22° 0	8°26	19°58	28°12	0°53	7° 4	9°46	8° 3	7°40	n.a.	M18
T 19	1 39 7	23°22'23	2♎51	5°41	23°48	22°35	8°39	20° 4	28°14	0°55	7° 5	9°43	8° 0	7°46	n.a.	T 19
W20	1 43 3	24°23'03	16°29	7°12	23°51	23°10	8°53	20°11	28°16	0°57	7° 6	9°39	7°57	7°53	n.a.	W20
T 21	1 47 0	25°23'45	0♏28	8°42	23°R52	23°44	9° 6	20°17	28°18	1° 0	7° 6	9°32	7°54	8° 0	n.a.	T 21
F 22	1 50 57	26°24'29	14°42	10°12	23°51	24°18	9°19	20°23	28°20	1° 2	7° 7	9°25	7°51	8° 7	n.a.	F 22
S 23	1 54 53	27°25'14	29° 8	11°42	23°48	24°53	9°33	20°30	28°22	1° 4	7° 8	9°17	7°48	8°13	n.a.	S 23
S 24	1 58 50	28°26'01	13♐38	13°12	23°42	25°27	9°46	20°36	28°24	1° 6	7° 8	9° 9	7°44	8°20	n.a.	S 24
M25	2 2 46	29°26'49	28° 6	14°41	23°33	26° 1	10° 0	20°42	28°26	1° 8	7° 9	9° 3	7°41	8°27	n.a.	M25
T 26	2 6 43	0♑27'38	12♑28	16° 9	23°22	26°35	10°13	20°48	28°28	1°10	7° 9	9° 0	7°38	8°33	n.a.	T 26
W27	2 10 39	1°28'28	26°40	17°37	23° 9	27° 9	10°27	20°55	28°31	1°12	7°10	8°D58	7°35	8°40	n.a.	W27
T 28	2 14 36	2°29'19	10♒40	19° 5	22°53	27°43	10°40	21° 1	28°33	1°14	7°10	8°58	7°32	8°47	n.a.	T 28
F 29	2 18 32	3°30'10	24°29	20°32	22°35	28°17	10°54	21° 7	28°35	1°16	7°11	8°59	7°28	8°54	n.a.	F 29
S 30	2 22 29	4°31'03	8♓ 5	21°58	22°14	28°51	11° 7	21°13	28°38	1°18	7°11	9°R 0	7°25	9° 0	n.a.	S 30
S 31	2 26 26	5♏31'57	21♓31	23♏24	21♏51	29♌24	11♏21	21♍19	28♐40	1♎20	7♌12	8♓59	7♓22	9♋ 7	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2s 7	19s 4	2s20	2s36	0n27	22s17	5s24	18n43	1n25	12s31	0n47	6n48	2n12	24s 2	0s21	1n32	1n47	29n57	11n36	7s49	8s18	28n10		n.a.
S 2	2 31	13 23	1 7	3 21	0 20	22 30	5 27	18 34	1 25	12 35	0 47	6 45	2 12	24 2	0 21	1 31	1 47	29 57	11 36	7 48	8 19	28 9		n.a.
S 3	2 55	7 6	0n 8	4 5	0 14	22 43	5 29	18 24	1 26	12 40	0 47	6 43	2 12	24 2	0 21	1 30	1 47	29 57	11 36	7 48	8 20	28 8		n.a.
M 4	3 19	0 35	1 22	4 49	0 7	22 55	5 32	18 14	1 27	12 44	0 47	6 40	2 12	24 2	0 21	1 29	1 47	29 57	11 37	7 48	8 21	28 8		n.a.
T 5	3 43	5n52	2 30	5 33	0 1	23 6	5 34	18 4	1 27	12 48	0 47	6 37	2 12	24 2	0 21	1 28	1 47	29 58	11 37	7 49	8 23	28 7		n.a.
W 6	4 7	11 55	3 29	6 17	0s 6	23 17	5 36	17 54	1 28	12 53	0 46	6 35	2 12	24 2	0 21	1 27	1 47	29 58	11 37	7 51	8 24	28 6		n.a.
T 7	4 31	17 21	4 15	7 0	0 13	23 26	5 38	17 44	1 28	12 57	0 46	6 32	2 12	24 2	0 21	1 26	1 47	29 58	11 38	7 52	8 25	28 5		n.a.
F 8	4 54	21 54	4 48	7 42	0 19	23 35	5 39	17 34	1 29	13 2	0 46	6 29	2 12	24 2	0 21	1 25	1 47	29 58	11 38	7 55	8 26	28 5		n.a.
S 9	5 18	25 23	5 7	8 24	0 26	23 44	5 40	17 24	1 30	13 6	0 46	6 27	2 13	24 2	0 21	1 25	1 47	29 58	11 39	7 57	8 28	28 4		n.a.
S 10	5 42	27 39	5 11	9 6	0 32	23 51	5 41	17 14	1 30	13 10	0 46	6 24	2 13	24 2	0 21	1 24	1 47	29 58	11 39	7 59	8 29	28 3		n.a.
M11	6 5	28 36	5 1	9 47	0 39	23 58	5 42	17 3	1 31	13 15	0 46	6 22	2 13	24 2	0 21	1 23	1 47	29 58	11 39	8 0	8 30	28 2		n.a.
T 12	6 29	28 12	4 39	10 28	0 45	24 3	5 42	16 53	1 31	13 19	0 46	6 19	2 13	24 2	0 21	1 22	1 47	29 58	11 40	8 1	8 31	28 2		n.a.
W13	6 52	26 31	4 5	11 8	0 52	24 8	5 42	16 43	1 32	13 24	0 46	6 16	2 13	24 2	0 21	1 21	1 47	29 58	11 40	8 1	8 32	28 1		n.a.
T 14	7 16	23 38	3 20	11 48	0 58	24 12	5 41	16 32	1 32	13 28	0 45	6 14	2 13	24 2	0 21	1 20	1 47	29 58	11 41	8 1	8 34	28 0		n.a.
F 15	7 39	19 43	2 25	12 27	1 4	24 15	5 40	16 21	1 33	13 32	0 45	6 11	2 13	24 2	0 21	1 19	1 47	29 59	11 41	8 0	8 35	27 59		n.a.
S 16	8 2	14 55	1 24	13 5	1 10	24 17	5 39	16 11	1 34	13 37	0 45	6 9	2 13	24 2	0 21	1 19	1 47	29 59	11 41	8 0	8 36	27 58		n.a.
S 17	8 25	9 24	0 17	13 43	1 16	24 18	5 37	16 0	1 34	13 41	0 45	6 6	2 14	24 2	0 21	1 18	1 47	29 59	11 42	7 59	8 37	27 57		n.a.
M18	8 48	3 21	0s53	14 20	1 22	24 18	5 35	15 49	1 35	13 46	0 45	6 4	2 14	24 2	0 21	1 17	1 47	29 59	11 42	8 0	8 38	27 57		n.a.
T 19	9 11	3s 0	2 2	14 56	1 27	24 17	5 33	15 38	1 35	13 50	0 45	6 1	2 14	24 2	0 21	1 16	1 47	29 59	11 43	8 1	8 40	27 56		n.a.
W20	9 33	9 23	3 5	15 32	1 33	24 15	5 29	15 27	1 36	13 54	0 45	5 59	2 14	24 2	0 21	1 15	1 47	30 0	11 43	8 2	8 41	27 55		n.a.
T 21	9 56	15 29	3 59	16 6	1 38	24 12	5 26	15 16	1 37	13 59	0 45	5 57	2 14	24 2	0 21	1 15	1 47	30 0	11 43	8 5	8 42	27 54		n.a.
F 22	10 18	20 52	4 39	16 40	1 43	24 7	5 21	15 5	1 37	14 3	0 45	5 54	2 14	24 2	0 21	1 14	1 48	30 0	11 44	8 8	8 43	27 53		n.a.
S 23	10 40	25 5	5 2	17 14	1 48	24 2	5 17	14 54	1 38	14 8	0 44	5 52	2 15	24 2	0 21	1 13	1 48	30 0	11 44	8 11	8 44	27 52		n.a.
S 24	11 2	27 45	5 6	17 46	1 53	23 55	5 11	14 43	1 39	14 12	0 44	5 49	2 15	24 2	0 21	1 12	1 48	30 0	11 45	8 13	8 45	27 51		n.a.
M25	11 24	28 31	4 50	18 17	1 58	23 47	5 5	14 32	1 39	14 16	0 44	5 47	2 15	24 2	0 21	1 11	1 48	30 1	11 45	8 16	8 47	27 51		n.a.
T 26	11 45	27 22	4 16	18 48	2 2	23 38	4 59	14 21	1 40	14 21	0 44	5 45	2 15	24 2	0 21	1 11	1 48	30 1	11 46	8 17	8 48	27 50		n.a.
W27	12 7	24 26	3 27	19 17	2 6	23 27	4 51	14 10	1 40	14 25	0 44	5 42	2 15	24 2	0 21	1 10	1 48	30 1	11 46	8 18	8 49	27 49		n.a.
T 28	12 28	20 5	2 26	19 45	2 9	23 15	4 44	13 58	1 41	14 29	0 44	5 40	2 15	24 2	0 21	1 9	1 48	30 1	11 46	8 18	8 50	27 48		n.a.
F 29	12 49	14 43	1 17	20 12	2 13	23 2	4 35	13 47	1 42	14 34	0 44	5 38	2 16	24 2	0 21	1 8	1 48	30 2	11 47	8 17	8 51	27 47		n.a.
S 30	13 10	8 42	0 5	20 39	2 16	22 48	4 26	13 36	1 42	14 38	0 44	5 36	2 16	24 2	0 21	1 7	1 48	30 2	11 47	8 17	8 53	27 46		n.a.
S 31	13s31	2s23	1n 7	21s 3	2s18	22s33	4s16	13n24	1n43	14s42	0n44	5n34	2n16	24s 2	0s21	1n 7	1n48	30n 2	11n48	8s17	8s54	27n45		n.a.

Julian Day Number = 1713295.5, Delta T = 02h59m38s
Ecliptic obliquity = 23°42'01, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°22'10, Lahiri = - 4°15'10 Julian Calendar 1 Oct. 23 BCE == Greg. Calendar 29 Sept. 023 BCE

The year -22 astronomical counting style corresponds to year 023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 23 BCE
geocentric

NOVEMBER 23 BCE (-22) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 30 22	6♏32'52	4♈46	24♏49	21°R26	29♌58	11♏34	21♍24	28♐43	1♎22	7♌12	8°R56	7♓19	9♋14	n.a.	M 1
T 2	2 34 19	7°33'47	17°50	26°13	20♏59	0♍31	11°48	21°30	28°45	1°24	7°12	8♓50	7°16	9°20	n.a.	T 2
W 3	2 38 15	8°34'44	0♉43	27°35	20°30	1° 5	12° 1	21°36	28°48	1°25	7°12	8°42	7°13	9°27	n.a.	W 3
T 4	2 42 12	9°35'42	13°24	28°57	20° 0	1°38	12°15	21°42	28°50	1°27	7°13	8°31	7° 9	9°34	n.a.	T 4
F 5	2 46 8	10°36'41	25°53	0♐16	19°28	2°12	12°28	21°47	28°53	1°29	7°13	8°19	7° 6	9°40	n.a.	F 5
S 6	2 50 5	11°37'42	8♊11	1°35	18°54	2°45	12°42	21°53	28°55	1°31	7°13	8° 7	7° 3	9°47	n.a.	S 6
S 7	2 54 1	12°38'43	20°17	2°51	18°20	3°18	12°55	21°58	28°58	1°33	7°13	7°56	7° 0	9°54	n.a.	S 7
M 8	2 57 58	13°39'46	2♋15	4° 4	17°44	3°51	13° 9	22° 4	29° 1	1°35	7°13	7°46	6°57	10° 1	n.a.	M 8
T 9	3 1 55	14°40'49	14° 6	5°16	17° 8	4°24	13°22	22° 9	29° 4	1°36	7°13	7°39	6°54	10° 7	n.a.	T 9
W10	3 5 51	15°41'54	25°55	6°24	16°32	4°57	13°36	22°14	29° 6	1°38	7°14	7°35	6°50	10°14	n.a.	W10
T 11	3 9 48	16°43'00	7♌47	7°28	15°56	5°29	13°50	22°20	29° 9	1°40	7°R14	7°32	6°47	10°21	n.a.	T 11
F 12	3 13 44	17°44'07	19°45	8°28	15°19	6° 2	14° 3	22°25	29°12	1°42	7°14	7°D32	6°44	10°27	n.a.	F 12
S 13	3 17 41	18°45'15	1♍57	9°24	14°43	6°34	14°17	22°30	29°15	1°43	7°14	7°R32	6°41	10°34	n.a.	S 13
S 14	3 21 37	19°46'24	14°27	10°14	14° 8	7° 7	14°30	22°35	29°18	1°45	7°13	7°32	6°38	10°41	n.a.	S 14
M15	3 25 34	20°47'34	27°19	10°58	13°34	7°39	14°44	22°40	29°21	1°46	7°13	7°31	6°34	10°47	n.a.	M15
T 16	3 29 30	21°48'45	10♎39	11°35	13° 0	8°11	14°57	22°45	29°24	1°48	7°13	7°27	6°31	10°54	n.a.	T 16
W17	3 33 27	22°49'56	24°26	12° 4	12°28	8°43	15°11	22°50	29°27	1°50	7°13	7°20	6°28	11° 1	n.a.	W17
T 18	3 37 24	23°51'09	8♏40	12°25	11°58	9°15	15°24	22°54	29°30	1°51	7°13	7°10	6°25	11° 8	n.a.	T 18
F 19	3 41 20	24°52'22	23°17	12°35	11°29	9°47	15°38	22°59	29°33	1°53	7°13	6°59	6°22	11°14	n.a.	F 19
S 20	3 45 17	25°53'36	8♐ 9	12°R36	11° 3	10°19	15°51	23° 4	29°36	1°54	7°12	6°47	6°19	11°21	n.a.	S 20
S 21	3 49 13	26°54'50	23° 7	12°25	10°38	10°51	16° 5	23° 8	29°39	1°56	7°12	6°36	6°15	11°28	n.a.	S 21
M22	3 53 10	27°56'05	8♑ 1	12° 3	10°15	11°22	16°18	23°12	29°42	1°57	7°12	6°26	6°12	11°34	n.a.	M22
T 23	3 57 6	28°57'20	22°45	11°29	9°55	11°54	16°32	23°17	29°45	1°59	7°11	6°20	6° 9	11°41	n.a.	T 23
W24	4 1 3	29°58'34	7♒11	10°43	9°36	12°25	16°45	23°21	29°48	2° 0	7°11	6°16	6° 6	11°48	n.a.	W24
T 25	4 5 0	0♐59'49	21°17	9°47	9°21	12°56	16°59	23°25	29°52	2° 1	7°11	6°15	6° 3	11°54	n.a.	T 25
F 26	4 8 56	2° 1'04	5♓ 3	8°41	9° 7	13°27	17°12	23°29	29°55	2° 3	7°10	6°14	6° 0	12° 1	n.a.	F 26
S 27	4 12 53	3° 2'18	18°30	7°28	8°56	13°58	17°25	23°33	29°58	2° 4	7°10	6°14	5°56	12° 8	n.a.	S 27
S 28	4 16 49	4° 3'33	1♈41	6° 9	8°48	14°29	17°39	23°37	0♑ 1	2° 5	7° 9	6°12	5°53	12°15	n.a.	S 28
M29	4 20 46	5° 4'47	14°37	4°47	8°42	14°59	17°52	23°41	0° 5	2° 7	7° 9	6° 8	5°50	12°21	n.a.	M29
T 30	4 24 42	6♐ 6'02	27♈21	3♐25	8♏38	15♍30	18♏ 5	23♍45	0♑ 8	2♎ 8	7♌ 8	6♓ 1	5♓47	12♋28	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13s51	3n57	2n13	21s27	2s21	22s16	4s 6	13n13	1n43	14s47	0n44	5n31	2n16	24s 2	0s21	1n 6	1n48	30n 3	11n48	8s18	8s55	27n44		n.a.
T 2	14 11	10 1	3 12	21 49	2 22	21 58	3 55	13 2	1 44	14 51	0 44	5 29	2 16	24 2	0 21	1 5	1 48	30 3	11 49	8 21	8 56	27 43		n.a.
W 3	14 31	15 35	4 0	22 10	2 24	21 39	3 43	12 50	1 45	14 55	0 43	5 27	2 16	24 2	0 20	1 5	1 48	30 3	11 49	8 24	8 57	27 42		n.a.
T 4	14 51	20 23	4 34	22 29	2 24	21 18	3 31	12 39	1 45	14 59	0 43	5 25	2 17	24 2	0 20	1 4	1 48	30 4	11 49	8 28	8 59	27 41		n.a.
F 5	15 10	24 13	4 56	22 47	2 25	20 57	3 18	12 27	1 46	15 4	0 43	5 23	2 17	24 2	0 20	1 3	1 48	30 4	11 50	8 32	9 0	27 40		n.a.
S 6	15 29	26 53	5 3	23 3	2 24	20 35	3 4	12 16	1 47	15 8	0 43	5 21	2 17	24 2	0 20	1 2	1 48	30 4	11 50	8 37	9 1	27 39		n.a.
S 7	15 48	28 15	4 56	23 18	2 23	20 12	2 51	12 4	1 47	15 12	0 43	5 19	2 17	24 2	0 20	1 2	1 48	30 5	11 51	8 41	9 2	27 38		n.a.
M 8	16 7	28 17	4 36	23 31	2 22	19 48	2 36	11 53	1 48	15 16	0 43	5 17	2 17	24 2	0 20	1 1	1 48	30 5	11 51	8 45	9 3	27 37		n.a.
T 9	16 25	26 59	4 4	23 41	2 19	19 24	2 22	11 41	1 49	15 21	0 43	5 15	2 18	24 2	0 20	1 0	1 48	30 6	11 52	8 47	9 5	27 36		n.a.
W10	16 43	24 30	3 22	23 50	2 16	18 59	2 7	11 30	1 49	15 25	0 43	5 13	2 18	24 2	0 20	1 0	1 48	30 6	11 52	8 49	9 6	27 35		n.a.
T 11	17 1	20 57	2 31	23 57	2 12	18 34	1 51	11 18	1 50	15 29	0 43	5 11	2 18	24 2	0 20	0 59	1 48	30 6	11 52	8 50	9 7	27 34		n.a.
F 12	17 18	16 31	1 33	24 2	2 6	18 8	1 36	11 6	1 51	15 33	0 43	5 9	2 18	24 2	0 20	0 58	1 48	30 7	11 53	8 50	9 8	27 33		n.a.
S 13	17 35	11 21	0 30	24 5	2 0	17 43	1 20	10 55	1 51	15 37	0 43	5 7	2 18	24 2	0 20	0 58	1 48	30 7	11 53	8 50	9 9	27 32		n.a.
S 14	17 52	5 38	0s37	24 5	1 53	17 17	1 5	10 43	1 52	15 41	0 43	5 6	2 19	24 2	0 20	0 57	1 48	30 8	11 54	8 50	9 11	27 31		n.a.
M15	18 9	0s30	1 43	24 3	1 44	16 52	0 49	10 32	1 52	15 45	0 43	5 4	2 19	24 2	0 20	0 57	1 48	30 8	11 54	8 51	9 12	27 30		n.a.
T 16	18 25	6 48	2 46	23 59	1 35	16 27	0 34	10 20	1 53	15 49	0 42	5 2	2 19	24 2	0 20	0 56	1 49	30 8	11 55	8 52	9 13	27 29		n.a.
W17	18 41	12 59	3 41	23 52	1 24	16 2	0 18	10 8	1 54	15 53	0 42	5 0	2 19	24 2	0 20	0 55	1 49	30 9	11 55	8 55	9 14	27 28		n.a.
T 18	18 56	18 43	4 25	23 42	1 11	15 38	0 3	9 57	1 54	15 57	0 42	4 59	2 20	24 2	0 20	0 55	1 49	30 9	11 55	8 58	9 15	27 27		n.a.
F 19	19 12	23 30	4 52	23 30	0 57	15 15	0n12	9 45	1 55	16 2	0 42	4 57	2 20	24 2	0 20	0 54	1 49	30 10	11 56	9 3	9 16	27 26		n.a.
S 20	19 26	26 50	5 0	23 15	0 42	14 53	0 27	9 34	1 56	16 6	0 42	4 55	2 20	24 2	0 20	0 54	1 49	30 10	11 56	9 7	9 18	27 25		n.a.
S 21	19 41	28 19	4 48	22 57	0 25	14 31	0 41	9 22	1 56	16 9	0 42	4 54	2 20	24 2	0 20	0 53	1 49	30 11	11 57	9 11	9 19	27 23		n.a.
M22	19 55	27 43	4 16	22 36	0 8	14 11	0 55	9 11	1 57	16 13	0 42	4 52	2 21	24 2	0 20	0 53	1 49	30 11	11 57	9 15	9 20	27 22		n.a.
T 23	20 9	25 11	3 28	22 13	0n11	13 51	1 9	8 59	1 58	16 17	0 42	4 51	2 21	24 2	0 20	0 52	1 49	30 12	11 57	9 17	9 21	27 21		n.a.
W24	20 22	21 3	2 27	21 47	0 31	13 33	1 22	8 48	1 59	16 21	0 42	4 49	2 21	24 2	0 20	0 52	1 49	30 12	11 58	9 19	9 22	27 20		n.a.
T 25	20 35	15 48	1 18	21 19	0 51	13 16	1 35	8 36	1 59	16 25	0 42	4 48	2 21	24 2	0 20	0 51	1 49	30 13	11 58	9 19	9 24	27 19		n.a.
F 26	20 47	9 52	0 6	20 49	1 11	13 0	1 47	8 25	2 0	16 29	0 42	4 46	2 21	24 2	0 20	0 51	1 49	30 13	11 59	9 19	9 25	27 18		n.a.
S 27	21 0	3 37	1n 4	20 18	1 31	12 45	1 59	8 14	2 1	16 33	0 42	4 45	2 22	24 2	0 20	0 50	1 49	30 14	11 59	9 19	9 26	27 17		n.a.
S 28	21 11	2n39	2 10	19 46	1 50	12 32	2 10	8 2	2 1	16 37	0 42	4 44	2 22	24 2	0 20	0 50	1 49	30 14	11 59	9 20	9 27	27 16		n.a.
M29	21 23	8 42	3 8	19 14	2 8	12 20	2 21	7 51	2 2	16 41	0 42	4 42	2 22	24 2	0 20	0 49	1 49	30 15	12 0	9 21	9 28	27 14		n.a.
T 30	21s34	14n17	3n55	18s43	2n23	12s 9	2n32	7n40	2n 3	16s44	0n42	4n41	2n22	24s 2	0s20	0n49	1n49	30n15	12n 0	9s24	9s29	27n13		n.a.

Julian Day Number = 1713326.5, Delta T = 02h59m37s
Ecliptic obliquity = 23°42'00, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°22'06, Lahiri = - 4°15'05 Julian Calendar 1 Nov. 23 BCE == Greg. Calendar 30 Oct. 023 BCE

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ASTRODIENST EPHEMERIS for the year 23 BCE
geocentric

DECEMBER 23 BCE (-22) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 28 39	7♐ 7'16	9♉55	2°R 6	8°D38	16♍ 0	18♏19	23♍48	0♑11	2♎ 9	7°R 8	5°R51	5♓44	12♋35	n.a.	W 1
T 2	4 32 35	8° 8'30	22°19	0♐52	8♏39	16°30	18°32	23°52	0°15	2°10	7♌ 7	5♓38	5°40	12°41	n.a.	T 2
F 3	4 36 32	9° 9'44	4♊34	29♏45	8°43	17° 0	18°45	23°55	0°18	2°11	7° 6	5°23	5°37	12°48	n.a.	F 3
S 4	4 40 29	10°10'59	16°42	28°46	8°49	17°30	18°58	23°59	0°21	2°12	7° 6	5° 8	5°34	12°55	n.a.	S 4
S 5	4 44 25	11°12'13	28°42	27°57	8°58	18° 0	19°11	24° 2	0°25	2°14	7° 5	4°54	5°31	13° 1	n.a.	S 5
M 6	4 48 22	12°13'27	10♋36	27°18	9° 9	18°29	19°24	24° 5	0°28	2°15	7° 4	4°42	5°28	13° 8	n.a.	M 6
T 7	4 52 18	13°14'41	22°26	26°50	9°22	18°59	19°37	24° 8	0°31	2°16	7° 4	4°32	5°25	13°15	n.a.	T 7
W 8	4 56 15	14°15'55	4♌14	26°32	9°37	19°28	19°50	24°11	0°35	2°17	7° 3	4°26	5°21	13°22	n.a.	W 8
T 9	5 0 11	15°17'09	16° 4	26°D23	9°54	19°57	20° 3	24°14	0°38	2°18	7° 2	4°22	5°18	13°28	n.a.	T 9
F 10	5 4 8	16°18'23	28° 1	26°23	10°14	20°26	20°16	24°17	0°42	2°19	7° 1	4°21	5°15	13°35	n.a.	F 10
S 11	5 8 5	17°19'37	10♍ 9	26°32	10°35	20°55	20°29	24°20	0°45	2°19	7° 0	4°D21	5°12	13°42	n.a.	S 11
S 12	5 12 1	18°20'51	22°34	26°49	10°58	21°23	20°42	24°22	0°49	2°20	6°59	4°R21	5° 9	13°48	n.a.	S 12
M13	5 15 58	19°22'04	5♎21	27°13	11°23	21°52	20°55	24°25	0°52	2°21	6°59	4°20	5° 6	13°55	n.a.	M13
T 14	5 19 54	20°23'18	18°35	27°44	11°50	22°20	21° 7	24°27	0°56	2°22	6°58	4°17	5° 2	14° 2	n.a.	T 14
W15	5 23 51	21°24'31	2♏18	28°20	12°18	22°48	21°20	24°30	0°59	2°23	6°57	4°11	4°59	14° 8	n.a.	W15
T 16	5 27 47	22°25'44	16°32	29° 2	12°48	23°16	21°33	24°32	1° 3	2°23	6°56	4° 3	4°56	14°15	n.a.	T 16
F 17	5 31 44	23°26'57	1♐13	29°48	13°20	23°43	21°45	24°34	1° 6	2°24	6°55	3°53	4°53	14°22	n.a.	F 17
S 18	5 35 40	24°28'09	16°16	0♐39	13°53	24°11	21°58	24°36	1°10	2°25	6°54	3°42	4°50	14°28	n.a.	S 18
S 19	5 39 37	25°29'21	1♑30	1°33	14°28	24°38	22°10	24°38	1°13	2°25	6°53	3°31	4°46	14°35	n.a.	S 19
M20	5 43 34	26°30'33	16°45	2°31	15° 4	25° 5	22°23	24°40	1°17	2°26	6°52	3°22	4°43	14°42	n.a.	M20
T 21	5 47 30	27°31'43	1♒50	3°32	15°41	25°32	22°35	24°41	1°20	2°27	6°51	3°16	4°40	14°49	n.a.	T 21
W22	5 51 27	28°32'52	16°36	4°35	16°19	25°58	22°47	24°43	1°24	2°27	6°49	3°13	4°37	14°55	n.a.	W22
T 23	5 55 23	29°34'00	0♓59	5°42	16°59	26°24	23° 0	24°44	1°28	2°28	6°48	3°D12	4°34	15° 2	n.a.	T 23
F 24	5 59 20	0♑35'07	14°55	6°50	17°40	26°50	23°12	24°46	1°31	2°28	6°47	3°12	4°31	15° 9	n.a.	F 24
S 25	6 3 16	1°36'13	28°27	8° 1	18°22	27°16	23°24	24°47	1°35	2°28	6°46	3°R12	4°27	15°15	n.a.	S 25
S 26	6 7 13	2°37'18	11♈36	9°13	19° 5	27°42	23°36	24°48	1°38	2°29	6°45	3°12	4°24	15°22	n.a.	S 26
M27	6 11 9	3°38'22	24°25	10°27	19°50	28° 7	23°48	24°49	1°42	2°29	6°44	3°10	4°21	15°29	n.a.	M27
T 28	6 15 6	4°39'24	6♉59	11°43	20°35	28°32	24° 0	24°50	1°45	2°29	6°42	3° 5	4°18	15°35	n.a.	T 28
W29	6 19 3	5°40'25	19°20	13° 0	21°21	28°57	24°12	24°51	1°49	2°30	6°41	2°58	4°15	15°42	n.a.	W29
T 30	6 22 59	6°41'25	1♊32	14°19	22° 8	29°22	24°23	24°52	1°52	2°30	6°40	2°48	4°12	15°49	n.a.	T 30
F 31	6 26 56	7♑42'24	13♊35	15♐38	22♏56	29♍46	24♏35	24♍53	1♑56	2♎30	6♌39	2♓38	4♓ 8	15♋55	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	21s44	19n12	4n30	18s15	2n37	11s59	2n41	7n28	2n 3	16s48	0n42	4n40	2n23	24s 2	0s20	0n48	1n49	30n16	12n 1	9s28	9s31	27n12			n.a.
T 2	21 54	23 14	4 51	17 49	2 48	11 51	2 51	7 17	2 4	16 52	0 42	4 39	2 23	24 2	0 20	0 48	1 49	30 16	12 1	9 33	9 32	27 11			n.a.
F 3	22 4	26 11	4 59	17 26	2 57	11 44	2 59	7 6	2 5	16 55	0 42	4 38	2 23	24 2	0 20	0 47	1 49	30 17	12 1	9 38	9 33	27 10			n.a.
S 4	22 13	27 53	4 53	17 7	3 4	11 38	3 8	6 55	2 6	16 59	0 41	4 37	2 24	24 2	0 20	0 47	1 50	30 18	12 2	9 44	9 34	27 8			n.a.
S 5	22 22	28 16	4 34	16 52	3 8	11 33	3 15	6 44	2 6	17 3	0 41	4 35	2 24	24 2	0 20	0 47	1 50	30 18	12 2	9 49	9 35	27 7			n.a.
M 6	22 30	27 19	4 3	16 41	3 10	11 30	3 23	6 33	2 7	17 6	0 41	4 34	2 24	24 2	0 20	0 46	1 50	30 19	12 3	9 53	9 37	27 6			n.a.
T 7	22 38	25 8	3 22	16 35	3 10	11 28	3 29	6 22	2 8	17 10	0 41	4 33	2 24	24 2	0 20	0 46	1 50	30 19	12 3	9 57	9 38	27 5			n.a.
W 8	22 46	21 52	2 32	16 32	3 9	11 27	3 36	6 11	2 8	17 14	0 41	4 32	2 25	24 2	0 20	0 46	1 50	30 20	12 3	9 59	9 39	27 3			n.a.
T 9	22 53	17 42	1 35	16 33	3 6	11 26	3 42	6 0	2 9	17 17	0 41	4 32	2 25	24 2	0 20	0 45	1 50	30 20	12 4	10 1	9 40	27 2			n.a.
F 10	22 59	12 49	0 34	16 37	3 2	11 27	3 47	5 49	2 10	17 21	0 41	4 31	2 25	24 2	0 20	0 45	1 50	30 21	12 4	10 1	9 41	27 1			n.a.
S 11	23 5	7 22	0s31	16 44	2 57	11 29	3 52	5 38	2 11	17 24	0 41	4 30	2 25	24 2	0 20	0 45	1 50	30 22	12 4	10 1	9 42	27 0			n.a.
S 12	23 11	1 32	1 35	16 54	2 50	11 32	3 57	5 28	2 11	17 28	0 41	4 29	2 26	24 2	0 20	0 44	1 50	30 22	12 5	10 1	9 44	26 58			n.a.
M13	23 16	4s32	2 37	17 6	2 44	11 36	4 1	5 17	2 12	17 31	0 41	4 28	2 26	24 2	0 20	0 44	1 50	30 23	12 5	10 2	9 45	26 57			n.a.
T 14	23 21	10 37	3 32	17 20	2 36	11 40	4 5	5 6	2 13	17 34	0 41	4 28	2 26	24 2	0 20	0 44	1 50	30 23	12 5	10 3	9 46	26 56			n.a.
W15	23 25	16 25	4 17	17 36	2 29	11 45	4 8	4 56	2 14	17 38	0 41	4 27	2 27	24 2	0 20	0 44	1 50	30 24	12 6	10 5	9 47	26 55			n.a.
T 16	23 29	21 33	4 48	17 53	2 20	11 52	4 11	4 45	2 14	17 41	0 41	4 26	2 27	24 2	0 20	0 43	1 50	30 24	12 6	10 8	9 48	26 53			n.a.
F 17	23 32	25 33	5 2	18 11	2 12	11 58	4 14	4 35	2 15	17 45	0 41	4 26	2 27	24 2	0 20	0 43	1 50	30 25	12 6	10 12	9 49	26 52			n.a.
S 18	23 35	27 52	4 55	18 30	2 3	12 6	4 17	4 25	2 16	17 48	0 41	4 25	2 27	24 2	0 20	0 43	1 50	30 26	12 7	10 16	9 51	26 51			n.a.
S 19	23 37	28 9	4 27	18 50	1 54	12 14	4 19	4 14	2 17	17 51	0 41	4 25	2 28	24 2	0 20	0 43	1 51	30 26	12 7	10 19	9 52	26 49			n.a.
M20	23 39	26 17	3 40	19 10	1 45	12 23	4 21	4 4	2 17	17 54	0 41	4 24	2 28	24 2	0 20	0 43	1 51	30 27	12 7	10 23	9 53	26 48			n.a.
T 21	23 41	22 32	2 39	19 31	1 36	12 32	4 22	3 54	2 18	17 58	0 41	4 24	2 28	24 2	0 21	0 42	1 51	30 27	12 8	10 25	9 54	26 47			n.a.
W22	23 41	17 25	1 27	19 52	1 27	12 42	4 23	3 44	2 19	18 1	0 41	4 23	2 29	24 2	0 21	0 42	1 51	30 28	12 8	10 26	9 55	26 45			n.a.
T 23	23 42	11 26	0 12	20 12	1 18	12 52	4 24	3 35	2 20	18 4	0 41	4 23	2 29	24 2	0 21	0 42	1 51	30 29	12 8	10 27	9 56	26 44			n.a.
F 24	23 42	5 3	1n 2	20 33	1 9	13 3	4 25	3 25	2 20	18 7	0 41	4 23	2 29	24 2	0 21	0 42	1 51	30 29	12 9	10 27	9 58	26 43			n.a.
S 25	23 41	1n22	2 11	20 54	1 0	13 14	4 26	3 15	2 21	18 10	0 41	4 22	2 29	24 2	0 21	0 42	1 51	30 30	12 9	10 26	9 59	26 41			n.a.
S 26	23 40	7 33	3 10	21 14	0 51	13 25	4 26	3 6	2 22	18 13	0 41	4 22	2 30	24 2	0 21	0 42	1 51	30 30	12 9	10 26	10 0	26 40			n.a.
M27	23 39	13 15	3 58	21 33	0 42	13 37	4 26	2 56	2 23	18 16	0 41	4 22	2 30	24 2	0 21	0 42	1 51	30 31	12 10	10 27	10 1	26 39			n.a.
T 28	23 37	18 18	4 34	21 53	0 34	13 49	4 25	2 47	2 24	18 19	0 41	4 22	2 30	24 2	0 21	0 42	1 51	30 32	12 10	10 29	10 2	26 37			n.a.
W29	23 35	22 29	4 56	22 11	0 25	14 2	4 25	2 37	2 24	18 22	0 41	4 22	2 31	24 2	0 21	0 42	1 51	30 32	12 10	10 32	10 4	26 36			n.a.
T 30	23 32	25 39	5 4	22 29	0 17	14 15	4 24	2 28	2 25	18 25	0 41	4 22	2 31	24 2	0 21	0 42	1 51	30 33	12 10	10 35	10 5	26 34			n.a.
F 31	23s28	27n37	4n59	22s46	0n 9	14s28	4n23	2n19	2n26	18s28	0n41	4n22	2n31	24s 2	0s21	0n42	1n51	30n33	12n11	10s39	10s 6	26n33			n.a.

Julian Day Number = 1713356.5, Delta T = 02h59m36s
Ecliptic obliquity = 23°41'59, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°22'02, Lahiri = - 4°15'01 Julian Calendar 1 Dec. 23 BCE == Greg. Calendar 29 Nov. 023 BCE

The year -22 astronomical counting style corresponds to year 023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 22 BCE
geocentric

JANUARY 22 BCE (-21) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 30 52	8♑43'21	25♊33	16♐59	23♏45	0♎10	24♏47	24♍53	1♑59	2♎30	6°R37	2°R27	4♓ 5	16♋ 2	n.a.	S 1
S 2	6 34 49	9°44'18	7♋27	18°22	24°34	0°34	24°58	24°54	2° 3	2°31	6♌36	2♓16	4° 2	16° 9	n.a.	S 2
M 3	6 38 45	10°45'13	19°18	19°45	25°25	0°57	25°10	24°54	2° 6	2°31	6°35	2° 7	3°59	16°16	n.a.	M 3
T 4	6 42 42	11°46'07	1♌ 8	21° 9	26°16	1°21	25°21	24°54	2°10	2°31	6°33	2° 0	3°56	16°22	n.a.	T 4
W 5	6 46 39	12°47'00	12°58	22°34	27° 8	1°44	25°32	24°54	2°13	2°31	6°32	1°56	3°52	16°29	n.a.	W 5
T 6	6 50 35	13°47'51	24°52	24° 0	28° 1	2° 6	25°44	24°R54	2°17	2°R31	6°31	1°53	3°49	16°36	n.a.	T 6
F 7	6 54 32	14°48'42	6♍52	25°28	28°54	2°28	25°55	24°54	2°20	2°31	6°29	1°D53	3°46	16°42	n.a.	F 7
S 8	6 58 28	15°49'31	19° 2	26°55	29°48	2°50	26° 6	24°54	2°24	2°31	6°28	1°54	3°43	16°49	n.a.	S 8
S 9	7 2 25	16°50'20	1♎26	28°24	0♐42	3°12	26°17	24°54	2°27	2°31	6°26	1°56	3°40	16°56	n.a.	S 9
M10	7 6 21	17°51'07	14°10	29°54	1°38	3°33	26°28	24°54	2°31	2°31	6°25	1°R57	3°37	17° 2	n.a.	M10
T 11	7 10 18	18°51'53	27°17	1♑25	2°33	3°54	26°38	24°53	2°34	2°30	6°23	1°56	3°33	17° 9	n.a.	T 11
W12	7 14 14	19°52'38	10♏51	2°56	3°30	4°15	26°49	24°52	2°38	2°30	6°22	1°54	3°30	17°16	n.a.	W12
T 13	7 18 11	20°53'21	24°53	4°28	4°27	4°35	27° 0	24°52	2°41	2°30	6°21	1°51	3°27	17°22	n.a.	T 13
F 14	7 22 8	21°54'04	9♐24	6° 1	5°24	4°55	27°10	24°51	2°44	2°30	6°19	1°45	3°24	17°29	n.a.	F 14
S 15	7 26 4	22°54'45	24°18	7°35	6°22	5°15	27°20	24°50	2°48	2°29	6°18	1°39	3°21	17°36	n.a.	S 15
S 16	7 30 1	23°55'25	9♑28	9°10	7°20	5°34	27°31	24°49	2°51	2°29	6°16	1°33	3°18	17°42	n.a.	S 16
M17	7 33 57	24°56'04	24°45	10°46	8°19	5°53	27°41	24°48	2°55	2°29	6°15	1°28	3°14	17°49	n.a.	M17
T 18	7 37 54	25°56'41	9♒58	12°22	9°18	6°11	27°51	24°47	2°58	2°28	6°13	1°25	3°11	17°56	n.a.	T 18
W19	7 41 50	26°57'16	24°57	14° 0	10°18	6°29	28° 1	24°45	3° 1	2°28	6°12	1°D23	3° 8	18° 3	n.a.	W19
T 20	7 45 47	27°57'49	9♓34	15°38	11°18	6°46	28°11	24°44	3° 5	2°27	6°10	1°24	3° 5	18° 9	n.a.	T 20
F 21	7 49 43	28°58'20	23°46	17°17	12°18	7° 3	28°21	24°42	3° 8	2°27	6° 9	1°25	3° 2	18°16	n.a.	F 21
S 22	7 53 40	29°58'49	7♈29	18°57	13°19	7°20	28°30	24°41	3°11	2°26	6° 7	1°26	2°58	18°23	n.a.	S 22
S 23	7 57 37	0♒59'16	20°46	20°38	14°20	7°36	28°40	24°39	3°14	2°26	6° 6	1°28	2°55	18°29	n.a.	S 23
M24	8 1 33	1°59'41	3♉40	22°20	15°21	7°52	28°49	24°37	3°18	2°25	6° 4	1°R28	2°52	18°36	n.a.	M24
T 25	8 5 30	3° 0'05	16°13	24° 3	16°23	8° 7	28°59	24°35	3°21	2°25	6° 3	1°27	2°49	18°43	n.a.	T 25
W26	8 9 26	4° 0'26	28°30	25°47	17°25	8°22	29° 8	24°33	3°24	2°24	6° 1	1°25	2°46	18°49	n.a.	W26
T 27	8 13 23	5° 0'45	10♊36	27°32	18°27	8°36	29°17	24°31	3°27	2°23	6° 0	1°22	2°43	18°56	n.a.	T 27
F 28	8 17 19	6° 1'02	22°33	29°17	19°30	8°50	29°26	24°29	3°30	2°23	5°58	1°18	2°39	19° 3	n.a.	F 28
S 29	8 21 16	7° 1'17	4♋25	1♒ 4	20°33	9° 3	29°35	24°27	3°33	2°22	5°56	1°13	2°36	19° 9	n.a.	S 29
S 30	8 25 12	8° 1'30	16°15	2°52	21°36	9°16	29°43	24°24	3°36	2°21	5°55	1° 9	2°33	19°16	n.a.	S 30
M31	8 29 9	9♒ 1'41	28♋ 5	4♒41	22♐40	9♎28	29♏52	24♍22	3♑40	2♎20	5♌53	1♓ 5	2♓30	19♋23	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s25	28n18	4n41	23s 3	0n 1	14s41	4n22	2n10	2n27	18s31	0n41	4n22	2n31	24s 2	0s21	0n42	1n51	30n34	12n11	10s43	10s 7	26n32		n.a.
S 2	23 20	27 39	4 10	23 18	0s 7	14 54	4 21	2 1	2 28	18 34	0 41	4 22	2 32	24 2	0 21	0 42	1 51	30 35	12 11	10 47	10 8	26 30		n.a.
M 3	23 16	25 44	3 28	23 33	0 15	15 8	4 19	1 53	2 28	18 36	0 41	4 22	2 32	24 2	0 21	0 42	1 52	30 35	12 11	10 50	10 9	26 29		n.a.
T 4	23 10	22 41	2 38	23 47	0 23	15 21	4 18	1 44	2 29	18 39	0 41	4 22	2 32	24 2	0 21	0 42	1 52	30 36	12 12	10 53	10 11	26 27		n.a.
W 5	23 5	18 42	1 40	23 59	0 30	15 35	4 16	1 36	2 30	18 42	0 41	4 22	2 33	24 1	0 21	0 42	1 52	30 36	12 12	10 54	10 12	26 26		n.a.
T 6	22 59	13 58	0 38	24 11	0 37	15 48	4 14	1 27	2 31	18 45	0 41	4 23	2 33	24 1	0 21	0 42	1 52	30 37	12 12	10 55	10 13	26 24		n.a.
F 7	22 52	8 40	0s27	24 21	0 44	16 2	4 12	1 19	2 32	18 47	0 41	4 23	2 33	24 1	0 21	0 42	1 52	30 38	12 12	10 55	10 14	26 23		n.a.
S 8	22 45	2 59	1 31	24 30	0 51	16 16	4 10	1 11	2 32	18 50	0 41	4 23	2 33	24 1	0 21	0 42	1 52	30 38	12 12	10 55	10 15	26 22		n.a.
S 9	22 38	2s55	2 33	24 39	0 57	16 30	4 7	1 3	2 33	18 52	0 41	4 24	2 34	24 1	0 21	0 42	1 52	30 39	12 13	10 54	10 16	26 20		n.a.
M10	22 30	8 51	3 29	24 45	1 3	16 43	4 5	0 55	2 34	18 55	0 41	4 24	2 34	24 1	0 21	0 42	1 52	30 39	12 13	10 54	10 17	26 19		n.a.
T 11	22 21	14 35	4 15	24 51	1 9	16 57	4 2	0 48	2 35	18 58	0 41	4 25	2 34	24 1	0 21	0 42	1 52	30 40	12 13	10 54	10 19	26 17		n.a.
W12	22 13	19 49	4 50	24 55	1 15	17 10	3 59	0 40	2 36	19 0	0 41	4 25	2 35	24 1	0 21	0 42	1 52	30 40	12 13	10 55	10 20	26 16		n.a.
T 13	22 3	24 10	5 8	24 58	1 20	17 24	3 56	0 33	2 36	19 2	0 41	4 26	2 35	24 1	0 21	0 43	1 52	30 41	12 13	10 56	10 21	26 14		n.a.
F 14	21 54	27 10	5 7	24 59	1 26	17 37	3 53	0 25	2 37	19 5	0 41	4 26	2 35	24 1	0 21	0 43	1 52	30 42	12 14	10 58	10 22	26 13		n.a.
S 15	21 44	28 21	4 46	24 59	1 30	17 50	3 50	0 18	2 38	19 7	0 41	4 27	2 35	24 1	0 21	0 43	1 52	30 42	12 14	11 0	10 23	26 11		n.a.
S 16	21 33	27 26	4 5	24 58	1 35	18 3	3 47	0 12	2 39	19 10	0 41	4 27	2 36	24 1	0 21	0 43	1 52	30 43	12 14	11 2	10 24	26 10		n.a.
M17	21 23	24 28	3 6	24 54	1 39	18 16	3 43	0 5	2 40	19 12	0 41	4 28	2 36	24 1	0 21	0 43	1 52	30 43	12 14	11 4	10 26	26 8		n.a.
T 18	21 11	19 46	1 54	24 50	1 43	18 28	3 40	0s 2	2 40	19 14	0 41	4 29	2 36	24 1	0 21	0 43	1 53	30 44	12 14	11 5	10 27	26 7		n.a.
W19	21 0	13 54	0 35	24 44	1 47	18 40	3 36	0 8	2 41	19 17	0 41	4 30	2 36	24 1	0 21	0 44	1 53	30 44	12 14	11 6	10 28	26 5		n.a.
T 20	20 48	7 23	0n45	24 36	1 50	18 52	3 32	0 14	2 42	19 19	0 41	4 30	2 37	24 1	0 21	0 44	1 53	30 45	12 15	11 6	10 29	26 3		n.a.
F 21	20 35	0 41	1 59	24 26	1 53	19 4	3 29	0 21	2 43	19 21	0 41	4 31	2 37	24 1	0 21	0 44	1 53	30 45	12 15	11 5	10 30	26 2		n.a.
S 22	20 22	5n49	3 5	24 15	1 56	19 15	3 25	0 26	2 44	19 23	0 41	4 32	2 37	24 0	0 21	0 44	1 53	30 46	12 15	11 5	10 31	26 0		n.a.
S 23	20 9	11 52	3 58	24 2	1 58	19 26	3 21	0 32	2 44	19 25	0 41	4 33	2 38	24 0	0 21	0 45	1 53	30 46	12 15	11 4	10 33	25 59		n.a.
M24	19 56	17 13	4 37	23 48	2 0	19 37	3 17	0 38	2 45	19 27	0 41	4 34	2 38	24 0	0 21	0 45	1 53	30 47	12 15	11 4	10 34	25 57		n.a.
T 25	19 42	21 41	5 2	23 32	2 1	19 48	3 13	0 43	2 46	19 29	0 41	4 35	2 38	24 0	0 21	0 45	1 53	30 47	12 15	11 4	10 35	25 56		n.a.
W26	19 28	25 7	5 13	23 13	2 2	19 58	3 9	0 48	2 47	19 31	0 41	4 36	2 38	24 0	0 21	0 46	1 53	30 48	12 15	11 5	10 36	25 54		n.a.
T 27	19 13	27 23	5 9	22 54	2 3	20 7	3 5	0 53	2 48	19 33	0 41	4 37	2 39	24 0	0 21	0 46	1 53	30 48	12 15	11 6	10 37	25 52		n.a.
F 28	18 58	28 21	4 52	22 32	2 3	20 17	3 1	0 58	2 48	19 35	0 41	4 38	2 39	24 0	0 21	0 46	1 53	30 49	12 15	11 8	10 38	25 51		n.a.
S 29	18 43	28 0	4 23	22 8	2 3	20 26	2 56	1 2	2 49	19 37	0 41	4 39	2 39	24 0	0 21	0 47	1 53	30 49	12 15	11 10	10 39	25 49		n.a.
S 30	18 28	26 22	3 42	21 43	2 2	20 34	2 52	1 7	2 50	19 39	0 41	4 41	2 39	24 0	0 21	0 47	1 53	30 50	12 16	11 11	10 41	25 48		n.a.
M31	18s12	23n34	2n52	21s16	2s 1	20s42	2n48	1s11	2n51	19s41	0n41	4n42	2n40	24s 0	0s21	0n47	1n53	30n50	12n16	11s12	10s42	25n46		n.a.

Julian Day Number = 1713387.5, Delta T = 02h59m36s
Ecliptic obliquity = 23°41'59, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°21'58, Lahiri = - 4°14'57 Julian Calendar 1 Jan. 22 BCE == Greg. Calendar 30 Dec. 023 BCE

The year -21 astronomical counting style corresponds to year 022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 22 BCE
geocentric

FEBRUARY 22 BCE (-21) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 33 6	10♒ 1'50	9♌57	6♒31	23♐44	9♎40	0♐ 0	24°R19	3♑43	2°R20	5°R52	1°R 3	2♓27	19♋29	n.a.	T 1
W 2	8 37 2	11° 1'57	21°53	8°22	24°48	9°51	0° 9	24♍17	3°46	2♎19	5♌50	1♓ 2	2°24	19°36	n.a.	W 2
T 3	8 40 59	12° 2'02	3♍55	10°14	25°52	10° 2	0°17	24°14	3°49	2°18	5°49	1°D 1	2°20	19°43	n.a.	T 3
F 4	8 44 55	13° 2'05	16° 5	12° 6	26°57	10°12	0°25	24°11	3°51	2°17	5°47	1° 2	2°17	19°49	n.a.	F 4
S 5	8 48 52	14° 2'06	28°26	14° 0	28° 1	10°21	0°33	24° 8	3°54	2°16	5°46	1° 3	2°14	19°56	n.a.	S 5
S 6	8 52 48	15° 2'05	10♎59	15°55	29° 6	10°30	0°41	24° 5	3°57	2°15	5°44	1° 5	2°11	20° 3	n.a.	S 6
M 7	8 56 45	16° 2'03	23°49	17°50	0♑12	10°38	0°48	24° 2	4° 0	2°14	5°43	1° 6	2° 8	20°10	n.a.	M 7
T 8	9 0 41	17° 1'59	6♏56	19°47	1°17	10°46	0°56	23°59	4° 3	2°13	5°41	1° 7	2° 4	20°16	n.a.	T 8
W 9	9 4 38	18° 1'54	20°25	21°44	2°23	10°53	1° 3	23°56	4° 6	2°12	5°40	1°R 7	2° 1	20°23	n.a.	W 9
T 10	9 8 35	19° 1'46	4♐17	23°41	3°28	11° 0	1°11	23°53	4° 9	2°11	5°38	1° 6	1°58	20°30	n.a.	T 10
F 11	9 12 31	20° 1'37	18°31	25°39	4°34	11° 5	1°18	23°49	4°11	2°10	5°37	1° 6	1°55	20°36	n.a.	F 11
S 12	9 16 28	21° 1'26	3♑ 5	27°37	5°41	11°10	1°25	23°46	4°14	2° 9	5°35	1° 4	1°52	20°43	n.a.	S 12
S 13	9 20 24	22° 1'14	17°56	29°35	6°47	11°15	1°31	23°42	4°17	2° 8	5°34	1° 3	1°49	20°50	n.a.	S 13
M14	9 24 21	23° 0'59	2♒57	1♓33	7°54	11°18	1°38	23°39	4°19	2° 6	5°32	1° 2	1°45	20°56	n.a.	M14
T 15	9 28 17	24° 0'43	17°59	3°31	9° 0	11°21	1°45	23°35	4°22	2° 5	5°31	1° 2	1°42	21° 3	n.a.	T 15
W16	9 32 14	25° 0'24	2♓53	5°28	10° 7	11°24	1°51	23°32	4°24	2° 4	5°30	1°D 2	1°39	21°10	n.a.	W16
T 17	9 36 10	26° 0'03	17°32	7°24	11°14	11°25	1°57	23°28	4°27	2° 3	5°28	1° 2	1°36	21°16	n.a.	T 17
F 18	9 40 7	26°59'40	1♈49	9°18	12°21	11°26	2° 3	23°24	4°29	2° 2	5°27	1° 2	1°33	21°23	n.a.	F 18
S 19	9 44 4	27°59'14	15°42	11°10	13°29	11°R26	2° 9	23°20	4°32	2° 0	5°25	1° 3	1°30	21°30	n.a.	S 19
S 20	9 48 0	28°58'46	29° 8	13° 0	14°36	11°25	2°15	23°16	4°34	1°59	5°24	1° 3	1°26	21°36	n.a.	S 20
M21	9 51 57	29°58'16	12♉ 9	14°47	15°43	11°24	2°20	23°12	4°37	1°58	5°23	1° 3	1°23	21°43	n.a.	M21
T 22	9 55 53	0♓57'44	24°47	16°32	16°51	11°22	2°26	23° 8	4°39	1°56	5°21	1° 3	1°20	21°50	n.a.	T 22
W23	9 59 50	1°57'09	7♊ 7	18°12	17°59	11°19	2°31	23° 4	4°41	1°55	5°20	1° 3	1°17	21°56	n.a.	W23
T 24	10 3 46	2°56'31	19°12	19°48	19° 7	11°15	2°36	23° 0	4°44	1°54	5°19	1° 3	1°14	22° 3	n.a.	T 24
F 25	10 7 43	3°55'52	1♋ 8	21°20	20°15	11°11	2°41	22°56	4°46	1°52	5°17	1° 3	1°10	22°10	n.a.	F 25
S 26	10 11 39	4°55'10	12°58	22°47	21°23	11° 6	2°46	22°52	4°48	1°51	5°16	1° 4	1° 7	22°16	n.a.	S 26
S 27	10 15 36	5°54'25	24°47	24° 9	22°31	11° 0	2°51	22°47	4°50	1°49	5°15	1° 4	1° 4	22°23	n.a.	S 27
M28	10 19 32	6♓53'38	6♌39	25♓25	23♑40	10♎53	2♐55	22♍43	4♑52	1♎48	5♌13	1♓ 5	1♓ 1	22♋30	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s55	19n46	1n54	20s47	2s 0	20s50	2n43	1s15	2n51	19s43	0n41	4n43	2n40	24s 0	0s21	0n48	1n53	30n51	12n16	11s13	10s43	25n44		n.a.
W 2	17 39	15 9	0 50	20 16	1 57	20 57	2 39	1 19	2 52	19 44	0 41	4 44	2 40	24 0	0 21	0 48	1 53	30 51	12 16	11 14	10 44	25 43		n.a.
T 3	17 22	9 56	0s16	19 43	1 55	21 4	2 34	1 22	2 53	19 46	0 41	4 46	2 40	24 0	0 21	0 49	1 53	30 52	12 16	11 14	10 45	25 41		n.a.
F 4	17 5	4 17	1 22	19 8	1 52	21 10	2 30	1 26	2 53	19 48	0 41	4 47	2 40	24 0	0 21	0 49	1 54	30 52	12 16	11 14	10 46	25 39		n.a.
S 5	16 48	1s36	2 26	18 31	1 48	21 16	2 25	1 29	2 54	19 49	0 41	4 48	2 41	24 0	0 21	0 49	1 54	30 53	12 16	11 13	10 48	25 38		n.a.
S 6	16 30	7 30	3 23	17 53	1 43	21 21	2 21	1 32	2 55	19 51	0 41	4 50	2 41	23 59	0 21	0 50	1 54	30 53	12 16	11 13	10 49	25 36		n.a.
M 7	16 12	13 14	4 12	17 13	1 38	21 26	2 16	1 34	2 55	19 53	0 41	4 51	2 41	23 59	0 21	0 50	1 54	30 53	12 16	11 12	10 50	25 34		n.a.
T 8	15 54	18 31	4 49	16 31	1 33	21 30	2 12	1 37	2 56	19 54	0 41	4 53	2 41	23 59	0 21	0 51	1 54	30 54	12 16	11 12	10 51	25 33		n.a.
W 9	15 36	23 2	5 11	15 47	1 27	21 34	2 7	1 39	2 57	19 56	0 41	4 54	2 42	23 59	0 21	0 51	1 54	30 54	12 16	11 12	10 52	25 31		n.a.
T 10	15 17	26 24	5 16	15 2	1 20	21 37	2 2	1 41	2 57	19 57	0 41	4 56	2 42	23 59	0 21	0 52	1 54	30 55	12 16	11 12	10 53	25 29		n.a.
F 11	14 58	28 13	5 2	14 15	1 13	21 39	1 58	1 43	2 58	19 59	0 41	4 57	2 42	23 59	0 21	0 52	1 54	30 55	12 16	11 12	10 54	25 28		n.a.
S 12	14 39	28 9	4 29	13 26	1 5	21 42	1 53	1 44	2 58	20 0	0 41	4 59	2 42	23 59	0 21	0 53	1 54	30 55	12 16	11 13	10 56	25 26		n.a.
S 13	14 19	26 4	3 37	12 37	0 56	21 43	1 49	1 45	2 59	20 1	0 41	5 0	2 42	23 59	0 21	0 53	1 54	30 56	12 16	11 13	10 57	25 24		n.a.
M14	14 0	22 8	2 30	11 46	0 47	21 44	1 44	1 46	3 0	20 3	0 41	5 2	2 43	23 59	0 21	0 54	1 54	30 56	12 16	11 13	10 58	25 23		n.a.
T 15	13 40	16 45	1 12	10 54	0 37	21 44	1 39	1 47	3 0	20 4	0 41	5 3	2 43	23 59	0 21	0 54	1 54	30 56	12 16	11 14	10 59	25 21		n.a.
W16	13 20	10 24	0n10	10 1	0 27	21 44	1 35	1 47	3 1	20 5	0 41	5 5	2 43	23 59	0 21	0 55	1 54	30 57	12 16	11 14	11 0	25 19		n.a.
T 17	12 59	3 36	1 30	9 8	0 16	21 43	1 30	1 48	3 1	20 7	0 41	5 7	2 43	23 59	0 21	0 55	1 54	30 57	12 16	11 14	11 1	25 17		n.a.
F 18	12 39	3n13	2 43	8 14	0 4	21 42	1 25	1 48	3 1	20 8	0 41	5 8	2 43	23 59	0 21	0 56	1 54	30 57	12 16	11 13	11 2	25 16		n.a.
S 19	12 18	9 40	3 43	7 20	0n 7	21 40	1 21	1 47	3 2	20 9	0 41	5 10	2 43	23 59	0 21	0 56	1 54	30 58	12 15	11 13	11 4	25 14		n.a.
S 20	11 57	15 29	4 30	6 27	0 20	21 38	1 16	1 47	3 2	20 10	0 41	5 12	2 44	23 59	0 21	0 57	1 54	30 58	12 15	11 13	11 5	25 12		n.a.
M21	11 36	20 24	5 0	5 34	0 32	21 34	1 12	1 46	3 2	20 11	0 41	5 14	2 44	23 59	0 21	0 57	1 54	30 58	12 15	11 13	11 6	25 10		n.a.
T 22	11 15	24 16	5 16	4 41	0 45	21 31	1 7	1 45	3 3	20 12	0 41	5 15	2 44	23 58	0 21	0 58	1 54	30 59	12 15	11 13	11 7	25 9		n.a.
W23	10 54	26 55	5 16	3 50	0 58	21 27	1 3	1 43	3 3	20 13	0 41	5 17	2 44	23 58	0 21	0 59	1 54	30 59	12 15	11 13	11 8	25 7		n.a.
T 24	10 32	28 16	5 2	3 0	1 10	21 22	0 58	1 42	3 3	20 14	0 41	5 19	2 44	23 58	0 21	0 59	1 54	30 59	12 15	11 13	11 9	25 5		n.a.
F 25	10 10	28 17	4 35	2 12	1 23	21 16	0 54	1 40	3 3	20 15	0 41	5 21	2 44	23 58	0 22	1 0	1 55	30 59	12 15	11 13	11 10	25 3		n.a.
S 26	9 49	26 59	3 57	1 26	1 36	21 10	0 49	1 38	3 3	20 16	0 41	5 23	2 44	23 58	0 22	1 0	1 55	31 0	12 15	11 13	11 12	25 1		n.a.
S 27	9 27	24 29	3 8	0 42	1 48	21 3	0 45	1 35	3 3	20 17	0 41	5 24	2 44	23 58	0 22	1 1	1 55	31 0	12 15	11 13	11 13	25 0		n.a.
M28	9s 5	20n56	2n12	0s 0	2n 0	20s56	0n41	1s33	3n 3	20s18	0n41	5n26	2n45	23s58	0s22	1n 2	1n55	31n 0	12n15	11s13	11s14	24n58		n.a.

Julian Day Number = 1713418.5, Delta T = 02h59m35s
Ecliptic obliquity = 23°41'59, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°21'53, Lahiri = - 4°14'53 Julian Calendar 1 Feb. 22 BCE == Greg. Calendar 30 Jan. 022 BCE

The year -21 astronomical counting style corresponds to year 022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 22 BCE
geocentric

MARCH 22 BCE (-21) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 23 29	7♓52'49	18♌35	26♓35	24♉48	10°R46	2♐59	22°R39	4♉54	1°R47	5°R12	1♓ 5	0♓58	22♋36	n.a.	T 1
W 2	10 27 26	8°51'58	0♍40	27°39	25°57	10♎37	3° 3	22♍34	4°56	1♎45	5♌11	1°R 5	0°55	22°43	n.a.	W 2
T 3	10 31 22	9°51'04	12°54	28°37	27° 5	10°28	3° 7	22°30	4°58	1°44	5°10	1° 5	0°51	22°50	n.a.	T 3
F 4	10 35 19	10°50'08	25°20	29°28	28°14	10°19	3°11	22°25	5° 0	1°42	5° 9	1° 4	0°48	22°56	n.a.	F 4
S 5	10 39 15	11°49'11	7♎58	0♈12	29°23	10° 8	3°15	22°21	5° 2	1°41	5° 7	1° 3	0°45	23° 3	n.a.	S 5
S 6	10 43 12	12°48'11	20°49	0°49	0♒32	9°57	3°18	22°17	5° 4	1°39	5° 6	1° 2	0°42	23°10	n.a.	S 6
M 7	10 47 8	13°47'09	3♏54	1°19	1°41	9°45	3°21	22°12	5° 6	1°38	5° 5	1° 0	0°39	23°16	n.a.	M 7
T 8	10 51 5	14°46'05	17°14	1°42	2°50	9°32	3°24	22° 7	5° 8	1°36	5° 4	0°59	0°35	23°23	n.a.	T 8
W 9	10 55 1	15°45'00	0♐49	1°58	3°59	9°19	3°27	22° 3	5° 9	1°34	5° 3	0°57	0°32	23°30	n.a.	W 9
T 10	10 58 58	16°43'53	14°38	2° 8	5° 9	9° 4	3°30	21°58	5°11	1°33	5° 2	0°D57	0°29	23°36	n.a.	T 10
F 11	11 2 55	17°42'44	28°42	2°R10	6°18	8°50	3°32	21°54	5°13	1°31	5° 1	0°57	0°26	23°43	n.a.	F 11
S 12	11 6 51	18°41'33	12♑59	2° 6	7°27	8°34	3°35	21°49	5°14	1°30	5° 0	0°58	0°23	23°50	n.a.	S 12
S 13	11 10 48	19°40'21	27°27	1°56	8°37	8°18	3°37	21°45	5°16	1°28	4°59	0°59	0°20	23°57	n.a.	S 13
M14	11 14 44	20°39'07	12♒ 3	1°39	9°47	8° 1	3°39	21°40	5°17	1°27	4°58	1° 1	0°16	24° 3	n.a.	M14
T 15	11 18 41	21°37'50	26°40	1°18	10°56	7°44	3°40	21°36	5°19	1°25	4°57	1°R 1	0°13	24°10	n.a.	T 15
W16	11 22 37	22°36'32	11♓14	0°51	12° 6	7°26	3°42	21°31	5°20	1°23	4°56	1° 1	0°10	24°17	n.a.	W16
T 17	11 26 34	23°35'12	25°38	0°19	13°16	7° 7	3°43	21°26	5°21	1°22	4°55	1° 0	0° 7	24°23	n.a.	T 17
F 18	11 30 30	24°33'49	9♈47	29♓44	14°26	6°48	3°45	21°22	5°23	1°20	4°54	0°57	0° 4	24°30	n.a.	F 18
S 19	11 34 27	25°32'25	23°37	29° 6	15°36	6°28	3°46	21°17	5°24	1°18	4°53	0°54	0° 1	24°37	n.a.	S 19
S 20	11 38 23	26°30'59	7♉ 4	28°25	16°46	6° 8	3°46	21°13	5°25	1°17	4°52	0°50	29♒57	24°43	n.a.	S 20
M21	11 42 20	27°29'30	20° 8	27°43	17°56	5°48	3°47	21° 8	5°26	1°15	4°51	0°46	29°54	24°50	n.a.	M21
T 22	11 46 17	28°27'59	2♊50	27° 0	19° 6	5°27	3°48	21° 4	5°27	1°14	4°51	0°43	29°51	24°57	n.a.	T 22
W23	11 50 13	29°26'26	15°13	26°18	20°16	5° 6	3°48	20°59	5°28	1°12	4°50	0°41	29°48	25° 3	n.a.	W23
T 24	11 54 10	0♈24'51	27°21	25°36	21°26	4°45	3°R48	20°54	5°29	1°10	4°49	0°D40	29°45	25°10	n.a.	T 24
F 25	11 58 6	1°23'13	9♋17	24°55	22°37	4°23	3°48	20°50	5°30	1° 9	4°48	0°40	29°41	25°17	n.a.	F 25
S 26	12 2 3	2°21'34	21° 8	24°17	23°47	4° 1	3°48	20°46	5°31	1° 7	4°48	0°41	29°38	25°23	n.a.	S 26
S 27	12 5 59	3°19'52	2♌57	23°42	24°57	3°39	3°47	20°41	5°32	1° 5	4°47	0°43	29°35	25°30	n.a.	S 27
M28	12 9 56	4°18'08	14°50	23°10	26° 8	3°17	3°46	20°37	5°33	1° 4	4°46	0°45	29°32	25°37	n.a.	M28
T 29	12 13 52	5°16'22	26°52	22°42	27°18	2°55	3°46	20°32	5°34	1° 2	4°46	0°R46	29°29	25°43	n.a.	T 29
W30	12 17 49	6°14'33	9♍ 4	22°17	28°29	2°33	3°44	20°28	5°34	1° 1	4°45	0°45	29°26	25°50	n.a.	W30
T 31	12 21 46	7♈12'43	21♍31	21♓58	29♒39	2♎10	3♐43	20♍24	5♉35	0♎59	4♌45	0♓43	29♒22	25♋57	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	8s42	16n31	1n 9	0n39	2n12	20s48	0n36	1s30	3n 3	20s19	0n41	5n28	2n45	23s58	0s22	1n 2	1n55	31n 0	12n14	11s12	11s15	24n56			n.a.
W 2	8 20	11 24	0 2	1 15	2 23	20 40	0 32	1 27	3 3	20 19	0 41	5 30	2 45	23 58	0 22	1 3	1 55	31 1	12 14	11 12	11 16	24 54			n.a.
T 3	7 58	5 47	1s 5	1 47	2 34	20 31	0 28	1 23	3 3	20 20	0 41	5 32	2 45	23 58	0 22	1 3	1 55	31 1	12 14	11 12	11 17	24 52			n.a.
F 4	7 35	0s 7	2 10	2 17	2 44	20 21	0 23	1 20	3 3	20 21	0 41	5 34	2 45	23 58	0 22	1 4	1 55	31 1	12 14	11 13	11 18	24 51			n.a.
S 5	7 12	6 6	3 10	2 43	2 53	20 11	0 19	1 16	3 3	20 22	0 41	5 35	2 45	23 58	0 22	1 5	1 55	31 1	12 14	11 13	11 20	24 49			n.a.
S 6	6 50	11 56	4 2	3 5	3 1	20 1	0 15	1 11	3 2	20 22	0 41	5 37	2 45	23 58	0 22	1 5	1 55	31 1	12 14	11 14	11 21	24 47			n.a.
M 7	6 27	17 22	4 42	3 24	3 8	19 49	0 11	1 7	3 2	20 23	0 41	5 39	2 45	23 58	0 22	1 6	1 55	31 1	12 14	11 14	11 22	24 45			n.a.
T 8	6 4	22 4	5 7	3 38	3 13	19 38	0 7	1 2	3 1	20 23	0 41	5 41	2 45	23 58	0 22	1 7	1 55	31 1	12 13	11 15	11 23	24 43			n.a.
W 9	5 41	25 42	5 16	3 49	3 18	19 25	0 3	0 58	3 1	20 24	0 41	5 43	2 45	23 58	0 22	1 7	1 55	31 2	12 13	11 15	11 24	24 41			n.a.
T 10	5 18	27 53	5 7	3 56	3 22	19 12	0s 1	0 53	3 0	20 24	0 41	5 45	2 45	23 58	0 22	1 8	1 55	31 2	12 13	11 15	11 25	24 39			n.a.
F 11	4 54	28 22	4 40	3 59	3 24	18 59	0 5	0 47	3 0	20 25	0 41	5 47	2 46	23 58	0 22	1 9	1 55	31 2	12 13	11 15	11 26	24 38			n.a.
S 12	4 31	26 57	3 55	3 58	3 24	18 45	0 9	0 42	2 59	20 25	0 41	5 48	2 46	23 58	0 22	1 9	1 55	31 2	12 13	11 15	11 28	24 36			n.a.
S 13	4 8	23 45	2 55	3 53	3 23	18 30	0 12	0 36	2 58	20 26	0 41	5 50	2 46	23 58	0 22	1 10	1 55	31 2	12 13	11 14	11 29	24 34			n.a.
M14	3 45	19 1	1 43	3 44	3 21	18 15	0 16	0 30	2 57	20 26	0 41	5 52	2 46	23 57	0 22	1 10	1 55	31 2	12 12	11 14	11 30	24 32			n.a.
T 15	3 21	13 8	0 24	3 32	3 17	17 59	0 20	0 24	2 56	20 26	0 41	5 54	2 46	23 57	0 22	1 11	1 55	31 2	12 12	11 14	11 31	24 30			n.a.
W16	2 58	6 34	0n56	3 16	3 12	17 43	0 23	0 18	2 55	20 27	0 41	5 56	2 46	23 57	0 22	1 12	1 55	31 2	12 12	11 14	11 32	24 28			n.a.
T 17	2 34	0n15	2 12	2 57	3 4	17 27	0 27	0 12	2 54	20 27	0 41	5 58	2 46	23 57	0 22	1 12	1 55	31 2	12 12	11 14	11 33	24 26			n.a.
F 18	2 11	6 56	3 17	2 35	2 56	17 10	0 30	0 5	2 53	20 27	0 41	6 0	2 46	23 57	0 22	1 13	1 55	31 2	12 12	11 15	11 34	24 24			n.a.
S 19	1 47	13 8	4 10	2 10	2 46	16 52	0 33	0n 1	2 51	20 27	0 41	6 1	2 46	23 57	0 22	1 14	1 55	31 2	12 11	11 16	11 35	24 22			n.a.
S 20	1 24	18 32	4 47	1 44	2 35	16 34	0 37	0 8	2 50	20 28	0 41	6 3	2 46	23 57	0 22	1 14	1 55	31 2	12 11	11 18	11 37	24 20			n.a.
M21	1 0	22 55	5 8	1 15	2 22	16 15	0 40	0 15	2 49	20 28	0 41	6 5	2 46	23 57	0 22	1 15	1 55	31 2	12 11	11 19	11 38	24 18			n.a.
T 22	0 37	26 4	5 13	0 46	2 9	15 57	0 43	0 22	2 47	20 28	0 41	6 7	2 46	23 57	0 22	1 16	1 55	31 2	12 11	11 20	11 39	24 16			n.a.
W23	0 13	27 54	5 4	0 15	1 54	15 37	0 46	0 29	2 45	20 28	0 41	6 9	2 46	23 57	0 22	1 16	1 55	31 2	12 10	11 21	11 40	24 14			n.a.
T 24	0n10	28 21	4 40	0s16	1 39	15 17	0 49	0 36	2 44	20 28	0 41	6 10	2 46	23 57	0 22	1 17	1 55	31 2	12 10	11 21	11 41	24 13			n.a.
F 25	0 33	27 27	4 5	0 46	1 23	14 57	0 52	0 43	2 42	20 28	0 41	6 12	2 46	23 57	0 22	1 18	1 55	31 2	12 10	11 21	11 42	24 11			n.a.
S 26	0 57	25 19	3 20	1 17	1 7	14 36	0 55	0 50	2 40	20 28	0 41	6 14	2 46	23 57	0 22	1 18	1 55	31 2	12 10	11 21	11 43	24 9			n.a.
S 27	1 20	22 5	2 26	1 46	0 50	14 15	0 58	0 57	2 38	20 28	0 41	6 16	2 46	23 57	0 22	1 19	1 55	31 2	12 10	11 20	11 44	24 7			n.a.
M28	1 44	17 56	1 26	2 14	0 33	13 54	1 1	1 4	2 36	20 27	0 41	6 17	2 46	23 57	0 22	1 20	1 55	31 2	12 9	11 20	11 46	24 5			n.a.
T 29	2 7	13 2	0 21	2 40	0 17	13 32	1 3	1 11	2 34	20 27	0 41	6 19	2 46	23 57	0 22	1 20	1 55	31 2	12 9	11 19	11 47	24 3			n.a.
W30	2 30	7 33	0s45	3 5	0 1	13 10	1 6	1 18	2 32	20 27	0 41	6 21	2 45	23 57	0 22	1 21	1 55	31 2	12 9	11 20	11 48	24 1			n.a.
T 31	2n54	1n42	1s51	3s27	0s15	12s47	1s 8	1n24	2n29	20s27	0n41	6n22	2n45	23s57	0s22	1n22	1n55	31n 2	12n 9	11s20	11s49	23n59			n.a.

Julian Day Number = 1713446.5, Delta T = 02h59m34s
Ecliptic obliquity = 23°42'00, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°21'50, Lahiri = - 4°14'49 Julian Calendar 1 March 22 BCE == Greg. Calendar 27 Feb. 022 BCE

The year -21 astronomical counting style corresponds to year 022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 22 BCE
geocentric

APRIL 22 BCE (-21) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 25 42	8♈10'51	4♎14	21°R43	0♓50	1°R48	3°R42	20°R19	5♑36	0°R57	4°R44	0°R40	29♒19	26♋ 3	n.a.	F 1
S 2	12 29 39	9° 8'57	17°13	21♓32	2° 1	1♎26	3♐40	20♍15	5°36	0♎56	4♌44	0♓35	29°16	26°10	n.a.	S 2
S 3	12 33 35	10° 7'01	0♏28	21°27	3°11	1° 4	3°38	20°11	5°37	0°54	4°43	0°28	29°13	26°17	n.a.	S 3
M 4	12 37 32	11° 5'04	13°57	21°D26	4°22	0°43	3°36	20° 7	5°37	0°52	4°43	0°22	29°10	26°23	n.a.	M 4
T 5	12 41 28	12° 3'05	27°39	21°30	5°33	0°21	3°34	20° 3	5°38	0°51	4°42	0°16	29° 7	26°30	n.a.	T 5
W 6	12 45 25	13° 1'05	11♐30	21°39	6°44	0° 0	3°32	19°59	5°38	0°49	4°42	0°10	29° 3	26°37	n.a.	W 6
T 7	12 49 21	13°59'03	25°30	21°53	7°55	29♍39	3°29	19°55	5°38	0°48	4°42	0° 7	29° 0	26°43	n.a.	T 7
F 8	12 53 18	14°57'00	9♑35	22°11	9° 6	29°19	3°27	19°51	5°39	0°46	4°41	0°D 6	28°57	26°50	n.a.	F 8
S 9	12 57 15	15°54'56	23°44	22°34	10°17	28°59	3°24	19°47	5°39	0°44	4°41	0° 6	28°54	26°57	n.a.	S 9
S 10	13 1 11	16°52'50	7♒56	23° 1	11°28	28°39	3°21	19°43	5°39	0°43	4°41	0° 7	28°51	27° 3	n.a.	S 10
M11	13 5 8	17°50'43	22° 9	23°32	12°39	28°20	3°18	19°39	5°39	0°41	4°40	0° 8	28°47	27°10	n.a.	M11
T 12	13 9 4	18°48'34	6♓20	24° 7	13°50	28° 1	3°14	19°36	5°39	0°40	4°40	0°R 8	28°44	27°17	n.a.	T 12
W13	13 13 1	19°46'24	20°28	24°47	15° 1	27°43	3°11	19°32	5°R39	0°38	4°40	0° 6	28°41	27°23	n.a.	W13
T 14	13 16 57	20°44'13	4♈28	25°29	16°12	27°25	3° 7	19°28	5°39	0°37	4°40	0° 2	28°38	27°30	n.a.	T 14
F 15	13 20 54	21°42'00	18°17	26°16	17°23	27° 8	3° 3	19°25	5°39	0°35	4°40	29♒56	28°35	27°37	n.a.	F 15
S 16	13 24 50	22°39'46	1♉51	27° 6	18°35	26°52	2°59	19°21	5°39	0°34	4°40	29°48	28°32	27°43	n.a.	S 16
S 17	13 28 47	23°37'30	15° 8	27°59	19°46	26°36	2°55	19°18	5°39	0°32	4°40	29°39	28°28	27°50	n.a.	S 17
M18	13 32 44	24°35'13	28° 7	28°56	20°57	26°21	2°50	19°15	5°38	0°31	4°40	29°29	28°25	27°57	n.a.	M18
T 19	13 36 40	25°32'54	10♊46	29°56	22° 9	26° 7	2°46	19°11	5°38	0°29	4°D40	29°21	28°22	28° 3	n.a.	T 19
W20	13 40 37	26°30'34	23° 8	0♈58	23°20	25°54	2°41	19° 8	5°38	0°28	4°40	29°14	28°19	28°10	n.a.	W20
T 21	13 44 33	27°28'12	5♋15	2° 4	24°31	25°41	2°36	19° 5	5°37	0°27	4°40	29° 9	28°16	28°17	n.a.	T 21
F 22	13 48 30	28°25'48	17°12	3°13	25°43	25°29	2°31	19° 2	5°37	0°25	4°40	29° 7	28°13	28°23	n.a.	F 22
S 23	13 52 26	29°23'23	29° 2	4°24	26°54	25°18	2°26	18°59	5°37	0°24	4°40	29°D 6	28° 9	28°30	n.a.	S 23
S 24	13 56 23	0♉20'56	10♌52	5°38	28° 6	25° 7	2°21	18°56	5°36	0°22	4°40	29° 7	28° 6	28°37	n.a.	S 24
M25	14 0 19	1°18'28	22°46	6°55	29°17	24°58	2°15	18°53	5°35	0°21	4°40	29°R 7	28° 3	28°43	n.a.	M25
T 26	14 4 16	2°15'58	4♍50	8°15	0♈29	24°49	2°10	18°51	5°35	0°20	4°40	29° 7	28° 0	28°50	n.a.	T 26
W27	14 8 13	3°13'27	17° 8	9°37	1°40	24°41	2° 4	18°48	5°34	0°18	4°41	29° 6	27°57	28°57	n.a.	W27
T 28	14 12 9	4°10'54	29°44	11° 1	2°52	24°34	1°58	18°46	5°33	0°17	4°41	29° 2	27°53	29° 3	n.a.	T 28
F 29	14 16 6	5° 8'20	12♎41	12°28	4° 4	24°27	1°52	18°43	5°33	0°16	4°41	28°56	27°50	29°10	n.a.	F 29
S 30	14 20 2	6♉ 5'45	25♎59	13♈58	5♈15	24♍22	1♐46	18♍41	5♑32	0♎14	4♌41	28♒47	27♒47	29♋17	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3n17	4s20	2s52	3s48	0s31	12s24	1s11	1n31	2n27	20s27	0n41	6n24	2n45	23s57	0s22	1n22	1n55	31n 2	12n 8	11s21	11s50	23n57		n.a.
S 2	3 40	10 18	3 46	4 6	0 46	12 1	1 13	1 38	2 25	20 26	0 41	6 26	2 45	23 57	0 22	1 23	1 55	31 2	12 8	11 23	11 51	23 55		n.a.
S 3	4 3	15 56	4 28	4 21	1 0	11 37	1 15	1 44	2 22	20 26	0 41	6 27	2 45	23 57	0 22	1 24	1 55	31 1	12 8	11 26	11 52	23 53		n.a.
M 4	4 26	20 55	4 57	4 34	1 14	11 13	1 18	1 51	2 20	20 26	0 41	6 29	2 45	23 57	0 22	1 24	1 55	31 1	12 8	11 28	11 53	23 51		n.a.
T 5	4 49	24 51	5 9	4 44	1 27	10 49	1 20	1 57	2 17	20 25	0 41	6 30	2 45	23 57	0 23	1 25	1 55	31 1	12 7	11 30	11 55	23 49		n.a.
W 6	5 12	27 25	5 3	4 51	1 39	10 24	1 22	2 3	2 15	20 25	0 41	6 32	2 45	23 57	0 23	1 26	1 55	31 1	12 7	11 32	11 56	23 46		n.a.
T 7	5 34	28 17	4 40	4 56	1 50	9 59	1 24	2 9	2 12	20 24	0 41	6 33	2 45	23 57	0 23	1 26	1 55	31 1	12 7	11 33	11 57	23 44		n.a.
F 8	5 57	27 19	3 59	4 59	2 1	9 34	1 26	2 15	2 9	20 24	0 41	6 35	2 45	23 57	0 23	1 27	1 55	31 1	12 6	11 34	11 58	23 42		n.a.
S 9	6 20	24 36	3 4	4 59	2 11	9 8	1 27	2 20	2 6	20 23	0 41	6 36	2 45	23 57	0 23	1 27	1 55	31 1	12 6	11 34	11 59	23 40		n.a.
S 10	6 42	20 22	1 57	4 56	2 20	8 43	1 29	2 26	2 4	20 23	0 41	6 38	2 45	23 57	0 23	1 28	1 55	31 0	12 6	11 33	12 0	23 38		n.a.
M11	7 5	14 57	0 43	4 51	2 28	8 17	1 31	2 31	2 1	20 22	0 41	6 39	2 44	23 57	0 23	1 29	1 55	31 0	12 6	11 33	12 1	23 36		n.a.
T 12	7 27	8 46	0n33	4 43	2 35	7 50	1 32	2 36	1 58	20 22	0 41	6 41	2 44	23 57	0 23	1 29	1 55	31 0	12 5	11 33	12 2	23 34		n.a.
W13	7 49	2 11	1 47	4 34	2 41	7 24	1 34	2 41	1 55	20 21	0 41	6 42	2 44	23 57	0 23	1 30	1 55	31 0	12 5	11 33	12 4	23 32		n.a.
T 14	8 11	4n27	2 54	4 22	2 47	6 57	1 35	2 45	1 52	20 20	0 41	6 43	2 44	23 57	0 23	1 30	1 55	30 59	12 5	11 35	12 5	23 30		n.a.
F 15	8 33	10 46	3 49	4 7	2 52	6 30	1 36	2 49	1 49	20 19	0 41	6 45	2 44	23 57	0 23	1 31	1 55	30 59	12 5	11 37	12 6	23 28		n.a.
S 16	8 55	16 28	4 30	3 51	2 56	6 3	1 37	2 53	1 46	20 19	0 41	6 46	2 44	23 57	0 23	1 32	1 55	30 59	12 4	11 40	12 7	23 26		n.a.
S 17	9 16	21 16	4 56	3 33	2 59	5 36	1 39	2 56	1 43	20 18	0 41	6 47	2 44	23 57	0 23	1 32	1 55	30 59	12 4	11 43	12 8	23 24		n.a.
M18	9 38	24 55	5 5	3 12	3 2	5 9	1 40	3 0	1 40	20 17	0 41	6 48	2 43	23 58	0 23	1 33	1 55	30 58	12 4	11 46	12 9	23 22		n.a.
T 19	9 59	27 15	5 0	2 50	3 4	4 41	1 40	3 3	1 37	20 16	0 41	6 49	2 43	23 58	0 23	1 33	1 55	30 58	12 3	11 49	12 10	23 19		n.a.
W20	10 20	28 11	4 40	2 26	3 5	4 13	1 41	3 5	1 34	20 15	0 41	6 50	2 43	23 58	0 23	1 34	1 55	30 58	12 3	11 52	12 11	23 17		n.a.
T 21	10 41	27 43	4 8	2 0	3 5	3 45	1 42	3 8	1 31	20 14	0 41	6 52	2 43	23 58	0 23	1 34	1 55	30 58	12 3	11 54	12 12	23 15		n.a.
F 22	11 2	25 58	3 25	1 32	3 5	3 17	1 43	3 10	1 28	20 13	0 41	6 53	2 43	23 58	0 23	1 35	1 55	30 57	12 3	11 54	12 14	23 13		n.a.
S 23	11 23	23 5	2 34	1 2	3 4	2 49	1 43	3 11	1 25	20 12	0 41	6 54	2 43	23 58	0 23	1 36	1 55	30 57	12 2	11 55	12 15	23 11		n.a.
S 24	11 43	19 14	1 36	0 31	3 2	2 21	1 44	3 13	1 22	20 11	0 41	6 55	2 43	23 58	0 23	1 36	1 55	30 57	12 2	11 55	12 16	23 9		n.a.
M25	12 3	14 36	0 34	0n 1	3 0	1 53	1 44	3 14	1 19	20 10	0 41	6 56	2 42	23 58	0 23	1 37	1 55	30 56	12 2	11 54	12 17	23 7		n.a.
T 26	12 23	9 22	0s31	0 36	2 57	1 24	1 45	3 15	1 16	20 9	0 41	6 56	2 42	23 58	0 23	1 37	1 55	30 56	12 1	11 54	12 18	23 4		n.a.
W27	12 43	3 41	1 35	1 12	2 54	0 56	1 45	3 15	1 13	20 8	0 41	6 57	2 42	23 58	0 23	1 38	1 55	30 56	12 1	11 55	12 19	23 2		n.a.
T 28	13 3	2s16	2 36	1 49	2 49	0 27	1 45	3 15	1 10	20 7	0 40	6 58	2 42	23 58	0 23	1 38	1 55	30 55	12 1	11 56	12 20	23 0		n.a.
F 29	13 23	8 17	3 30	2 27	2 45	0n 1	1 45	3 15	1 7	20 6	0 40	6 59	2 42	23 58	0 23	1 39	1 55	30 55	12 1	11 58	12 21	22 58		n.a.
S 30	13n42	14s 5	4s15	3n 7	2s39	0n30	1s45	3n15	1n 4	20s 5	0n40	7n 0	2n41	23s58	0s23	1n39	1n55	30n55	12n 0	12s 1	12s22	22n56		n.a.

Julian Day Number = 1713477.5, Delta T = 02h59m33s
Ecliptic obliquity = 23°42'00, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°21'45, Lahiri = - 4°14'45 Julian Calendar 1 Apr. 22 BCE == Greg. Calendar 30 March 022 BCE

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ASTRODIENST EPHEMERIS for the year 22 BCE
geocentric

MAY 22 BCE (-21) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 23 59	7♉ 3'08	9♏37	15♈30	6♈27	24°R17	1°R40	18°R38	5°R31	0°R13	4♌42	28°R37	27♒44	29♋23	n.a.	S 1
M 2	14 27 55	8° 0'31	23°32	17° 5	7°39	24♏13	1♐33	18♏36	5♑30	0♎12	4°42	28♒26	27°41	29°30	n.a.	M 2
T 3	14 31 52	8°57'53	7♐40	18°42	8°50	24°10	1°27	18°34	5°29	0°11	4°43	28°16	27°38	29°37	n.a.	T 3
W 4	14 35 48	9°55'14	21°56	20°21	10° 2	24° 8	1°20	18°32	5°28	0°10	4°43	28° 7	27°34	29°43	n.a.	W 4
T 5	14 39 45	10°52'34	6♑15	22° 3	11°14	24° 6	1°14	18°30	5°27	0° 8	4°43	28° 1	27°31	29°50	n.a.	T 5
F 6	14 43 42	11°49'54	20°33	23°48	12°26	24°D 6	1° 7	18°28	5°26	0° 7	4°44	27°58	27°28	29°57	n.a.	F 6
S 7	14 47 38	12°47'13	4♒46	25°35	13°38	24° 6	1° 0	18°27	5°25	0° 6	4°44	27°56	27°25	0♌ 3	n.a.	S 7
S 8	14 51 35	13°44'31	18°53	27°24	14°50	24° 7	0°53	18°25	5°24	0° 5	4°45	27°D56	27°22	0°10	n.a.	S 8
M 9	14 55 31	14°41'48	2♓52	29°15	16° 1	24° 8	0°46	18°23	5°23	0° 4	4°46	27°R56	27°18	0°17	n.a.	M 9
T 10	14 59 28	15°39'06	16°45	1♉ 9	17°13	24°11	0°39	18°22	5°21	0° 3	4°46	27°55	27°15	0°23	n.a.	T 10
W11	15 3 24	16°36'22	0♈29	3° 5	18°25	24°14	0°32	18°20	5°20	0° 2	4°47	27°52	27°12	0°30	n.a.	W11
T 12	15 7 21	17°33'38	14° 4	5° 4	19°37	24°18	0°25	18°19	5°19	0° 1	4°48	27°46	27° 9	0°37	n.a.	T 12
F 13	15 11 17	18°30'54	27°29	7° 4	20°49	24°23	0°18	18°18	5°17	0° 0	4°48	27°37	27° 6	0°43	n.a.	F 13
S 14	15 15 14	19°28'08	10♉42	9° 7	22° 2	24°28	0°10	18°17	5°16	29♏59	4°49	27°26	27° 3	0°50	n.a.	S 14
S 15	15 19 11	20°25'23	23°42	11°11	23°14	24°34	0° 3	18°16	5°15	29°58	4°50	27°14	26°59	0°56	n.a.	S 15
M16	15 23 7	21°22'37	6♊27	13°17	24°26	24°41	29♏55	18°15	5°13	29°57	4°50	27° 1	26°56	1° 3	n.a.	M16
T 17	15 27 4	22°19'50	18°57	15°25	25°38	24°49	29°48	18°14	5°12	29°57	4°51	26°49	26°53	1°10	n.a.	T 17
W18	15 31 0	23°17'02	1♋12	17°33	26°50	24°58	29°40	18°13	5°10	29°56	4°52	26°39	26°50	1°16	n.a.	W18
T 19	15 34 57	24°14'14	13°16	19°43	28° 2	25° 7	29°33	18°13	5° 8	29°55	4°53	26°31	26°47	1°23	n.a.	T 19
F 20	15 38 53	25°11'25	25°10	21°54	29°14	25°17	29°25	18°12	5° 7	29°54	4°54	26°26	26°44	1°30	n.a.	F 20
S 21	15 42 50	26° 8'35	6♌59	24° 5	0♉27	25°27	29°17	18°12	5° 5	29°53	4°55	26°24	26°40	1°36	n.a.	S 21
S 22	15 46 47	27° 5'45	18°48	26°17	1°39	25°38	29°10	18°12	5° 3	29°53	4°56	26°23	26°37	1°43	n.a.	S 22
M23	15 50 43	28° 2'54	0♍41	28°28	2°51	25°50	29° 2	18°11	5° 2	29°52	4°57	26°23	26°34	1°50	n.a.	M23
T 24	15 54 40	29° 0'02	12°45	0♊39	4° 4	26° 3	28°54	18°11	5° 0	29°51	4°58	26°22	26°31	1°56	n.a.	T 24
W25	15 58 36	29°57'09	25° 5	2°50	5°16	26°16	28°47	18°D11	4°58	29°51	4°59	26°21	26°28	2° 3	n.a.	W25
T 26	16 2 33	0♊54'16	7♎44	5° 0	6°28	26°29	28°39	18°11	4°56	29°50	5° 0	26°17	26°24	2°10	n.a.	T 26
F 27	16 6 29	1°51'23	20°48	7° 8	7°41	26°44	28°31	18°12	4°54	29°49	5° 1	26°10	26°21	2°16	n.a.	F 27
S 28	16 10 26	2°48'29	4♏17	9°16	8°53	26°59	28°24	18°12	4°52	29°49	5° 2	26° 2	26°18	2°23	n.a.	S 28
S 29	16 14 22	3°45'35	18°12	11°22	10° 6	27°14	28°16	18°12	4°51	29°48	5° 3	25°51	26°15	2°30	n.a.	S 29
M30	16 18 19	4°42'41	2♐28	13°27	11°18	27°30	28° 9	18°13	4°49	29°48	5° 4	25°40	26°12	2°36	n.a.	M30
T 31	16 22 16	5♊39'46	17♐ 0	15♊30	12♉31	27♏47	28♏ 1	18♏13	4♑47	29♏47	5♌ 5	25♒29	26♒ 9	2♌43	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat	
S 1	14n 1	19s21	4s46	3n49	2s34	0n59	1s45	3n14	1n 2	20s 4	0n40	7n 0	2n41	23s58	0s23	1n40	1n55	30n54	12n 0	12s 5	12s23	22n54			n.a.	S 1
M 2	14 20	23 43	5 1	4 31	2 27	1 27	1 45	3 13	0 59	20 2	0 40	7 1	2 41	23 58	0 23	1 40	1 54	30 54	12 0	12 9	12 25	22 51			n.a.	M 2
T 3	14 38	26 44	4 58	5 15	2 20	1 56	1 45	3 12	0 56	20 1	0 40	7 2	2 41	23 58	0 23	1 40	1 54	30 54	11 59	12 12	12 26	22 49			n.a.	T 3
W 4	14 57	28 3	4 37	6 0	2 13	2 25	1 45	3 10	0 53	20 0	0 40	7 2	2 41	23 58	0 23	1 41	1 54	30 53	11 59	12 15	12 27	22 47			n.a.	W 4
T 5	15 15	27 31	3 58	6 45	2 5	2 53	1 45	3 8	0 50	19 59	0 40	7 3	2 40	23 58	0 23	1 41	1 54	30 53	11 59	12 17	12 28	22 45			n.a.	T 5
F 6	15 33	25 9	3 4	7 32	1 56	3 22	1 44	3 6	0 48	19 57	0 40	7 4	2 40	23 59	0 23	1 42	1 54	30 52	11 58	12 19	12 29	22 43			n.a.	F 6
S 7	15 51	21 13	2 0	8 20	1 47	3 51	1 44	3 3	0 45	19 56	0 40	7 4	2 40	23 59	0 23	1 42	1 54	30 52	11 58	12 19	12 30	22 40			n.a.	S 7
S 8	16 8	16 5	0 48	9 8	1 38	4 19	1 43	3 0	0 42	19 55	0 40	7 5	2 40	23 59	0 23	1 43	1 54	30 51	11 58	12 19	12 31	22 38			n.a.	S 8
M 9	16 25	10 9	0n26	9 57	1 29	4 48	1 42	2 57	0 39	19 53	0 40	7 5	2 40	23 59	0 23	1 43	1 54	30 51	11 58	12 19	12 32	22 36			n.a.	M 9
T 10	16 42	3 47	1 38	10 46	1 19	5 16	1 42	2 54	0 37	19 52	0 40	7 5	2 39	23 59	0 23	1 43	1 54	30 51	11 57	12 20	12 33	22 34			n.a.	T 10
W11	16 59	2n41	2 43	11 36	1 8	5 45	1 41	2 50	0 34	19 51	0 39	7 6	2 39	23 59	0 23	1 44	1 54	30 50	11 57	12 21	12 35	22 31			n.a.	W11
T 12	17 15	8 57	3 38	12 27	0 58	6 13	1 40	2 46	0 32	19 49	0 39	7 6	2 39	23 59	0 23	1 44	1 54	30 50	11 57	12 23	12 36	22 29			n.a.	T 12
F 13	17 31	14 44	4 20	13 17	0 47	6 41	1 39	2 42	0 29	19 48	0 39	7 6	2 39	23 59	0 24	1 44	1 54	30 49	11 57	12 26	12 37	22 27			n.a.	F 13
S 14	17 47	19 45	4 48	14 7	0 36	7 9	1 38	2 37	0 26	19 46	0 39	7 6	2 38	23 59	0 24	1 45	1 54	30 49	11 56	12 30	12 38	22 25			n.a.	S 14
S 15	18 3	23 44	5 0	14 57	0 26	7 37	1 37	2 33	0 24	19 45	0 39	7 7	2 38	23 59	0 24	1 45	1 54	30 48	11 56	12 34	12 39	22 22			n.a.	S 15
M16	18 18	26 29	4 56	15 46	0 15	8 5	1 36	2 28	0 22	19 43	0 39	7 7	2 38	23 59	0 24	1 45	1 54	30 48	11 56	12 38	12 40	22 20			n.a.	M16
T 17	18 33	27 52	4 39	16 34	0 4	8 32	1 35	2 22	0 19	19 42	0 39	7 7	2 38	23 59	0 24	1 46	1 54	30 47	11 55	12 43	12 41	22 18			n.a.	T 17
W18	18 48	27 50	4 8	17 22	0n 7	9 0	1 34	2 17	0 17	19 40	0 39	7 7	2 38	23 59	0 24	1 46	1 54	30 47	11 55	12 46	12 42	22 16			n.a.	W18
T 19	19 2	26 28	3 27	18 8	0 18	9 27	1 32	2 11	0 14	19 39	0 38	7 7	2 37	24 0	0 24	1 46	1 54	30 47	11 55	12 49	12 43	22 13			n.a.	T 19
F 20	19 16	23 54	2 37	18 53	0 28	9 54	1 31	2 5	0 12	19 37	0 38	7 7	2 37	24 0	0 24	1 46	1 54	30 46	11 55	12 50	12 44	22 11			n.a.	F 20
S 21	19 30	20 21	1 41	19 37	0 38	10 21	1 30	1 59	0 10	19 36	0 38	7 7	2 37	24 0	0 24	1 47	1 54	30 46	11 54	12 51	12 45	22 9			n.a.	S 21
S 22	19 43	15 59	0 40	20 18	0 47	10 48	1 28	1 52	0 7	19 34	0 38	7 7	2 37	24 0	0 24	1 47	1 54	30 45	11 54	12 52	12 47	22 6			n.a.	S 22
M23	19 56	11 0	0s23	20 57	0 57	11 14	1 27	1 45	0 5	19 33	0 38	7 7	2 36	24 0	0 24	1 47	1 54	30 45	11 54	12 52	12 48	22 4			n.a.	M23
T 24	20 9	5 32	1 26	21 34	1 5	11 41	1 25	1 38	0 3	19 31	0 38	7 7	2 36	24 0	0 24	1 47	1 54	30 44	11 54	12 52	12 49	22 2			n.a.	T 24
W25	20 22	0s15	2 26	22 9	1 13	12 6	1 24	1 31	0 1	19 30	0 38	7 6	2 36	24 0	0 24	1 48	1 53	30 44	11 53	12 52	12 50	22 0			n.a.	W25
T 26	20 34	6 10	3 20	22 41	1 21	12 32	1 22	1 23	0s 1	19 28	0 38	7 6	2 36	24 0	0 24	1 48	1 53	30 43	11 53	12 54	12 51	21 57			n.a.	T 26
F 27	20 45	12 0	4 6	23 11	1 28	12 58	1 20	1 16	0 3	19 26	0 37	7 6	2 35	24 0	0 24	1 48	1 53	30 43	11 53	12 56	12 52	21 55			n.a.	F 27
S 28	20 57	17 28	4 40	23 37	1 34	13 23	1 18	1 8	0 5	19 25	0 37	7 5	2 35	24 0	0 24	1 48	1 53	30 42	11 53	12 59	12 53	21 53			n.a.	S 28
S 29	21 8	22 12	4 58	24 1	1 39	13 48	1 17	1 0	0 7	19 23	0 37	7 5	2 35	24 0	0 24	1 48	1 53	30 41	11 52	13 2	12 54	21 50			n.a.	S 29
M30	21 19	25 45	4 59	24 23	1 44	14 12	1 15	0 52	0 9	19 22	0 37	7 5	2 35	24 1	0 24	1 49	1 53	30 41	11 52	13 6	12 55	21 48			n.a.	M30
T 31	21n29	27s42	4s40	24n41	1n48	14n36	1s13	0n43	0s11	19s20	0n37	7n 4	2n34	24s 1	0s24	1n49	1n53	30n40	11n52	13s10	12s56	21n46			n.a.	T 31

Julian Day Number = 1713507.5, Delta T = 02h59m32s
Ecliptic obliquity = 23°41'59, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°21'41, Lahiri = - 4°14'41 Julian Calendar 1 May 22 BCE == Greg. Calendar 29 Apr. 022 BCE

The year -21 astronomical counting style corresponds to year 022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 22 BCE
geocentric

JUNE 22 BCE (-21) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 26 12	6♊36'52	1♉41	17♊31	13♉43	28♍ 4	27°R54	18♍14	4°R45	29°R47	5♌ 7	25°R20	26♒ 5	2♌50	n.a.	W 1
T 2	16 30 9	7°33'58	16°24	19°31	14°56	28°22	27♏46	18°15	4♉43	29♍47	5° 8	25♒13	26° 2	2°56	n.a.	T 2
F 3	16 34 5	8°31'03	1♒ 1	21°28	16° 8	28°40	27°39	18°16	4°41	29°46	5° 9	25° 9	25°59	3° 3	n.a.	F 3
S 4	16 38 2	9°28'09	15°28	23°24	17°21	28°59	27°31	18°17	4°38	29°46	5°10	25° 7	25°56	3°10	n.a.	S 4
S 5	16 41 58	10°25'16	29°41	25°17	18°34	29°18	27°24	18°18	4°36	29°46	5°12	25°D 7	25°53	3°16	n.a.	S 5
M 6	16 45 55	11°22'22	13♓40	27° 9	19°46	29°38	27°17	18°19	4°34	29°45	5°13	25°R 7	25°50	3°23	n.a.	M 6
T 7	16 49 51	12°19'29	27°24	28°59	20°59	29°58	27°10	18°20	4°32	29°45	5°14	25° 7	25°46	3°30	n.a.	T 7
W 8	16 53 48	13°16'37	10♈53	0♋46	22°12	0♎19	27° 2	18°21	4°30	29°45	5°16	25° 4	25°43	3°36	n.a.	W 8
T 9	16 57 45	14°13'45	24°10	2°32	23°24	0°40	26°55	18°23	4°28	29°45	5°17	24°59	25°40	3°43	n.a.	T 9
F 10	17 1 41	15°10'53	7♉14	4°16	24°37	1° 2	26°48	18°24	4°26	29°45	5°18	24°51	25°37	3°50	n.a.	F 10
S 11	17 5 38	16° 8'02	20° 6	5°57	25°50	1°24	26°42	18°26	4°23	29°44	5°20	24°41	25°34	3°56	n.a.	S 11
S 12	17 9 34	17° 5'11	2♊46	7°37	27° 3	1°47	26°35	18°28	4°21	29°44	5°21	24°29	25°30	4° 3	n.a.	S 12
M13	17 13 31	18° 2'20	15°15	9°15	28°16	2°10	26°28	18°30	4°19	29°44	5°23	24°18	25°27	4°10	n.a.	M13
T 14	17 17 27	18°59'30	27°32	10°50	29°29	2°33	26°21	18°32	4°16	29°D44	5°24	24° 7	25°24	4°16	n.a.	T 14
W15	17 21 24	19°56'41	9♋38	12°24	0♊42	2°57	26°15	18°34	4°14	29°44	5°26	23°57	25°21	4°23	n.a.	W15
T 16	17 25 21	20°53'51	21°35	13°55	1°55	3°21	26° 9	18°36	4°12	29°44	5°27	23°50	25°18	4°30	n.a.	T 16
F 17	17 29 17	21°51'02	3♌25	15°25	3° 8	3°46	26° 2	18°38	4°10	29°45	5°29	23°46	25°15	4°36	n.a.	F 17
S 18	17 33 14	22°48'13	15°12	16°52	4°21	4°11	25°56	18°40	4° 7	29°45	5°30	23°44	25°11	4°43	n.a.	S 18
S 19	17 37 10	23°45'25	27° 0	18°17	5°34	4°37	25°50	18°43	4° 5	29°45	5°32	23°D43	25° 8	4°50	n.a.	S 19
M20	17 41 7	24°42'36	8♍52	19°40	6°47	5° 3	25°44	18°45	4° 3	29°45	5°33	23°44	25° 5	4°56	n.a.	M20
T 21	17 45 3	25°39'48	20°55	21° 1	8° 0	5°29	25°39	18°48	4° 0	29°45	5°35	23°R45	25° 2	5° 3	n.a.	T 21
W22	17 49 0	26°37'01	3♎13	22°20	9°13	5°56	25°33	18°50	3°58	29°45	5°37	23°45	24°59	5° 9	n.a.	W22
T 23	17 52 56	27°34'13	15°52	23°37	10°26	6°23	25°27	18°53	3°55	29°46	5°38	23°43	24°56	5°16	n.a.	T 23
F 24	17 56 53	28°31'26	28°55	24°51	11°40	6°50	25°22	18°56	3°53	29°46	5°40	23°39	24°52	5°23	n.a.	F 24
S 25	18 0 50	29°28'40	12♏27	26° 2	12°53	7°18	25°17	18°59	3°51	29°46	5°42	23°34	24°49	5°29	n.a.	S 25
S 26	18 4 46	0♋25'54	26°26	27°12	14° 6	7°46	25°12	19° 2	3°48	29°47	5°43	23°26	24°46	5°36	n.a.	S 26
M27	18 8 43	1°23'09	10♐51	28°19	15°19	8°14	25° 7	19° 5	3°46	29°47	5°45	23°18	24°43	5°43	n.a.	M27
T 28	18 12 39	2°20'24	25°37	29°23	16°33	8°43	25° 2	19° 8	3°43	29°48	5°47	23°11	24°40	5°49	n.a.	T 28
W29	18 16 36	3°17'41	10♑37	0♌24	17°46	9°12	24°58	19°11	3°41	29°48	5°49	23° 4	24°36	5°56	n.a.	W29
T 30	18 20 32	4♋14'58	25♑40	1♌23	19♊ 0	9♎41	24♏53	19♍15	3♉39	29♍48	5♌50	23♒ 0	24♒33	6♌ 3	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n39	27s44	4s 3	24n57	1n51	15n 0	1s11	0n34	0s13	19s19	0n37	7n 4	2n34	24s 1	0s24	1n49	1n53	30n40	11n52	13s13	12s57	21n43		n.a.
T 2	21 49	25 49	3 10	25 10	1 54	15 24	1 9	0 25	0 15	19 17	0 36	7 3	2 34	24 1	0 24	1 49	1 53	30 39	11 51	13 15	12 59	21 41		n.a.
F 3	21 58	22 10	2 4	25 21	1 56	15 47	1 7	0 16	0 17	19 16	0 36	7 3	2 34	24 1	0 24	1 49	1 53	30 39	11 51	13 17	13 0	21 39		n.a.
S 4	22 7	17 11	0 51	25 29	1 57	16 10	1 5	0 7	0 19	19 14	0 36	7 2	2 34	24 1	0 24	1 49	1 53	30 38	11 51	13 17	13 1	21 36		n.a.
S 5	22 15	11 20	0n24	25 34	1 58	16 32	1 2	0s 2	0 21	19 13	0 36	7 1	2 33	24 1	0 24	1 49	1 53	30 38	11 51	13 17	13 2	21 34		n.a.
M 6	22 23	5 0	1 37	25 38	1 58	16 54	1 0	0 12	0 23	19 11	0 36	7 1	2 33	24 1	0 24	1 49	1 53	30 37	11 51	13 17	13 3	21 31		n.a.
T 7	22 31	1n26	2 42	25 39	1 57	17 16	0 58	0 22	0 24	19 10	0 36	7 0	2 33	24 1	0 24	1 49	1 53	30 37	11 50	13 18	13 4	21 29		n.a.
W 8	22 38	7 41	3 38	25 37	1 55	17 37	0 56	0 31	0 26	19 8	0 35	6 59	2 33	24 1	0 24	1 49	1 53	30 36	11 50	13 18	13 5	21 27		n.a.
T 9	22 45	13 30	4 20	25 34	1 53	17 58	0 54	0 42	0 28	19 7	0 35	6 58	2 32	24 1	0 24	1 49	1 53	30 35	11 50	13 20	13 6	21 24		n.a.
F 10	22 52	18 36	4 48	25 29	1 51	18 18	0 51	0 52	0 29	19 5	0 35	6 58	2 32	24 2	0 24	1 49	1 53	30 35	11 50	13 23	13 7	21 22		n.a.
S 11	22 58	22 47	5 1	25 21	1 48	18 38	0 49	1 2	0 31	19 4	0 35	6 57	2 32	24 2	0 24	1 49	1 53	30 34	11 50	13 26	13 8	21 19		n.a.
S 12	23 4	25 50	4 59	25 12	1 44	18 57	0 47	1 13	0 33	19 2	0 35	6 56	2 32	24 2	0 24	1 49	1 52	30 34	11 49	13 30	13 9	21 17		n.a.
M13	23 9	27 33	4 43	25 2	1 39	19 16	0 44	1 24	0 34	19 1	0 35	6 55	2 31	24 2	0 24	1 49	1 52	30 33	11 49	13 34	13 10	21 15		n.a.
T 14	23 14	27 54	4 13	24 49	1 35	19 35	0 42	1 34	0 36	19 0	0 34	6 54	2 31	24 2	0 24	1 49	1 52	30 33	11 49	13 38	13 12	21 12		n.a.
W15	23 19	26 53	3 33	24 36	1 29	19 52	0 40	1 45	0 38	18 58	0 34	6 53	2 31	24 2	0 24	1 49	1 52	30 32	11 49	13 41	13 13	21 10		n.a.
T 16	23 23	24 38	2 43	24 21	1 23	20 10	0 37	1 57	0 39	18 57	0 34	6 52	2 31	24 2	0 24	1 49	1 52	30 31	11 49	13 43	13 14	21 7		n.a.
F 17	23 27	21 19	1 46	24 4	1 17	20 27	0 35	2 8	0 41	18 56	0 34	6 51	2 30	24 2	0 24	1 49	1 52	30 31	11 49	13 45	13 15	21 5		n.a.
S 18	23 30	17 10	0 45	23 47	1 10	20 43	0 32	2 19	0 42	18 54	0 34	6 50	2 30	24 2	0 24	1 49	1 52	30 30	11 48	13 45	13 16	21 3		n.a.
S 19	23 33	12 22	0s18	23 28	1 3	20 59	0 30	2 31	0 44	18 53	0 33	6 48	2 30	24 2	0 24	1 49	1 52	30 30	11 48	13 45	13 17	21 0		n.a.
M20	23 36	7 5	1 20	23 9	0 55	21 14	0 27	2 43	0 45	18 52	0 33	6 47	2 30	24 2	0 24	1 49	1 52	30 29	11 48	13 45	13 18	20 58		n.a.
T 21	23 38	1 29	2 21	22 48	0 47	21 28	0 25	2 55	0 46	18 51	0 33	6 46	2 29	24 2	0 24	1 48	1 52	30 29	11 48	13 45	13 19	20 55		n.a.
W22	23 39	4s17	3 16	22 27	0 38	21 42	0 22	3 6	0 48	18 50	0 33	6 45	2 29	24 3	0 24	1 48	1 52	30 28	11 48	13 45	13 20	20 53		n.a.
T 23	23 41	10 2	4 3	22 5	0 29	21 56	0 20	3 19	0 49	18 48	0 33	6 43	2 29	24 3	0 24	1 48	1 52	30 27	11 48	13 46	13 21	20 50		n.a.
F 24	23 41	15 33	4 39	21 43	0 20	22 9	0 17	3 31	0 50	18 47	0 32	6 42	2 29	24 3	0 24	1 48	1 52	30 27	11 47	13 47	13 22	20 48		n.a.
S 25	23 42	20 30	5 1	21 20	0 10	22 21	0 15	3 43	0 52	18 46	0 32	6 41	2 29	24 3	0 24	1 48	1 52	30 26	11 47	13 49	13 23	20 45		n.a.
S 26	23 42	24 31	5 6	20 57	0 0	22 32	0 12	3 55	0 53	18 45	0 32	6 39	2 28	24 3	0 24	1 48	1 52	30 26	11 47	13 51	13 24	20 43		n.a.
M27	23 42	27 8	4 53	20 33	0s10	22 43	0 10	4 8	0 54	18 44	0 32	6 38	2 28	24 3	0 24	1 47	1 52	30 25	11 47	13 54	13 26	20 40		n.a.
T 28	23 41	27 57	4 19	20 10	0 21	22 53	0 7	4 21	0 56	18 43	0 32	6 36	2 28	24 3	0 24	1 47	1 52	30 25	11 47	13 56	13 27	20 38		n.a.
W29	23 39	26 43	3 28	19 46	0 32	23 3	0 5	4 33	0 57	18 42	0 31	6 35	2 28	24 3	0 24	1 47	1 51	30 24	11 47	13 58	13 28	20 35		n.a.
T 30	23n38	23s34	2s22	19n22	0s43	23n12	0s 2	4s46	0s58	18s41	0n31	6n33	2n27	24s 3	0s24	1n47	1n51	30n23	11n47	14s 0	13s29	20n33		n.a.

Julian Day Number = 1713538.5, Delta T = 02h59m31s
Ecliptic obliquity = 23°41'58, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°21'37, Lahiri = - 4°14'37 Julian Calendar 1 June 22 BCE == Greg. Calendar 30 May 022 BCE

The year -21 astronomical counting style corresponds to year 022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 22 BCE
geocentric

JULY 22 BCE (-21) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 24 29	5♋12'16	10♒38	2♌18	20♊13	10♎11	24°R49	19♍18	3°R36	29♍49	5♌52	22°R57	24♒30	6♌ 9	n.a.	F 1
S 2	18 28 25	6° 9'35	25°24	3°11	21°26	10°41	24♏45	19°22	3♑34	29°50	5°54	22°D57	24°27	6°16	n.a.	S 2
S 3	18 32 22	7° 6'55	9♓51	4° 0	22°40	11°11	24°41	19°25	3°31	29°50	5°56	22♒57	24°24	6°23	n.a.	S 3
M 4	18 36 19	8° 4'17	23°59	4°46	23°53	11°42	24°37	19°29	3°29	29°51	5°58	22°59	24°21	6°29	n.a.	M 4
T 5	18 40 15	9° 1'40	7♈45	5°29	25° 7	12°13	24°33	19°33	3°27	29°51	5°59	22°R59	24°17	6°36	n.a.	T 5
W 6	18 44 12	9°59'04	21°10	6° 8	26°21	12°44	24°30	19°37	3°24	29°52	6° 1	22°59	24°14	6°43	n.a.	W 6
T 7	18 48 8	10°56'29	4♉17	6°43	27°34	13°15	24°26	19°41	3°22	29°53	6° 3	22°56	24°11	6°49	n.a.	T 7
F 8	18 52 5	11°53'56	17° 8	7°14	28°48	13°47	24°23	19°45	3°19	29°54	6° 5	22°52	24° 8	6°56	n.a.	F 8
S 9	18 56 1	12°51'25	29°44	7°40	0♋ 2	14°19	24°20	19°49	3°17	29°54	6° 7	22°47	24° 5	7° 3	n.a.	S 9
S 10	18 59 58	13°48'54	12♊ 8	8° 2	1°15	14°51	24°18	19°53	3°15	29°55	6° 9	22°40	24° 2	7° 9	n.a.	S 10
M11	19 3 54	14°46'26	24°22	8°20	2°29	15°24	24°15	19°57	3°12	29°56	6°11	22°33	23°58	7°16	n.a.	M11
T 12	19 7 51	15°43'58	6♋26	8°33	3°43	15°57	24°13	20° 2	3°10	29°57	6°13	22°27	23°55	7°23	n.a.	T 12
W13	19 11 48	16°41'32	18°23	8°40	4°57	16°30	24°10	20° 6	3° 8	29°58	6°14	22°21	23°52	7°29	n.a.	W13
T 14	19 15 44	17°39'06	0♌14	8°R43	6°11	17° 3	24° 8	20°10	3° 5	29°59	6°16	22°18	23°49	7°36	n.a.	T 14
F 15	19 19 41	18°36'43	12° 2	8°40	7°24	17°36	24° 6	20°15	3° 3	29°59	6°18	22°15	23°46	7°43	n.a.	F 15
S 16	19 23 37	19°34'20	23°48	8°31	8°38	18°10	24° 5	20°20	3° 1	0♎ 1	6°20	22°D15	23°42	7°49	n.a.	S 16
S 17	19 27 34	20°31'58	5♍36	8°17	9°52	18°44	24° 3	20°24	2°59	0° 2	6°22	22°16	23°39	7°56	n.a.	S 17
M18	19 31 30	21°29'38	17°30	7°58	11° 6	19°19	24° 2	20°29	2°56	0° 3	6°24	22°17	23°36	8° 2	n.a.	M18
T 19	19 35 27	22°27'19	29°34	7°33	12°20	19°53	24° 1	20°34	2°54	0° 4	6°26	22°19	23°33	8° 9	n.a.	T 19
W20	19 39 23	23°25'01	11♎51	7° 2	13°34	20°28	24° 0	20°39	2°52	0° 5	6°28	22°20	23°30	8°16	n.a.	W20
T 21	19 43 20	24°22'44	24°28	6°27	14°48	21° 3	23°59	20°44	2°50	0° 6	6°30	22°R21	23°27	8°22	n.a.	T 21
F 22	19 47 17	25°20'28	7♏27	5°47	16° 2	21°38	23°59	20°49	2°48	0° 7	6°32	22°20	23°23	8°29	n.a.	F 22
S 23	19 51 13	26°18'14	20°53	5° 2	17°16	22°13	23°58	20°54	2°45	0° 8	6°34	22°18	23°20	8°36	n.a.	S 23
S 24	19 55 10	27°16'01	4♐47	4°14	18°31	22°49	23°D58	20°59	2°43	0°10	6°36	22°16	23°17	8°42	n.a.	S 24
M25	19 59 6	28°13'49	19° 8	3°23	19°45	23°25	23°58	21° 4	2°41	0°11	6°38	22°13	23°14	8°49	n.a.	M25
T 26	20 3 3	29°11'39	3♑54	2°30	20°59	24° 1	23°58	21°10	2°39	0°12	6°40	22° 9	23°11	8°56	n.a.	T 26
W27	20 6 59	0♌ 9'30	18°57	1°36	22°13	24°37	23°59	21°15	2°37	0°13	6°42	22° 7	23° 8	9° 2	n.a.	W27
T 28	20 10 56	1° 7'23	4♒ 9	0°42	23°27	25°13	23°59	21°20	2°35	0°15	6°44	22° 5	23° 4	9° 9	n.a.	T 28
F 29	20 14 53	2° 5'17	19°21	29♋50	24°42	25°50	24° 0	21°26	2°33	0°16	6°46	22°D 4	23° 1	9°16	n.a.	F 29
S 30	20 18 49	3° 3'13	4♓22	28°59	25°56	26°27	24° 1	21°31	2°31	0°18	6°48	22° 5	22°58	9°22	n.a.	S 30
S 31	20 22 46	4♌ 1'11	19♓ 6	28♋12	27♋10	27♎ 3	24♏ 2	21♍37	2♑29	0♎19	6♌50	22♒ 6	22♒55	9♌29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n36	18s49	1s 6	18n58	0s55	23n20	0n 0	4s59	0s59	18s41	0n31	6n32	2n27	24s 3	0s24	1n46	1n51	30n23	11n47	14s 1	13s30	20n30		n.a.
S 2	23 33	12 59	0n13	18 35	1 7	23 28	0 3	5 12	1 0	18 40	0 31	6 30	2 27	24 3	0 24	1 46	1 51	30 22	11 46	14 1	13 31	20 28		n.a.
S 3	23 30	6 34	1 30	18 11	1 19	23 35	0 5	5 25	1 2	18 39	0 31	6 29	2 27	24 3	0 24	1 46	1 51	30 22	11 46	14 1	13 32	20 25		n.a.
M 4	23 27	0n 2	2 40	17 48	1 31	23 41	0 8	5 38	1 3	18 38	0 30	6 27	2 27	24 3	0 24	1 46	1 51	30 21	11 46	14 0	13 33	20 23		n.a.
T 5	23 23	6 27	3 39	17 26	1 43	23 47	0 10	5 51	1 4	18 38	0 30	6 25	2 26	24 4	0 24	1 45	1 51	30 20	11 46	14 0	13 34	20 20		n.a.
W 6	23 19	12 25	4 24	17 5	1 56	23 51	0 13	6 5	1 5	18 37	0 30	6 24	2 26	24 4	0 24	1 45	1 51	30 20	11 46	14 0	13 35	20 18		n.a.
T 7	23 15	17 41	4 54	16 44	2 8	23 56	0 15	6 18	1 6	18 36	0 30	6 22	2 26	24 4	0 24	1 45	1 51	30 19	11 46	14 1	13 36	20 15		n.a.
F 8	23 10	22 3	5 8	16 24	2 21	23 59	0 17	6 31	1 7	18 36	0 30	6 20	2 26	24 4	0 24	1 44	1 51	30 19	11 46	14 2	13 37	20 13		n.a.
S 9	23 4	25 19	5 8	16 5	2 33	24 2	0 20	6 45	1 8	18 35	0 29	6 18	2 26	24 4	0 24	1 44	1 51	30 18	11 46	14 4	13 38	20 10		n.a.
S 10	22 58	27 19	4 52	15 47	2 46	24 4	0 22	6 58	1 9	18 35	0 29	6 16	2 25	24 4	0 24	1 43	1 51	30 18	11 46	14 7	13 39	20 8		n.a.
M11	22 52	27 58	4 24	15 31	2 58	24 5	0 24	7 12	1 10	18 34	0 29	6 14	2 25	24 4	0 24	1 43	1 51	30 17	11 46	14 9	13 40	20 5		n.a.
T 12	22 46	27 16	3 44	15 16	3 10	24 6	0 27	7 26	1 11	18 34	0 29	6 13	2 25	24 4	0 24	1 43	1 51	30 16	11 46	14 11	13 42	20 3		n.a.
W13	22 39	25 18	2 54	15 3	3 22	24 5	0 29	7 40	1 12	18 34	0 28	6 11	2 25	24 4	0 24	1 42	1 51	30 16	11 46	14 13	13 43	20 0		n.a.
T 14	22 31	22 14	1 57	14 51	3 33	24 4	0 31	7 53	1 13	18 33	0 28	6 9	2 25	24 4	0 24	1 42	1 51	30 15	11 46	14 14	13 44	19 58		n.a.
F 15	22 23	18 16	0 56	14 41	3 44	24 3	0 34	8 7	1 14	18 33	0 28	6 7	2 24	24 4	0 24	1 41	1 51	30 15	11 46	14 15	13 45	19 55		n.a.
S 16	22 15	13 36	0s 9	14 34	3 54	24 1	0 36	8 21	1 15	18 33	0 28	6 5	2 24	24 4	0 24	1 41	1 51	30 14	11 46	14 15	13 46	19 53		n.a.
S 17	22 7	8 26	1 13	14 28	4 4	23 57	0 38	8 35	1 16	18 33	0 28	6 3	2 24	24 4	0 24	1 40	1 50	30 14	11 45	14 15	13 47	19 50		n.a.
M18	21 58	2 56	2 14	14 25	4 12	23 54	0 40	8 49	1 17	18 33	0 27	6 1	2 24	24 4	0 24	1 40	1 50	30 13	11 45	14 14	13 48	19 47		n.a.
T 19	21 48	2s44	3 11	14 24	4 20	23 49	0 42	9 3	1 17	18 32	0 27	5 59	2 24	24 4	0 24	1 40	1 50	30 13	11 45	14 13	13 49	19 45		n.a.
W20	21 39	8 24	4 0	14 25	4 26	23 44	0 44	9 17	1 18	18 32	0 27	5 56	2 24	24 4	0 24	1 39	1 50	30 12	11 45	14 13	13 50	19 42		n.a.
T 21	21 29	13 53	4 38	14 29	4 31	23 38	0 46	9 31	1 19	18 32	0 27	5 54	2 23	24 4	0 24	1 39	1 50	30 12	11 45	14 13	13 51	19 40		n.a.
F 22	21 18	18 56	5 4	14 36	4 35	23 31	0 48	9 45	1 20	18 32	0 27	5 52	2 23	24 5	0 24	1 38	1 50	30 11	11 45	14 13	13 52	19 37		n.a.
S 23	21 7	23 13	5 14	14 44	4 37	23 24	0 50	9 59	1 21	18 33	0 26	5 50	2 23	24 5	0 24	1 37	1 50	30 10	11 45	14 14	13 53	19 34		n.a.
S 24	20 56	26 21	5 7	14 56	4 37	23 16	0 52	10 14	1 22	18 33	0 26	5 48	2 23	24 5	0 24	1 37	1 50	30 10	11 45	14 14	13 54	19 32		n.a.
M25	20 44	27 55	4 41	15 9	4 35	23 7	0 54	10 28	1 22	18 33	0 26	5 45	2 23	24 5	0 24	1 36	1 50	30 9	11 45	14 16	13 55	19 29		n.a.
T 26	20 32	27 34	3 55	15 24	4 32	22 58	0 56	10 42	1 23	18 33	0 26	5 43	2 23	24 5	0 24	1 36	1 50	30 9	11 45	14 17	13 56	19 27		n.a.
W27	20 20	25 12	2 53	15 41	4 26	22 47	0 57	10 56	1 24	18 34	0 26	5 41	2 22	24 5	0 24	1 35	1 50	30 8	11 46	14 17	13 57	19 24		n.a.
T 28	20 8	21 0	1 37	16 0	4 19	22 36	0 59	11 10	1 25	18 34	0 25	5 39	2 22	24 5	0 24	1 35	1 50	30 8	11 46	14 18	13 58	19 21		n.a.
F 29	19 55	15 25	0 15	16 20	4 10	22 25	1 1	11 24	1 25	18 34	0 25	5 36	2 22	24 5	0 24	1 34	1 50	30 7	11 46	14 18	14 0	19 19		n.a.
S 30	19 41	8 58	1n 7	16 42	3 59	22 13	1 2	11 39	1 26	18 35	0 25	5 34	2 22	24 5	0 24	1 34	1 50	30 7	11 46	14 18	14 1	19 16		n.a.
S 31	19n28	2s 9	2n24	17n 3	3s46	22n 0	1n 4	11s53	1s27	18s35	0n25	5n32	2n22	24s 5	0s24	1n33	1n50	30n 6	11n46	14s18	14s 2	19n14		n.a.

Julian Day Number = 1713568.5, Delta T = 02h59m30s
Ecliptic obliquity = 23°41'58, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°21'33, Lahiri = - 4°14'32 Julian Calendar 1 July 22 BCE == Greg. Calendar 29 June 022 BCE

The year -21 astronomical counting style corresponds to year 022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 22 BCE
geocentric

AUGUST 22 BCE (-21) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 26 42	4♌59'11	3♈27	27°R30	28♋25	27♎41	24♏ 3	21♍42	2°R27	0♎20	6♌52	22♒ 7	22♒52	9♌36	n.a.	M 1
T 2	20 30 39	5°57'12	17°22	26♋53	29°39	28°18	24° 5	21°48	2♉25	0°22	6°54	22° 8	22°48	9°42	n.a.	T 2
W 3	20 34 35	6°55'16	0♉53	26°22	0♌53	28°55	24° 7	21°54	2°24	0°23	6°56	22°R 9	22°45	9°49	n.a.	W 3
T 4	20 38 32	7°53'22	13°59	25°58	2° 8	29°33	24° 8	22° 0	2°22	0°25	6°58	22° 9	22°42	9°56	n.a.	T 4
F 5	20 42 28	8°51'30	26°45	25°42	3°22	0♏11	24°11	22° 6	2°20	0°26	7° 0	22° 8	22°39	10° 2	n.a.	F 5
S 6	20 46 25	9°49'40	9♊13	25°D35	4°37	0°49	24°13	22°12	2°18	0°28	7° 2	22° 7	22°36	10° 9	n.a.	S 6
S 7	20 50 21	10°47'53	21°27	25°35	5°51	1°27	24°15	22°17	2°16	0°30	7° 4	22° 5	22°33	10°15	n.a.	S 7
M 8	20 54 18	11°46'07	3♋30	25°45	7° 6	2° 5	24°18	22°24	2°15	0°31	7° 6	22° 4	22°29	10°22	n.a.	M 8
T 9	20 58 15	12°44'23	15°26	26° 3	8°20	2°44	24°21	22°30	2°13	0°33	7° 8	22° 2	22°26	10°29	n.a.	T 9
W10	21 2 11	13°42'42	27°16	26°30	9°35	3°23	24°24	22°36	2°12	0°34	7°10	22° 1	22°23	10°35	n.a.	W10
T 11	21 6 8	14°41'02	9♌ 3	27° 5	10°50	4° 2	24°27	22°42	2°10	0°36	7°12	22° 1	22°20	10°42	n.a.	T 11
F 12	21 10 4	15°39'24	20°51	27°49	12° 4	4°41	24°30	22°48	2° 8	0°38	7°15	22°D 0	22°17	10°49	n.a.	F 12
S 13	21 14 1	16°37'48	2♍40	28°40	13°19	5°20	24°34	22°54	2° 7	0°40	7°17	22° 0	22°14	10°55	n.a.	S 13
S 14	21 17 57	17°36'14	14°33	29°39	14°34	5°59	24°37	23° 1	2° 5	0°41	7°19	22° 1	22°10	11° 2	n.a.	S 14
M15	21 21 54	18°34'42	26°34	0♌46	15°48	6°39	24°41	23° 7	2° 4	0°43	7°21	22° 1	22° 7	11° 9	n.a.	M15
T 16	21 25 50	19°33'11	8♎43	1°58	17° 3	7°18	24°45	23°13	2° 3	0°45	7°23	22° 2	22° 4	11°15	n.a.	T 16
W17	21 29 47	20°31'42	21° 6	3°17	18°18	7°58	24°49	23°20	2° 1	0°47	7°25	22° 2	22° 1	11°22	n.a.	W17
T 18	21 33 44	21°30'15	3♏44	4°41	19°33	8°38	24°54	23°26	2° 0	0°48	7°26	22° 2	21°58	11°29	n.a.	T 18
F 19	21 37 40	22°28'50	16°41	6°10	20°47	9°18	24°58	23°33	1°59	0°50	7°28	22° 2	21°54	11°35	n.a.	F 19
S 20	21 41 37	23°27'27	0♐ 1	7°44	22° 2	9°58	25° 3	23°39	1°58	0°52	7°30	22° 2	21°51	11°42	n.a.	S 20
S 21	21 45 33	24°26'06	13°44	9°21	23°17	10°39	25° 8	23°46	1°56	0°54	7°32	22° 2	21°48	11°49	n.a.	S 21
M22	21 49 30	25°24'46	27°53	11° 1	24°32	11°19	25°13	23°53	1°55	0°56	7°34	22° 2	21°45	11°55	n.a.	M22
T 23	21 53 26	26°23'28	12♑25	12°44	25°47	12° 0	25°18	23°59	1°54	0°58	7°36	22° 3	21°42	12° 2	n.a.	T 23
W24	21 57 23	27°22'12	27°16	14°28	27° 1	12°41	25°24	24° 6	1°53	1° 0	7°38	22° 3	21°39	12° 9	n.a.	W24
T 25	22 1 19	28°20'58	12♒21	16°15	28°16	13°21	25°29	24°13	1°52	1° 2	7°40	22° 3	21°35	12°15	n.a.	T 25
F 26	22 5 16	29°19'45	27°31	18° 3	29°31	14° 2	25°35	24°19	1°51	1° 4	7°42	22°R 3	21°32	12°22	n.a.	F 26
S 27	22 9 13	0♍18'35	12♓37	19°52	0♍46	14°44	25°41	24°26	1°50	1° 6	7°44	22° 3	21°29	12°28	n.a.	S 27
S 28	22 13 9	1°17'27	27°29	21°41	2° 1	15°25	25°47	24°33	1°49	1° 8	7°46	22° 2	21°26	12°35	n.a.	S 28
M29	22 17 6	2°16'21	12♈ 1	23°31	3°16	16° 6	25°53	24°40	1°49	1°10	7°48	22° 1	21°23	12°42	n.a.	M29
T 30	22 21 2	3°15'17	26° 7	25°21	4°31	16°48	25°59	24°47	1°48	1°12	7°50	22° 0	21°20	12°48	n.a.	T 30
W31	22 24 59	4♍14'16	9♉46	27♌10	5♍46	17♏29	26♏ 6	24♍54	1♉47	1♎14	7♌51	21♒58	21♒16	12♌55	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	19n14	4n35	3n29	17n26	3s32	21n46	1n 6	12s 7	1s27	18s36	0n25	5n29	2n22	24s 5	0s24	1n32	1n50	30n 6	11n46	14s17	14s 3	19n11			n.a.
T 2	18 59	10 54	4 20	17 48	3 16	21 32	1 7	12 21	1 28	18 36	0 24	5 27	2 21	24 5	0 24	1 32	1 50	30 5	11 46	14 17	14 4	19 8			n.a.
W 3	18 45	16 30	4 55	18 10	3 0	21 17	1 8	12 35	1 28	18 37	0 24	5 24	2 21	24 5	0 24	1 31	1 50	30 5	11 46	14 17	14 5	19 6			n.a.
T 4	18 30	21 11	5 13	18 31	2 43	21 2	1 10	12 49	1 29	18 38	0 24	5 22	2 21	24 5	0 24	1 30	1 50	30 4	11 46	14 17	14 6	19 3			n.a.
F 5	18 14	24 45	5 16	18 52	2 25	20 46	1 11	13 3	1 30	18 38	0 24	5 19	2 21	24 5	0 24	1 30	1 50	30 4	11 46	14 17	14 7	19 0			n.a.
S 6	17 59	27 3	5 3	19 11	2 7	20 29	1 12	13 17	1 30	18 39	0 24	5 17	2 21	24 5	0 24	1 29	1 50	30 3	11 46	14 17	14 8	18 58			n.a.
S 7	17 43	28 1	4 36	19 29	1 48	20 12	1 14	13 31	1 31	18 40	0 23	5 14	2 21	24 5	0 24	1 28	1 49	30 3	11 46	14 18	14 9	18 55			n.a.
M 8	17 27	27 37	3 58	19 45	1 30	19 54	1 15	13 45	1 31	18 41	0 23	5 12	2 21	24 5	0 24	1 28	1 49	30 2	11 46	14 18	14 10	18 52			n.a.
T 9	17 10	25 56	3 9	20 0	1 12	19 36	1 16	13 59	1 32	18 42	0 23	5 9	2 21	24 5	0 24	1 27	1 49	30 2	11 46	14 19	14 11	18 50			n.a.
W10	16 53	23 6	2 13	20 12	0 54	19 17	1 17	14 13	1 32	18 42	0 23	5 7	2 20	24 5	0 24	1 26	1 49	30 2	11 46	14 19	14 12	18 47			n.a.
T 11	16 36	19 20	1 11	20 22	0 37	18 57	1 18	14 27	1 33	18 43	0 23	5 4	2 20	24 5	0 24	1 26	1 49	30 1	11 47	14 19	14 13	18 44			n.a.
F 12	16 19	14 48	0 6	20 29	0 20	18 37	1 19	14 41	1 33	18 44	0 22	5 2	2 20	24 5	0 24	1 25	1 49	30 1	11 47	14 20	14 14	18 42			n.a.
S 13	16 1	9 43	0s59	20 34	0 5	18 16	1 19	14 55	1 34	18 45	0 22	4 59	2 20	24 5	0 24	1 24	1 49	30 0	11 47	14 19	14 15	18 39			n.a.
S 14	15 43	4 16	2 2	20 37	0n10	17 55	1 20	15 9	1 34	18 47	0 22	4 56	2 20	24 5	0 24	1 23	1 49	30 0	11 47	14 19	14 16	18 36			n.a.
M15	15 25	1s22	3 1	20 36	0 24	17 33	1 21	15 22	1 35	18 48	0 22	4 54	2 20	24 5	0 24	1 23	1 49	29 59	11 47	14 19	14 17	18 34			n.a.
T 16	15 7	7 2	3 52	20 32	0 37	17 11	1 22	15 36	1 35	18 49	0 22	4 51	2 20	24 5	0 24	1 22	1 49	29 59	11 47	14 19	14 18	18 31			n.a.
W17	14 48	12 31	4 33	20 25	0 49	16 49	1 22	15 49	1 36	18 50	0 21	4 49	2 20	24 5	0 24	1 21	1 49	29 59	11 47	14 19	14 19	18 28			n.a.
T 18	14 29	17 37	5 2	20 16	1 0	16 26	1 23	16 3	1 36	18 51	0 21	4 46	2 20	24 5	0 24	1 20	1 49	29 58	11 48	14 19	14 20	18 26			n.a.
F 19	14 10	22 3	5 16	20 3	1 9	16 2	1 23	16 16	1 37	18 53	0 21	4 43	2 19	24 5	0 24	1 20	1 49	29 58	11 48	14 19	14 21	18 23			n.a.
S 20	13 51	25 30	5 15	19 47	1 18	15 38	1 24	16 30	1 37	18 54	0 21	4 40	2 19	24 5	0 24	1 19	1 49	29 57	11 48	14 19	14 22	18 20			n.a.
S 21	13 31	27 35	4 55	19 29	1 25	15 13	1 24	16 43	1 37	18 55	0 21	4 38	2 19	24 5	0 24	1 18	1 49	29 57	11 48	14 19	14 24	18 18			n.a.
M22	13 11	27 59	4 18	19 8	1 32	14 48	1 24	16 56	1 38	18 57	0 20	4 35	2 19	24 5	0 24	1 17	1 49	29 57	11 48	14 19	14 25	18 15			n.a.
T 23	12 51	26 29	3 23	18 44	1 37	14 23	1 24	17 9	1 38	18 58	0 20	4 32	2 19	24 5	0 24	1 16	1 49	29 56	11 48	14 19	14 26	18 12			n.a.
W24	12 31	23 7	2 13	18 17	1 42	13 57	1 24	17 22	1 38	19 0	0 20	4 29	2 19	24 5	0 24	1 16	1 49	29 56	11 49	14 19	14 27	18 9			n.a.
T 25	12 11	18 8	0 54	17 49	1 45	13 31	1 25	17 35	1 39	19 1	0 20	4 27	2 19	24 5	0 24	1 15	1 49	29 55	11 49	14 19	14 28	18 7			n.a.
F 26	11 50	12 0	0n30	17 18	1 48	13 5	1 25	17 48	1 39	19 3	0 20	4 24	2 19	24 5	0 24	1 14	1 49	29 55	11 49	14 19	14 29	18 4			n.a.
S 27	11 29	5 11	1 52	16 45	1 50	12 38	1 25	18 1	1 39	19 4	0 20	4 21	2 19	24 5	0 24	1 13	1 49	29 55	11 49	14 19	14 30	18 1			n.a.
S 28	11 8	1n48	3 4	16 11	1 51	12 11	1 24	18 13	1 40	19 6	0 19	4 18	2 19	24 5	0 24	1 12	1 49	29 54	11 49	14 19	14 31	17 58			n.a.
M29	10 47	8 31	4 3	15 35	1 51	11 43	1 24	18 26	1 40	19 8	0 19	4 16	2 19	24 5	0 24	1 12	1 49	29 54	11 50	14 19	14 32	17 56			n.a.
T 30	10 25	14 37	4 45	14 57	1 51	11 16	1 24	18 38	1 40	19 9	0 19	4 13	2 19	24 5	0 24	1 11	1 49	29 54	11 50	14 20	14 33	17 53			n.a.
W31	10n 4	19n47	5n10	14n18	1n50	10n47	1n24	18s50	1s40	19s11	0n19	4n10	2n18	24s 5	0s24	1n10	1n49	29n54	11n50	14s20	14s34	17n50			n.a.

Julian Day Number = 1713599.5, Delta T = 02h59m29s
Ecliptic obliquity = 23°41'58, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°21'29, Lahiri = - 4°14'28 Julian Calendar 1 Aug. 22 BCE == Greg. Calendar 30 July 022 BCE

The year -21 astronomical counting style corresponds to year 022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 22 BCE
geocentric

SEPTEMBER 22 BCE (-21) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 28 55	5♍13'17	22♉59	29♌ 0	7♍ 1	18♏11	26♏12	25♍ 0	1°R46	1♎16	7♌53	21°R58	21♒13	13♌ 2	n.a.	T 1
F 2	22 32 52	6°12'21	5♊46	0♍49	8°16	18°53	26°19	25° 7	1♑46	1°18	7°55	21°D57	21°10	13° 8	n.a.	F 2
S 3	22 36 48	7°11'27	18°13	2°38	9°31	19°35	26°26	25°14	1°45	1°20	7°57	21♒58	21° 7	13°15	n.a.	S 3
S 4	22 40 45	8°10'36	0♋24	4°26	10°46	20°17	26°33	25°21	1°45	1°22	7°59	21°58	21° 4	13°22	n.a.	S 4
M 5	22 44 42	9° 9'47	12°22	6°14	12° 1	20°59	26°40	25°28	1°44	1°24	8° 1	22° 0	21° 0	13°28	n.a.	M 5
T 6	22 48 38	10° 9'00	24°13	8° 1	13°16	21°41	26°48	25°35	1°44	1°26	8° 2	22° 1	20°57	13°35	n.a.	T 6
W 7	22 52 35	11° 8'16	6♌ 0	9°47	14°31	22°24	26°55	25°42	1°43	1°28	8° 4	22° 3	20°54	13°42	n.a.	W 7
T 8	22 56 31	12° 7'34	17°47	11°33	15°46	23° 6	27° 3	25°50	1°43	1°30	8° 6	22°R 3	20°51	13°48	n.a.	T 8
F 9	23 0 28	13° 6'54	29°37	13°18	17° 1	23°49	27°11	25°57	1°43	1°33	8° 8	22° 3	20°48	13°55	n.a.	F 9
S 10	23 4 24	14° 6'16	11♍33	15° 2	18°16	24°32	27°18	26° 4	1°43	1°35	8° 9	22° 2	20°45	14° 2	n.a.	S 10
S 11	23 8 21	15° 5'40	23°36	16°45	19°31	25°14	27°27	26°11	1°42	1°37	8°11	22° 0	20°41	14° 8	n.a.	S 11
M12	23 12 17	16° 5'07	5♎48	18°28	20°46	25°57	27°35	26°18	1°42	1°39	8°13	21°56	20°38	14°15	n.a.	M12
T 13	23 16 14	17° 4'36	18°12	20°10	22° 2	26°40	27°43	26°25	1°42	1°41	8°14	21°52	20°35	14°21	n.a.	T 13
W14	23 20 10	18° 4'06	0♏47	21°51	23°17	27°23	27°51	26°32	1°D42	1°43	8°16	21°48	20°32	14°28	n.a.	W14
T 15	23 24 7	19° 3'39	13°35	23°31	24°32	28° 7	28° 0	26°39	1°42	1°46	8°18	21°44	20°29	14°35	n.a.	T 15
F 16	23 28 4	20° 3'13	26°38	25°11	25°47	28°50	28° 9	26°47	1°42	1°48	8°19	21°41	20°25	14°41	n.a.	F 16
S 17	23 32 0	21° 2'50	9♐58	26°50	27° 2	29°33	28°18	26°54	1°43	1°50	8°21	21°39	20°22	14°48	n.a.	S 17
S 18	23 35 57	22° 2'28	23°35	28°28	28°17	0♐17	28°27	27° 1	1°43	1°52	8°23	21°D38	20°19	14°55	n.a.	S 18
M19	23 39 53	23° 2'08	7♑30	0♎ 6	29°32	1° 0	28°36	27° 8	1°43	1°55	8°24	21°39	20°16	15° 1	n.a.	M19
T 20	23 43 50	24° 1'50	21°44	1°43	0♎47	1°44	28°45	27°15	1°43	1°57	8°26	21°40	20°13	15° 8	n.a.	T 20
W21	23 47 46	25° 1'34	6♒15	3°19	2° 3	2°28	28°54	27°23	1°44	1°59	8°27	21°42	20°10	15°15	n.a.	W21
T 22	23 51 43	26° 1'19	20°59	4°55	3°18	3°11	29° 4	27°30	1°44	2° 1	8°29	21°R43	20° 6	15°21	n.a.	T 22
F 23	23 55 39	27° 1'06	5♓51	6°30	4°33	3°55	29°13	27°37	1°44	2° 3	8°30	21°42	20° 3	15°28	n.a.	F 23
S 24	23 59 36	28° 0'55	20°44	8° 4	5°48	4°39	29°23	27°44	1°45	2° 6	8°32	21°39	20° 0	15°35	n.a.	S 24
S 25	0 3 33	29° 0'47	5♈30	9°38	7° 3	5°23	29°33	27°52	1°45	2° 8	8°33	21°35	19°57	15°41	n.a.	S 25
M26	0 7 29	0♎ 0'40	20° 1	11°11	8°18	6° 7	29°43	27°59	1°46	2°10	8°34	21°29	19°54	15°48	n.a.	M26
T 27	0 11 26	1° 0'35	4♉11	12°44	9°34	6°52	29°53	28° 6	1°47	2°12	8°36	21°23	19°51	15°54	n.a.	T 27
W28	0 15 22	2° 0'33	17°56	14°16	10°49	7°36	0♐ 3	28°13	1°47	2°15	8°37	21°17	19°47	16° 1	n.a.	W28
T 29	0 19 19	3° 0'33	1♊14	15°48	12° 4	8°20	0°13	28°20	1°48	2°17	8°38	21°11	19°44	16° 8	n.a.	T 29
F 30	0 23 15	4♎ 0'35	14♊ 6	17♎19	13♎19	9♐ 5	0♐23	28♍28	1♑49	2♎19	8♌40	21♒ 7	19♒41	16♌14	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9n42	23n49	5n17	13n38	1n48	10n19	1n23	19s 2	1s41	19s13	0n19	4n 7	2n18	24s 5	0s24	1n 9	1n49	29n53	11n50	14s20	14s35	17n47		n.a.
F 2	9 20	26 33	5 8	12 57	1 46	9 50	1 23	19 14	1 41	19 14	0 18	4 4	2 18	24 5	0 24	1 8	1 49	29 53	11 50	14 21	14 36	17 45		n.a.
S 3	8 58	27 54	4 44	12 15	1 44	9 21	1 22	19 26	1 41	19 16	0 18	4 1	2 18	24 5	0 24	1 7	1 49	29 53	11 51	14 20	14 37	17 42		n.a.
S 4	8 36	27 51	4 9	11 33	1 40	8 52	1 22	19 38	1 41	19 18	0 18	3 59	2 18	24 5	0 24	1 7	1 49	29 52	11 51	14 20	14 38	17 39		n.a.
M 5	8 13	26 29	3 22	10 49	1 37	8 23	1 21	19 50	1 41	19 20	0 18	3 56	2 18	24 5	0 24	1 6	1 49	29 52	11 51	14 20	14 39	17 36		n.a.
T 6	7 51	23 56	2 28	10 5	1 33	7 53	1 20	20 1	1 42	19 22	0 18	3 53	2 18	24 5	0 24	1 5	1 49	29 52	11 51	14 19	14 40	17 34		n.a.
W 7	7 28	20 24	1 28	9 21	1 29	7 23	1 20	20 12	1 42	19 24	0 18	3 50	2 18	24 5	0 24	1 4	1 49	29 52	11 52	14 19	14 41	17 31		n.a.
T 8	7 5	16 3	0 24	8 36	1 24	6 53	1 19	20 24	1 42	19 26	0 17	3 47	2 18	24 5	0 24	1 3	1 49	29 51	11 52	14 18	14 42	17 28		n.a.
F 9	6 42	11 5	0s42	7 51	1 19	6 22	1 18	20 35	1 42	19 28	0 17	3 44	2 18	24 5	0 24	1 2	1 49	29 51	11 52	14 19	14 43	17 25		n.a.
S 10	6 19	5 41	1 45	7 6	1 14	5 52	1 17	20 45	1 42	19 30	0 17	3 41	2 18	24 5	0 24	1 1	1 49	29 51	11 52	14 19	14 44	17 23		n.a.
S 11	5 56	0 3	2 45	6 20	1 9	5 21	1 16	20 56	1 42	19 32	0 17	3 38	2 18	24 5	0 24	1 0	1 48	29 51	11 53	14 20	14 45	17 20		n.a.
M12	5 33	5s40	3 38	5 35	1 3	4 50	1 15	21 7	1 42	19 34	0 17	3 36	2 18	24 5	0 24	1 0	1 48	29 51	11 53	14 21	14 46	17 17		n.a.
T 13	5 9	11 14	4 21	4 49	0 58	4 20	1 14	21 17	1 42	19 36	0 17	3 33	2 18	24 5	0 24	0 59	1 48	29 50	11 53	14 22	14 47	17 14		n.a.
W14	4 46	16 26	4 53	4 3	0 52	3 48	1 13	21 27	1 43	19 38	0 17	3 30	2 18	24 5	0 24	0 58	1 48	29 50	11 54	14 24	14 48	17 11		n.a.
T 15	4 22	21 1	5 10	3 18	0 45	3 17	1 11	21 37	1 43	19 40	0 16	3 27	2 18	24 5	0 24	0 57	1 48	29 50	11 54	14 25	14 49	17 9		n.a.
F 16	3 59	24 40	5 12	2 32	0 39	2 46	1 10	21 47	1 43	19 42	0 16	3 24	2 18	24 5	0 24	0 56	1 48	29 50	11 54	14 26	14 50	17 6		n.a.
S 17	3 35	27 5	4 58	1 46	0 33	2 15	1 9	21 57	1 43	19 44	0 16	3 21	2 18	24 5	0 24	0 55	1 48	29 50	11 55	14 27	14 51	17 3		n.a.
S 18	3 11	27 58	4 26	1 1	0 26	1 43	1 7	22 6	1 43	19 46	0 16	3 18	2 18	24 5	0 24	0 54	1 48	29 49	11 55	14 27	14 52	17 0		n.a.
M19	2 48	27 7	3 39	0 16	0 20	1 12	1 6	22 15	1 43	19 48	0 16	3 15	2 18	24 5	0 24	0 53	1 48	29 49	11 55	14 26	14 53	16 57		n.a.
T 20	2 24	24 30	2 37	0s29	0 13	0 40	1 4	22 25	1 43	19 51	0 16	3 12	2 18	24 5	0 24	0 52	1 48	29 49	11 55	14 26	14 54	16 55		n.a.
W21	2 0	20 16	1 24	1 14	0 7	0 8	1 3	22 33	1 43	19 53	0 15	3 10	2 18	24 5	0 24	0 51	1 48	29 49	11 56	14 26	14 55	16 52		n.a.
T 22	1 36	14 43	0 4	1 58	0s 0	0s23	1 1	22 42	1 43	19 55	0 15	3 7	2 18	24 5	0 24	0 51	1 48	29 49	11 56	14 25	14 56	16 49		n.a.
F 23	1 12	8 17	1n16	2 43	0 7	0 55	1 0	22 51	1 43	19 57	0 15	3 4	2 18	24 5	0 24	0 50	1 48	29 49	11 56	14 26	14 57	16 46		n.a.
S 24	0 48	1 23	2 32	3 27	0 14	1 27	0 58	22 59	1 43	20 0	0 15	3 1	2 18	24 5	0 24	0 49	1 48	29 49	11 57	14 26	14 58	16 43		n.a.
S 25	0 24	5n30	3 36	4 10	0 20	1 58	0 56	23 7	1 43	20 2	0 15	2 58	2 18	24 5	0 24	0 48	1 48	29 49	11 57	14 28	14 59	16 40		n.a.
M26	0s 0	11 59	4 25	4 53	0 27	2 30	0 54	23 15	1 43	20 4	0 15	2 55	2 18	24 5	0 24	0 47	1 48	29 49	11 57	14 30	15 0	16 38		n.a.
T 27	0 24	17 41	4 56	5 36	0 34	3 1	0 53	23 22	1 42	20 6	0 15	2 52	2 18	24 5	0 24	0 46	1 48	29 49	11 58	14 32	15 1	16 35		n.a.
W28	0 48	22 18	5 10	6 19	0 41	3 33	0 51	23 30	1 42	20 9	0 14	2 49	2 18	24 5	0 24	0 45	1 48	29 49	11 58	14 34	15 2	16 32		n.a.
T 29	1 13	25 36	5 7	1 0	0 47	4 4	0 49	23 37	1 42	20 11	0 14	2 46	2 18	24 5	0 24	0 44	1 48	29 49	11 59	14 35	15 3	16 29		n.a.
F 30	1s37	27n28	4n46	7s42	0s54	4s36	0n47	23s44	1s42	20s13	0n14	2n44	2n18	24s 5	0s24	0n43	1n48	29n49	11n59	14s37	15s 4	16n26		n.a.

Julian Day Number = 1713630.5, Delta T = 02h59m29s
Ecliptic obliquity = 23°41'59, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°21'24, Lahiri = - 4°14'24 Julian Calendar 1 Sept. 22 BCE == Greg. Calendar 30 Aug. 022 BCE

The year -21 astronomical counting style corresponds to year 022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 22 BCE
geocentric

OCTOBER 22 BCE (-21) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 27 12	5♎ 0'39	26♊36	18♎50	14♎34	9♐49	0♐34	28♍35	1♑50	2♎21	8♌41	21°R 5	19♒38	16♌21	n.a.	S 1
S 2	0 31 8	6° 0'46	8♋47	20°20	15°49	10°34	0°44	28°42	1°51	2°24	8°42	21°D 5	19°35	16°28	n.a.	S 2
M 3	0 35 5	7° 0'55	20°45	21°50	17° 5	11°18	0°55	28°49	1°52	2°26	8°44	21♒ 6	19°31	16°34	n.a.	M 3
T 4	0 39 2	8° 1'06	2♌34	23°19	18°20	12° 3	1° 6	28°56	1°53	2°28	8°45	21° 7	19°28	16°41	n.a.	T 4
W 5	0 42 58	9° 1'19	14°21	24°47	19°35	12°47	1°17	29° 3	1°54	2°30	8°46	21° 8	19°25	16°48	n.a.	W 5
T 6	0 46 55	10° 1'35	26° 9	26°16	20°50	13°32	1°27	29°11	1°55	2°33	8°47	21°R 8	19°22	16°54	n.a.	T 6
F 7	0 50 51	11° 1'52	8♍ 4	27°43	22° 5	14°17	1°39	29°18	1°56	2°35	8°48	21° 7	19°19	17° 1	n.a.	F 7
S 8	0 54 48	12° 2'11	20° 7	29°10	23°21	15° 2	1°50	29°25	1°57	2°37	8°49	21° 3	19°16	17° 8	n.a.	S 8
S 9	0 58 44	13° 2'32	2♎23	0♏36	24°36	15°47	2° 1	29°32	1°58	2°39	8°51	20°56	19°12	17°14	n.a.	S 9
M10	1 2 41	14° 2'55	14°51	2° 2	25°51	16°32	2°12	29°39	2° 0	2°41	8°52	20°48	19° 9	17°21	n.a.	M10
T 11	1 6 37	15° 3'20	27°33	3°27	27° 6	17°17	2°24	29°46	2° 1	2°44	8°53	20°38	19° 6	17°27	n.a.	T 11
W12	1 10 34	16° 3'47	10♏29	4°51	28°21	18° 2	2°35	29°53	2° 2	2°46	8°54	20°27	19° 3	17°34	n.a.	W12
T 13	1 14 30	17° 4'15	23°37	6°15	29°36	18°47	2°47	0♎ 0	2° 4	2°48	8°55	20°18	19° 0	17°41	n.a.	T 13
F 14	1 18 27	18° 4'45	6♐57	7°37	0♏52	19°33	2°58	0° 7	2° 5	2°50	8°56	20° 9	18°56	17°47	n.a.	F 14
S 15	1 22 24	19° 5'17	20°28	8°59	2° 7	20°18	3°10	0°14	2° 7	2°52	8°56	20° 3	18°53	17°54	n.a.	S 15
S 16	1 26 20	20° 5'50	4♑ 9	10°19	3°22	21° 3	3°22	0°21	2° 9	2°55	8°57	20° 0	18°50	18° 1	n.a.	S 16
M17	1 30 17	21° 6'24	18° 1	11°39	4°37	21°49	3°34	0°28	2°10	2°57	8°58	19°D59	18°47	18° 7	n.a.	M17
T 18	1 34 13	22° 6'59	2♒ 3	12°57	5°52	22°34	3°46	0°35	2°12	2°59	8°59	19°59	18°44	18°14	n.a.	T 18
W19	1 38 10	23° 7'36	16°14	14°13	7° 7	23°20	3°58	0°42	2°14	3° 1	9° 0	20°R 0	18°41	18°21	n.a.	W19
T 20	1 42 6	24° 8'14	0♓34	15°28	8°23	24° 5	4°10	0°49	2°15	3° 3	9° 1	19°59	18°37	18°27	n.a.	T 20
F 21	1 46 3	25° 8'54	15° 1	16°41	9°38	24°51	4°22	0°55	2°17	3° 5	9° 1	19°57	18°34	18°34	n.a.	F 21
S 22	1 49 59	26° 9'34	29°29	17°52	10°53	25°36	4°34	1° 2	2°19	3° 7	9° 2	19°52	18°31	18°41	n.a.	S 22
S 23	1 53 56	27°10'16	13♈53	19° 1	12° 8	26°22	4°47	1° 9	2°21	3°10	9° 3	19°44	18°28	18°47	n.a.	S 23
M24	1 57 53	28°10'59	28° 8	20° 7	13°23	27° 8	4°59	1°16	2°23	3°12	9° 3	19°34	18°25	18°54	n.a.	M24
T 25	2 1 49	29°11'44	12♉ 8	21° 9	14°38	27°53	5°11	1°22	2°25	3°14	9° 4	19°22	18°22	19° 1	n.a.	T 25
W26	2 5 46	0♏12'31	25°47	22° 8	15°53	28°39	5°24	1°29	2°27	3°16	9° 5	19°10	18°18	19° 7	n.a.	W26
T 27	2 9 42	1°13'19	9♊ 4	23° 3	17° 8	29°25	5°36	1°36	2°29	3°18	9° 5	18°59	18°15	19°14	n.a.	T 27
F 28	2 13 39	2°14'08	21°57	23°54	18°23	0♑11	5°49	1°42	2°31	3°20	9° 6	18°51	18°12	19°20	n.a.	F 28
S 29	2 17 35	3°14'59	4♋28	24°39	19°39	0°57	6° 2	1°49	2°33	3°22	9° 6	18°45	18° 9	19°27	n.a.	S 29
S 30	2 21 32	4°15'52	16°41	25°19	20°54	1°42	6°15	1°55	2°35	3°24	9° 7	18°41	18° 6	19°34	n.a.	S 30
M31	2 25 29	5♏16'46	28♋40	25♏52	22♏ 9	2♑28	6♐27	2♎ 2	2♑38	3♎26	9♌ 7	18♒40	18♒ 2	19♌40	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s 1	27n52	4n13	8s23	1s 0	5s 7	0n45	23s51	1s42	20s16	0n14	2n41	2n18	24s 5	0s24	0n42	1n48	29n48	11n59	14s37	15s 5	16n23		n.a.
S 2	2 25	26 53	3 29	9 4	1 7	5 38	0 43	23 57	1 42	20 18	0 14	2 38	2 18	24 5	0 24	0 42	1 48	29 48	12 0	14 38	15 6	16 20		n.a.
M 3	2 49	24 40	2 37	9 44	1 13	6 9	0 41	24 3	1 42	20 20	0 14	2 35	2 18	24 5	0 24	0 41	1 48	29 48	12 0	14 37	15 7	16 18		n.a.
T 4	3 13	21 24	1 39	10 23	1 20	6 40	0 39	24 10	1 42	20 23	0 14	2 32	2 18	24 5	0 24	0 40	1 48	29 49	12 0	14 37	15 8	16 15		n.a.
W 5	3 37	17 17	0 37	11 2	1 26	7 11	0 36	24 15	1 41	20 25	0 13	2 29	2 18	24 5	0 24	0 39	1 48	29 49	12 1	14 36	15 9	16 12		n.a.
T 6	4 1	12 31	0s27	11 40	1 32	7 41	0 34	24 21	1 41	20 28	0 13	2 27	2 18	24 5	0 24	0 38	1 48	29 49	12 1	14 36	15 10	16 9		n.a.
F 7	4 25	7 15	1 30	12 18	1 38	8 12	0 32	24 26	1 41	20 30	0 13	2 24	2 18	24 5	0 24	0 37	1 48	29 49	12 2	14 37	15 11	16 6		n.a.
S 8	4 48	1 40	2 30	12 54	1 43	8 42	0 30	24 31	1 41	20 32	0 13	2 21	2 18	24 5	0 24	0 36	1 49	29 49	12 2	14 38	15 12	16 3		n.a.
S 9	5 12	4s 3	3 23	13 30	1 49	9 12	0 28	24 36	1 41	20 35	0 13	2 18	2 19	24 5	0 24	0 35	1 49	29 49	12 2	14 40	15 13	16 0		n.a.
M10	5 36	9 43	4 8	14 6	1 54	9 42	0 25	24 41	1 41	20 37	0 13	2 15	2 19	24 5	0 24	0 35	1 49	29 49	12 3	14 43	15 14	15 57		n.a.
T 11	6 0	15 4	4 41	14 40	1 59	10 12	0 23	24 45	1 40	20 40	0 13	2 13	2 19	24 5	0 24	0 34	1 49	29 49	12 3	14 46	15 15	15 55		n.a.
W12	6 23	19 52	5 0	15 14	2 4	10 41	0 21	24 49	1 40	20 42	0 12	2 10	2 19	24 5	0 24	0 33	1 49	29 49	12 4	14 50	15 16	15 52		n.a.
T 13	6 47	23 47	5 4	15 46	2 9	11 10	0 18	24 53	1 40	20 44	0 12	2 7	2 19	24 5	0 24	0 32	1 49	29 49	12 4	14 53	15 17	15 49		n.a.
F 14	7 10	26 30	4 52	16 18	2 13	11 39	0 16	24 56	1 40	20 47	0 12	2 4	2 19	24 5	0 24	0 31	1 49	29 49	12 4	14 55	15 18	15 46		n.a.
S 15	7 33	27 44	4 23	16 49	2 18	12 8	0 13	24 59	1 39	20 49	0 12	2 2	2 19	24 4	0 24	0 30	1 49	29 49	12 5	14 57	15 19	15 43		n.a.
S 16	7 56	27 17	3 39	17 18	2 21	12 36	0 11	25 2	1 39	20 52	0 12	1 59	2 19	24 4	0 24	0 29	1 49	29 49	12 5	14 58	15 20	15 40		n.a.
M17	8 19	25 9	2 42	17 47	2 25	13 4	0 9	25 5	1 39	20 54	0 12	1 56	2 19	24 4	0 24	0 28	1 49	29 50	12 6	14 59	15 21	15 37		n.a.
T 18	8 42	21 27	1 34	18 14	2 28	13 32	0 6	25 8	1 39	20 56	0 12	1 53	2 19	24 4	0 24	0 28	1 49	29 50	12 6	14 59	15 22	15 34		n.a.
W19	9 5	16 28	0 20	18 40	2 30	13 59	0 4	25 10	1 38	20 59	0 12	1 51	2 19	24 4	0 24	0 27	1 49	29 50	12 6	14 59	15 23	15 31		n.a.
T 20	9 28	10 31	0n56	19 5	2 32	14 26	0 1	25 12	1 38	21 1	0 11	1 48	2 19	24 4	0 23	0 26	1 49	29 50	12 7	14 59	15 24	15 28		n.a.
F 21	9 50	3 59	2 9	19 28	2 34	14 52	0s 1	25 13	1 38	21 4	0 11	1 45	2 20	24 4	0 23	0 25	1 49	29 50	12 7	14 59	15 25	15 26		n.a.
S 22	10 12	2n45	3 14	19 49	2 35	15 19	0 4	25 15	1 37	21 6	0 11	1 43	2 20	24 4	0 23	0 24	1 49	29 51	12 8	15 1	15 26	15 23		n.a.
S 23	10 35	9 18	4 6	20 9	2 36	15 45	0 6	25 16	1 37	21 8	0 11	1 40	2 20	24 4	0 23	0 24	1 49	29 51	12 8	15 4	15 27	15 20		n.a.
M24	10 57	15 18	4 42	20 27	2 36	16 10	0 9	25 17	1 37	21 11	0 11	1 38	2 20	24 4	0 23	0 23	1 49	29 51	12 9	15 7	15 28	15 17		n.a.
T 25	11 18	20 23	5 0	20 44	2 35	16 35	0 11	25 17	1 36	21 13	0 11	1 35	2 20	24 4	0 23	0 22	1 49	29 51	12 9	15 10	15 29	15 14		n.a.
W26	11 40	24 16	5 0	20 58	2 33	17 0	0 14	25 17	1 36	21 16	0 11	1 33	2 20	24 4	0 23	0 21	1 49	29 51	12 9	15 14	15 30	15 11		n.a.
T 27	12 2	26 43	4 44	21 10	2 31	17 24	0 16	25 17	1 36	21 18	0 11	1 30	2 20	24 4	0 23	0 20	1 49	29 52	12 10	15 18	15 31	15 8		n.a.
F 28	12 23	27 40	4 14	21 19	2 27	17 47	0 19	25 17	1 35	21 20	0 10	1 27	2 20	24 4	0 23	0 20	1 49	29 52	12 10	15 20	15 32	15 5		n.a.
S 29	12 44	27 9	3 32	21 27	2 23	18 11	0 21	25 17	1 35	21 23	0 10	1 25	2 20	24 4	0 23	0 19	1 49	29 52	12 11	15 22	15 33	15 2		n.a.
S 30	13 5	25 18	2 41	21 31	2 17	18 33	0 24	25 16	1 34	21 25	0 10	1 22	2 21	24 4	0 23	0 18	1 49	29 53	12 11	15 23	15 34	14 59		n.a.
M31	13s25	22n21	1n44	21s32	2s10	18s55	0s26	25s15	1s34	21s27	0n10	1n20	2n21	24s 4	0s23	0n17	1n49	29n53	12n12	15s24	15s35	14n56		n.a.

Julian Day Number = 1713660.5, Delta T = 02h59m28s
Ecliptic obliquity = 23°41'59, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°21'20, Lahiri = - 4°14'20 Julian Calendar 1 Oct. 22 BCE == Greg. Calendar 29 Sept. 022 BCE

The year -21 astronomical counting style corresponds to year 022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 22 BCE
geocentric

NOVEMBER 22 BCE (-21) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 29 25	6♏17'41	10♌30	26♏17	23♏24	3♑14	6♐40	2♎ 8	2♑40	3♎28	9♌ 8	18°D40	17♒59	19♌47	n.a.	T 1
W 2	2 33 22	7°18'38	22°18	26°35	24°39	4° 0	6°53	2°14	2°42	3°30	9° 8	18°R40	17°56	19°54	n.a.	W 2
T 3	2 37 18	8°19'36	4♍ 7	26°R43	25°54	4°46	7° 6	2°21	2°45	3°32	9° 8	18♒39	17°53	20° 0	n.a.	T 3
F 4	2 41 15	9°20'36	16° 5	26°42	27° 9	5°32	7°19	2°27	2°47	3°34	9° 9	18°36	17°50	20° 7	n.a.	F 4
S 5	2 45 11	10°21'37	28°14	26°30	28°24	6°18	7°32	2°33	2°50	3°36	9° 9	18°30	17°47	20°14	n.a.	S 5
S 6	2 49 8	11°22'39	10♎39	26° 8	29°39	7° 4	7°46	2°39	2°52	3°37	9° 9	18°22	17°43	20°20	n.a.	S 6
M 7	2 53 4	12°23'43	23°22	25°34	0♐54	7°50	7°59	2°46	2°55	3°39	9° 9	18°11	17°40	20°27	n.a.	M 7
T 8	2 57 1	13°24'47	6♏23	24°48	2° 9	8°36	8°12	2°52	2°57	3°41	9°10	17°58	17°37	20°34	n.a.	T 8
W 9	3 0 57	14°25'53	19°41	23°53	3°24	9°22	8°25	2°58	3° 0	3°43	9°10	17°44	17°34	20°40	n.a.	W 9
T 10	3 4 54	15°26'59	3♐15	22°47	4°39	10° 9	8°39	3° 4	3° 2	3°45	9°10	17°31	17°31	20°47	n.a.	T 10
F 11	3 8 51	16°28'07	17° 0	21°34	5°54	10°55	8°52	3°10	3° 5	3°47	9°10	17°20	17°28	20°53	n.a.	F 11
S 12	3 12 47	17°29'15	0♑54	20°15	7° 9	11°41	9° 5	3°15	3° 8	3°48	9°10	17°11	17°24	21° 0	n.a.	S 12
S 13	3 16 44	18°30'23	14°53	18°53	8°24	12°27	9°19	3°21	3°10	3°50	9°10	17° 6	17°21	21° 7	n.a.	S 13
M14	3 20 40	19°31'32	28°55	17°30	9°39	13°13	9°32	3°27	3°13	3°52	9°R10	17° 3	17°18	21°13	n.a.	M14
T 15	3 24 37	20°32'42	12♒59	16°10	10°54	14° 0	9°46	3°33	3°16	3°53	9°10	17° 2	17°15	21°20	n.a.	T 15
W16	3 28 33	21°33'52	27° 3	14°54	12° 9	14°46	9°59	3°38	3°19	3°55	9°10	17° 2	17°12	21°27	n.a.	W16
T 17	3 32 30	22°35'02	11♓ 7	13°46	13°24	15°32	10°13	3°44	3°22	3°57	9°10	17° 2	17° 8	21°33	n.a.	T 17
F 18	3 36 27	23°36'12	25°11	12°46	14°39	16°18	10°27	3°49	3°25	3°58	9°10	16°59	17° 5	21°40	n.a.	F 18
S 19	3 40 23	24°37'23	9♈13	11°57	15°54	17° 4	10°40	3°55	3°27	4° 0	9°10	16°53	17° 2	21°47	n.a.	S 19
S 20	3 44 20	25°38'34	23° 9	11°18	17° 9	17°51	10°54	4° 0	3°30	4° 2	9°10	16°44	16°59	21°53	n.a.	S 20
M21	3 48 16	26°39'45	6♉58	10°51	18°24	18°37	11° 8	4° 5	3°33	4° 3	9° 9	16°33	16°56	22° 0	n.a.	M21
T 22	3 52 13	27°40'57	20°35	10°34	19°39	19°23	11°21	4°11	3°36	4° 5	9° 9	16°20	16°53	22° 7	n.a.	T 22
W23	3 56 9	28°42'10	3♊57	10°D28	20°54	20° 9	11°35	4°16	3°39	4° 6	9° 9	16° 7	16°49	22°13	n.a.	W23
T 24	4 0 6	29°43'22	17° 1	10°32	22° 8	20°56	11°49	4°21	3°43	4° 8	9° 8	15°55	16°46	22°20	n.a.	T 24
F 25	4 4 2	0♐44'35	29°47	10°45	23°23	21°42	12° 3	4°26	3°46	4° 9	9° 8	15°45	16°43	22°27	n.a.	F 25
S 26	4 7 59	1°45'49	12♋15	11° 6	24°38	22°28	12°16	4°31	3°49	4°10	9° 8	15°37	16°40	22°33	n.a.	S 26
S 27	4 11 56	2°47'03	24°26	11°34	25°53	23°14	12°30	4°36	3°52	4°12	9° 7	15°33	16°37	22°40	n.a.	S 27
M28	4 15 52	3°48'18	6♌25	12°10	27° 8	24° 1	12°44	4°41	3°55	4°13	9° 7	15°31	16°34	22°46	n.a.	M28
T 29	4 19 49	4°49'32	18°15	12°51	28°22	24°47	12°58	4°45	3°58	4°14	9° 7	15°D30	16°30	22°53	n.a.	T 29
W30	4 23 45	5♐50'47	0♍ 3	13♏38	29♐37	25♑33	13♐12	4♎50	4♑ 1	4♎16	9♌ 6	15♒31	16♒27	23♌ 0	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13 s46	18n29	0n43	21 s31	2 s 2	19 s17	0 s29	25 s13	1 s34	21 s30	0n10	1n18	2n21	24 s 4	0 s23	0n16	1n49	29n53	12n12	15 s24	15 s36	14n53		n.a.
W 2	14 6	13 56	0 s19	21 26	1 53	19 38	0 31	25 11	1 33	21 32	0 10	1 15	2 21	24 4	0 23	0 16	1 49	29 53	12 12	15 24	15 37	14 50		n.a.
T 3	14 26	8 51	1 21	21 17	1 42	19 59	0 34	25 9	1 33	21 34	0 10	1 13	2 21	24 4	0 23	0 15	1 49	29 54	12 13	15 24	15 38	14 47		n.a.
F 4	14 46	3 24	2 20	21 5	1 30	20 19	0 36	25 7	1 32	21 37	0 10	1 10	2 21	24 4	0 23	0 14	1 49	29 54	12 13	15 25	15 39	14 44		n.a.
S 5	15 5	2 s14	3 13	20 49	1 16	20 39	0 38	25 5	1 32	21 39	0 9	1 8	2 21	24 3	0 23	0 14	1 49	29 54	12 14	15 27	15 40	14 41		n.a.
S 6	15 24	7 54	3 58	20 28	1 0	20 57	0 41	25 2	1 31	21 41	0 9	1 6	2 22	24 3	0 23	0 13	1 49	29 55	12 14	15 29	15 41	14 39		n.a.
M 7	15 43	13 23	4 33	20 4	0 43	21 16	0 43	24 59	1 31	21 44	0 9	1 3	2 22	24 3	0 23	0 12	1 49	29 55	12 15	15 33	15 42	14 36		n.a.
T 8	16 2	18 24	4 54	19 35	0 25	21 34	0 45	24 55	1 31	21 46	0 9	1 1	2 22	24 3	0 23	0 11	1 49	29 56	12 15	15 37	15 43	14 33		n.a.
W 9	16 21	22 39	5 0	19 2	0 6	21 51	0 48	24 52	1 30	21 48	0 9	0 59	2 22	24 3	0 23	0 11	1 49	29 56	12 16	15 41	15 44	14 30		n.a.
T 10	16 39	25 45	4 49	18 26	0n15	22 7	0 50	24 48	1 30	21 50	0 9	0 56	2 22	24 3	0 23	0 10	1 49	29 56	12 16	15 45	15 45	14 27		n.a.
F 11	16 57	27 23	4 21	17 47	0 35	22 23	0 52	24 44	1 29	21 52	0 9	0 54	2 22	24 3	0 23	0 9	1 50	29 57	12 16	15 49	15 46	14 24		n.a.
S 12	17 14	27 20	3 38	17 7	0 55	22 38	0 54	24 39	1 29	21 55	0 9	0 52	2 23	24 3	0 23	0 9	1 50	29 57	12 17	15 51	15 47	14 21		n.a.
S 13	17 31	25 32	2 41	16 25	1 15	22 53	0 57	24 34	1 28	21 57	0 9	0 50	2 23	24 3	0 23	0 8	1 50	29 57	12 17	15 53	15 48	14 18		n.a.
M14	17 48	22 8	1 34	15 44	1 34	23 7	0 59	24 29	1 28	21 59	0 8	0 48	2 23	24 3	0 23	0 7	1 50	29 58	12 18	15 54	15 49	14 15		n.a.
T 15	18 5	17 27	0 21	15 5	1 51	23 20	1 1	24 24	1 27	22 1	0 8	0 46	2 23	24 3	0 23	0 7	1 50	29 58	12 18	15 54	15 50	14 12		n.a.
W16	18 21	11 48	0n53	14 28	2 7	23 32	1 3	24 18	1 27	22 3	0 8	0 44	2 23	24 3	0 23	0 6	1 50	29 59	12 19	15 54	15 51	14 9		n.a.
T 17	18 37	5 34	2 4	13 55	2 20	23 44	1 5	24 13	1 26	22 5	0 8	0 41	2 23	24 3	0 23	0 6	1 50	29 59	12 19	15 54	15 52	14 6		n.a.
F 18	18 53	0n55	3 7	13 27	2 31	23 55	1 7	24 6	1 26	22 7	0 8	0 39	2 24	24 3	0 23	0 5	1 50	30 0	12 20	15 55	15 53	14 3		n.a.
S 19	19 8	7 20	3 59	13 3	2 40	24 5	1 9	24 0	1 25	22 10	0 8	0 37	2 24	24 2	0 23	0 4	1 50	30 0	12 20	15 57	15 54	14 0		n.a.
S 20	19 23	13 21	4 36	12 45	2 46	24 15	1 11	23 53	1 24	22 12	0 8	0 35	2 24	24 2	0 23	0 4	1 50	30 1	12 20	15 59	15 55	13 57		n.a.
M21	19 37	18 39	4 56	12 33	2 51	24 24	1 13	23 47	1 24	22 14	0 8	0 34	2 24	24 2	0 23	0 3	1 50	30 1	12 21	16 3	15 56	13 54		n.a.
T 22	19 51	22 54	5 0	12 25	2 53	24 32	1 15	23 39	1 23	22 16	0 8	0 32	2 24	24 2	0 23	0 3	1 50	30 2	12 21	16 7	15 57	13 51		n.a.
W23	20 5	25 51	4 46	12 22	2 54	24 39	1 17	23 32	1 23	22 18	0 7	0 30	2 25	24 2	0 23	0 2	1 50	30 2	12 22	16 11	15 58	13 48		n.a.
T 24	20 19	27 20	4 18	12 24	2 53	24 46	1 18	23 24	1 22	22 20	0 7	0 28	2 25	24 2	0 23	0 2	1 50	30 3	12 22	16 14	15 59	13 45		n.a.
F 25	20 32	27 19	3 37	12 30	2 51	24 52	1 20	23 16	1 22	22 22	0 7	0 26	2 25	24 2	0 23	0 1	1 50	30 3	12 23	16 17	16 0	13 42		n.a.
S 26	20 44	25 54	2 47	12 39	2 48	24 57	1 22	23 8	1 21	22 24	0 7	0 24	2 25	24 2	0 23	0 0	1 50	30 4	12 23	16 20	16 1	13 39		n.a.
S 27	20 57	23 16	1 50	12 52	2 44	25 1	1 23	23 0	1 21	22 26	0 7	0 22	2 25	24 2	0 23	0 s 0	1 50	30 4	12 23	16 21	16 2	13 36		n.a.
M28	21 8	19 39	0 48	13 7	2 39	25 5	1 25	22 51	1 20	22 27	0 7	0 21	2 26	24 2	0 23	0 1	1 50	30 5	12 24	16 22	16 3	13 33		n.a.
T 29	21 20	15 17	0 s15	13 25	2 34	25 8	1 26	22 42	1 19	22 29	0 7	0 19	2 26	24 2	0 23	0 1	1 50	30 5	12 24	16 22	16 4	13 30		n.a.
W30	21 s31	10n23	1 s17	13 s45	2n28	25 s10	1 s28	22 s33	1 s19	22 s31	0n 7	0n17	2n26	24 s 1	0 s23	0 s 1	1n51	30n 6	12n25	16 s22	16 s 5	13n27		n.a.

Julian Day Number = 1713691.5, Delta T = 02h59m27s
Ecliptic obliquity = 23°41'58, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°21'16, Lahiri = - 4°14'16 Julian Calendar 1 Nov. 22 BCE == Greg. Calendar 30 Oct. 022 BCE

The year -21 astronomical counting style corresponds to year 022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 22 BCE
geocentric

DECEMBER 22 BCE (-21) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 27 42	6♐52'03	11♍52	14♏29	0♑52	26♑19	13♐26	4♎55	4♑ 5	4♎17	9°R 6	15°R31	16♒24	23♌ 6	n.a.	T 1
F 2	4 31 38	7°53'19	23°50	15°25	2° 7	27° 6	13°40	4°59	4° 8	4°18	9♌ 5	15♒29	16°21	23°13	n.a.	F 2
S 3	4 35 35	8°54'35	6♎ 1	16°24	3°21	27°52	13°54	5° 4	4°11	4°20	9° 4	15°26	16°18	23°20	n.a.	S 3
S 4	4 39 31	9°55'51	18°29	17°27	4°36	28°38	14° 8	5° 8	4°14	4°21	9° 4	15°20	16°14	23°26	n.a.	S 4
M 5	4 43 28	10°57'08	1♏18	18°33	5°51	29°24	14°22	5°12	4°18	4°22	9° 3	15°11	16°11	23°33	n.a.	M 5
T 6	4 47 25	11°58'24	14°31	19°41	7° 5	0♒10	14°36	5°16	4°21	4°23	9° 2	15° 1	16° 8	23°40	n.a.	T 6
W 7	4 51 21	12°59'41	28° 6	20°52	8°20	0°57	14°50	5°21	4°24	4°24	9° 2	14°50	16° 5	23°46	n.a.	W 7
T 8	4 55 18	14° 0'58	12♐ 1	22° 5	9°35	1°43	15° 4	5°25	4°28	4°25	9° 1	14°39	16° 2	23°53	n.a.	T 8
F 9	4 59 14	15° 2'14	26°12	23°20	10°49	2°29	15°18	5°29	4°31	4°26	9° 0	14°30	15°59	24° 0	n.a.	F 9
S 10	5 3 11	16° 3'31	10♑34	24°36	12° 4	3°15	15°32	5°32	4°34	4°27	9° 0	14°23	15°55	24° 6	n.a.	S 10
S 11	5 7 7	17° 4'46	25° 0	25°54	13°18	4° 1	15°45	5°36	4°38	4°28	8°59	14°19	15°52	24°13	n.a.	S 11
M12	5 11 4	18° 6'01	9♒26	27°13	14°33	4°47	15°59	5°40	4°41	4°29	8°58	14°D17	15°49	24°20	n.a.	M12
T 13	5 15 1	19° 7'16	23°46	28°33	15°47	5°34	16°13	5°43	4°45	4°30	8°57	14°17	15°46	24°26	n.a.	T 13
W14	5 18 57	20° 8'30	7♓59	29°55	17° 2	6°20	16°27	5°47	4°48	4°31	8°56	14°18	15°43	24°33	n.a.	W14
T 15	5 22 54	21° 9'43	22° 3	1♐17	18°16	7° 6	16°41	5°50	4°52	4°32	8°55	14°R19	15°40	24°39	n.a.	T 15
F 16	5 26 50	22°10'55	5♈57	2°41	19°31	7°52	16°55	5°54	4°55	4°32	8°54	14°18	15°36	24°46	n.a.	F 16
S 17	5 30 47	23°12'06	19°41	4° 5	20°45	8°38	17° 9	5°57	4°59	4°33	8°53	14°15	15°33	24°53	n.a.	S 17
S 18	5 34 43	24°13'16	3♉15	5°30	21°59	9°24	17°23	6° 0	5° 2	4°34	8°52	14° 9	15°30	24°59	n.a.	S 18
M19	5 38 40	25°14'26	16°37	6°56	23°14	10°10	17°37	6° 3	5° 6	4°35	8°51	14° 2	15°27	25° 6	n.a.	M19
T 20	5 42 36	26°15'35	29°48	8°23	24°28	10°56	17°51	6° 6	5° 9	4°35	8°50	13°53	15°24	25°13	n.a.	T 20
W21	5 46 33	27°16'43	12♊46	9°51	25°42	11°42	18° 5	6° 9	5°13	4°36	8°49	13°44	15°20	25°19	n.a.	W21
T 22	5 50 30	28°17'50	25°31	11°19	26°56	12°28	18°19	6°12	5°16	4°37	8°48	13°36	15°17	25°26	n.a.	T 22
F 23	5 54 26	29°18'57	8♋ 2	12°48	28°11	13°14	18°33	6°14	5°20	4°37	8°47	13°29	15°14	25°33	n.a.	F 23
S 24	5 58 23	0♑20'02	20°19	14°17	29°25	13°59	18°47	6°17	5°23	4°38	8°46	13°24	15°11	25°39	n.a.	S 24
S 25	6 2 19	1°21'07	2♌25	15°47	0♒39	14°45	19° 0	6°20	5°27	4°38	8°45	13°22	15° 8	25°46	n.a.	S 25
M26	6 6 16	2°22'11	14°21	17°18	1°53	15°31	19°14	6°22	5°30	4°39	8°44	13°D21	15° 5	25°53	n.a.	M26
T 27	6 10 12	3°23'15	26°10	18°50	3° 7	16°17	19°28	6°24	5°34	4°39	8°43	13°22	15° 1	25°59	n.a.	T 27
W28	6 14 9	4°24'17	7♍58	20°22	4°21	17° 3	19°42	6°26	5°37	4°40	8°41	13°23	14°58	26° 6	n.a.	W28
T 29	6 18 6	5°25'19	19°47	21°54	5°35	17°49	19°56	6°28	5°41	4°40	8°40	13°25	14°55	26°13	n.a.	T 29
F 30	6 22 2	6°26'20	1♎43	23°28	6°49	18°34	20° 9	6°30	5°44	4°40	8°39	13°R26	14°52	26°19	n.a.	F 30
S 31	6 25 59	7♑27'21	13♎52	25♐ 2	8♒ 3	19♒20	20♐23	6♎32	5♑48	4♎41	8♌38	13♒26	14♒49	26♌26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	21s42	5n 6	2s16	14s 7	2n21	25s11	1s29	22s24	1s18	22s33	0n 7	0n16	2n26	24s 1	0s23	0s 2	1n51	30n 6	12n25	16s22	16s 6	13n24			n.a.
F 2	21 52	0s25	3 9	14 30	2 14	25 11	1 30	22 14	1 18	22 35	0 6	0 14	2 27	24 1	0 23	0 2	1 51	30 7	12 25	16 22	16 6	13 21			n.a.
S 3	22 2	6 0	3 55	14 54	2 7	25 11	1 32	22 4	1 17	22 37	0 6	0 13	2 27	24 1	0 23	0 3	1 51	30 7	12 26	16 23	16 7	13 18			n.a.
S 4	22 11	11 30	4 31	15 19	1 59	25 10	1 33	21 54	1 16	22 38	0 6	0 11	2 27	24 1	0 23	0 3	1 51	30 8	12 26	16 25	16 8	13 15			n.a.
M 5	22 20	16 39	4 55	15 45	1 51	25 8	1 34	21 44	1 16	22 40	0 6	0 10	2 27	24 1	0 23	0 4	1 51	30 8	12 27	16 27	16 9	13 12			n.a.
T 6	22 28	21 11	5 4	16 11	1 44	25 5	1 35	21 33	1 15	22 42	0 6	0 8	2 27	24 1	0 23	0 4	1 51	30 9	12 27	16 30	16 10	13 8			n.a.
W 7	22 36	24 45	4 56	16 38	1 35	25 2	1 36	21 23	1 15	22 44	0 6	0 7	2 28	24 1	0 23	0 4	1 51	30 10	12 27	16 34	16 11	13 5			n.a.
T 8	22 44	26 56	4 30	17 5	1 27	24 58	1 37	21 12	1 14	22 45	0 6	0 5	2 28	24 1	0 23	0 5	1 51	30 10	12 28	16 37	16 12	13 2			n.a.
F 9	22 51	27 26	3 48	17 32	1 19	24 53	1 38	21 0	1 13	22 47	0 6	0 4	2 28	24 0	0 23	0 5	1 51	30 11	12 28	16 40	16 13	12 59			n.a.
S 10	22 58	26 6	2 50	17 59	1 11	24 47	1 39	20 49	1 13	22 49	0 6	0 3	2 28	24 0	0 23	0 5	1 51	30 11	12 29	16 42	16 14	12 56			n.a.
S 11	23 4	23 1	1 41	18 25	1 3	24 40	1 39	20 37	1 12	22 50	0 6	0 1	2 29	24 0	0 23	0 6	1 51	30 12	12 29	16 43	16 15	12 53			n.a.
M12	23 10	18 30	0 26	18 52	0 55	24 33	1 40	20 26	1 11	22 52	0 5	0 0	2 29	24 0	0 23	0 6	1 51	30 12	12 29	16 43	16 16	12 50			n.a.
T 13	23 15	12 57	0n51	19 18	0 47	24 25	1 41	20 14	1 11	22 53	0 5	0s 1	2 29	24 0	0 23	0 6	1 51	30 13	12 30	16 43	16 17	12 47			n.a.
W14	23 20	6 45	2 4	19 44	0 38	24 16	1 41	20 1	1 10	22 55	0 5	0 2	2 29	24 0	0 23	0 7	1 51	30 14	12 30	16 43	16 18	12 44			n.a.
T 15	23 24	0 18	3 9	20 9	0 31	24 7	1 42	19 49	1 9	22 56	0 5	0 3	2 30	24 0	0 23	0 7	1 51	30 14	12 30	16 43	16 19	12 41			n.a.
F 16	23 28	6n 4	4 1	20 33	0 23	23 57	1 42	19 36	1 9	22 58	0 5	0 5	2 30	24 0	0 23	0 7	1 52	30 15	12 31	16 43	16 20	12 38			n.a.
S 17	23 31	12 5	4 40	20 57	0 15	23 46	1 42	19 24	1 8	22 59	0 5	0 6	2 30	23 59	0 23	0 7	1 52	30 16	12 31	16 44	16 21	12 35			n.a.
S 18	23 34	17 26	5 2	21 20	0 7	23 34	1 43	19 11	1 7	23 1	0 5	0 7	2 30	23 59	0 23	0 8	1 52	30 16	12 32	16 46	16 22	12 32			n.a.
M19	23 37	21 53	5 7	21 43	0s 0	23 22	1 43	18 58	1 7	23 2	0 5	0 8	2 31	23 59	0 23	0 8	1 52	30 17	12 32	16 48	16 23	12 29			n.a.
T 20	23 39	25 8	4 56	22 4	0 8	23 9	1 43	18 44	1 6	23 4	0 5	0 9	2 31	23 59	0 23	0 8	1 52	30 17	12 32	16 50	16 24	12 26			n.a.
W21	23 40	27 1	4 29	22 25	0 15	22 55	1 43	18 31	1 5	23 5	0 5	0 9	2 31	23 59	0 23	0 8	1 52	30 18	12 33	16 53	16 25	12 23			n.a.
T 22	23 41	27 27	3 50	22 45	0 22	22 40	1 43	18 17	1 5	23 6	0 4	0 10	2 31	23 59	0 23	0 9	1 52	30 19	12 33	16 55	16 26	12 20			n.a.
F 23	23 42	26 26	2 59	23 4	0 29	22 25	1 43	18 3	1 4	23 8	0 4	0 11	2 32	23 59	0 23	0 9	1 52	30 19	12 33	16 57	16 27	12 17			n.a.
S 24	23 42	24 9	2 2	23 21	0 36	22 10	1 42	17 49	1 3	23 9	0 4	0 12	2 32	23 59	0 23	0 9	1 52	30 20	12 34	16 59	16 27	12 13			n.a.
S 25	23 42	20 48	0 59	23 38	0 43	21 53	1 42	17 35	1 3	23 10	0 4	0 13	2 32	23 58	0 23	0 9	1 52	30 20	12 34	16 59	16 28	12 10			n.a.
M26	23 41	16 37	0s 5	23 54	0 49	21 36	1 42	17 21	1 2	23 11	0 4	0 13	2 33	23 58	0 23	0 9	1 52	30 21	12 34	17 0	16 29	12 7			n.a.
T 27	23 39	11 51	1 9	24 8	0 55	21 19	1 41	17 6	1 1	23 13	0 4	0 14	2 33	23 58	0 23	0 9	1 52	30 22	12 34	16 59	16 30	12 4			n.a.
W28	23 37	6 40	2 10	24 22	1 1	21 0	1 41	16 51	1 1	23 14	0 4	0 15	2 33	23 58	0 23	0 9	1 52	30 22	12 35	16 59	16 31	12 1			n.a.
T 29	23 35	1 15	3 6	24 34	1 7	20 42	1 40	16 37	1 0	23 15	0 4	0 15	2 33	23 58	0 23	0 9	1 52	30 23	12 35	16 58	16 32	11 58			n.a.
F 30	23 32	4s15	3 54	24 44	1 12	20 22	1 39	16 22	0 59	23 16	0 4	0 16	2 34	23 58	0 23	0 9	1 52	30 24	12 35	16 58	16 33	11 55			n.a.
S 31	23s29	9s42	4s32	24s54	1s18	20s 2	1s38	16s 7	0s59	23s17	0n 3	0s16	2n34	23s58	0s23	0s10	1n53	30n24	12n36	16s58	16s34	11n52			n.a.

Julian Day Number = 1713721.5, Delta T = 02h59m26s
Ecliptic obliquity = 23°41'57, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°21'12, Lahiri = - 4°14'12 Julian Calendar 1 Dec. 22 BCE == Greg. Calendar 29 Nov. 022 BCE

The year -21 astronomical counting style corresponds to year 022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 21 BCE
geocentric

JANUARY 21 BCE (-20) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 29 55	8♉28'20	26♎18	26♐36	9♒16	20♒ 6	20♐37	6♎34	5♉51	4♎41	8°R36	13°R25	14♒46	26♌33	n.a.	S 1
M 2	6 33 52	9°29'19	9♏ 6	28°12	10°30	20°51	20°50	6°36	5°55	4°41	8♌35	13♒21	14°42	26°39	n.a.	M 2
T 3	6 37 48	10°30'17	22°19	29°48	11°44	21°37	21° 4	6°37	5°58	4°41	8°34	13°17	14°39	26°46	n.a.	T 3
W 4	6 41 45	11°31'14	5♐58	1♉24	12°58	22°22	21°18	6°39	6° 2	4°41	8°33	13°12	14°36	26°52	n.a.	W 4
T 5	6 45 41	12°32'10	20° 2	3° 2	14°11	23° 8	21°31	6°40	6° 5	4°42	8°31	13° 7	14°33	26°59	n.a.	T 5
F 6	6 49 38	13°33'05	4♉29	4°40	15°25	23°54	21°45	6°42	6° 9	4°42	8°30	13° 2	14°30	27° 6	n.a.	F 6
S 7	6 53 35	14°33'58	19°12	6°19	16°39	24°39	21°58	6°43	6°12	4°42	8°29	12°59	14°26	27°12	n.a.	S 7
S 8	6 57 31	15°34'50	4♒ 3	7°58	17°52	25°25	22°12	6°44	6°16	4°R42	8°27	12°58	14°23	27°19	n.a.	S 8
M 9	7 1 28	16°35'41	18°55	9°39	19° 5	26°10	22°25	6°45	6°19	4°42	8°26	12°D58	14°20	27°26	n.a.	M 9
T 10	7 5 24	17°36'30	3♓41	11°20	20°19	26°55	22°38	6°46	6°23	4°42	8°24	12°59	14°17	27°32	n.a.	T 10
W11	7 9 21	18°37'18	18°15	13° 2	21°32	27°41	22°52	6°46	6°26	4°42	8°23	13° 0	14°14	27°39	n.a.	W11
T 12	7 13 17	19°38'03	2♈32	14°44	22°45	28°26	23° 5	6°47	6°30	4°41	8°21	13° 1	14°11	27°46	n.a.	T 12
F 13	7 17 14	20°38'47	16°32	16°28	23°59	29°11	23°18	6°48	6°33	4°41	8°20	13°R 2	14° 7	27°52	n.a.	F 13
S 14	7 21 10	21°39'29	0♉12	18°12	25°12	29°57	23°31	6°48	6°37	4°41	8°19	13° 2	14° 4	27°59	n.a.	S 14
S 15	7 25 7	22°40'09	13°35	19°57	26°25	0♓42	23°45	6°48	6°40	4°41	8°17	13° 1	14° 1	28° 6	n.a.	S 15
M16	7 29 4	23°40'48	26°41	21°43	27°38	1°27	23°58	6°49	6°44	4°41	8°16	12°59	13°58	28°12	n.a.	M16
T 17	7 33 0	24°41'25	9♊31	23°30	28°51	2°12	24°11	6°49	6°47	4°40	8°14	12°56	13°55	28°19	n.a.	T 17
W18	7 36 57	25°42'00	22° 8	25°18	0♓ 4	2°57	24°24	6°R49	6°50	4°40	8°13	12°53	13°52	28°26	n.a.	W18
T 19	7 40 53	26°42'33	4♋33	27° 7	1°17	3°42	24°37	6°49	6°54	4°40	8°11	12°51	13°48	28°32	n.a.	T 19
F 20	7 44 50	27°43'04	16°47	28°56	2°29	4°27	24°49	6°48	6°57	4°39	8°10	12°49	13°45	28°39	n.a.	F 20
S 21	7 48 46	28°43'34	28°52	0♒46	3°42	5°12	25° 2	6°48	7° 1	4°39	8° 8	12°47	13°42	28°46	n.a.	S 21
S 22	7 52 43	29°44'02	10♌50	2°37	4°55	5°57	25°15	6°48	7° 4	4°39	8° 7	12°D47	13°39	28°52	n.a.	S 22
M23	7 56 39	0♒44'28	22°41	4°28	6° 7	6°42	25°28	6°47	7° 7	4°38	8° 5	12°47	13°36	28°59	n.a.	M23
T 24	8 0 36	1°44'52	4♍30	6°20	7°20	7°27	25°40	6°47	7°10	4°38	8° 4	12°48	13°32	29° 5	n.a.	T 24
W25	8 4 33	2°45'15	16°18	8°13	8°32	8°12	25°53	6°46	7°14	4°37	8° 2	12°49	13°29	29°12	n.a.	W25
T 26	8 8 29	3°45'36	28° 8	10° 6	9°44	8°57	26° 5	6°45	7°17	4°36	8° 1	12°50	13°26	29°19	n.a.	T 26
F 27	8 12 26	4°45'56	10♎ 5	11°59	10°56	9°41	26°18	6°44	7°20	4°36	7°59	12°51	13°23	29°25	n.a.	F 27
S 28	8 16 22	5°46'14	22°13	13°53	12° 9	10°26	26°30	6°43	7°23	4°35	7°58	12°51	13°20	29°32	n.a.	S 28
S 29	8 20 19	6°46'30	4♏37	15°46	13°21	11°11	26°43	6°42	7°27	4°35	7°56	12°R51	13°17	29°39	n.a.	S 29
M30	8 24 15	7°46'45	17°19	17°39	14°33	11°55	26°55	6°41	7°30	4°34	7°54	12°51	13°13	29°45	n.a.	M30
T 31	8 28 12	8♒46'59	0♐26	19♒32	15♓44	12♓40	27♐ 7	6♎40	7♉33	4♎33	7♌53	12♒51	13♒10	29♌52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23s26	14s53	4s59	25s 2	1s23	19s42	1s38	15s51	0s58	23s18	0n 3	0s17	2n34	23s57	0s23	0s10	1n53	30n25	12n36	16s59	16s35	11n49			n.a.
M 2	23 21	19 36	5 12	25 9	1 28	19 21	1 37	15 36	0 57	23 19	0 3	0 17	2 34	23 57	0 23	0 10	1 53	30 25	12 36	17 0	16 36	11 46			n.a.
T 3	23 17	23 31	5 9	25 14	1 32	18 59	1 36	15 21	0 56	23 20	0 3	0 18	2 35	23 57	0 23	0 10	1 53	30 26	12 36	17 1	16 37	11 43			n.a.
W 4	23 12	26 16	4 48	25 18	1 36	18 37	1 34	15 5	0 56	23 22	0 3	0 18	2 35	23 57	0 23	0 10	1 53	30 27	12 37	17 2	16 38	11 40			n.a.
T 5	23 6	27 29	4 10	25 20	1 40	18 14	1 33	14 49	0 55	23 22	0 3	0 18	2 35	23 57	0 23	0 10	1 53	30 27	12 37	17 4	16 39	11 36			n.a.
F 6	23 0	26 53	3 16	25 21	1 44	17 51	1 32	14 33	0 54	23 23	0 3	0 18	2 36	23 57	0 23	0 10	1 53	30 28	12 37	17 5	16 40	11 33			n.a.
S 7	22 54	24 24	2 7	25 20	1 48	17 27	1 31	14 17	0 54	23 24	0 3	0 19	2 36	23 56	0 23	0 10	1 53	30 29	12 37	17 6	16 41	11 30			n.a.
S 8	22 47	20 15	0 49	25 18	1 51	17 3	1 29	14 1	0 53	23 25	0 3	0 19	2 36	23 56	0 23	0 10	1 53	30 29	12 38	17 6	16 42	11 27			n.a.
M 9	22 39	14 48	0n33	25 14	1 53	16 39	1 28	13 45	0 52	23 26	0 3	0 19	2 36	23 56	0 23	0 9	1 53	30 30	12 38	17 6	16 42	11 24			n.a.
T 10	22 32	8 32	1 52	25 8	1 56	16 14	1 26	13 29	0 52	23 27	0 2	0 19	2 37	23 56	0 23	0 9	1 53	30 30	12 38	17 6	16 43	11 21			n.a.
W11	22 23	1 54	3 2	25 0	1 58	15 49	1 25	13 12	0 51	23 28	0 2	0 19	2 37	23 56	0 23	0 9	1 53	30 31	12 38	17 6	16 44	11 18			n.a.
T 12	22 15	4n41	4 0	24 51	1 59	15 23	1 23	12 56	0 50	23 29	0 2	0 19	2 37	23 56	0 23	0 9	1 53	30 32	12 39	17 5	16 45	11 15			n.a.
F 13	22 6	10 54	4 42	24 40	2 1	14 57	1 21	12 39	0 49	23 30	0 2	0 19	2 37	23 55	0 23	0 9	1 53	30 32	12 39	17 5	16 46	11 12			n.a.
S 14	21 56	16 27	5 8	24 27	2 2	14 30	1 19	12 22	0 49	23 30	0 2	0 19	2 38	23 55	0 23	0 9	1 53	30 33	12 39	17 5	16 47	11 8			n.a.
S 15	21 46	21 5	5 15	24 12	2 2	14 3	1 17	12 5	0 48	23 31	0 2	0 19	2 38	23 55	0 23	0 9	1 54	30 33	12 39	17 5	16 48	11 5			n.a.
M16	21 36	24 35	5 7	23 56	2 2	13 36	1 15	11 49	0 47	23 32	0 2	0 19	2 38	23 55	0 23	0 9	1 54	30 34	12 39	17 6	16 49	11 2			n.a.
T 17	21 25	26 46	4 42	23 37	2 2	13 8	1 13	11 32	0 47	23 32	0 2	0 19	2 39	23 55	0 23	0 8	1 54	30 35	12 39	17 7	16 50	10 59			n.a.
W18	21 14	27 32	4 5	23 17	2 1	12 40	1 11	11 14	0 46	23 33	0 2	0 18	2 39	23 55	0 23	0 8	1 54	30 35	12 40	17 8	16 51	10 56			n.a.
T 19	21 2	26 53	3 16	22 55	1 59	12 12	1 8	10 57	0 45	23 34	0 2	0 18	2 39	23 55	0 24	0 8	1 54	30 36	12 40	17 8	16 52	10 53			n.a.
F 20	20 51	24 56	2 19	22 30	1 57	11 44	1 6	10 40	0 44	23 34	0 1	0 18	2 39	23 54	0 24	0 8	1 54	30 36	12 40	17 9	16 53	10 50			n.a.
S 21	20 38	21 51	1 16	22 4	1 55	11 15	1 4	10 23	0 44	23 35	0 1	0 17	2 40	23 54	0 24	0 8	1 54	30 37	12 40	17 9	16 54	10 47			n.a.
S 22	20 26	17 53	0 11	21 36	1 52	10 46	1 1	10 5	0 43	23 36	0 1	0 17	2 40	23 54	0 24	0 7	1 54	30 37	12 40	17 9	16 55	10 43			n.a.
M23	20 13	13 14	0s55	21 6	1 48	10 16	0 59	9 48	0 42	23 36	0 1	0 16	2 40	23 54	0 24	0 7	1 54	30 38	12 40	17 9	16 55	10 40			n.a.
T 24	19 59	8 9	1 58	20 34	1 44	9 47	0 56	9 30	0 41	23 37	0 1	0 16	2 40	23 54	0 24	0 7	1 54	30 38	12 40	17 9	16 56	10 37			n.a.
W25	19 45	2 46	2 56	20 0	1 39	9 17	0 53	9 13	0 41	23 37	0 1	0 15	2 41	23 54	0 24	0 7	1 54	30 39	12 41	17 9	16 57	10 34			n.a.
T 26	19 31	2s42	3 46	19 24	1 34	8 47	0 51	8 55	0 40	23 38	0 1	0 15	2 41	23 53	0 24	0 6	1 54	30 40	12 41	17 9	16 58	10 31			n.a.
F 27	19 17	8 8	4 27	18 47	1 28	8 17	0 48	8 38	0 39	23 38	0 1	0 14	2 41	23 53	0 24	0 6	1 54	30 40	12 41	17 8	16 59	10 28			n.a.
S 28	19 2	13 20	4 58	18 8	1 21	7 46	0 45	8 20	0 39	23 39	0 1	0 14	2 42	23 53	0 24	0 6	1 54	30 41	12 41	17 8	17 0	10 25			n.a.
S 29	18 47	18 7	5 15	17 27	1 13	7 16	0 42	8 2	0 38	23 39	0 0	0 13	2 42	23 53	0 24	0 5	1 54	30 41	12 41	17 8	17 1	10 22			n.a.
M30	18 31	22 15	5 17	16 45	1 5	6 45	0 39	7 44	0 37	23 39	0 0	0 12	2 42	23 53	0 24	0 5	1 54	30 42	12 41	17 8	17 2	10 18			n.a.
T 31	18s16	25s24	5s 3	16s 1	0s57	6s14	0s36	7s26	0s36	23s40	0n 0	0s12	2n42	23s53	0s24	0s 5	1n55	30n42	12n41	17s 8	17s 3	10n15			n.a.

Julian Day Number = 1713752.5, Delta T = 02h59m25s
Ecliptic obliquity = 23°41'57, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°21'08, Lahiri = - 4°14'07 Julian Calendar 1 Jan. 21 BCE == Greg. Calendar 30 Dec. 022 BCE

The year -20 astronomical counting style corresponds to year 021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 21 BCE
geocentric

FEBRUARY 21 BCE (-20) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 32 8	9♒47'10	13♐58	21♒24	16♓56	13♓24	27♐19	6°R38	7♑36	4°R32	7°R51	12°R51	13♒ 7	29♌59	n.a.	W 1
T 2	8 36 5	10°47'20	27°57	23°14	18° 8	14° 9	27°31	6♎37	7°39	4♎32	7♌50	12♒51	13° 4	0♍ 5	n.a.	T 2
F 3	8 40 2	11°47'29	12♑23	25° 3	19°19	14°53	27°43	6°35	7°42	4°31	7°48	12°50	13° 1	0°12	n.a.	F 3
S 4	8 43 58	12°47'35	27°10	26°50	20°31	15°38	27°55	6°34	7°45	4°30	7°47	12°D50	12°58	0°19	n.a.	S 4
S 5	8 47 55	13°47'40	12♒13	28°35	21°42	16°22	28° 7	6°32	7°48	4°29	7°45	12°R50	12°54	0°25	n.a.	S 5
M 6	8 51 51	14°47'42	27°23	0♓17	22°54	17° 6	28°19	6°30	7°51	4°28	7°44	12°50	12°51	0°32	n.a.	M 6
T 7	8 55 48	15°47'43	12♓31	1°55	24° 5	17°51	28°30	6°28	7°54	4°27	7°42	12°50	12°48	0°39	n.a.	T 7
W 8	8 59 44	16°47'41	27°27	3°29	25°16	18°35	28°42	6°26	7°57	4°26	7°41	12°50	12°45	0°45	n.a.	W 8
T 9	9 3 41	17°47'37	12♈ 4	4°59	26°27	19°19	28°53	6°24	8° 0	4°25	7°39	12°49	12°42	0°52	n.a.	T 9
F 10	9 7 37	18°47'31	26°18	6°24	27°38	20° 3	29° 5	6°21	8° 3	4°24	7°38	12°49	12°38	0°59	n.a.	F 10
S 11	9 11 34	19°47'22	10♉ 7	7°43	28°49	20°47	29°16	6°19	8° 6	4°23	7°36	12°48	12°35	1° 5	n.a.	S 11
S 12	9 15 31	20°47'11	23°31	8°56	29°59	21°31	29°27	6°17	8° 9	4°22	7°35	12°D48	12°32	1°12	n.a.	S 12
M13	9 19 27	21°46'58	6♊32	10° 3	1♈10	22°15	29°38	6°14	8°12	4°21	7°33	12°49	12°29	1°19	n.a.	M13
T 14	9 23 24	22°46'42	19°13	11° 3	2°20	22°59	29°49	6°12	8°14	4°20	7°32	12°49	12°26	1°25	n.a.	T 14
W15	9 27 20	23°46'24	1♋37	11°55	3°31	23°43	0♑ 0	6° 9	8°17	4°19	7°30	12°50	12°23	1°32	n.a.	W15
T 16	9 31 17	24°46'04	13°48	12°39	4°41	24°27	0°11	6° 6	8°20	4°18	7°29	12°51	12°19	1°38	n.a.	T 16
F 17	9 35 13	25°45'42	25°50	13°16	5°51	25°11	0°22	6° 3	8°23	4°17	7°27	12°52	12°16	1°45	n.a.	F 17
S 18	9 39 10	26°45'17	7♌44	13°45	7° 1	25°55	0°33	6° 0	8°25	4°15	7°26	12°R53	12°13	1°52	n.a.	S 18
S 19	9 43 6	27°44'50	19°35	14° 5	8°10	26°38	0°43	5°57	8°28	4°14	7°24	12°53	12°10	1°58	n.a.	S 19
M20	9 47 3	28°44'20	1♍23	14°17	9°20	27°22	0°54	5°54	8°30	4°13	7°23	12°52	12° 7	2° 5	n.a.	M20
T 21	9 51 0	29°43'49	13°12	14°R21	10°30	28° 6	1° 4	5°51	8°33	4°12	7°22	12°50	12° 4	2°12	n.a.	T 21
W22	9 54 56	0♓43'15	25° 3	14°17	11°39	28°49	1°14	5°48	8°35	4°10	7°20	12°48	12° 0	2°18	n.a.	W22
T 23	9 58 53	1°42'39	6♎58	14° 5	12°48	29°33	1°24	5°45	8°38	4° 9	7°19	12°45	11°57	2°25	n.a.	T 23
F 24	10 2 49	2°42'02	19° 1	13°46	13°57	0♈16	1°34	5°41	8°40	4° 8	7°17	12°42	11°54	2°32	n.a.	F 24
S 25	10 6 46	3°41'22	1♏13	13°20	15° 6	1° 0	1°44	5°38	8°43	4° 7	7°16	12°39	11°51	2°38	n.a.	S 25
S 26	10 10 42	4°40'41	13°38	12°48	16°15	1°43	1°54	5°34	8°45	4° 5	7°15	12°36	11°48	2°45	n.a.	S 26
M27	10 14 39	5°39'58	26°19	12°11	17°23	2°27	2° 4	5°31	8°47	4° 4	7°13	12°35	11°44	2°52	n.a.	M27
T 28	10 18 35	6°39'13	9♐19	11°29	18°32	3°10	2°13	5°27	8°50	4° 2	7°12	12°D35	11°41	2°58	n.a.	T 28
W29	10 22 32	7♓38'26	22♐42	10♓44	19♈40	3♈53	2♑23	5♎23	8♑52	4♎ 1	7♌11	12♒35	11♒38	3♍ 5	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s59	27s14	4s32	15s16	0s47	5s43	0s33	7s 8	0s36	23s40	0n 0	0s11	2n43	23s52	0s24	0s 4	1n55	30n43	12n41	17s 8	17s 4	10n12		n.a.
T 2	17 43	27 26	3 45	14 30	0 37	5 12	0 30	6 50	0 35	23 41	0 0	0 10	2 43	23 52	0 24	0 4	1 55	30 43	12 41	17 8	17 5	10 9		n.a.
F 3	17 26	25 48	2 41	13 43	0 26	4 40	0 26	6 32	0 34	23 41	0s 0	0 9	2 43	23 52	0 24	0 4	1 55	30 44	12 41	17 8	17 5	10 6		n.a.
S 4	17 9	22 21	1 26	12 56	0 15	4 9	0 23	6 14	0 34	23 41	0 0	0 8	2 43	23 52	0 24	0 3	1 55	30 44	12 41	17 8	17 6	10 3		n.a.
S 5	16 52	17 22	0 3	12 9	0 3	3 37	0 20	5 56	0 33	23 41	0 0	0 7	2 44	23 52	0 24	0 3	1 55	30 45	12 41	17 8	17 7	10 0		n.a.
M 6	16 34	11 15	1n20	11 21	0n 9	3 6	0 16	5 38	0 32	23 42	0 0	0 6	2 44	23 52	0 24	0 2	1 55	30 45	12 41	17 8	17 8	9 56		n.a.
T 7	16 16	4 31	2 38	10 34	0 22	2 34	0 13	5 20	0 31	23 42	0 1	0 5	2 44	23 51	0 24	0 2	1 55	30 45	12 41	17 9	17 9	9 53		n.a.
W 8	15 58	2n23	3 43	9 47	0 36	2 3	0 9	5 2	0 31	23 42	0 1	0 4	2 44	23 51	0 24	0 2	1 55	30 46	12 41	17 9	17 10	9 50		n.a.
T 9	15 40	9 0	4 33	9 1	0 49	1 31	0 6	4 44	0 30	23 42	0 1	0 3	2 45	23 51	0 24	0 1	1 55	30 46	12 41	17 9	17 11	9 47		n.a.
F 10	15 21	14 59	5 5	8 17	1 3	0 59	0 2	4 26	0 29	23 43	0 1	0 2	2 45	23 51	0 24	0 1	1 55	30 47	12 41	17 9	17 12	9 44		n.a.
S 11	15 2	20 1	5 17	7 34	1 17	0 27	0n 1	4 8	0 29	23 43	0 1	0 1	2 45	23 51	0 24	0 0	1 55	30 47	12 41	17 9	17 13	9 41		n.a.
S 12	14 43	23 53	5 12	6 54	1 31	0n 4	0 5	3 49	0 28	23 43	0 1	0n 0	2 45	23 51	0 24	0n 0	1 55	30 48	12 41	17 9	17 14	9 37		n.a.
M13	14 24	26 25	4 51	6 16	1 45	0 36	0 9	3 31	0 27	23 43	0 1	0 2	2 45	23 50	0 24	0 1	1 55	30 48	12 41	17 9	17 15	9 34		n.a.
T 14	14 4	27 30	4 16	5 40	1 59	1 8	0 13	3 13	0 26	23 43	0 1	0 3	2 46	23 50	0 24	0 1	1 55	30 48	12 41	17 9	17 15	9 31		n.a.
W15	13 44	27 11	3 30	5 8	2 13	1 40	0 16	2 55	0 26	23 43	0 1	0 4	2 46	23 50	0 24	0 2	1 55	30 49	12 41	17 8	17 16	9 28		n.a.
T 16	13 24	25 32	2 34	4 39	2 26	2 11	0 20	2 37	0 25	23 44	0 2	0 5	2 46	23 50	0 24	0 2	1 55	30 49	12 41	17 8	17 17	9 25		n.a.
F 17	13 4	22 44	1 33	4 13	2 38	2 43	0 24	2 18	0 24	23 44	0 2	0 7	2 46	23 50	0 24	0 3	1 55	30 49	12 41	17 8	17 18	9 22		n.a.
S 18	12 44	19 0	0 29	3 51	2 50	3 14	0 28	2 0	0 24	23 44	0 2	0 8	2 47	23 50	0 24	0 3	1 56	30 50	12 41	17 8	17 19	9 19		n.a.
S 19	12 23	14 31	0s37	3 33	3 0	3 46	0 32	1 42	0 23	23 44	0 2	0 9	2 47	23 50	0 24	0 4	1 56	30 50	12 41	17 8	17 20	9 15		n.a.
M20	12 2	9 32	1 41	3 20	3 10	4 17	0 36	1 24	0 22	23 44	0 2	0 11	2 47	23 49	0 24	0 4	1 56	30 50	12 41	17 8	17 21	9 12		n.a.
T 21	11 41	4 13	2 40	3 10	3 19	4 48	0 40	1 6	0 22	23 44	0 2	0 12	2 47	23 49	0 24	0 5	1 56	30 51	12 41	17 8	17 22	9 9		n.a.
W22	11 20	1s15	3 32	3 5	3 26	5 20	0 44	0 47	0 21	23 44	0 2	0 14	2 47	23 49	0 24	0 5	1 56	30 51	12 41	17 9	17 23	9 6		n.a.
T 23	10 59	6 42	4 16	3 5	3 32	5 51	0 48	0 29	0 20	23 44	0 2	0 15	2 47	23 49	0 24	0 6	1 56	30 51	12 41	17 10	17 24	9 3		n.a.
F 24	10 37	11 58	4 49	3 8	3 36	6 21	0 52	0 11	0 19	23 44	0 3	0 17	2 48	23 49	0 24	0 6	1 56	30 52	12 41	17 11	17 24	8 59		n.a.
S 25	10 16	16 50	5 9	3 16	3 39	6 52	0 56	0n 7	0 19	23 44	0 3	0 18	2 48	23 49	0 24	0 7	1 56	30 52	12 41	17 12	17 25	8 56		n.a.
S 26	9 54	21 6	5 15	3 27	3 39	7 23	1 0	0 25	0 18	23 44	0 3	0 20	2 48	23 49	0 24	0 8	1 56	30 52	12 41	17 12	17 26	8 53		n.a.
M27	9 32	24 29	5 6	3 42	3 38	7 53	1 4	0 43	0 17	23 44	0 3	0 21	2 48	23 48	0 24	0 8	1 56	30 53	12 40	17 13	17 27	8 50		n.a.
T 28	9 10	26 43	4 42	4 1	3 36	8 23	1 8	1 1	0 17	23 44	0 3	0 23	2 48	23 48	0 24	0 9	1 56	30 53	12 40	17 13	17 28	8 47		n.a.
W29	8s48	27s31	4s 1	4s22	3n31	8n53	1n12	1n19	0s16	23s44	0s 3	0n25	2n49	23s48	0s24	0n 9	1n56	30n53	12n40	17s13	17s29	8n44		n.a.

Julian Day Number = 1713783.5, Delta T = 02h59m24s
Ecliptic obliquity = 23°41'57, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°21'04, Lahiri = - 4°14'03 Julian Calendar 1 Feb. 21 BCE == Greg. Calendar 30 Jan. 021 BCE

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ASTRODIENST EPHEMERIS for the year 21 BCE
geocentric

MARCH 21 BCE (-20) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 26 29	8♓37'37	6♉30	9°R56	20♈48	4♈36	2♉32	5°R20	8♉54	4°R 0	7°R10	12♒37	11♒35	3♍12	n.a.	T 1
F 2	10 30 25	9°36'47	20°44	9♓ 6	21°56	5°20	2°41	5♎16	8°56	3♎58	7♌ 8	12°38	11°32	3°18	n.a.	F 2
S 3	10 34 22	10°35'54	5♒21	8°16	23° 4	6° 3	2°50	5°12	8°58	3°57	7° 7	12°R39	11°29	3°25	n.a.	S 3
S 4	10 38 18	11°35'00	20°18	7°26	24°11	6°46	2°59	5° 8	9° 0	3°55	7° 6	12°39	11°25	3°32	n.a.	S 4
M 5	10 42 15	12°34'03	5♓28	6°37	25°19	7°29	3° 8	5° 4	9° 2	3°54	7° 5	12°38	11°22	3°38	n.a.	M 5
T 6	10 46 11	13°33'04	20°42	5°51	26°26	8°12	3°17	5° 0	9° 4	3°52	7° 3	12°35	11°19	3°45	n.a.	T 6
W 7	10 50 8	14°32'03	5♈49	5° 8	27°33	8°55	3°26	4°56	9° 6	3°51	7° 2	12°31	11°16	3°52	n.a.	W 7
T 8	10 54 4	15°31'00	20°40	4°28	28°40	9°38	3°34	4°52	9° 8	3°49	7° 1	12°26	11°13	3°58	n.a.	T 8
F 9	10 58 1	16°29'55	5♉ 8	3°53	29°47	10°20	3°42	4°48	9°10	3°48	7° 0	12°21	11° 9	4° 5	n.a.	F 9
S 10	11 1 57	17°28'47	19° 8	3°22	0♉53	11° 3	3°51	4°43	9°12	3°46	6°59	12°17	11° 6	4°12	n.a.	S 10
S 11	11 5 54	18°27'37	2♊40	2°56	1°59	11°46	3°59	4°39	9°14	3°45	6°58	12°14	11° 3	4°18	n.a.	S 11
M12	11 9 51	19°26'25	15°44	2°35	3° 5	12°29	4° 7	4°35	9°15	3°43	6°57	12°D13	11° 0	4°25	n.a.	M12
T 13	11 13 47	20°25'10	28°24	2°20	4°11	13°11	4°14	4°31	9°17	3°41	6°56	12°13	10°57	4°32	n.a.	T 13
W14	11 17 44	21°23'53	10♋45	2°10	5°17	13°54	4°22	4°26	9°19	3°40	6°55	12°15	10°54	4°38	n.a.	W14
T 15	11 21 40	22°22'33	22°50	2°D 5	6°22	14°37	4°30	4°22	9°20	3°38	6°54	12°16	10°50	4°45	n.a.	T 15
F 16	11 25 37	23°21'12	4♌46	2° 6	7°27	15°19	4°37	4°18	9°22	3°37	6°53	12°17	10°47	4°52	n.a.	F 16
S 17	11 29 33	24°19'48	16°35	2°11	8°32	16° 2	4°44	4°13	9°23	3°35	6°52	12°R18	10°44	4°58	n.a.	S 17
S 18	11 33 30	25°18'21	28°22	2°22	9°36	16°44	4°51	4° 9	9°25	3°33	6°51	12°16	10°41	5° 5	n.a.	S 18
M19	11 37 26	26°16'53	10♍10	2°38	10°41	17°26	4°58	4° 4	9°26	3°32	6°50	12°13	10°38	5°11	n.a.	M19
T 20	11 41 23	27°15'22	22° 2	2°58	11°45	18° 9	5° 5	4° 0	9°27	3°30	6°49	12° 7	10°35	5°18	n.a.	T 20
W21	11 45 20	28°13'50	3♎59	3°23	12°49	18°51	5°12	3°55	9°29	3°29	6°48	12° 0	10°31	5°25	n.a.	W21
T 22	11 49 16	29°12'15	16° 3	3°52	13°52	19°33	5°18	3°51	9°30	3°27	6°47	11°51	10°28	5°31	n.a.	T 22
F 23	11 53 13	0♈10'39	28°16	4°26	14°55	20°15	5°25	3°46	9°31	3°25	6°47	11°42	10°25	5°38	n.a.	F 23
S 24	11 57 9	1° 9'01	10♏39	5° 3	15°58	20°57	5°31	3°42	9°32	3°24	6°46	11°34	10°22	5°45	n.a.	S 24
S 25	12 1 6	2° 7'21	23°13	5°45	17° 1	21°40	5°37	3°37	9°34	3°22	6°45	11°26	10°19	5°51	n.a.	S 25
M26	12 5 2	3° 5'39	6♐ 1	6°30	18° 3	22°22	5°43	3°33	9°35	3°20	6°44	11°21	10°15	5°58	n.a.	M26
T 27	12 8 59	4° 3'56	19° 3	7°18	19° 5	23° 4	5°49	3°28	9°36	3°19	6°44	11°18	10°12	6° 5	n.a.	T 27
W28	12 12 55	5° 2'12	2♉23	8°10	20° 6	23°46	5°54	3°24	9°37	3°17	6°43	11°D17	10° 9	6°11	n.a.	W28
T 29	12 16 52	6° 0'25	16° 2	9° 5	21° 8	24°27	5°59	3°19	9°38	3°15	6°42	11°17	10° 6	6°18	n.a.	T 29
F 30	12 20 49	6°58'37	0♒ 2	10° 3	22° 9	25° 9	6° 5	3°15	9°38	3°14	6°42	11°18	10° 3	6°25	n.a.	F 30
S 31	12 24 45	7♈56'48	14♒23	11♓ 4	23♉ 9	25♈51	6♉10	3♎10	9♉39	3♎12	6♌41	11°R18	10♒ 0	6♍31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	8s25	26s38	3s 6	4s46	3n25	9n23	1n16	1n37	0s15	23s44	0s 3	0n26	2n49	23s48	0s24	0n10	1n56	30n53	12n40	17s12	17s30	8n40			n.a.
F 2	8 3	24 1	1 58	5 12	3 17	9 53	1 20	1 55	0 15	23 44	0 3	0 28	2 49	23 48	0 24	0 11	1 56	30 53	12 40	17 12	17 31	8 37			n.a.
S 3	7 40	19 47	0 40	5 40	3 7	10 22	1 25	2 13	0 14	23 44	0 4	0 30	2 49	23 48	0 24	0 11	1 56	30 54	12 40	17 12	17 32	8 34			n.a.
S 4	7 18	14 13	0n42	6 9	2 56	10 51	1 29	2 31	0 13	23 44	0 4	0 31	2 49	23 48	0 24	0 12	1 56	30 54	12 40	17 12	17 32	8 31			n.a.
M 5	6 55	7 43	2 2	6 38	2 44	11 20	1 33	2 48	0 13	23 43	0 4	0 33	2 49	23 48	0 24	0 12	1 56	30 54	12 40	17 12	17 33	8 28			n.a.
T 6	6 32	0 46	3 13	7 8	2 31	11 48	1 37	3 6	0 12	23 43	0 4	0 35	2 49	23 47	0 24	0 13	1 56	30 54	12 39	17 13	17 34	8 25			n.a.
W 7	6 9	6n10	4 11	7 37	2 17	12 17	1 41	3 24	0 11	23 43	0 4	0 36	2 49	23 47	0 24	0 14	1 56	30 54	12 39	17 14	17 35	8 21			n.a.
T 8	5 46	12 37	4 50	8 5	2 2	12 45	1 45	3 42	0 11	23 43	0 4	0 38	2 50	23 47	0 25	0 14	1 56	30 55	12 39	17 15	17 36	8 18			n.a.
F 9	5 23	18 13	5 10	8 32	1 47	13 13	1 49	3 59	0 10	23 43	0 4	0 40	2 50	23 47	0 25	0 15	1 56	30 55	12 39	17 17	17 37	8 15			n.a.
S 10	5 0	22 39	5 10	8 58	1 31	13 40	1 53	4 17	0 9	23 43	0 4	0 42	2 50	23 47	0 25	0 16	1 56	30 55	12 39	17 18	17 38	8 12			n.a.
S 11	4 37	25 42	4 53	9 22	1 15	14 7	1 57	4 34	0 9	23 43	0 5	0 44	2 50	23 47	0 25	0 16	1 56	30 55	12 39	17 19	17 39	8 9			n.a.
M12	4 13	27 15	4 21	9 44	1 0	14 34	2 1	4 52	0 8	23 43	0 5	0 45	2 50	23 47	0 25	0 17	1 56	30 55	12 38	17 19	17 40	8 5			n.a.
T 13	3 50	27 18	3 37	10 4	0 44	15 0	2 5	5 9	0 7	23 43	0 5	0 47	2 50	23 47	0 25	0 18	1 56	30 55	12 38	17 19	17 40	8 2			n.a.
W14	3 27	25 58	2 43	10 22	0 29	15 26	2 9	5 26	0 7	23 43	0 5	0 49	2 50	23 47	0 25	0 18	1 56	30 55	12 38	17 19	17 41	7 59			n.a.
T 15	3 3	23 27	1 44	10 38	0 13	15 52	2 13	5 44	0 6	23 42	0 5	0 51	2 50	23 47	0 25	0 19	1 56	30 55	12 38	17 18	17 42	7 56			n.a.
F 16	2 40	19 57	0 41	10 52	0s 1	16 18	2 16	6 1	0 5	23 42	0 5	0 53	2 50	23 47	0 25	0 20	1 56	30 55	12 38	17 18	17 43	7 53			n.a.
S 17	2 17	15 40	0s23	11 3	0 15	16 43	2 20	6 18	0 5	23 42	0 5	0 54	2 50	23 46	0 25	0 20	1 56	30 55	12 37	17 18	17 44	7 49			n.a.
S 18	1 53	10 49	1 26	11 12	0 29	17 7	2 24	6 35	0 4	23 42	0 6	0 56	2 50	23 46	0 25	0 21	1 56	30 56	12 37	17 18	17 45	7 46			n.a.
M19	1 30	5 36	2 25	11 18	0 42	17 31	2 28	6 52	0 3	23 42	0 6	0 58	2 51	23 46	0 25	0 22	1 56	30 56	12 37	17 19	17 46	7 43			n.a.
T 20	1 6	0 10	3 18	11 23	0 55	17 55	2 31	7 9	0 3	23 42	0 6	1 0	2 51	23 46	0 25	0 22	1 56	30 56	12 37	17 21	17 47	7 40			n.a.
W21	0 43	5s18	4 3	11 24	1 7	18 18	2 35	7 26	0 2	23 42	0 6	1 2	2 51	23 46	0 25	0 23	1 56	30 56	12 36	17 23	17 47	7 37			n.a.
T 22	0 19	10 38	4 37	11 24	1 18	18 41	2 38	7 43	0 1	23 42	0 6	1 4	2 51	23 46	0 25	0 24	1 56	30 56	12 36	17 25	17 48	7 33			n.a.
F 23	0n 4	15 37	4 59	11 22	1 28	19 4	2 42	7 59	0 1	23 41	0 6	1 5	2 51	23 46	0 25	0 24	1 56	30 56	12 36	17 28	17 49	7 30			n.a.
S 24	0 28	20 2	5 7	11 17	1 38	19 26	2 45	8 16	0 0	23 41	0 6	1 7	2 51	23 46	0 25	0 25	1 56	30 56	12 36	17 30	17 50	7 27			n.a.
S 25	0 51	23 37	5 1	11 10	1 48	19 48	2 49	8 32	0n 1	23 41	0 7	1 9	2 51	23 46	0 25	0 26	1 56	30 56	12 36	17 32	17 51	7 24			n.a.
M26	1 15	26 7	4 39	11 1	1 56	20 9	2 52	8 49	0 1	23 41	0 7	1 11	2 51	23 46	0 25	0 26	1 56	30 56	12 35	17 34	17 52	7 21			n.a.
T 27	1 38	27 17	4 3	10 50	2 4	20 29	2 55	9 5	0 2	23 41	0 7	1 13	2 51	23 46	0 25	0 27	1 56	30 55	12 35	17 35	17 53	7 17			n.a.
W28	2 1	26 54	3 13	10 37	2 11	20 49	2 59	9 21	0 2	23 41	0 7	1 15	2 51	23 46	0 25	0 28	1 56	30 55	12 35	17 35	17 53	7 14			n.a.
T 29	2 25	24 54	2 11	10 22	2 18	21 9	3 2	9 38	0 3	23 41	0 7	1 16	2 51	23 46	0 25	0 28	1 56	30 55	12 35	17 35	17 54	7 11			n.a.
F 30	2 48	21 20	1 0	10 6	2 23	21 28	3 5	9 54	0 4	23 41	0 7	1 18	2 51	23 46	0 25	0 29	1 56	30 55	12 34	17 35	17 55	7 8			n.a.
S 31	3n11	16s26	0n17	9s47	2s29	21n47	3n 8	10n10	0n 4	23s41	0s 7	1n20	2n51	23s46	0s25	0n29	1n56	30n55	12n34	17s35	17s56	7n 5			n.a.

Julian Day Number = 1713812.5, Delta T = 02h59m23s
Ecliptic obliquity = 23°41'57, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°21'00, Lahiri = - 4°13'59 Julian Calendar 1 March 21 BCE == Greg. Calendar 28 Feb. 021 BCE

The year -20 astronomical counting style corresponds to year 021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 21 BCE
geocentric

APRIL 21 BCE (-20) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 28 42	8♈54'57	29♒ 4	12♓ 7	24♉ 9	26♈33	6♑15	3°R 6	9♑40	3°R11	6°R40	11°R17	9♒56	6♍38	n.a.	S 1
M 2	12 32 38	9°53'04	13♓58	13°14	25° 9	27°15	6°19	3♎ 1	9°41	3♎ 9	6♌40	11♒13	9°53	6°45	n.a.	M 2
T 3	12 36 35	10°51'10	29° 1	14°23	26° 9	27°56	6°24	2°57	9°41	3° 7	6°39	11° 7	9°50	6°51	n.a.	T 3
W 4	12 40 31	11°49'14	14♈ 2	15°35	27° 8	28°38	6°28	2°52	9°42	3° 6	6°39	10°59	9°47	6°58	n.a.	W 4
T 5	12 44 28	12°47'16	28°52	16°49	28° 6	29°20	6°33	2°48	9°43	3° 4	6°39	10°50	9°44	7° 5	n.a.	T 5
F 6	12 48 24	13°45'16	13♉23	18° 5	29° 5	0♉ 1	6°37	2°43	9°43	3° 2	6°38	10°40	9°41	7°11	n.a.	F 6
S 7	12 52 21	14°43'15	27°28	19°24	0♊ 2	0°43	6°41	2°39	9°44	3° 1	6°38	10°32	9°37	7°18	n.a.	S 7
S 8	12 56 17	15°41'12	11♊ 5	20°45	1° 0	1°24	6°44	2°34	9°44	2°59	6°37	10°25	9°34	7°25	n.a.	S 8
M 9	13 0 14	16°39'07	24°14	22° 8	1°57	2° 6	6°48	2°30	9°45	2°58	6°37	10°21	9°31	7°31	n.a.	M 9
T 10	13 4 11	17°37'00	6♋58	23°34	2°53	2°47	6°51	2°26	9°45	2°56	6°37	10°18	9°28	7°38	n.a.	T 10
W11	13 8 7	18°34'51	19°20	25° 2	3°49	3°28	6°54	2°22	9°45	2°55	6°36	10°D18	9°25	7°45	n.a.	W11
T 12	13 12 4	19°32'40	1♌25	26°31	4°44	4°10	6°57	2°17	9°45	2°53	6°36	10°18	9°21	7°51	n.a.	T 12
F 13	13 16 0	20°30'28	13°19	28° 3	5°39	4°51	7° 0	2°13	9°46	2°51	6°36	10°R18	9°18	7°58	n.a.	F 13
S 14	13 19 57	21°28'13	25° 8	29°37	6°33	5°32	7° 3	2° 9	9°46	2°50	6°36	10°17	9°15	8° 5	n.a.	S 14
S 15	13 23 53	22°25'57	6♍55	1♈14	7°26	6°13	7° 5	2° 5	9°46	2°48	6°36	10°14	9°12	8°11	n.a.	S 15
M16	13 27 50	23°23'39	18°46	2°52	8°19	6°55	7° 7	2° 1	9°R46	2°47	6°35	10° 9	9° 9	8°18	n.a.	M16
T 17	13 31 46	24°21'20	0♎43	4°32	9°12	7°36	7°10	1°57	9°46	2°45	6°35	10° 0	9° 6	8°25	n.a.	T 17
W18	13 35 43	25°18'59	12°49	6°15	10° 3	8°17	7°11	1°53	9°46	2°44	6°35	9°50	9° 2	8°31	n.a.	W18
T 19	13 39 40	26°16'36	25° 5	7°59	10°54	8°58	7°13	1°49	9°46	2°42	6°35	9°38	8°59	8°38	n.a.	T 19
F 20	13 43 36	27°14'12	7♏32	9°46	11°45	9°39	7°15	1°45	9°45	2°41	6°D35	9°25	8°56	8°45	n.a.	F 20
S 21	13 47 33	28°11'47	20°11	11°34	12°34	10°20	7°16	1°41	9°45	2°40	6°35	9°12	8°53	8°51	n.a.	S 21
S 22	13 51 29	29° 9'21	3♐ 2	13°25	13°23	11° 0	7°17	1°37	9°45	2°38	6°35	9° 2	8°50	8°58	n.a.	S 22
M23	13 55 26	0♑ 6'54	16° 4	15°18	14°11	11°41	7°18	1°34	9°45	2°37	6°35	8°53	8°46	9° 5	n.a.	M23
T 24	13 59 22	1° 4'25	29°18	17°13	14°59	12°22	7°19	1°30	9°44	2°35	6°35	8°48	8°43	9°11	n.a.	T 24
W25	14 3 19	2° 1'56	12♑44	19°10	15°45	13° 3	7°19	1°26	9°44	2°34	6°36	8°45	8°40	9°18	n.a.	W25
T 26	14 7 15	2°59'26	26°24	21° 9	16°31	13°44	7°20	1°23	9°43	2°33	6°36	8°44	8°37	9°25	n.a.	T 26
F 27	14 11 12	3°56'54	10♒18	23°10	17°15	14°24	7°20	1°19	9°43	2°31	6°36	8°44	8°34	9°31	n.a.	F 27
S 28	14 15 9	4°54'22	24°27	25°12	17°59	15° 5	7°R20	1°16	9°42	2°30	6°36	8°43	8°31	9°38	n.a.	S 28
S 29	14 19 5	5°51'49	8♓50	27°16	18°42	15°46	7°20	1°13	9°42	2°29	6°36	8°41	8°27	9°45	n.a.	S 29
M30	14 23 2	6♉49'15	23♓24	29♈22	19♊24	16♉26	7♑19	1♎ 9	9♑41	2♎27	6♌37	8♒37	8♒24	9♍51	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n34	10s28	1n34	9s27	2s33	22n 5	3n10	10n26	0n 5	23s41	0s 8	1n22	2n51	23s46	0s25	0n30	1n56	30n55	12n34	17s35	17s57	7n 1		n.a.
M 2	3 57	3 50	2 46	9 4	2 37	22 23	3 13	10 41	0 6	23 41	0 8	1 24	2 51	23 46	0 25	0 31	1 56	30 55	12 33	17 36	17 58	6 58		n.a.
T 3	4 20	3n 4	3 46	8 40	2 40	22 40	3 16	10 57	0 6	23 40	0 8	1 25	2 51	23 46	0 25	0 31	1 56	30 55	12 33	17 37	17 59	6 55		n.a.
W 4	4 43	9 45	4 31	8 15	2 43	22 57	3 18	11 13	0 7	23 40	0 8	1 27	2 51	23 46	0 25	0 32	1 56	30 55	12 33	17 40	18 0	6 52		n.a.
T 5	5 6	15 49	4 58	7 47	2 45	23 13	3 21	11 28	0 7	23 40	0 8	1 29	2 51	23 46	0 25	0 33	1 56	30 55	12 33	17 42	18 0	6 49		n.a.
F 6	5 29	20 50	5 4	7 18	2 46	23 28	3 23	11 44	0 8	23 40	0 8	1 31	2 51	23 46	0 25	0 33	1 56	30 54	12 32	17 45	18 1	6 45		n.a.
S 7	5 52	24 31	4 51	6 48	2 47	23 43	3 26	11 59	0 9	23 40	0 9	1 32	2 50	23 46	0 25	0 34	1 56	30 54	12 32	17 47	18 2	6 42		n.a.
S 8	6 14	26 40	4 22	6 16	2 47	23 58	3 28	12 14	0 9	23 40	0 9	1 34	2 50	23 46	0 25	0 35	1 56	30 54	12 32	17 49	18 3	6 39		n.a.
M 9	6 37	27 14	3 40	5 42	2 47	24 12	3 30	12 29	0 10	23 40	0 9	1 36	2 50	23 46	0 25	0 35	1 56	30 54	12 32	17 50	18 4	6 36		n.a.
T 10	6 59	26 19	2 48	5 7	2 46	24 25	3 32	12 44	0 10	23 40	0 9	1 37	2 50	23 46	0 25	0 36	1 56	30 54	12 31	17 51	18 5	6 32		n.a.
W11	7 22	24 6	1 49	4 30	2 44	24 38	3 33	12 59	0 11	23 40	0 9	1 39	2 50	23 46	0 25	0 36	1 56	30 54	12 31	17 51	18 6	6 29		n.a.
T 12	7 44	20 50	0 47	3 52	2 42	24 50	3 35	13 14	0 12	23 40	0 9	1 41	2 50	23 46	0 25	0 37	1 56	30 53	12 31	17 51	18 6	6 26		n.a.
F 13	8 6	16 45	0s16	3 13	2 39	25 2	3 37	13 28	0 12	23 40	0 9	1 42	2 50	23 46	0 26	0 38	1 56	30 53	12 30	17 51	18 7	6 23		n.a.
S 14	8 28	12 4	1 18	2 32	2 36	25 13	3 38	13 43	0 13	23 40	0 10	1 44	2 50	23 46	0 26	0 38	1 56	30 53	12 30	17 51	18 8	6 20		n.a.
S 15	8 49	6 57	2 16	1 49	2 32	25 23	3 39	13 57	0 13	23 40	0 10	1 45	2 50	23 46	0 26	0 39	1 56	30 53	12 30	17 52	18 9	6 16		n.a.
M16	9 11	1 36	3 9	1 6	2 27	25 33	3 40	14 11	0 14	23 40	0 10	1 47	2 50	23 46	0 26	0 39	1 56	30 52	12 29	17 54	18 10	6 13		n.a.
T 17	9 32	3s51	3 54	0 21	2 22	25 43	3 41	14 25	0 15	23 40	0 10	1 48	2 50	23 46	0 26	0 40	1 56	30 52	12 29	17 56	18 11	6 10		n.a.
W18	9 54	9 13	4 28	0n25	2 17	25 52	3 42	14 39	0 15	23 40	0 10	1 50	2 49	23 46	0 26	0 41	1 56	30 52	12 29	17 59	18 11	6 7		n.a.
T 19	10 15	14 19	4 51	1 12	2 11	26 0	3 43	14 53	0 16	23 40	0 10	1 51	2 49	23 46	0 26	0 41	1 56	30 52	12 29	18 2	18 12	6 4		n.a.
F 20	10 36	18 54	5 0	2 1	2 4	26 7	3 43	15 7	0 16	23 41	0 11	1 53	2 49	23 46	0 26	0 42	1 56	30 51	12 28	18 5	18 13	6 0		n.a.
S 21	10 57	22 43	4 55	2 50	1 57	26 15	3 43	15 21	0 17	23 41	0 11	1 54	2 49	23 46	0 26	0 42	1 56	30 51	12 28	18 9	18 14	5 57		n.a.
S 22	11 18	25 29	4 35	3 41	1 49	26 21	3 44	15 34	0 18	23 41	0 11	1 56	2 49	23 46	0 26	0 43	1 56	30 51	12 28	18 12	18 15	5 54		n.a.
M23	11 38	26 57	4 0	4 32	1 41	26 27	3 44	15 47	0 18	23 41	0 11	1 57	2 49	23 46	0 26	0 43	1 56	30 50	12 27	18 14	18 16	5 51		n.a.
T 24	11 58	26 54	3 12	5 25	1 33	26 32	3 43	16 1	0 19	23 41	0 11	1 58	2 49	23 46	0 26	0 44	1 56	30 50	12 27	18 15	18 17	5 47		n.a.
W25	12 19	25 17	2 13	6 18	1 24	26 37	3 43	16 14	0 19	23 41	0 12	2 0	2 49	23 46	0 26	0 44	1 56	30 50	12 27	18 16	18 17	5 44		n.a.
T 26	12 39	22 10	1 5	7 11	1 14	26 41	3 42	16 27	0 20	23 41	0 12	2 1	2 48	23 46	0 26	0 45	1 56	30 49	12 26	18 16	18 18	5 41		n.a.
F 27	12 58	17 43	0n 8	8 6	1 5	26 45	3 41	16 39	0 20	23 41	0 12	2 2	2 48	23 46	0 26	0 46	1 56	30 49	12 26	18 16	18 19	5 38		n.a.
S 28	13 18	12 13	1 22	9 0	0 55	26 48	3 40	16 52	0 21	23 42	0 12	2 3	2 48	23 46	0 26	0 46	1 56	30 49	12 26	18 17	18 20	5 35		n.a.
S 29	13 37	6 0	2 32	9 55	0 45	26 51	3 39	17 5	0 21	23 42	0 12	2 5	2 48	23 46	0 26	0 47	1 56	30 48	12 26	18 17	18 21	5 31		n.a.
M30	13n56	0n36	3n33	10n50	0s34	26n53	3n37	17n17	0n22	23s42	0s12	2n 6	2n48	23s46	0s26	0n47	1n56	30n48	12n25	18s18	18s22	5n28		n.a.

Julian Day Number = 1713843.5, Delta T = 02h59m22s
Ecliptic obliquity = 23°41'57, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°20'55, Lahiri = - 4°13'55 Julian Calendar 1 Apr. 21 BCE == Greg. Calendar 30 March 021 BCE

The year -20 astronomical counting style corresponds to year 021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 21 BCE
geocentric

MAY 21 BCE (-20) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 26 58	7♉46'40	8♈ 5	1♉30	20♊ 4	17♉ 7	7°R19	1°R 6	9°R40	2°R26	6♌37	8°R30	8♒21	9♍58	n.a.	T 1
W 2	14 30 55	8°44'05	22°46	3°39	20°44	17°47	7♋18	1♎ 3	9♋40	2♎25	6°37	8♒20	8°18	10° 5	n.a.	W 2
T 3	14 34 51	9°41'28	7♉19	5°48	21°23	18°28	7°17	1° 0	9°39	2°24	6°38	8° 9	8°15	10°11	n.a.	T 3
F 4	14 38 48	10°38'51	21°38	7°59	22° 0	19° 8	7°16	0°57	9°38	2°22	6°38	7°57	8°12	10°18	n.a.	F 4
S 5	14 42 44	11°36'12	5♊36	10°11	22°36	19°49	7°15	0°54	9°37	2°21	6°39	7°46	8° 8	10°25	n.a.	S 5
S 6	14 46 41	12°33'33	19°10	12°22	23°11	20°29	7°13	0°51	9°36	2°20	6°39	7°38	8° 5	10°31	n.a.	S 6
M 7	14 50 38	13°30'53	2♋18	14°34	23°45	21° 9	7°12	0°49	9°35	2°19	6°40	7°32	8° 2	10°38	n.a.	M 7
T 8	14 54 34	14°28'11	15° 3	16°46	24°17	21°50	7°10	0°46	9°34	2°18	6°40	7°28	7°59	10°45	n.a.	T 8
W 9	14 58 31	15°25'28	27°26	18°57	24°48	22°30	7° 8	0°43	9°33	2°17	6°41	7°26	7°56	10°51	n.a.	W 9
T 10	15 2 27	16°22'45	9♌33	21° 8	25°18	23°10	7° 5	0°41	9°32	2°16	6°41	7°26	7°52	10°58	n.a.	T 10
F 11	15 6 24	17°20'00	21°29	23°17	25°46	23°50	7° 3	0°38	9°31	2°14	6°42	7°26	7°49	11° 5	n.a.	F 11
S 12	15 10 20	18°17'14	3♍19	25°26	26°12	24°30	7° 0	0°36	9°30	2°13	6°42	7°25	7°46	11°11	n.a.	S 12
S 13	15 14 17	19°14'27	15° 8	27°33	26°37	25°10	6°57	0°34	9°29	2°12	6°43	7°23	7°43	11°18	n.a.	S 13
M14	15 18 13	20°11'39	27° 2	29°38	27° 0	25°50	6°54	0°32	9°27	2°11	6°44	7°18	7°40	11°25	n.a.	M14
T 15	15 22 10	21° 8'51	9♎ 4	1♊42	27°21	26°31	6°51	0°30	9°26	2°11	6°45	7°10	7°37	11°31	n.a.	T 15
W16	15 26 7	22° 6'01	21°18	3°44	27°41	27°10	6°48	0°28	9°25	2°10	6°45	7° 1	7°33	11°38	n.a.	W16
T 17	15 30 3	23° 3'11	3♏46	5°44	27°58	27°50	6°44	0°26	9°23	2° 9	6°46	6°49	7°30	11°45	n.a.	T 17
F 18	15 34 0	24° 0'21	16°29	7°41	28°14	28°30	6°41	0°24	9°22	2° 8	6°47	6°37	7°27	11°51	n.a.	F 18
S 19	15 37 56	24°57'30	29°26	9°37	28°28	29°10	6°37	0°22	9°20	2° 7	6°48	6°26	7°24	11°58	n.a.	S 19
S 20	15 41 53	25°54'38	12♐37	11°31	28°39	29°50	6°33	0°21	9°19	2° 6	6°49	6°16	7°21	12° 5	n.a.	S 20
M21	15 45 49	26°51'46	26° 1	13°22	28°49	0♊30	6°29	0°19	9°17	2° 5	6°49	6° 8	7°18	12°11	n.a.	M21
T 22	15 49 46	27°48'54	9♑35	15°11	28°56	1°10	6°24	0°18	9°16	2° 5	6°50	6° 3	7°14	12°18	n.a.	T 22
W23	15 53 43	28°46'02	23°18	16°58	29° 2	1°49	6°20	0°16	9°14	2° 4	6°51	6° 0	7°11	12°25	n.a.	W23
T 24	15 57 39	29°43'09	7♒10	18°42	29° 5	2°29	6°15	0°15	9°13	2° 3	6°52	6°D 0	7° 8	12°31	n.a.	T 24
F 25	16 1 36	0♊40'17	21° 9	20°25	29°R 5	3° 9	6°10	0°14	9°11	2° 3	6°53	6° 0	7° 5	12°38	n.a.	F 25
S 26	16 5 32	1°37'24	5♓15	22° 4	29° 4	3°49	6° 5	0°13	9° 9	2° 2	6°54	6°R 0	7° 2	12°45	n.a.	S 26
S 27	16 9 29	2°34'32	19°27	23°42	29° 0	4°28	6° 0	0°12	9° 7	2° 1	6°55	5°59	6°58	12°51	n.a.	S 27
M28	16 13 25	3°31'39	3♈44	25°17	28°53	5° 8	5°55	0°11	9° 6	2° 1	6°56	5°56	6°55	12°58	n.a.	M28
T 29	16 17 22	4°28'47	18° 2	26°50	28°45	5°47	5°49	0°10	9° 4	2° 0	6°58	5°50	6°52	13° 5	n.a.	T 29
W30	16 21 18	5°25'55	2♉17	28°21	28°34	6°27	5°44	0°10	9° 2	2° 0	6°59	5°43	6°49	13°11	n.a.	W30
T 31	16 25 15	6♊23'03	16♉25	29♊49	28♊20	7♊ 6	5♋38	0♎ 9	9♋ 0	1♎59	7♌ 0	5♒33	6♒46	13♍18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	14n15	7n12	4n20	11n45	0s24	26n55	3n36	17n29	0n23	23s42	0s13	2n 7	2n48	23s46	0s26	0n47	1n56	30n48	12n25	18s20	18s22	5n25			n.a.
W 2	14 34	13 25	4 50	12 40	0 13	26 55	3 34	17 41	0 23	23 42	0 13	2 8	2 47	23 47	0 26	0 48	1 56	30 47	12 25	18 23	18 23	5 22			n.a.
T 3	14 52	18 49	5 0	13 34	0 2	26 56	3 32	17 53	0 24	23 43	0 13	2 9	2 47	23 47	0 26	0 48	1 56	30 47	12 24	18 26	18 24	5 18			n.a.
F 4	15 11	23 4	4 52	14 27	0n 8	26 56	3 29	18 5	0 24	23 43	0 13	2 10	2 47	23 47	0 26	0 49	1 56	30 46	12 24	18 29	18 25	5 15			n.a.
S 5	15 29	25 50	4 26	15 19	0 19	26 55	3 26	18 17	0 25	23 43	0 13	2 11	2 47	23 47	0 26	0 49	1 56	30 46	12 24	18 31	18 26	5 12			n.a.
S 6	15 46	27 0	3 46	16 11	0 29	26 54	3 23	18 28	0 25	23 43	0 13	2 12	2 47	23 47	0 26	0 50	1 56	30 46	12 23	18 34	18 27	5 9			n.a.
M 7	16 4	26 35	2 54	17 0	0 39	26 53	3 20	18 39	0 26	23 44	0 14	2 13	2 46	23 47	0 26	0 50	1 56	30 45	12 23	18 35	18 27	5 6			n.a.
T 8	16 21	24 45	1 56	17 48	0 49	26 51	3 16	18 51	0 26	23 44	0 14	2 14	2 46	23 47	0 26	0 51	1 56	30 45	12 23	18 36	18 28	5 2			n.a.
W 9	16 38	21 46	0 53	18 34	0 58	26 48	3 12	19 2	0 27	23 44	0 14	2 15	2 46	23 47	0 26	0 51	1 56	30 44	12 23	18 37	18 29	4 59			n.a.
T 10	16 55	17 52	0s11	19 19	1 7	26 45	3 8	19 12	0 27	23 45	0 14	2 15	2 46	23 47	0 26	0 51	1 56	30 44	12 22	18 37	18 30	4 56			n.a.
F 11	17 11	13 20	1 14	20 1	1 15	26 41	3 4	19 23	0 28	23 45	0 14	2 16	2 46	23 47	0 26	0 52	1 56	30 43	12 22	18 37	18 31	4 53			n.a.
S 12	17 28	8 20	2 13	20 40	1 23	26 37	2 59	19 34	0 28	23 45	0 15	2 17	2 45	23 48	0 26	0 52	1 55	30 43	12 22	18 37	18 32	4 49			n.a.
S 13	17 43	3 4	3 6	21 17	1 30	26 33	2 54	19 44	0 29	23 46	0 15	2 18	2 45	23 48	0 26	0 52	1 55	30 42	12 21	18 38	18 32	4 46			n.a.
M14	17 59	2s20	3 51	21 52	1 37	26 28	2 48	19 54	0 29	23 46	0 15	2 18	2 45	23 48	0 26	0 53	1 55	30 42	12 21	18 39	18 33	4 43			n.a.
T 15	18 14	7 42	4 26	22 24	1 43	26 22	2 42	20 4	0 30	23 46	0 15	2 19	2 45	23 48	0 26	0 53	1 55	30 42	12 21	18 41	18 34	4 40			n.a.
W16	18 29	12 52	4 50	22 53	1 48	26 17	2 36	20 14	0 31	23 47	0 15	2 20	2 45	23 48	0 26	0 54	1 55	30 41	12 20	18 43	18 35	4 37			n.a.
T 17	18 44	17 37	5 1	23 20	1 52	26 10	2 29	20 24	0 31	23 47	0 16	2 20	2 44	23 48	0 26	0 54	1 55	30 41	12 20	18 46	18 36	4 33			n.a.
F 18	18 59	21 41	4 57	23 44	1 56	26 3	2 22	20 33	0 32	23 47	0 16	2 21	2 44	23 48	0 26	0 54	1 55	30 40	12 20	18 49	18 36	4 30			n.a.
S 19	19 13	24 46	4 38	24 6	1 59	25 56	2 15	20 43	0 32	23 48	0 16	2 21	2 44	23 48	0 27	0 54	1 55	30 40	12 20	18 52	18 37	4 27			n.a.
S 20	19 27	26 35	4 4	24 25	2 2	25 49	2 7	20 52	0 33	23 48	0 16	2 22	2 44	23 49	0 27	0 55	1 55	30 39	12 19	18 55	18 38	4 24			n.a.
M21	19 40	26 54	3 15	24 41	2 3	25 40	1 59	21 1	0 33	23 49	0 16	2 22	2 43	23 49	0 27	0 55	1 55	30 39	12 19	18 57	18 39	4 20			n.a.
T 22	19 53	25 36	2 16	24 55	2 4	25 32	1 50	21 10	0 34	23 49	0 16	2 22	2 43	23 49	0 27	0 55	1 55	30 38	12 19	18 58	18 40	4 17			n.a.
W23	20 6	22 46	1 7	25 7	2 4	25 23	1 41	21 18	0 34	23 49	0 17	2 23	2 43	23 49	0 27	0 55	1 55	30 37	12 19	18 59	18 41	4 14			n.a.
T 24	20 19	18 35	0n 6	25 16	2 4	25 14	1 32	21 27	0 35	23 50	0 17	2 23	2 43	23 49	0 27	0 56	1 55	30 37	12 18	18 59	18 41	4 11			n.a.
F 25	20 31	13 21	1 20	25 23	2 3	25 4	1 22	21 35	0 35	23 50	0 17	2 23	2 42	23 49	0 27	0 56	1 55	30 36	12 18	18 59	18 42	4 7			n.a.
S 26	20 43	7 22	2 29	25 28	2 1	24 54	1 12	21 43	0 36	23 51	0 17	2 23	2 42	23 49	0 27	0 56	1 55	30 36	12 18	18 59	18 43	4 4			n.a.
S 27	20 54	1 0	3 30	25 31	1 58	24 43	1 1	21 51	0 36	23 51	0 17	2 23	2 42	23 49	0 27	0 56	1 55	30 35	12 17	18 59	18 44	4 1			n.a.
M28	21 5	5n26	4 18	25 32	1 55	24 32	0 50	21 59	0 37	23 51	0 18	2 24	2 42	23 50	0 27	0 57	1 55	30 35	12 17	19 0	18 45	3 58			n.a.
T 29	21 16	11 36	4 50	25 31	1 51	24 20	0 39	22 7	0 37	23 52	0 18	2 24	2 41	23 50	0 27	0 57	1 55	30 34	12 17	19 1	18 45	3 55			n.a.
W30	21 26	17 8	5 4	25 28	1 47	24 8	0 27	22 14	0 37	23 52	0 18	2 24	2 41	23 50	0 27	0 57	1 55	30 34	12 17	19 3	18 46	3 51			n.a.
T 31	21n37	21n41	4n59	25n24	1n42	23n56	0n15	22n21	0n38	23s53	0s18	2n24	2n41	23s50	0s27	0n57	1n55	30n33	12n16	19s 5	18s47	3n48			n.a.

Julian Day Number = 1713873.5, Delta T = 02h59m22s
Ecliptic obliquity = 23°41'57, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°20'51, Lahiri = - 4°13'51 Julian Calendar 1 May 21 BCE == Greg. Calendar 29 Apr. 021 BCE

The year -20 astronomical counting style corresponds to year 021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 21 BCE
geocentric

JUNE 21 BCE (-20) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 29 12	7♊20'11	0♊21	1♋14	28°R 4	7♊46	5°R32	0°R 8	8°R58	1°R59	7♌ 1	5°R24	6♒43	13♍25	n.a.	F 1
S 2	16 33 8	8°17'19	14° 1	2°38	27♊46	8°25	5♑26	0♎ 8	8♑56	1♎58	7° 2	5♒15	6°39	13°31	n.a.	S 2
S 3	16 37 5	9°14'27	27°21	3°59	27°26	9° 5	5°20	0° 8	8°54	1°58	7° 3	5° 8	6°36	13°38	n.a.	S 3
M 4	16 41 1	10°11'35	10♋21	5°17	27° 3	9°44	5°14	0° 8	8°52	1°57	7° 5	5° 3	6°33	13°45	n.a.	M 4
T 5	16 44 58	11° 8'43	23° 0	6°33	26°39	10°24	5° 8	0°D 7	8°50	1°57	7° 6	5° 1	6°30	13°51	n.a.	T 5
W 6	16 48 54	12° 5'51	5♌21	7°46	26°12	11° 3	5° 1	0° 7	8°48	1°57	7° 7	5°D 0	6°27	13°58	n.a.	W 6
T 7	16 52 51	13° 2'58	17°28	8°56	25°43	11°42	4°55	0° 8	8°46	1°56	7° 9	5° 0	6°24	14° 5	n.a.	T 7
F 8	16 56 47	14° 0'06	29°24	10° 4	25°13	12°22	4°48	0° 8	8°44	1°56	7°10	5° 2	6°20	14°11	n.a.	F 8
S 9	17 0 44	14°57'13	11♍15	11° 9	24°41	13° 1	4°41	0° 8	8°42	1°56	7°11	5°R 2	6°17	14°18	n.a.	S 9
S 10	17 4 41	15°54'21	23° 6	12°11	24° 8	13°40	4°34	0° 8	8°40	1°56	7°13	5° 2	6°14	14°25	n.a.	S 10
M11	17 8 37	16°51'28	5♎ 2	13°10	23°33	14°19	4°27	0° 9	8°38	1°56	7°14	5° 0	6°11	14°31	n.a.	M11
T 12	17 12 34	17°48'36	17° 7	14° 6	22°58	14°58	4°20	0°10	8°36	1°55	7°16	4°57	6° 8	14°38	n.a.	T 12
W13	17 16 30	18°45'43	29°26	14°58	22°21	15°38	4°13	0°10	8°33	1°55	7°17	4°51	6° 4	14°45	n.a.	W13
T 14	17 20 27	19°42'51	12♏ 2	15°47	21°44	16°17	4° 6	0°11	8°31	1°55	7°18	4°44	6° 1	14°52	n.a.	T 14
F 15	17 24 23	20°39'59	24°56	16°33	21° 7	16°56	3°58	0°12	8°29	1°D55	7°20	4°37	5°58	14°58	n.a.	F 15
S 16	17 28 20	21°37'07	8♐ 9	17°15	20°29	17°35	3°51	0°13	8°27	1°55	7°21	4°30	5°55	15° 5	n.a.	S 16
S 17	17 32 17	22°34'16	21°40	17°54	19°52	18°14	3°44	0°14	8°24	1°55	7°23	4°24	5°52	15°12	n.a.	S 17
M18	17 36 13	23°31'26	5♑27	18°28	19°15	18°53	3°36	0°15	8°22	1°55	7°25	4°19	5°49	15°18	n.a.	M18
T 19	17 40 10	24°28'36	19°26	18°58	18°39	19°32	3°29	0°16	8°20	1°55	7°26	4°16	5°45	15°25	n.a.	T 19
W20	17 44 6	25°25'46	3♒34	19°25	18° 3	20°11	3°21	0°18	8°18	1°56	7°28	4°D15	5°42	15°32	n.a.	W20
T 21	17 48 3	26°22'57	17°47	19°46	17°29	20°50	3°13	0°19	8°15	1°56	7°29	4°16	5°39	15°38	n.a.	T 21
F 22	17 51 59	27°20'10	2♓ 2	20° 4	16°56	21°29	3° 6	0°21	8°13	1°56	7°31	4°17	5°36	15°45	n.a.	F 22
S 23	17 55 56	28°17'23	16°17	20°16	16°24	22° 8	2°58	0°22	8°11	1°56	7°33	4°18	5°33	15°52	n.a.	S 23
S 24	17 59 52	29°14'37	0♈29	20°24	15°54	22°47	2°50	0°24	8° 8	1°56	7°34	4°R19	5°30	15°58	n.a.	S 24
M25	18 3 49	0♉11'52	14°36	20°R27	15°26	23°25	2°43	0°26	8° 6	1°57	7°36	4°18	5°26	16° 5	n.a.	M25
T 26	18 7 46	1° 9'08	28°37	20°25	15° 0	24° 4	2°35	0°28	8° 3	1°57	7°38	4°16	5°23	16°12	n.a.	T 26
W27	18 11 42	2° 6'25	12♉29	20°18	14°35	24°43	2°27	0°30	8° 1	1°57	7°39	4°12	5°20	16°18	n.a.	W27
T 28	18 15 39	3° 3'44	26°11	20° 6	14°13	25°22	2°19	0°32	7°59	1°58	7°41	4° 8	5°17	16°25	n.a.	T 28
F 29	18 19 35	4° 1'03	9♊41	19°49	13°54	26° 1	2°12	0°34	7°56	1°58	7°43	4° 3	5°14	16°32	n.a.	F 29
S 30	18 23 32	4♋58'23	22♊57	19♋27	13♊36	26♊39	2♑ 4	0♎37	7♑54	1♎59	7♌45	3♒59	5♒10	16♍38	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n46	24n56	4n36	25n18	1n36	23n43	0n 2	22n28	0n38	23s53	0s18	2n24	2n41	23s50	0s27	0n57	1n54	30n33	12n16	19s 7	18s48	3n45		n.a.
S 2	21 56	26 40	3 58	25 10	1 30	23 30	0s11	22 35	0 39	23 54	0 18	2 24	2 40	23 50	0 27	0 57	1 54	30 32	12 16	19 10	18 49	3 42		n.a.
S 3	22 5	26 48	3 8	25 2	1 23	23 17	0 24	22 42	0 39	23 54	0 19	2 23	2 40	23 51	0 27	0 57	1 54	30 31	12 16	19 11	18 49	3 38		n.a.
M 4	22 13	25 25	2 8	24 51	1 16	23 3	0 37	22 48	0 40	23 54	0 19	2 23	2 40	23 51	0 27	0 58	1 54	30 31	12 15	19 13	18 50	3 35		n.a.
T 5	22 21	22 46	1 4	24 40	1 8	22 48	0 51	22 55	0 40	23 55	0 19	2 23	2 40	23 51	0 27	0 58	1 54	30 30	12 15	19 13	18 51	3 32		n.a.
W 6	22 29	19 6	0s 2	24 28	1 0	22 34	1 5	23 1	0 41	23 55	0 19	2 23	2 39	23 51	0 27	0 58	1 54	30 30	12 15	19 13	18 52	3 29		n.a.
T 7	22 37	14 43	1 7	24 14	0 51	22 19	1 19	23 7	0 41	23 56	0 19	2 23	2 39	23 51	0 27	0 58	1 54	30 29	12 15	19 13	18 53	3 26		n.a.
F 8	22 44	9 49	2 8	24 0	0 41	22 4	1 33	23 13	0 42	23 56	0 20	2 22	2 39	23 51	0 27	0 58	1 54	30 29	12 15	19 13	18 53	3 22		n.a.
S 9	22 50	4 36	3 3	23 45	0 31	21 48	1 47	23 18	0 42	23 57	0 20	2 22	2 39	23 51	0 27	0 58	1 54	30 28	12 14	19 13	18 54	3 19		n.a.
S 10	22 57	0s45	3 50	23 29	0 21	21 33	2 1	23 24	0 43	23 57	0 20	2 22	2 38	23 52	0 27	0 58	1 54	30 27	12 14	19 13	18 55	3 16		n.a.
M11	23 2	6 6	4 27	23 12	0 10	21 17	2 15	23 29	0 43	23 57	0 20	2 21	2 38	23 52	0 27	0 58	1 54	30 27	12 14	19 13	18 56	3 13		n.a.
T 12	23 8	11 18	4 54	22 55	0s 1	21 1	2 29	23 34	0 43	23 58	0 20	2 21	2 38	23 52	0 27	0 58	1 54	30 26	12 14	19 14	18 57	3 9		n.a.
W13	23 13	16 10	5 7	22 38	0 13	20 46	2 43	23 39	0 44	23 58	0 20	2 20	2 38	23 52	0 27	0 58	1 54	30 26	12 13	19 16	18 57	3 6		n.a.
T 14	23 18	20 27	5 6	22 20	0 25	20 30	2 57	23 43	0 44	23 59	0 21	2 20	2 37	23 52	0 27	0 58	1 54	30 25	12 13	19 17	18 58	3 3		n.a.
F 15	23 22	23 53	4 49	22 2	0 38	20 14	3 10	23 48	0 45	23 59	0 21	2 19	2 37	23 52	0 27	0 58	1 54	30 24	12 13	19 19	18 59	3 0		n.a.
S 16	23 26	26 8	4 17	21 44	0 51	19 59	3 23	23 52	0 45	23 59	0 21	2 18	2 37	23 53	0 27	0 58	1 54	30 24	12 13	19 21	19 0	2 56		n.a.
S 17	23 29	26 56	3 30	21 26	1 4	19 43	3 36	23 56	0 46	24 0	0 21	2 18	2 36	23 53	0 27	0 58	1 54	30 23	12 13	19 22	19 1	2 53		n.a.
M18	23 32	26 5	2 30	21 8	1 17	19 28	3 48	24 0	0 46	24 0	0 21	2 17	2 36	23 53	0 27	0 58	1 54	30 23	12 13	19 23	19 1	2 50		n.a.
T 19	23 35	23 35	1 20	20 50	1 31	19 14	3 59	24 3	0 47	24 1	0 21	2 16	2 36	23 53	0 27	0 58	1 53	30 22	12 12	19 24	19 2	2 47		n.a.
W20	23 37	19 38	0 4	20 33	1 45	19 0	4 11	24 7	0 47	24 1	0 22	2 15	2 36	23 53	0 27	0 57	1 53	30 21	12 12	19 24	19 3	2 44		n.a.
T 21	23 39	14 31	1n13	20 16	1 59	18 46	4 21	24 10	0 47	24 1	0 22	2 15	2 35	23 53	0 27	0 57	1 53	30 21	12 12	19 24	19 4	2 40		n.a.
F 22	23 40	8 36	2 25	19 59	2 13	18 33	4 31	24 13	0 48	24 2	0 22	2 14	2 35	23 54	0 27	0 57	1 53	30 20	12 12	19 24	19 5	2 37		n.a.
S 23	23 41	2 16	3 29	19 44	2 27	18 20	4 41	24 16	0 48	24 2	0 22	2 13	2 35	23 54	0 27	0 57	1 53	30 20	12 12	19 23	19 5	2 34		n.a.
S 24	23 42	4n 9	4 19	19 29	2 41	18 9	4 50	24 19	0 49	24 2	0 22	2 12	2 35	23 54	0 27	0 57	1 53	30 19	12 12	19 23	19 6	2 31		n.a.
M25	23 42	10 19	4 54	19 14	2 55	17 58	4 58	24 21	0 49	24 3	0 22	2 11	2 34	23 54	0 27	0 57	1 53	30 18	12 11	19 24	19 7	2 27		n.a.
T 26	23 42	15 55	5 10	19 1	3 9	17 47	5 5	24 23	0 50	24 3	0 23	2 10	2 34	23 54	0 27	0 56	1 53	30 18	12 11	19 24	19 8	2 24		n.a.
W27	23 41	20 38	5 9	18 49	3 22	17 38	5 12	24 25	0 50	24 3	0 23	2 9	2 34	23 54	0 27	0 56	1 53	30 17	12 11	19 25	19 8	2 21		n.a.
T 28	23 40	24 11	4 49	18 38	3 35	17 29	5 19	24 27	0 50	24 4	0 23	2 8	2 34	23 54	0 27	0 56	1 53	30 16	12 11	19 26	19 9	2 18		n.a.
F 29	23 38	26 20	4 14	18 29	3 47	17 21	5 24	24 29	0 51	24 4	0 23	2 7	2 33	23 55	0 27	0 56	1 53	30 16	12 11	19 27	19 10	2 15		n.a.
S 30	23n36	26n56	3n26	18n21	3s58	17n14	5s29	24n31	0n51	24s 4	0s23	2n 5	2n33	23s55	0s27	0n56	1n53	30n15	12n11	19s28	19s11	2n11		n.a.

Julian Day Number = 1713904.5, Delta T = 02h59m21s
Ecliptic obliquity = 23°41'56, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°20'47, Lahiri = - 4°13'47 Julian Calendar 1 June 21 BCE == Greg. Calendar 30 May 021 BCE

The year -20 astronomical counting style corresponds to year 021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 21 BCE
geocentric

JULY 21 BCE (-20) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 27 28	5♋55'45	5♋56	19°R 0	13°R21	27♊18	1°R56	0♎39	7°R51	1♎59	7♑46	3°R55	5♒ 7	16♍45	n.a.	S 1
M 2	18 31 25	6°53'07	18°41	18♋29	13♊ 8	27°57	1♏48	0°41	7♏49	2° 0	7°48	3♒53	5° 4	16°52	n.a.	M 2
T 3	18 35 21	7°50'30	1♌ 9	17°54	12°57	28°35	1°41	0°44	7°47	2° 0	7°50	3°D52	5° 1	16°58	n.a.	T 3
W 4	18 39 18	8°47'55	13°24	17°15	12°49	29°14	1°33	0°47	7°44	2° 1	7°52	3°52	4°58	17° 5	n.a.	W 4
T 5	18 43 15	9°45'20	25°27	16°34	12°43	29°53	1°25	0°49	7°42	2° 1	7°54	3°54	4°55	17°12	n.a.	T 5
F 6	18 47 11	10°42'45	7♍22	15°49	12°40	0♋31	1°18	0°52	7°39	2° 2	7°55	3°55	4°51	17°18	n.a.	F 6
S 7	18 51 8	11°40'12	19°13	15° 3	12°D39	1°10	1°10	0°55	7°37	2° 3	7°57	3°57	4°48	17°25	n.a.	S 7
S 8	18 55 4	12°37'39	1♎ 3	14°17	12°40	1°48	1° 3	0°58	7°35	2° 3	7°59	3°58	4°45	17°32	n.a.	S 8
M 9	18 59 1	13°35'08	12°59	13°30	12°44	2°27	0°55	1° 1	7°32	2° 4	8° 1	3°R58	4°42	17°39	n.a.	M 9
T 10	19 2 57	14°32'37	25° 4	12°43	12°49	3° 5	0°48	1° 5	7°30	2° 5	8° 3	3°58	4°39	17°45	n.a.	T 10
W11	19 6 54	15°30'08	7♏23	11°59	12°57	3°44	0°41	1° 8	7°28	2° 6	8° 5	3°57	4°36	17°52	n.a.	W11
T 12	19 10 50	16°27'39	20° 1	11°17	13° 7	4°22	0°33	1°11	7°25	2° 6	8° 7	3°55	4°32	17°59	n.a.	T 12
F 13	19 14 47	17°25'11	2♐59	10°38	13°19	5° 1	0°26	1°15	7°23	2° 7	8° 9	3°53	4°29	18° 5	n.a.	F 13
S 14	19 18 44	18°22'45	16°21	10° 4	13°33	5°39	0°19	1°18	7°20	2° 8	8°11	3°51	4°26	18°12	n.a.	S 14
S 15	19 22 40	19°20'20	0♑ 5	9°35	13°50	6°18	0°12	1°22	7°18	2° 9	8°13	3°49	4°23	18°19	n.a.	S 15
M16	19 26 37	20°17'56	14°10	9°11	14° 8	6°56	0° 5	1°25	7°16	2°10	8°15	3°47	4°20	18°25	n.a.	M16
T 17	19 30 33	21°15'33	28°32	8°53	14°27	7°35	29♐59	1°29	7°13	2°11	8°17	3°D47	4°16	18°32	n.a.	T 17
W18	19 34 30	22°13'12	13♒ 6	8°42	14°49	8°13	29°52	1°33	7°11	2°12	8°19	3°47	4°13	18°39	n.a.	W18
T 19	19 38 26	23°10'52	27°45	8°D38	15°13	8°51	29°45	1°37	7° 9	2°13	8°21	3°48	4°10	18°45	n.a.	T 19
F 20	19 42 23	24° 8'34	12♓24	8°41	15°38	9°30	29°39	1°41	7° 7	2°14	8°23	3°48	4° 7	18°52	n.a.	F 20
S 21	19 46 20	25° 6'17	26°57	8°51	16° 4	10° 8	29°33	1°45	7° 4	2°15	8°24	3°49	4° 4	18°59	n.a.	S 21
S 22	19 50 16	26° 4'02	11♈19	9° 9	16°33	10°46	29°26	1°49	7° 2	2°16	8°26	3°50	4° 1	19° 5	n.a.	S 22
M23	19 54 13	27° 1'49	25°28	9°35	17° 2	11°24	29°20	1°53	7° 0	2°18	8°29	3°R50	3°57	19°12	n.a.	M23
T 24	19 58 9	27°59'38	9♉22	10° 8	17°34	12° 3	29°14	1°58	6°58	2°19	8°31	3°50	3°54	19°19	n.a.	T 24
W25	20 2 6	28°57'29	23° 0	10°49	18° 6	12°41	29° 9	2° 2	6°56	2°20	8°33	3°49	3°51	19°25	n.a.	W25
T 26	20 6 2	29°55'22	6♊22	11°37	18°40	13°19	29° 3	2° 7	6°53	2°21	8°35	3°49	3°48	19°32	n.a.	T 26
F 27	20 9 59	0♌53'17	19°29	12°32	19°16	13°57	28°57	2°11	6°51	2°22	8°37	3°49	3°45	19°39	n.a.	F 27
S 28	20 13 55	1°51'13	2♋21	13°34	19°52	14°36	28°52	2°16	6°49	2°24	8°39	3°48	3°42	19°46	n.a.	S 28
S 29	20 17 52	2°49'12	15° 0	14°42	20°30	15°14	28°47	2°20	6°47	2°25	8°41	3°48	3°38	19°52	n.a.	S 29
M30	20 21 49	3°47'12	27°26	15°57	21° 9	15°52	28°42	2°25	6°45	2°26	8°43	3°48	3°35	19°59	n.a.	M30
T 31	20 25 45	4♌45'14	9♌41	17♋18	21♊49	16♋30	28♐37	2♎30	6♑43	2♎28	8♌45	3♒48	3♒32	20♍ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n34	26n 1	2n27	18n14	4s 9	17n 7	5s34	24n32	0n52	24s 4	0s23	2n 4	2n33	23s55	0s27	0n55	1n53	30n15	12n11	19s29	19s12	2n 8			n.a.
M 2	23 31	23 45	1 22	18 9	4 18	17 2	5 38	24 33	0 52	24 5	0 24	2 3	2 33	23 55	0 27	0 55	1 53	30 14	12 10	19 30	19 12	2 5			n.a.
T 3	23 28	20 22	0 15	18 5	4 26	16 57	5 41	24 34	0 52	24 5	0 24	2 2	2 32	23 55	0 27	0 55	1 53	30 13	12 10	19 30	19 13	2 2			n.a.
W 4	23 24	16 9	0s52	18 3	4 33	16 54	5 44	24 35	0 53	24 5	0 24	2 1	2 32	23 55	0 27	0 55	1 53	30 13	12 10	19 30	19 14	1 59			n.a.
T 5	23 20	11 21	1 56	18 3	4 38	16 50	5 46	24 35	0 53	24 5	0 24	1 59	2 32	23 56	0 27	0 54	1 53	30 12	12 10	19 29	19 15	1 55			n.a.
F 6	23 16	6 12	2 54	18 5	4 42	16 48	5 48	24 36	0 54	24 6	0 24	1 58	2 32	23 56	0 27	0 54	1 52	30 12	12 10	19 29	19 15	1 52			n.a.
S 7	23 11	0 53	3 44	18 8	4 44	16 47	5 50	24 36	0 54	24 6	0 24	1 56	2 31	23 56	0 27	0 54	1 52	30 11	12 10	19 29	19 16	1 49			n.a.
S 8	23 6	4s28	4 25	18 12	4 45	16 46	5 51	24 36	0 54	24 6	0 24	1 55	2 31	23 56	0 27	0 53	1 52	30 10	12 10	19 28	19 17	1 46			n.a.
M 9	23 0	9 42	4 55	18 19	4 43	16 46	5 51	24 35	0 55	24 6	0 25	1 54	2 31	23 56	0 27	0 53	1 52	30 10	12 10	19 28	19 18	1 42			n.a.
T 10	22 54	14 38	5 12	18 26	4 40	16 47	5 51	24 35	0 55	24 6	0 25	1 52	2 31	23 56	0 27	0 53	1 52	30 9	12 10	19 28	19 19	1 39			n.a.
W11	22 47	19 5	5 15	18 35	4 35	16 48	5 51	24 34	0 56	24 7	0 25	1 50	2 30	23 56	0 27	0 52	1 52	30 9	12 10	19 29	19 19	1 36			n.a.
T 12	22 40	22 48	5 3	18 46	4 28	16 50	5 50	24 34	0 56	24 7	0 25	1 49	2 30	23 57	0 27	0 52	1 52	30 8	12 10	19 29	19 20	1 33			n.a.
F 13	22 33	25 29	4 36	18 57	4 20	16 52	5 49	24 33	0 56	24 7	0 25	1 47	2 30	23 57	0 27	0 51	1 52	30 7	12 9	19 30	19 21	1 30			n.a.
S 14	22 25	26 51	3 53	19 10	4 9	16 56	5 47	24 31	0 57	24 7	0 25	1 46	2 30	23 57	0 27	0 51	1 52	30 7	12 9	19 30	19 22	1 26			n.a.
S 15	22 17	26 38	2 56	19 24	3 58	16 59	5 46	24 30	0 57	24 7	0 25	1 44	2 29	23 57	0 27	0 51	1 52	30 6	12 9	19 31	19 22	1 23			n.a.
M16	22 9	24 42	1 46	19 38	3 45	17 3	5 44	24 28	0 58	24 7	0 25	1 42	2 29	23 57	0 27	0 50	1 52	30 6	12 9	19 31	19 23	1 20			n.a.
T 17	22 0	21 9	0 29	19 53	3 31	17 8	5 41	24 27	0 58	24 7	0 26	1 41	2 29	23 57	0 27	0 50	1 52	30 5	12 9	19 31	19 24	1 17			n.a.
W18	21 51	16 15	0n51	20 8	3 17	17 13	5 39	24 25	0 58	24 8	0 26	1 39	2 29	23 57	0 27	0 49	1 52	30 4	12 9	19 31	19 25	1 14			n.a.
T 19	21 41	10 22	2 9	20 24	3 1	17 18	5 36	24 22	0 59	24 8	0 26	1 37	2 29	23 57	0 27	0 49	1 52	30 4	12 9	19 31	19 25	1 10			n.a.
F 20	21 31	3 56	3 18	20 40	2 45	17 24	5 33	24 20	0 59	24 8	0 26	1 35	2 28	23 58	0 27	0 48	1 52	30 3	12 9	19 31	19 26	1 7			n.a.
S 21	21 21	2n39	4 14	20 56	2 28	17 30	5 30	24 18	0 59	24 8	0 26	1 33	2 28	23 58	0 27	0 48	1 52	30 3	12 9	19 30	19 27	1 4			n.a.
S 22	21 10	9 1	4 53	21 12	2 11	17 36	5 26	24 15	1 0	24 8	0 26	1 32	2 28	23 58	0 27	0 47	1 52	30 2	12 9	19 30	19 28	1 1			n.a.
M23	20 59	14 49	5 14	21 27	1 54	17 42	5 23	24 12	1 0	24 8	0 26	1 30	2 28	23 58	0 27	0 47	1 51	30 1	12 9	19 30	19 28	0 57			n.a.
T 24	20 47	19 45	5 16	21 41	1 37	17 49	5 19	24 9	1 1	24 8	0 26	1 28	2 27	23 58	0 27	0 46	1 51	30 1	12 9	19 30	19 29	0 54			n.a.
W25	20 35	23 33	5 0	21 55	1 21	17 56	5 15	24 6	1 1	24 8	0 26	1 26	2 27	23 58	0 27	0 46	1 51	30 0	12 9	19 30	19 30	0 51			n.a.
T 26	20 23	26 0	4 28	22 7	1 4	18 3	5 11	24 2	1 1	24 8	0 26	1 24	2 27	23 58	0 27	0 45	1 51	30 0	12 9	19 30	19 31	0 48			n.a.
F 27	20 11	26 58	3 42	22 18	0 48	18 10	5 7	23 59	1 2	24 8	0 27	1 22	2 27	23 58	0 27	0 45	1 51	29 59	12 9	19 31	19 31	0 45			n.a.
S 28	19 58	26 26	2 46	22 28	0 32	18 17	5 2	23 55	1 2	24 8	0 27	1 20	2 27	23 59	0 27	0 44	1 51	29 59	12 9	19 31	19 32	0 41			n.a.
S 29	19 44	24 33	1 43	22 36	0 17	18 24	4 58	23 51	1 2	24 8	0 27	1 18	2 26	23 59	0 27	0 44	1 51	29 58	12 9	19 31	19 33	0 38			n.a.
M30	19 31	21 29	0 35	22 41	0 3	18 32	4 53	23 47	1 3	24 8	0 27	1 16	2 26	23 59	0 27	0 43	1 51	29 58	12 9	19 31	19 34	0 35			n.a.
T 31	19n17	17n30	0s33	22n45	0n11	18n39	4s48	23n43	1n 3	24s 8	0s27	1n14	2n26	23s59	0s27	0n42	1n51	29n57	12n 9	19s31	19s34	0n32			n.a.

Julian Day Number = 1713934.5, Delta T = 02h59m20s
Ecliptic obliquity = 23°41'55, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°20'43, Lahiri = - 4°13'42 Julian Calendar 1 July 21 BCE == Greg. Calendar 29 June 021 BCE

The year -20 astronomical counting style corresponds to year 021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 21 BCE
geocentric

AUGUST 21 BCE (-20) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 29 42	5♌43'17	21♌46	18♋43	22♊30	17♋ 8	28°R32	2♎35	6°R41	2♎29	8♌47	3°R48	3♒29	20♍12	n.a.	W 1
T 2	20 33 38	6°41'22	3♍44	20°14	23°12	17°46	28♐27	2°40	6♑39	2°31	8°49	3♒48	3°26	20°19	n.a.	T 2
F 3	20 37 35	7°39'29	15°36	21°50	23°56	18°25	28°23	2°45	6°37	2°32	8°51	3°47	3°22	20°26	n.a.	F 3
S 4	20 41 31	8°37'37	27°26	23°29	24°40	19° 3	28°18	2°50	6°35	2°33	8°53	3°47	3°19	20°32	n.a.	S 4
S 5	20 45 28	9°35'47	9♎16	25°12	25°25	19°41	28°14	2°55	6°33	2°35	8°55	3°46	3°16	20°39	n.a.	S 5
M 6	20 49 24	10°33'59	21°11	26°57	26°11	20°19	28°10	3° 0	6°31	2°37	8°57	3°45	3°13	20°46	n.a.	M 6
T 7	20 53 21	11°32'12	3♏14	28°45	26°57	20°57	28° 7	3° 5	6°30	2°38	8°59	3°45	3°10	20°52	n.a.	T 7
W 8	20 57 17	12°30'27	15°31	0♌36	27°45	21°35	28° 3	3°11	6°28	2°40	9° 1	3°D45	3° 7	20°59	n.a.	W 8
T 9	21 1 14	13°28'43	28° 5	2°27	28°33	22°13	28° 0	3°16	6°26	2°41	9° 3	3°45	3° 3	21° 6	n.a.	T 9
F 10	21 5 11	14°27'01	11♐ 0	4°21	29°23	22°51	27°56	3°22	6°24	2°43	9° 5	3°46	3° 0	21°12	n.a.	F 10
S 11	21 9 7	15°25'21	24°20	6°14	0♋13	23°29	27°53	3°27	6°23	2°44	9° 7	3°47	2°57	21°19	n.a.	S 11
S 12	21 13 4	16°23'43	8♑ 6	8° 9	1° 3	24° 7	27°50	3°33	6°21	2°46	9° 9	3°48	2°54	21°26	n.a.	S 12
M13	21 17 0	17°22'06	22°18	10° 4	1°55	24°45	27°48	3°38	6°19	2°48	9°11	3°49	2°51	21°33	n.a.	M13
T 14	21 20 57	18°20'31	6♒53	11°58	2°47	25°23	27°45	3°44	6°18	2°50	9°13	3°R49	2°47	21°39	n.a.	T 14
W15	21 24 53	19°18'58	21°46	13°53	3°39	26° 1	27°43	3°50	6°16	2°51	9°15	3°48	2°44	21°46	n.a.	W15
T 16	21 28 50	20°17'27	6♓48	15°47	4°33	26°38	27°41	3°56	6°15	2°53	9°17	3°47	2°41	21°53	n.a.	T 16
F 17	21 32 46	21°15'58	21°51	17°41	5°27	27°16	27°39	4° 1	6°13	2°55	9°19	3°45	2°38	21°59	n.a.	F 17
S 18	21 36 43	22°14'31	6♈47	19°34	6°21	27°54	27°37	4° 7	6°12	2°57	9°21	3°43	2°35	22° 6	n.a.	S 18
S 19	21 40 40	23°13'06	21°28	21°26	7°16	28°32	27°35	4°13	6°10	2°58	9°23	3°41	2°32	22°13	n.a.	S 19
M20	21 44 36	24°11'44	5♉48	23°18	8°12	29°10	27°34	4°19	6° 9	3° 0	9°25	3°39	2°28	22°19	n.a.	M20
T 21	21 48 33	25°10'24	19°45	25° 9	9° 8	29°48	27°33	4°25	6° 8	3° 2	9°27	3°D38	2°25	22°26	n.a.	T 21
W22	21 52 29	26° 9'06	3♊19	26°59	10° 5	0♌26	27°32	4°31	6° 6	3° 4	9°29	3°38	2°22	22°33	n.a.	W22
T 23	21 56 26	27° 7'51	16°30	28°48	11° 2	1° 3	27°31	4°37	6° 5	3° 6	9°31	3°39	2°19	22°39	n.a.	T 23
F 24	22 0 22	28° 6'38	29°22	0♍36	12° 0	1°41	27°31	4°44	6° 4	3° 8	9°33	3°40	2°16	22°46	n.a.	F 24
S 25	22 4 19	29° 5'28	11♋58	2°23	12°58	2°19	27°30	4°50	6° 3	3°10	9°35	3°42	2°13	22°53	n.a.	S 25
S 26	22 8 15	0♍ 4'20	24°20	4° 9	13°57	2°57	27°D30	4°56	6° 2	3°12	9°37	3°43	2° 9	23° 0	n.a.	S 26
M27	22 12 12	1° 3'14	6♌31	5°54	14°56	3°35	27°30	5° 2	6° 1	3°14	9°39	3°R44	2° 6	23° 6	n.a.	M27
T 28	22 16 9	2° 2'10	18°33	7°39	15°56	4°12	27°30	5° 9	6° 0	3°16	9°41	3°43	2° 3	23°13	n.a.	T 28
W29	22 20 5	3° 1'08	0♍30	9°22	16°56	4°50	27°31	5°15	5°59	3°18	9°43	3°40	2° 0	23°20	n.a.	W29
T 30	22 24 2	4° 0'09	12°23	11° 4	17°56	5°28	27°31	5°22	5°58	3°20	9°45	3°36	1°57	23°26	n.a.	T 30
F 31	22 27 58	4♍59'11	24♍13	12♍46	18♋57	6♌ 6	27♐32	5♎28	5♑57	3♎22	9♌47	3♒31	1♒53	23♍33	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n 3	12n51	1s38	22n46	0n24	18n46	4s43	23n38	1n 3	24s 8	0s27	1n11	2n26	23s59	0s27	0n42	1n51	29n57	12n 9	19s31	19s35	0n29		n.a.
T 2	18 48	7 47	2 39	22 45	0 36	18 53	4 38	23 33	1 4	24 9	0 27	1 9	2 26	23 59	0 27	0 41	1 51	29 56	12 9	19 31	19 36	0 25		n.a.
F 3	18 33	2 29	3 32	22 41	0 47	19 0	4 33	23 28	1 4	24 9	0 27	1 7	2 25	23 59	0 27	0 41	1 51	29 55	12 9	19 31	19 37	0 22		n.a.
S 4	18 18	2s52	4 16	22 34	0 57	19 7	4 28	23 23	1 4	24 9	0 27	1 5	2 25	23 59	0 27	0 40	1 51	29 55	12 10	19 31	19 37	0 19		n.a.
S 5	18 2	8 7	4 49	22 25	1 6	19 14	4 23	23 18	1 5	24 9	0 27	1 3	2 25	23 59	0 27	0 39	1 51	29 54	12 10	19 31	19 38	0 16		n.a.
M 6	17 47	13 7	5 9	22 13	1 15	19 21	4 18	23 13	1 5	24 9	0 27	1 0	2 25	23 59	0 27	0 39	1 51	29 54	12 10	19 31	19 39	0 13		n.a.
T 7	17 31	17 41	5 17	21 58	1 22	19 27	4 12	23 7	1 5	24 9	0 28	0 58	2 25	23 59	0 27	0 38	1 51	29 53	12 10	19 31	19 40	0 9		n.a.
W 8	17 14	21 36	5 10	21 41	1 28	19 34	4 7	23 2	1 6	24 9	0 28	0 56	2 25	24 0	0 27	0 37	1 51	29 53	12 10	19 31	19 40	0 6		n.a.
T 9	16 57	24 38	4 49	21 21	1 34	19 40	4 2	22 56	1 6	24 9	0 28	0 53	2 24	24 0	0 27	0 37	1 51	29 52	12 10	19 31	19 41	0 3		n.a.
F 10	16 40	26 30	4 13	20 58	1 38	19 46	3 56	22 50	1 6	24 9	0 28	0 51	2 24	24 0	0 27	0 36	1 51	29 52	12 10	19 31	19 42	0s 0		n.a.
S 11	16 23	26 56	3 22	20 34	1 42	19 51	3 50	22 44	1 7	24 9	0 28	0 49	2 24	24 0	0 27	0 35	1 51	29 51	12 10	19 31	19 43	0 3		n.a.
S 12	16 6	25 44	2 18	20 7	1 45	19 57	3 45	22 37	1 7	24 9	0 28	0 46	2 24	24 0	0 27	0 35	1 51	29 51	12 10	19 31	19 43	0 7		n.a.
M13	15 48	22 52	1 3	19 38	1 47	20 2	3 39	22 31	1 7	24 9	0 28	0 44	2 24	24 0	0 27	0 34	1 51	29 50	12 10	19 31	19 44	0 10		n.a.
T 14	15 30	18 29	0n17	19 7	1 48	20 7	3 33	22 24	1 8	24 9	0 28	0 42	2 24	24 0	0 27	0 33	1 50	29 50	12 11	19 30	19 45	0 13		n.a.
W15	15 11	12 52	1 38	18 34	1 49	20 11	3 28	22 17	1 8	24 9	0 28	0 39	2 23	24 0	0 27	0 32	1 50	29 50	12 11	19 31	19 46	0 16		n.a.
T 16	14 53	6 27	2 52	18 0	1 48	20 15	3 22	22 10	1 8	24 9	0 28	0 37	2 23	24 0	0 27	0 32	1 50	29 49	12 11	19 31	19 46	0 19		n.a.
F 17	14 34	0n20	3 55	17 24	1 48	20 19	3 16	22 3	1 9	24 9	0 28	0 34	2 23	24 0	0 27	0 31	1 50	29 49	12 11	19 31	19 47	0 22		n.a.
S 18	14 15	7 1	4 41	16 47	1 46	20 22	3 11	21 56	1 9	24 9	0 28	0 32	2 23	24 0	0 27	0 30	1 50	29 48	12 11	19 32	19 48	0 26		n.a.
S 19	13 56	13 12	5 8	16 9	1 45	20 25	3 5	21 48	1 9	24 9	0 28	0 29	2 23	24 0	0 27	0 29	1 50	29 48	12 11	19 32	19 49	0 29		n.a.
M20	13 36	18 32	5 15	15 30	1 42	20 28	2 59	21 41	1 10	24 9	0 28	0 27	2 23	24 0	0 27	0 29	1 50	29 47	12 11	19 33	19 49	0 32		n.a.
T 21	13 16	22 43	5 3	14 50	1 39	20 30	2 53	21 33	1 10	24 9	0 28	0 24	2 23	24 0	0 27	0 28	1 50	29 47	12 12	19 33	19 50	0 35		n.a.
W22	12 56	25 32	4 34	14 9	1 36	20 32	2 47	21 25	1 10	24 9	0 28	0 22	2 22	24 0	0 27	0 27	1 50	29 47	12 12	19 33	19 51	0 38		n.a.
T 23	12 36	26 51	3 51	13 27	1 32	20 33	2 42	21 17	1 11	24 9	0 29	0 19	2 22	24 1	0 27	0 26	1 50	29 46	12 12	19 33	19 51	0 42		n.a.
F 24	12 16	26 40	2 58	12 45	1 28	20 34	2 36	21 9	1 11	24 9	0 29	0 16	2 22	24 1	0 27	0 25	1 50	29 46	12 12	19 32	19 52	0 45		n.a.
S 25	11 55	25 6	1 57	12 2	1 24	20 34	2 30	21 1	1 11	24 9	0 29	0 14	2 22	24 1	0 27	0 25	1 50	29 45	12 12	19 32	19 53	0 48		n.a.
S 26	11 34	22 20	0 51	11 19	1 19	20 34	2 24	20 52	1 11	24 9	0 29	0 11	2 22	24 1	0 27	0 24	1 50	29 45	12 12	19 32	19 54	0 51		n.a.
M27	11 13	18 36	0s15	10 35	1 14	20 33	2 19	20 44	1 12	24 9	0 29	0 8	2 22	24 1	0 27	0 23	1 50	29 45	12 13	19 32	19 54	0 54		n.a.
T 28	10 52	14 9	1 20	9 51	1 9	20 32	2 13	20 35	1 12	24 9	0 29	0 6	2 22	24 1	0 27	0 22	1 50	29 44	12 13	19 32	19 55	0 57		n.a.
W29	10 30	9 13	2 21	9 7	1 3	20 31	2 7	20 26	1 12	24 9	0 29	0 3	2 22	24 1	0 27	0 21	1 50	29 44	12 13	19 33	19 56	1 1		n.a.
T 30	10 9	3 59	3 16	8 23	0 57	20 29	2 1	20 17	1 13	24 9	0 29	0 0	2 21	24 1	0 27	0 21	1 50	29 44	12 13	19 34	19 56	1 4		n.a.
F 31	9n47	1s22	4s 1	7n38	0n52	20n26	1s56	20n 8	1n13	24s 9	0s29	0s 2	2n21	24s 1	0s27	0n20	1n50	29n43	12n13	19s35	19s57	1s 7		n.a.

Julian Day Number = 1713965.5, Delta T = 02h59m19s
Ecliptic obliquity = 23°41'56, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°20'39, Lahiri = - 4°13'38 Julian Calendar 1 Aug. 21 BCE == Greg. Calendar 30 July 021 BCE

The year -20 astronomical counting style corresponds to year 021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 21 BCE
geocentric

SEPTEMBER 21 BCE (-20) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 31 55	5♍58'16	6♎ 3	14♍26	19♋58	6♌43	27♐33	5♎35	5°R56	3♎24	9♌49	3°R25	1♒50	23♍40	n.a.	S 1
S 2	22 35 51	6°57'23	17°54	16° 6	21° 0	7°21	27°34	5°41	5♏55	3°26	9°51	3♒19	1°47	23°46	n.a.	S 2
M 3	22 39 48	7°56'31	29°50	17°45	22° 2	7°59	27°36	5°48	5°54	3°28	9°52	3°13	1°44	23°53	n.a.	M 3
T 4	22 43 44	8°55'42	11♏54	19°23	23° 4	8°36	27°37	5°54	5°54	3°30	9°54	3° 9	1°41	24° 0	n.a.	T 4
W 5	22 47 41	9°54'54	24° 8	21° 0	24° 7	9°14	27°39	6° 1	5°53	3°32	9°56	3° 6	1°38	24° 6	n.a.	W 5
T 6	22 51 37	10°54'09	6♐38	22°36	25°10	9°52	27°41	6° 8	5°53	3°34	9°58	3°D 4	1°34	24°13	n.a.	T 6
F 7	22 55 34	11°53'25	19°27	24°12	26°13	10°29	27°43	6°14	5°52	3°36	10° 0	3° 5	1°31	24°20	n.a.	F 7
S 8	22 59 31	12°52'43	2♑39	25°47	27°16	11° 7	27°45	6°21	5°52	3°38	10° 2	3° 6	1°28	24°27	n.a.	S 8
S 9	23 3 27	13°52'03	16°17	27°21	28°20	11°44	27°48	6°28	5°51	3°40	10° 3	3° 7	1°25	24°33	n.a.	S 9
M10	23 7 24	14°51'25	0♒22	28°54	29°24	12°22	27°51	6°35	5°51	3°42	10° 5	3°R 8	1°22	24°40	n.a.	M10
T 11	23 11 20	15°50'49	14°55	0♎26	0♌29	12°59	27°53	6°42	5°50	3°45	10° 7	3° 8	1°19	24°47	n.a.	T 11
W12	23 15 17	16°50'15	29°52	1°58	1°34	13°37	27°57	6°48	5°50	3°47	10° 9	3° 5	1°15	24°53	n.a.	W12
T 13	23 19 13	17°49'42	15♓ 4	3°29	2°39	14°14	28° 0	6°55	5°50	3°49	10°10	3° 1	1°12	25° 0	n.a.	T 13
F 14	23 23 10	18°49'12	0♈22	4°59	3°44	14°52	28° 3	7° 2	5°50	3°51	10°12	2°55	1° 9	25° 7	n.a.	F 14
S 15	23 27 6	19°48'44	15°36	6°29	4°50	15°29	28° 7	7° 9	5°49	3°53	10°14	2°47	1° 6	25°13	n.a.	S 15
S 16	23 31 3	20°48'18	0♉35	7°57	5°55	16° 7	28°11	7°16	5°49	3°55	10°15	2°40	1° 3	25°20	n.a.	S 16
M17	23 35 0	21°47'55	15°11	9°25	7° 2	16°44	28°15	7°23	5°D49	3°58	10°17	2°34	0°59	25°27	n.a.	M17
T 18	23 38 56	22°47'34	29°19	10°53	8° 8	17°22	28°19	7°30	5°49	4° 0	10°19	2°30	0°56	25°34	n.a.	T 18
W19	23 42 53	23°47'15	12♊58	12°19	9°15	17°59	28°23	7°37	5°49	4° 2	10°20	2°27	0°53	25°40	n.a.	W19
T 20	23 46 49	24°46'59	26° 9	13°45	10°21	18°37	28°28	7°44	5°49	4° 4	10°22	2°D26	0°50	25°47	n.a.	T 20
F 21	23 50 46	25°46'45	8♋57	15°10	11°28	19°14	28°33	7°51	5°50	4° 7	10°23	2°27	0°47	25°54	n.a.	F 21
S 22	23 54 42	26°46'34	21°24	16°34	12°36	19°52	28°38	7°58	5°50	4° 9	10°25	2°28	0°44	26° 0	n.a.	S 22
S 23	23 58 39	27°46'25	3♌37	17°57	13°43	20°29	28°43	8° 5	5°50	4°11	10°26	2°R29	0°40	26° 7	n.a.	S 23
M24	0 2 35	28°46'18	15°38	19°19	14°51	21° 6	28°48	8°12	5°50	4°13	10°28	2°28	0°37	26°14	n.a.	M24
T 25	0 6 32	29°46'13	27°33	20°41	15°59	21°44	28°53	8°19	5°51	4°16	10°29	2°24	0°34	26°20	n.a.	T 25
W26	0 10 29	0♎46'10	9♍23	22° 1	17° 7	22°21	28°59	8°27	5°51	4°18	10°31	2°18	0°31	26°27	n.a.	W26
T 27	0 14 25	1°46'10	21°13	23°20	18°15	22°59	29° 5	8°34	5°52	4°20	10°32	2°10	0°28	26°34	n.a.	T 27
F 28	0 18 22	2°46'12	3♎ 4	24°38	19°24	23°36	29°11	8°41	5°52	4°22	10°34	1°59	0°24	26°41	n.a.	F 28
S 29	0 22 18	3°46'15	14°57	25°55	20°33	24°13	29°17	8°48	5°53	4°24	10°35	1°47	0°21	26°47	n.a.	S 29
S 30	0 26 15	4♎46'21	26♎53	27♎10	21♌42	24♌50	29♐23	8♎55	5♏53	4♎27	10♌36	1♒34	0♒18	26♍54	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n25	6s39	4s37	6n53	0n45	20n23	1s50	19n58	1n13	24s10	0s29	0s 5	2n21	24s 1	0s27	0n19	1n50	29n43	12n14	19s36	19s58	1s10		n.a.
S 2	9 3	11 42	5 0	6 8	0 39	20 19	1 44	19 49	1 14	24 10	0 29	0 8	2 21	24 1	0 27	0 18	1 50	29 43	12 14	19 38	19 59	1 13		n.a.
M 3	8 41	16 22	5 10	5 24	0 33	20 15	1 39	19 40	1 14	24 10	0 29	0 10	2 21	24 1	0 27	0 17	1 50	29 42	12 14	19 39	19 59	1 16		n.a.
T 4	8 19	20 26	5 7	4 39	0 26	20 10	1 33	19 30	1 14	24 10	0 29	0 13	2 21	24 1	0 27	0 16	1 50	29 42	12 14	19 40	20 0	1 20		n.a.
W 5	7 56	23 42	4 50	3 54	0 19	20 5	1 28	19 20	1 14	24 10	0 29	0 16	2 21	24 1	0 27	0 16	1 50	29 42	12 15	19 41	20 1	1 23		n.a.
T 6	7 33	25 55	4 20	3 10	0 13	19 59	1 22	19 10	1 15	24 10	0 29	0 19	2 21	24 1	0 27	0 15	1 50	29 41	12 15	19 41	20 2	1 26		n.a.
F 7	7 11	26 51	3 35	2 25	0 6	19 53	1 17	19 0	1 15	24 10	0 29	0 21	2 21	24 1	0 27	0 14	1 50	29 41	12 15	19 41	20 2	1 29		n.a.
S 8	6 48	26 18	2 38	1 41	0s 1	19 46	1 11	18 50	1 15	24 10	0 29	0 24	2 20	24 1	0 27	0 13	1 50	29 41	12 15	19 41	20 3	1 32		n.a.
S 9	6 25	24 11	1 30	0 57	0 8	19 38	1 6	18 40	1 16	24 10	0 29	0 27	2 20	24 1	0 27	0 12	1 50	29 41	12 16	19 40	20 4	1 35		n.a.
M10	6 2	20 32	0 15	0 13	0 15	19 30	1 1	18 29	1 16	24 10	0 29	0 30	2 20	24 1	0 27	0 11	1 50	29 40	12 16	19 40	20 4	1 39		n.a.
T 11	5 38	15 31	1n 3	0s31	0 22	19 22	0 55	18 19	1 16	24 10	0 29	0 33	2 20	24 1	0 27	0 10	1 50	29 40	12 16	19 40	20 5	1 42		n.a.
W12	5 15	9 28	2 20	1 14	0 29	19 13	0 50	18 8	1 16	24 10	0 29	0 35	2 20	24 1	0 27	0 9	1 50	29 40	12 17	19 41	20 6	1 45		n.a.
T 13	4 52	2 46	3 27	1 57	0 36	19 3	0 45	17 57	1 17	24 10	0 29	0 38	2 20	24 1	0 27	0 9	1 50	29 40	12 17	19 42	20 6	1 48		n.a.
F 14	4 28	4n 7	4 20	2 40	0 43	18 53	0 40	17 47	1 17	24 11	0 29	0 41	2 20	24 1	0 27	0 8	1 50	29 39	12 17	19 43	20 7	1 51		n.a.
S 15	4 5	10 43	4 54	3 22	0 50	18 42	0 35	17 36	1 17	24 11	0 29	0 44	2 20	24 1	0 27	0 7	1 50	29 39	12 17	19 45	20 8	1 54		n.a.
S 16	3 41	16 35	5 7	4 4	0 57	18 31	0 30	17 25	1 17	24 11	0 30	0 47	2 20	24 1	0 27	0 6	1 50	29 39	12 18	19 47	20 9	1 58		n.a.
M17	3 17	21 20	5 0	4 45	1 4	18 19	0 25	17 13	1 18	24 11	0 30	0 49	2 20	24 1	0 27	0 5	1 50	29 39	12 18	19 48	20 9	2 1		n.a.
T 18	2 53	24 41	4 35	5 26	1 11	18 6	0 20	17 2	1 18	24 11	0 30	0 52	2 20	24 1	0 27	0 4	1 50	29 39	12 18	19 49	20 10	2 4		n.a.
W19	2 30	26 28	3 54	6 7	1 18	17 53	0 15	16 51	1 18	24 11	0 30	0 55	2 20	24 1	0 27	0 3	1 50	29 38	12 19	19 50	20 11	2 7		n.a.
T 20	2 6	26 41	3 3	6 47	1 25	17 40	0 11	16 39	1 19	24 11	0 30	0 58	2 20	24 1	0 27	0 2	1 50	29 38	12 19	19 50	20 11	2 10		n.a.
F 21	1 42	25 26	2 3	7 26	1 31	17 26	0 6	16 28	1 19	24 11	0 30	1 1	2 20	24 1	0 27	0 1	1 50	29 38	12 19	19 50	20 12	2 13		n.a.
S 22	1 18	22 57	0 59	8 5	1 38	17 11	0 1	16 16	1 19	24 11	0 30	1 4	2 20	24 1	0 27	0 1	1 50	29 38	12 20	19 49	20 13	2 16		n.a.
S 23	0 54	19 28	0s 6	8 43	1 44	16 56	0n 3	16 4	1 19	24 11	0 30	1 6	2 20	24 1	0 27	0s 0	1 50	29 38	12 20	19 49	20 13	2 20		n.a.
M24	0 30	15 13	1 10	9 20	1 50	16 41	0 8	15 52	1 20	24 11	0 30	1 9	2 20	24 1	0 27	0 1	1 50	29 38	12 20	19 49	20 14	2 23		n.a.
T 25	0 6	10 25	2 10	9 57	1 56	16 24	0 12	15 40	1 20	24 11	0 30	1 12	2 19	24 1	0 27	0 2	1 50	29 38	12 21	19 50	20 15	2 26		n.a.
W26	0s19	5 18	3 4	10 33	2 2	16 8	0 16	15 28	1 20	24 12	0 30	1 15	2 19	24 1	0 27	0 3	1 50	29 38	12 21	19 52	20 16	2 29		n.a.
T 27	0 43	0 0	3 50	11 8	2 8	15 51	0 20	15 16	1 20	24 12	0 30	1 18	2 19	24 1	0 27	0 4	1 50	29 38	12 21	19 53	20 16	2 32		n.a.
F 28	1 7	5s17	4 26	11 42	2 13	15 33	0 25	15 4	1 21	24 12	0 30	1 21	2 19	24 1	0 27	0 5	1 50	29 37	12 22	19 56	20 17	2 35		n.a.
S 29	1 31	10 24	4 50	12 16	2 19	15 15	0 29	14 52	1 21	24 12	0 30	1 24	2 19	24 1	0 27	0 6	1 50	29 37	12 22	19 59	20 18	2 38		n.a.
S 30	1s55	15s 9	5s 1	12s48	2s23	14n56	0n33	14n39	1n21	24s12	0s30	1s26	2n19	24s 1	0s27	0s 7	1n50	29n37	12n22	20s 1	20s18	2s41		n.a.

Julian Day Number = 1713996.5, Delta T = 02h59m18s
Ecliptic obliquity = 23°41'56, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°20'34, Lahiri = - 4°13'34 Julian Calendar 1 Sept. 21 BCE == Greg. Calendar 30 Aug. 021 BCE

The year -20 astronomical counting style corresponds to year 021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 21 BCE
geocentric

OCTOBER 21 BCE (-20) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 30 11	5♎46'28	8♏55	28♎24	22♌51	25♌28	29♐30	9♎ 2	5♑54	4♎29	10♌38	1°R23	0♒15	27♍ 1	n.a.	M 1
T 2	0 34 8	6°46'37	21° 5	29°36	24° 0	26° 5	29°36	9° 9	5°55	4°31	10°39	1♒12	0°12	27° 7	n.a.	T 2
W 3	0 38 4	7°46'48	3♐23	0♏46	25° 9	26°42	29°43	9°17	5°56	4°33	10°40	1° 5	0° 9	27°14	n.a.	W 3
T 4	0 42 1	8°47'01	15°53	1°54	26°19	27°20	29°50	9°24	5°56	4°36	10°41	1° 0	0° 5	27°21	n.a.	T 4
F 5	0 45 57	9°47'16	28°39	3° 0	27°29	27°57	29°57	9°31	5°57	4°38	10°43	0°57	0° 2	27°27	n.a.	F 5
S 6	0 49 54	10°47'32	11♑44	4° 3	28°39	28°34	0♑ 4	9°38	5°58	4°40	10°44	0°D57	29♑59	27°34	n.a.	S 6
S 7	0 53 51	11°47'49	25°11	5° 4	29°49	29°11	0°12	9°45	5°59	4°42	10°45	0°R57	29°56	27°41	n.a.	S 7
M 8	0 57 47	12°48'08	9♒ 4	6° 1	0♍59	29°48	0°19	9°52	6° 0	4°45	10°46	0°57	29°53	27°48	n.a.	M 8
T 9	1 1 44	13°48'29	23°23	6°55	2° 9	0♍25	0°27	9°59	6° 1	4°47	10°47	0°55	29°50	27°54	n.a.	T 9
W10	1 5 40	14°48'51	8♓ 7	7°44	3°20	1° 3	0°35	10° 7	6° 2	4°49	10°49	0°51	29°46	28° 1	n.a.	W10
T 11	1 9 37	15°49'14	23°11	8°30	4°30	1°40	0°43	10°14	6° 4	4°51	10°50	0°44	29°43	28° 8	n.a.	T 11
F 12	1 13 33	16°49'40	8♈26	9°10	5°41	2°17	0°51	10°21	6° 5	4°54	10°51	0°34	29°40	28°14	n.a.	F 12
S 13	1 17 30	17°50'07	23°42	9°44	6°52	2°54	0°59	10°28	6° 6	4°56	10°52	0°23	29°37	28°21	n.a.	S 13
S 14	1 21 26	18°50'35	8♉48	10°12	8° 3	3°31	1° 7	10°35	6° 7	4°58	10°53	0°12	29°34	28°28	n.a.	S 14
M15	1 25 23	19°51'06	23°34	10°34	9°14	4° 8	1°16	10°42	6° 9	5° 0	10°54	0° 2	29°30	28°34	n.a.	M15
T 16	1 29 20	20°51'38	7♊53	10°47	10°25	4°45	1°24	10°49	6°10	5° 2	10°55	29♑54	29°27	28°41	n.a.	T 16
W17	1 33 16	21°52'13	21°41	10°R53	11°37	5°22	1°33	10°56	6°12	5° 5	10°55	29°48	29°24	28°48	n.a.	W17
T 18	1 37 13	22°52'49	4♋59	10°49	12°48	5°59	1°42	11° 3	6°13	5° 7	10°56	29°45	29°21	28°55	n.a.	T 18
F 19	1 41 9	23°53'27	17°50	10°35	14° 0	6°36	1°51	11°10	6°15	5° 9	10°57	29°44	29°18	29° 1	n.a.	F 19
S 20	1 45 6	24°54'07	0♌18	10°12	15°12	7°13	2° 0	11°18	6°16	5°11	10°58	29°44	29°15	29° 8	n.a.	S 20
S 21	1 49 2	25°54'49	12°29	9°38	16°24	7°50	2°10	11°25	6°18	5°13	10°59	29°44	29°11	29°15	n.a.	S 21
M22	1 52 59	26°55'32	24°28	8°53	17°36	8°27	2°19	11°32	6°20	5°15	11° 0	29°42	29° 8	29°21	n.a.	M22
T 23	1 56 55	27°56'17	6♍19	7°58	18°48	9° 4	2°29	11°39	6°22	5°17	11° 0	29°38	29° 5	29°28	n.a.	T 23
W24	2 0 52	28°57'04	18° 8	6°54	20° 0	9°40	2°39	11°45	6°23	5°19	11° 1	29°31	29° 2	29°35	n.a.	W24
T 25	2 4 49	29°57'52	29°57	5°43	21°12	10°17	2°48	11°52	6°25	5°22	11° 2	29°20	28°59	29°41	n.a.	T 25
F 26	2 8 45	0♏58'42	11♎51	4°25	22°25	10°54	2°58	11°59	6°27	5°24	11° 2	29° 8	28°56	29°48	n.a.	F 26
S 27	2 12 42	1°59'34	23°49	3° 4	23°37	11°31	3° 8	12° 6	6°29	5°26	11° 3	28°53	28°52	29°55	n.a.	S 27
S 28	2 16 38	3° 0'26	5♏55	1°42	24°50	12° 8	3°19	12°13	6°31	5°28	11° 4	28°38	28°49	0♎ 2	n.a.	S 28
M29	2 20 35	4° 1'20	18° 8	0°22	26° 2	12°44	3°29	12°20	6°33	5°30	11° 4	28°24	28°46	0° 8	n.a.	M29
T 30	2 24 31	5° 2'16	0♐29	29♎ 6	27°15	13°21	3°39	12°27	6°35	5°32	11° 5	28°11	28°43	0°15	n.a.	T 30
W31	2 28 28	6♏ 3'12	13♐ 0	27♎57	28♍28	13♍58	3♑50	12♎34	6♑37	5♎34	11♌ 5	28♑ 1	28♑40	0♎22	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	2s19	19s21	5s 0	13s19	2s28	14n37	0n37	14n27	1n21	24s12	0s30	1s29	2n19	24s 0	0s27	0s 8	1n50	29n37	12n23	20s 4	20s19	2s45			n.a.
T 2	2 43	22 48	4 45	13 49	2 32	14 18	0 40	14 14	1 22	24 12	0 30	1 32	2 19	24 0	0 27	0 8	1 50	29 37	12 23	20 6	20 20	2 48			n.a.
W 3	3 7	25 15	4 16	14 18	2 36	13 58	0 44	14 2	1 22	24 12	0 30	1 35	2 19	24 0	0 27	0 9	1 50	29 37	12 24	20 8	20 20	2 51			n.a.
T 4	3 31	26 30	3 35	14 45	2 40	13 38	0 48	13 49	1 22	24 12	0 30	1 38	2 19	24 0	0 27	0 10	1 50	29 37	12 24	20 9	20 21	2 54			n.a.
F 5	3 55	26 24	2 43	15 11	2 43	13 17	0 51	13 36	1 22	24 12	0 30	1 41	2 19	24 0	0 27	0 11	1 50	29 37	12 24	20 10	20 22	2 57			n.a.
S 6	4 19	24 50	1 40	15 36	2 45	12 56	0 55	13 23	1 22	24 12	0 30	1 44	2 19	24 0	0 26	0 12	1 50	29 37	12 25	20 10	20 22	3 0			n.a.
S 7	4 43	21 50	0 31	15 59	2 47	12 34	0 58	13 10	1 23	24 12	0 30	1 46	2 19	24 0	0 26	0 13	1 50	29 37	12 25	20 10	20 23	3 3			n.a.
M 8	5 7	17 30	0n43	16 19	2 49	12 12	1 1	12 57	1 23	24 12	0 30	1 49	2 19	24 0	0 26	0 14	1 50	29 37	12 26	20 10	20 24	3 6			n.a.
T 9	5 30	12 3	1 56	16 38	2 50	11 49	1 4	12 44	1 23	24 12	0 30	1 52	2 19	24 0	0 26	0 15	1 50	29 37	12 26	20 10	20 24	3 10			n.a.
W10	5 54	5 47	3 3	16 55	2 50	11 27	1 8	12 31	1 23	24 12	0 30	1 55	2 19	24 0	0 26	0 16	1 50	29 37	12 26	20 11	20 25	3 13			n.a.
T 11	6 17	0n55	3 59	17 9	2 49	11 3	1 11	12 18	1 24	24 12	0 30	1 58	2 19	24 0	0 26	0 16	1 50	29 38	12 27	20 13	20 26	3 16			n.a.
F 12	6 41	7 38	4 39	17 20	2 47	10 40	1 13	12 5	1 24	24 12	0 30	2 0	2 19	24 0	0 26	0 17	1 50	29 38	12 27	20 15	20 26	3 19			n.a.
S 13	7 4	13 55	4 59	17 29	2 45	10 16	1 16	11 51	1 24	24 12	0 30	2 3	2 19	24 0	0 26	0 18	1 50	29 38	12 28	20 17	20 27	3 22			n.a.
S 14	7 28	19 16	4 57	17 35	2 41	9 52	1 19	11 38	1 24	24 12	0 30	2 6	2 19	24 0	0 26	0 19	1 50	29 38	12 28	20 20	20 28	3 25			n.a.
M15	7 51	23 19	4 36	17 37	2 36	9 27	1 22	11 25	1 25	24 12	0 30	2 9	2 19	24 0	0 26	0 20	1 50	29 38	12 28	20 22	20 28	3 28			n.a.
T 16	8 14	25 46	3 58	17 35	2 30	9 2	1 24	11 11	1 25	24 12	0 30	2 12	2 20	23 59	0 26	0 21	1 50	29 38	12 29	20 24	20 29	3 31			n.a.
W17	8 37	26 32	3 7	17 30	2 22	8 37	1 27	10 58	1 25	24 12	0 30	2 14	2 20	23 59	0 26	0 22	1 50	29 38	12 29	20 25	20 30	3 34			n.a.
T 18	8 59	25 43	2 7	17 20	2 13	8 11	1 29	10 44	1 25	24 12	0 30	2 17	2 20	23 59	0 26	0 22	1 50	29 38	12 30	20 25	20 30	3 38			n.a.
F 19	9 22	23 32	1 3	17 5	2 2	7 46	1 31	10 30	1 25	24 12	0 30	2 20	2 20	23 59	0 26	0 23	1 50	29 38	12 30	20 26	20 31	3 41			n.a.
S 20	9 45	20 15	0s 3	16 46	1 49	7 20	1 33	10 17	1 26	24 11	0 31	2 23	2 20	23 59	0 26	0 24	1 50	29 39	12 31	20 26	20 32	3 44			n.a.
S 21	10 7	16 10	1 7	16 21	1 35	6 53	1 35	10 3	1 26	24 11	0 31	2 25	2 20	23 59	0 26	0 25	1 50	29 39	12 31	20 26	20 32	3 47			n.a.
M22	10 29	11 31	2 7	15 52	1 20	6 27	1 37	9 49	1 26	24 11	0 31	2 28	2 20	23 59	0 26	0 26	1 50	29 39	12 31	20 26	20 33	3 50			n.a.
T 23	10 51	6 30	3 0	15 18	1 2	6 0	1 39	9 35	1 26	24 11	0 31	2 31	2 20	23 59	0 26	0 27	1 50	29 39	12 32	20 27	20 34	3 53			n.a.
W24	11 13	1 17	3 46	14 39	0 43	5 33	1 41	9 21	1 26	24 11	0 31	2 33	2 20	23 59	0 26	0 27	1 50	29 39	12 32	20 28	20 34	3 56			n.a.
T 25	11 35	3s58	4 21	13 56	0 24	5 5	1 42	9 8	1 27	24 11	0 31	2 36	2 20	23 59	0 26	0 28	1 50	29 40	12 33	20 31	20 35	3 59			n.a.
F 26	11 56	9 6	4 46	13 11	0 3	4 38	1 44	8 54	1 27	24 11	0 31	2 39	2 20	23 59	0 26	0 29	1 50	29 40	12 33	20 33	20 36	4 2			n.a.
S 27	12 18	13 57	4 58	12 24	0n17	4 10	1 45	8 40	1 27	24 10	0 31	2 41	2 20	23 58	0 26	0 30	1 50	29 40	12 34	20 36	20 36	4 5			n.a.
S 28	12 39	18 17	4 57	11 36	0 38	3 42	1 47	8 26	1 27	24 10	0 31	2 44	2 20	23 58	0 26	0 31	1 50	29 40	12 34	20 39	20 37	4 8			n.a.
M29	13 0	21 55	4 42	10 49	0 58	3 15	1 48	8 12	1 27	24 10	0 31	2 47	2 20	23 58	0 26	0 31	1 50	29 41	12 35	20 42	20 38	4 12			n.a.
T 30	13 20	24 36	4 14	10 5	1 16	2 46	1 49	7 57	1 28	24 10	0 31	2 49	2 20	23 58	0 26	0 32	1 50	29 41	12 35	20 45	20 38	4 15			n.a.
W31	13s41	26s 7	3s33	9s25	1n33	2n18	1n50	7n43	1n28	24s 9	0s31	2s52	2n20	23s58	0s26	0s33	1n50	29n41	12n35	20s47	20s39	4s18			n.a.

Julian Day Number = 1714026.5, Delta T = 02h59m17s
Ecliptic obliquity = 23°41'56, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°20'30, Lahiri = - 4°13'30 Julian Calendar 1 Oct. 21 BCE == Greg. Calendar 29 Sept. 021 BCE

The year -20 astronomical counting style corresponds to year 021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 21 BCE
geocentric

NOVEMBER 21 BCE (-20) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 32 24	7♏ 4'09	25♐40	26°R57	29♍41	14♍34	4♑ 0	12♎40	6♑39	5♎36	11♌ 6	27°R55	28♑36	0♎28	n.a.	T 1
F 2	2 36 21	8° 5'08	8♑33	26♎ 7	0♎54	15°11	4°11	12°47	6°41	5°38	11° 6	27♑51	28°33	0°35	n.a.	F 2
S 3	2 40 18	9° 6'07	21°40	25°29	2° 7	15°48	4°22	12°54	6°44	5°40	11° 6	27°50	28°30	0°42	n.a.	S 3
S 4	2 44 14	10° 7'07	5♒ 4	25° 2	3°20	16°24	4°33	13° 0	6°46	5°42	11° 7	27°50	28°27	0°49	n.a.	S 4
M 5	2 48 11	11° 8'08	18°48	24°46	4°33	17° 1	4°44	13° 7	6°48	5°44	11° 7	27°50	28°24	0°55	n.a.	M 5
T 6	2 52 7	12° 9'10	2♓51	24°D41	5°46	17°37	4°55	13°14	6°51	5°46	11° 7	27°48	28°21	1° 2	n.a.	T 6
W 7	2 56 4	13°10'12	17°16	24°47	7° 0	18°14	5° 6	13°20	6°53	5°47	11° 8	27°45	28°17	1° 9	n.a.	W 7
T 8	3 0 0	14°11'15	1♈58	25° 3	8°13	18°50	5°18	13°27	6°55	5°49	11° 8	27°38	28°14	1°15	n.a.	T 8
F 9	3 3 57	15°12'18	16°53	25°27	9°26	19°27	5°29	13°33	6°58	5°51	11° 8	27°29	28°11	1°22	n.a.	F 9
S 10	3 7 53	16°13'22	1♉53	26° 0	10°40	20° 3	5°41	13°39	7° 0	5°53	11° 8	27°18	28° 8	1°29	n.a.	S 10
S 11	3 11 50	17°14'27	16°47	26°39	11°53	20°40	5°52	13°46	7° 3	5°55	11° 8	27° 7	28° 5	1°36	n.a.	S 11
M12	3 15 47	18°15'33	1♊27	27°25	13° 7	21°16	6° 4	13°52	7° 6	5°57	11° 9	26°57	28° 2	1°42	n.a.	M12
T 13	3 19 43	19°16'40	15°45	28°16	14°21	21°52	6°16	13°58	7° 8	5°58	11° 9	26°48	27°58	1°49	n.a.	T 13
W14	3 23 40	20°17'48	29°37	29°13	15°34	22°29	6°28	14° 5	7°11	6° 0	11° 9	26°43	27°55	1°56	n.a.	W14
T 15	3 27 36	21°18'57	13♋ 0	0♏13	16°48	23° 5	6°40	14°11	7°13	6° 2	11°R 9	26°40	27°52	2° 2	n.a.	T 15
F 16	3 31 33	22°20'06	25°57	1°18	18° 2	23°41	6°52	14°17	7°16	6° 4	11° 9	26°D39	27°49	2° 9	n.a.	F 16
S 17	3 35 29	23°21'17	8♌31	2°26	19°16	24°17	7° 4	14°23	7°19	6° 5	11° 9	26°39	27°46	2°16	n.a.	S 17
S 18	3 39 26	24°22'28	20°45	3°36	20°30	24°54	7°16	14°29	7°22	6° 7	11° 9	26°R40	27°42	2°22	n.a.	S 18
M19	3 43 23	25°23'40	2♍46	4°50	21°44	25°30	7°28	14°35	7°24	6° 8	11° 8	26°40	27°39	2°29	n.a.	M19
T 20	3 47 19	26°24'53	14°39	6° 5	22°58	26° 6	7°41	14°41	7°27	6°10	11° 8	26°38	27°36	2°36	n.a.	T 20
W21	3 51 16	27°26'06	26°28	7°22	24°12	26°42	7°53	14°47	7°30	6°12	11° 8	26°33	27°33	2°43	n.a.	W21
T 22	3 55 12	28°27'20	8♎20	8°41	25°26	27°18	8° 6	14°53	7°33	6°13	11° 8	26°26	27°30	2°49	n.a.	T 22
F 23	3 59 9	29°28'35	20°16	10° 2	26°40	27°54	8°18	14°59	7°36	6°15	11° 8	26°17	27°27	2°56	n.a.	F 23
S 24	4 3 5	0♐29'50	2♏21	11°23	27°54	28°30	8°31	15° 4	7°39	6°16	11° 7	26° 7	27°23	3° 3	n.a.	S 24
S 25	4 7 2	1°31'06	14°35	12°46	29° 8	29° 6	8°44	15°10	7°42	6°18	11° 7	25°56	27°20	3° 9	n.a.	S 25
M26	4 10 58	2°32'22	27° 1	14°10	0♏23	29°42	8°56	15°16	7°45	6°19	11° 7	25°45	27°17	3°16	n.a.	M26
T 27	4 14 55	3°33'39	9♐39	15°35	1°37	0♎18	9° 9	15°21	7°48	6°21	11° 6	25°36	27°14	3°23	n.a.	T 27
W28	4 18 52	4°34'55	22°28	17° 0	2°51	0°53	9°22	15°27	7°51	6°22	11° 6	25°29	27°11	3°30	n.a.	W28
T 29	4 22 48	5°36'12	5♑29	18°27	4° 6	1°29	9°35	15°32	7°54	6°23	11° 6	25°24	27° 7	3°36	n.a.	T 29
F 30	4 26 45	6♐37'29	18♑41	19♏54	5♏20	2♎ 5	9♑48	15♎38	7♑57	6♎25	11♌ 5	25♑22	27♑ 4	3♎43	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s 1	26s19	2s41	8s49	1n48	1n50	1n51	7n29	1n28	24s 9	0s31	2s54	2n20	23s58	0s26	0s34	1n50	29n41	12n36	20s48	20s40	4s21		n.a.
F 2	14 21	25 5	1 40	8 19	2 1	1 21	1 52	7 15	1 28	24 9	0 31	2 57	2 21	23 58	0 26	0 35	1 50	29 42	12 36	20 49	20 40	4 24		n.a.
S 3	14 41	22 28	0 33	7 54	2 12	0 53	1 53	7 1	1 28	24 8	0 31	2 59	2 21	23 58	0 26	0 35	1 50	29 42	12 37	20 49	20 41	4 27		n.a.
S 4	15 1	18 35	0n38	7 36	2 21	0 24	1 54	6 47	1 28	24 8	0 31	3 2	2 21	23 57	0 26	0 36	1 50	29 42	12 37	20 49	20 42	4 30		n.a.
M 5	15 20	13 38	1 49	7 24	2 28	0s 5	1 54	6 32	1 29	24 8	0 31	3 4	2 21	23 57	0 26	0 37	1 50	29 43	12 38	20 49	20 42	4 33		n.a.
T 6	15 39	7 52	2 54	7 18	2 33	0 34	1 55	6 18	1 29	24 7	0 31	3 7	2 21	23 57	0 26	0 37	1 50	29 43	12 38	20 50	20 43	4 36		n.a.
W 7	15 58	1 33	3 50	7 17	2 36	1 3	1 55	6 4	1 29	24 7	0 31	3 9	2 21	23 57	0 26	0 38	1 50	29 43	12 39	20 50	20 44	4 39		n.a.
T 8	16 16	4n57	4 32	7 21	2 38	1 32	1 55	5 50	1 29	24 7	0 31	3 12	2 21	23 57	0 26	0 39	1 51	29 44	12 39	20 52	20 44	4 42		n.a.
F 9	16 34	11 15	4 56	7 29	2 39	2 1	1 56	5 35	1 29	24 6	0 31	3 14	2 21	23 57	0 26	0 40	1 51	29 44	12 40	20 53	20 45	4 45		n.a.
S 10	16 52	16 56	5 0	7 42	2 38	2 30	1 56	5 21	1 29	24 6	0 31	3 17	2 21	23 57	0 26	0 40	1 51	29 45	12 40	20 56	20 46	4 48		n.a.
S 11	17 10	21 34	4 44	7 58	2 36	2 59	1 56	5 7	1 30	24 5	0 31	3 19	2 22	23 56	0 26	0 41	1 51	29 45	12 40	20 58	20 46	4 51		n.a.
M12	17 27	24 44	4 9	8 17	2 33	3 28	1 56	4 52	1 30	24 5	0 31	3 21	2 22	23 56	0 26	0 42	1 51	29 45	12 41	21 0	20 47	4 55		n.a.
T 13	17 44	26 14	3 19	8 39	2 29	3 56	1 56	4 38	1 30	24 4	0 31	3 24	2 22	23 56	0 26	0 42	1 51	29 46	12 41	21 1	20 47	4 58		n.a.
W14	18 1	26 0	2 19	9 3	2 25	4 25	1 55	4 24	1 30	24 4	0 31	3 26	2 22	23 56	0 26	0 43	1 51	29 46	12 42	21 2	20 48	5 1		n.a.
T 15	18 17	24 15	1 12	9 29	2 20	4 54	1 55	4 9	1 30	24 3	0 31	3 28	2 22	23 56	0 26	0 44	1 51	29 47	12 42	21 3	20 49	5 4		n.a.
F 16	18 33	21 15	0 4	9 57	2 15	5 23	1 55	3 55	1 30	24 3	0 31	3 31	2 22	23 56	0 26	0 44	1 51	29 47	12 43	21 3	20 49	5 7		n.a.
S 17	18 49	17 19	1s 3	10 26	2 9	5 52	1 54	3 40	1 31	24 2	0 32	3 33	2 22	23 56	0 26	0 45	1 51	29 48	12 43	21 3	20 50	5 10		n.a.
S 18	19 4	12 46	2 5	10 56	2 3	6 20	1 54	3 26	1 31	24 1	0 32	3 35	2 22	23 55	0 26	0 45	1 51	29 48	12 44	21 3	20 51	5 13		n.a.
M19	19 19	7 48	3 0	11 27	1 56	6 49	1 53	3 12	1 31	24 1	0 32	3 37	2 23	23 55	0 26	0 46	1 51	29 48	12 44	21 3	20 51	5 16		n.a.
T 20	19 34	2 37	3 47	11 59	1 49	7 17	1 52	2 57	1 31	24 0	0 32	3 40	2 23	23 55	0 26	0 47	1 51	29 49	12 44	21 3	20 52	5 19		n.a.
W21	19 48	2s37	4 24	12 31	1 42	7 45	1 51	2 43	1 31	23 59	0 32	3 42	2 23	23 55	0 26	0 47	1 51	29 49	12 45	21 4	20 53	5 22		n.a.
T 22	20 2	7 46	4 50	13 3	1 35	8 14	1 50	2 29	1 31	23 59	0 32	3 44	2 23	23 55	0 26	0 48	1 51	29 50	12 45	21 6	20 53	5 25		n.a.
F 23	20 15	12 40	5 3	13 36	1 28	8 42	1 49	2 14	1 31	23 58	0 32	3 46	2 23	23 55	0 26	0 48	1 51	29 50	12 46	21 7	20 54	5 28		n.a.
S 24	20 29	17 8	5 3	14 8	1 20	9 9	1 48	2 0	1 31	23 57	0 32	3 48	2 23	23 54	0 26	0 49	1 51	29 51	12 46	21 9	20 54	5 31		n.a.
S 25	20 41	20 59	4 49	14 41	1 13	9 37	1 47	1 46	1 32	23 56	0 32	3 50	2 23	23 54	0 26	0 49	1 51	29 51	12 47	21 11	20 55	5 34		n.a.
M26	20 54	23 56	4 21	15 13	1 5	10 4	1 46	1 31	1 32	23 55	0 32	3 52	2 24	23 54	0 26	0 50	1 51	29 52	12 47	21 13	20 56	5 37		n.a.
T 27	21 6	25 46	3 40	15 46	0 58	10 31	1 45	1 17	1 32	23 55	0 32	3 54	2 24	23 54	0 26	0 51	1 51	29 52	12 48	21 15	20 56	5 40		n.a.
W28	21 17	26 16	2 47	16 18	0 50	10 58	1 44	1 3	1 32	23 54	0 32	3 56	2 24	23 54	0 26	0 51	1 52	29 53	12 48	21 16	20 57	5 43		n.a.
T 29	21 28	25 20	1 45	16 49	0 43	11 25	1 42	0 48	1 32	23 53	0 32	3 58	2 24	23 53	0 26	0 52	1 52	29 53	12 48	21 17	20 58	5 46		n.a.
F 30	21s39	22s59	0s36	17s20	0n35	11s52	1n41	0n34	1n32	23s52	0s32	4s 0	2n24	23s53	0s26	0s52	1n52	29n54	12n49	21s18	20s58	5s49		n.a.

Julian Day Number = 1714057.5, Delta T = 02h59m16s
Ecliptic obliquity = 23°41'55, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°20'26, Lahiri = - 4°13'26 Julian Calendar 1 Nov. 21 BCE == Greg. Calendar 30 Oct. 021 BCE

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ASTRODIENST EPHEMERIS for the year 21 BCE
geocentric

DECEMBER 21 BCE (-20) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 30 41	7♐38'45	2♒ 3	21♏21	6♏34	2♎41	10♑ 1	15♎43	8♑ 0	6♎26	11°R 5	25°D22	27♑ 1	3♎50	n.a.	S 1
S 2	4 34 38	8°40'01	15°38	22°49	7°49	3°16	10°15	15°48	8° 4	6°27	11♌ 4	25♑23	26°58	3°56	n.a.	S 2
M 3	4 38 34	9°41'17	29°24	24°18	9° 3	3°52	10°28	15°53	8° 7	6°29	11° 4	25°25	26°55	4° 3	n.a.	M 3
T 4	4 42 31	10°42'33	13♓23	25°47	10°17	4°27	10°41	15°58	8°10	6°30	11° 3	25°R25	26°52	4°10	n.a.	T 4
W 5	4 46 27	11°43'48	27°33	27°17	11°32	5° 3	10°54	16° 4	8°13	6°31	11° 2	25°24	26°48	4°17	n.a.	W 5
T 6	4 50 24	12°45'03	11♈55	28°47	12°46	5°38	11° 8	16° 8	8°16	6°32	11° 2	25°21	26°45	4°23	n.a.	T 6
F 7	4 54 21	13°46'17	26°23	0♗17	14° 1	6°14	11°21	16°13	8°20	6°33	11° 1	25°16	26°42	4°30	n.a.	F 7
S 8	4 58 17	14°47'31	10♉54	1°48	15°15	6°49	11°35	16°18	8°23	6°34	11° 0	25°10	26°39	4°37	n.a.	S 8
S 9	5 2 14	15°48'44	25°21	3°20	16°30	7°24	11°48	16°23	8°26	6°35	11° 0	25° 3	26°36	4°43	n.a.	S 9
M10	5 6 10	16°49'57	9♊38	4°51	17°44	8° 0	12° 2	16°28	8°30	6°36	10°59	24°57	26°33	4°50	n.a.	M10
T 11	5 10 7	17°51'10	23°40	6°24	18°59	8°35	12°16	16°32	8°33	6°38	10°58	24°52	26°29	4°57	n.a.	T 11
W12	5 14 3	18°52'22	7♋22	7°56	20°13	9°10	12°29	16°37	8°36	6°38	10°57	24°49	26°26	5° 4	n.a.	W12
T 13	5 18 0	19°53'35	20°41	9°29	21°28	9°45	12°43	16°41	8°40	6°39	10°57	24°D47	26°23	5°10	n.a.	T 13
F 14	5 21 57	20°54'46	3♌38	11° 3	22°43	10°20	12°57	16°46	8°43	6°40	10°56	24°48	26°20	5°17	n.a.	F 14
S 15	5 25 53	21°55'58	16°14	12°37	23°57	10°55	13°11	16°50	8°47	6°41	10°55	24°49	26°17	5°24	n.a.	S 15
S 16	5 29 50	22°57'09	28°33	14°11	25°12	11°30	13°24	16°54	8°50	6°42	10°54	24°51	26°13	5°30	n.a.	S 16
M17	5 33 46	23°58'20	10♍37	15°46	26°27	12° 5	13°38	16°58	8°53	6°43	10°53	24°52	26°10	5°37	n.a.	M17
T 18	5 37 43	24°59'30	22°33	17°22	27°41	12°40	13°52	17° 2	8°57	6°44	10°52	24°R53	26° 7	5°44	n.a.	T 18
W19	5 41 39	26° 0'40	4♎24	18°58	28°56	13°14	14° 6	17° 6	9° 0	6°44	10°51	24°53	26° 4	5°51	n.a.	W19
T 20	5 45 36	27° 1'50	16°17	20°34	0♗11	13°49	14°20	17°10	9° 4	6°45	10°50	24°51	26° 1	5°57	n.a.	T 20
F 21	5 49 32	28° 2'59	28°15	22°11	1°25	14°24	14°34	17°14	9° 7	6°46	10°49	24°48	25°58	6° 4	n.a.	F 21
S 22	5 53 29	29° 4'07	10♏23	23°49	2°40	14°58	14°48	17°18	9°11	6°47	10°48	24°44	25°54	6°11	n.a.	S 22
S 23	5 57 26	0♑ 5'16	22°44	25°27	3°55	15°33	15° 2	17°21	9°14	6°47	10°47	24°40	25°51	6°17	n.a.	S 23
M24	6 1 22	1° 6'23	5♐19	27° 6	5° 9	16° 7	15°16	17°25	9°18	6°48	10°46	24°36	25°48	6°24	n.a.	M24
T 25	6 5 19	2° 7'30	18°12	28°45	6°24	16°41	15°30	17°28	9°21	6°48	10°45	24°32	25°45	6°31	n.a.	T 25
W26	6 9 15	3° 8'36	1♑20	0♑25	7°39	17°16	15°45	17°32	9°25	6°49	10°44	24°30	25°42	6°38	n.a.	W26
T 27	6 13 12	4° 9'41	14°44	2° 5	8°53	17°50	15°59	17°35	9°28	6°49	10°42	24°29	25°39	6°44	n.a.	T 27
F 28	6 17 8	5°10'45	28°22	3°47	10° 8	18°24	16°13	17°38	9°32	6°50	10°41	24°D28	25°35	6°51	n.a.	F 28
S 29	6 21 5	6°11'48	12♒11	5°28	11°23	18°58	16°27	17°41	9°35	6°50	10°40	24°29	25°32	6°58	n.a.	S 29
S 30	6 25 2	7°12'49	26° 9	7°11	12°38	19°32	16°41	17°44	9°39	6°51	10°39	24°30	25°29	7° 4	n.a.	S 30
M31	6 28 58	8♑13'49	10♓14	8♑54	13♐52	20♎ 6	16♑56	17♎47	9♑42	6♎51	10♎38	24♑32	25♑26	7♎11	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s49	19s20	0n36	17s51	0n28	12s18	1n39	0n20	1n32	23s51	0s32	4s 2	2n24	23s53	0s26	0s52	1n52	29n55	12n49	21s18	20s59	5s52		n.a.
S 2	21 59	14 37	1 47	18 21	0 20	12 44	1 38	0 6	1 32	23 50	0 32	4 4	2 25	23 53	0 26	0 53	1 52	29 55	12 50	21 17	20 59	5 55		n.a.
M 3	22 9	9 6	2 53	18 50	0 13	13 9	1 36	0s 8	1 32	23 49	0 32	4 6	2 25	23 53	0 26	0 53	1 52	29 56	12 50	21 17	21 0	5 58		n.a.
T 4	22 18	3 4	3 50	19 19	0 6	13 35	1 34	0 23	1 33	23 48	0 32	4 7	2 25	23 52	0 26	0 54	1 52	29 56	12 51	21 17	21 1	6 1		n.a.
W 5	22 26	3n12	4 34	19 47	0s 1	13 59	1 32	0 37	1 33	23 47	0 32	4 9	2 25	23 52	0 26	0 54	1 52	29 57	12 51	21 17	21 1	6 4		n.a.
T 6	22 34	9 22	5 1	20 14	0 8	14 24	1 31	0 51	1 33	23 46	0 32	4 11	2 25	23 52	0 26	0 55	1 52	29 57	12 51	21 18	21 2	6 7		n.a.
F 7	22 42	15 5	5 9	20 41	0 15	14 48	1 29	1 5	1 33	23 45	0 33	4 13	2 26	23 52	0 26	0 55	1 52	29 58	12 52	21 19	21 3	6 10		n.a.
S 8	22 49	19 57	4 58	21 6	0 22	15 12	1 27	1 19	1 33	23 44	0 33	4 14	2 26	23 52	0 26	0 55	1 52	29 59	12 52	21 20	21 3	6 13		n.a.
S 9	22 56	23 38	4 27	21 31	0 29	15 36	1 25	1 33	1 33	23 43	0 33	4 16	2 26	23 51	0 26	0 56	1 52	29 59	12 53	21 21	21 4	6 16		n.a.
M10	23 2	25 46	3 41	21 55	0 35	15 59	1 23	1 47	1 33	23 41	0 33	4 18	2 26	23 51	0 26	0 56	1 52	30 0	12 53	21 22	21 4	6 19		n.a.
T 11	23 8	26 14	2 41	22 18	0 42	16 22	1 21	2 1	1 33	23 40	0 33	4 19	2 26	23 51	0 26	0 57	1 52	30 0	12 53	21 23	21 5	6 22		n.a.
W12	23 14	25 3	1 34	22 39	0 48	16 44	1 19	2 15	1 33	23 39	0 33	4 21	2 27	23 51	0 26	0 57	1 52	30 1	12 54	21 24	21 6	6 25		n.a.
T 13	23 19	22 27	0 22	23 0	0 54	17 6	1 16	2 29	1 33	23 38	0 33	4 22	2 27	23 50	0 26	0 57	1 52	30 2	12 54	21 24	21 6	6 28		n.a.
F 14	23 23	18 46	0s48	23 20	1 0	17 27	1 14	2 43	1 33	23 36	0 33	4 24	2 27	23 50	0 26	0 57	1 52	30 2	12 55	21 24	21 7	6 31		n.a.
S 15	23 27	14 19	1 55	23 38	1 5	17 48	1 12	2 56	1 33	23 35	0 33	4 25	2 27	23 50	0 26	0 58	1 53	30 3	12 55	21 24	21 7	6 34		n.a.
S 16	23 31	9 23	2 54	23 55	1 11	18 9	1 10	3 10	1 33	23 34	0 33	4 27	2 27	23 50	0 26	0 58	1 53	30 3	12 55	21 23	21 8	6 37		n.a.
M17	23 34	4 12	3 45	24 12	1 16	18 29	1 7	3 24	1 33	23 32	0 33	4 28	2 28	23 50	0 26	0 58	1 53	30 4	12 56	21 23	21 9	6 40		n.a.
T 18	23 36	1s 4	4 25	24 26	1 21	18 48	1 5	3 37	1 33	23 31	0 33	4 29	2 28	23 49	0 26	0 59	1 53	30 5	12 56	21 23	21 9	6 43		n.a.
W19	23 38	6 15	4 54	24 40	1 26	19 7	1 2	3 51	1 33	23 30	0 33	4 31	2 28	23 49	0 26	0 59	1 53	30 5	12 56	21 23	21 10	6 46		n.a.
T 20	23 40	11 13	5 10	24 52	1 31	19 26	1 0	4 5	1 33	23 28	0 33	4 32	2 28	23 49	0 26	0 59	1 53	30 6	12 57	21 23	21 10	6 49		n.a.
F 21	23 41	15 49	5 13	25 3	1 35	19 44	0 58	4 18	1 33	23 27	0 33	4 33	2 29	23 49	0 26	0 59	1 53	30 7	12 57	21 24	21 11	6 52		n.a.
S 22	23 42	19 51	5 2	25 12	1 39	20 1	0 55	4 32	1 33	23 25	0 33	4 35	2 29	23 48	0 26	0 59	1 53	30 7	12 57	21 25	21 12	6 55		n.a.
S 23	23 42	23 6	4 37	25 20	1 43	20 18	0 53	4 45	1 33	23 24	0 34	4 36	2 29	23 48	0 26	1 0	1 53	30 8	12 58	21 25	21 12	6 58		n.a.
M24	23 42	25 19	3 58	25 26	1 46	20 34	0 50	4 58	1 33	23 22	0 34	4 37	2 29	23 48	0 26	1 0	1 53	30 9	12 58	21 26	21 13	7 1		n.a.
T 25	23 41	26 16	3 6	25 31	1 49	20 50	0 47	5 12	1 33	23 21	0 34	4 38	2 29	23 48	0 26	1 0	1 53	30 9	12 58	21 27	21 13	7 4		n.a.
W26	23 40	25 45	2 4	25 34	1 52	21 5	0 45	5 25	1 33	23 19	0 34	4 39	2 30	23 47	0 26	1 0	1 53	30 10	12 59	21 27	21 14	7 7		n.a.
T 27	23 38	23 45	0 53	25 36	1 55	21 20	0 42	5 38	1 33	23 17	0 34	4 40	2 30	23 47	0 26	1 0	1 53	30 11	12 59	21 27	21 15	7 10		n.a.
F 28	23 36	20 22	0n21	25 36	1 57	21 33	0 40	5 51	1 33	23 16	0 34	4 41	2 30	23 47	0 26	1 0	1 53	30 11	12 59	21 27	21 15	7 13		n.a.
S 29	23 33	15 47	1 36	25 34	1 59	21 47	0 37	6 4	1 33	23 14	0 34	4 42	2 30	23 47	0 26	1 0	1 53	30 12	13 0	21 27	21 16	7 16		n.a.
S 30	23 30	10 20	2 46	25 30	2 0	21 59	0 34	6 17	1 33	23 12	0 34	4 43	2 31	23 46	0 26	1 1	1 54	30 12	13 0	21 27	21 16	7 19		n.a.
M31	23s26	4s19	3n47	25s25	2s 1	22s11	0n32	6s30	1n33	23s11	0s34	4s44	2n31	23s46	0s26	1s 1	1n54	30n13	13n 0	21s27	21s17	7s22		n.a.

Julian Day Number = 1714087.5, Delta T = 02h59m15s
Ecliptic obliquity = 23°41'54, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°20'22, Lahiri = - 4°13'22 Julian Calendar 1 Dec. 21 BCE == Greg. Calendar 29 Nov. 021 BCE

The year -20 astronomical counting style corresponds to year 021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 20 BCE
geocentric

JANUARY 20 BCE (-19) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 32 55	9♑14'48	24♓22	10♑38	15♐ 7	20♎40	17♑10	17♎50	9♑46	6♎51	10°R36	24♑33	25♑23	7♎18	n.a.	T 1
W 2	6 36 51	10°15'45	8♈33	12°22	16°22	21°14	17°24	17°53	9°49	6°51	10♌35	24°R33	25°19	7°25	n.a.	W 2
T 3	6 40 48	11°16'41	22°44	14° 7	17°36	21°47	17°38	17°55	9°53	6°52	10°34	24°33	25°16	7°31	n.a.	T 3
F 4	6 44 44	12°17'36	6♉53	15°53	18°51	22°21	17°53	17°58	9°56	6°52	10°32	24°32	25°13	7°38	n.a.	F 4
S 5	6 48 41	13°18'28	20°57	17°39	20° 6	22°54	18° 7	18° 0	10° 0	6°52	10°31	24°31	25°10	7°45	n.a.	S 5
S 6	6 52 37	14°19'20	4♊54	19°26	21°20	23°28	18°21	18° 2	10° 3	6°52	10°30	24°29	25° 7	7°52	n.a.	S 6
M 7	6 56 34	15°20'10	18°41	21°13	22°35	24° 1	18°36	18° 5	10° 7	6°52	10°28	24°28	25° 4	7°58	n.a.	M 7
T 8	7 0 31	16°20'58	2♋16	23° 0	23°50	24°34	18°50	18° 7	10°10	6°52	10°27	24°27	25° 0	8° 5	n.a.	T 8
W 9	7 4 27	17°21'45	15°36	24°49	25° 4	25° 7	19° 4	18° 9	10°14	6°52	10°26	24°27	24°57	8°12	n.a.	W 9
T 10	7 8 24	18°22'31	28°40	26°37	26°19	25°40	19°19	18°11	10°17	6°R52	10°24	24°D26	24°54	8°18	n.a.	T 10
F 11	7 12 20	19°23'15	11♌27	28°25	27°34	26°13	19°33	18°13	10°21	6°52	10°23	24°27	24°51	8°25	n.a.	F 11
S 12	7 16 17	20°23'58	23°59	0♒13	28°48	26°46	19°47	18°14	10°24	6°52	10°21	24°27	24°48	8°32	n.a.	S 12
S 13	7 20 13	21°24'39	6♍16	2° 2	0♑ 3	27°19	20° 2	18°16	10°28	6°52	10°20	24°28	24°45	8°39	n.a.	S 13
M14	7 24 10	22°25'19	18°22	3°49	1°18	27°51	20°16	18°18	10°31	6°52	10°19	24°28	24°41	8°45	n.a.	M14
T 15	7 28 6	23°25'57	0♎19	5°36	2°32	28°24	20°30	18°19	10°35	6°52	10°17	24°28	24°38	8°52	n.a.	T 15
W16	7 32 3	24°26'35	12°12	7°23	3°47	28°56	20°44	18°20	10°38	6°52	10°16	24°R28	24°35	8°59	n.a.	W16
T 17	7 36 0	25°27'11	24° 5	9° 7	5° 2	29°29	20°59	18°22	10°42	6°52	10°14	24°D28	24°32	9° 5	n.a.	T 17
F 18	7 39 56	26°27'45	6♏ 2	10°50	6°16	0♏ 1	21°13	18°23	10°45	6°51	10°13	24°28	24°29	9°12	n.a.	F 18
S 19	7 43 53	27°28'19	18°10	12°31	7°31	0°33	21°27	18°24	10°48	6°51	10°11	24°28	24°25	9°19	n.a.	S 19
S 20	7 47 49	28°28'51	0♐31	14°10	8°46	1° 5	21°42	18°25	10°52	6°51	10°10	24°29	24°22	9°26	n.a.	S 20
M21	7 51 46	29°29'21	13°10	15°45	10° 0	1°37	21°56	18°26	10°55	6°50	10° 8	24°29	24°19	9°32	n.a.	M21
T 22	7 55 42	0♒29'50	26° 9	17°17	11°15	2° 9	22°10	18°26	10°59	6°50	10° 7	24°30	24°16	9°39	n.a.	T 22
W23	7 59 39	1°30'18	9♑29	18°44	12°30	2°40	22°25	18°27	11° 2	6°49	10° 5	24°30	24°13	9°46	n.a.	W23
T 24	8 3 35	2°30'43	23°12	20° 7	13°44	3°12	22°39	18°27	11° 5	6°49	10° 4	24°R30	24°10	9°52	n.a.	T 24
F 25	8 7 32	3°31'07	7♒14	21°23	14°59	3°43	22°53	18°28	11° 9	6°49	10° 2	24°30	24° 6	9°59	n.a.	F 25
S 26	8 11 29	4°31'30	21°31	22°34	16°14	4°14	23° 7	18°28	11°12	6°48	10° 1	24°30	24° 3	10° 6	n.a.	S 26
S 27	8 15 25	5°31'50	5♓59	23°38	17°28	4°45	23°21	18°28	11°15	6°47	9°59	24°28	24° 0	10°13	n.a.	S 27
M28	8 19 22	6°32'08	20°32	24°34	18°43	5°16	23°36	18°29	11°19	6°47	9°57	24°27	23°57	10°19	n.a.	M28
T 29	8 23 18	7°32'24	5♈ 3	25°22	19°57	5°47	23°50	18°R29	11°22	6°46	9°56	24°25	23°54	10°26	n.a.	T 29
W30	8 27 15	8°32'37	19°28	26° 2	21°12	6°18	24° 4	18°28	11°25	6°46	9°54	24°24	23°51	10°33	n.a.	W30
T 31	8 31 11	9♒32'49	3♉43	26♒33	22♑27	6♏48	24♑18	18♎28	11♑28	6♎45	9♌53	24°D23	23♑47	10♎40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23 s22	1n55	4n33	25 s18	2 s 2	22 s23	0n29	6 s43	1n33	23 s 9	0 s34	4 s45	2n31	23 s46	0 s26	1 s 1	1n54	30n14	13n 1	21 s27	21 s18	7 s25		n.a.	T 1
W 2	23 18	8 4	5 4	25 9	2 2	22 33	0 26	6 56	1 33	23 7	0 34	4 46	2 31	23 46	0 26	1 1	1 54	30 14	13 1	21 27	21 18	7 28		n.a.	W 2
T 3	23 13	13 49	5 16	24 58	2 2	22 43	0 24	7 9	1 33	23 5	0 34	4 46	2 32	23 45	0 26	1 1	1 54	30 15	13 1	21 27	21 19	7 30		n.a.	T 3
F 4	23 7	18 48	5 9	24 45	2 1	22 53	0 21	7 21	1 33	23 4	0 35	4 47	2 32	23 45	0 26	1 1	1 54	30 16	13 1	21 27	21 19	7 33		n.a.	F 4
S 5	23 1	22 44	4 43	24 30	2 0	23 1	0 18	7 34	1 33	23 2	0 35	4 48	2 32	23 45	0 26	1 1	1 54	30 16	13 2	21 27	21 20	7 36		n.a.	S 5
S 6	22 55	25 18	4 1	24 13	1 58	23 9	0 16	7 46	1 33	23 0	0 35	4 48	2 32	23 45	0 26	1 1	1 54	30 17	13 2	21 27	21 20	7 39		n.a.	S 6
M 7	22 48	26 17	3 5	23 55	1 56	23 16	0 13	7 59	1 33	22 58	0 35	4 49	2 33	23 44	0 26	1 1	1 54	30 18	13 2	21 28	21 21	7 42		n.a.	M 7
T 8	22 41	25 41	2 0	23 34	1 53	23 23	0 10	8 11	1 32	22 56	0 35	4 50	2 33	23 44	0 26	1 1	1 54	30 18	13 2	21 28	21 22	7 45		n.a.	T 8
W 9	22 33	23 35	0 49	23 12	1 50	23 29	0 8	8 24	1 32	22 54	0 35	4 50	2 33	23 44	0 26	1 1	1 54	30 19	13 3	21 28	21 22	7 48		n.a.	W 9
T 10	22 25	20 16	0 s23	22 47	1 46	23 34	0 5	8 36	1 32	22 52	0 35	4 51	2 33	23 44	0 26	1 1	1 54	30 19	13 3	21 28	21 23	7 51		n.a.	T 10
F 11	22 17	16 3	1 33	22 21	1 41	23 38	0 2	8 48	1 32	22 50	0 35	4 51	2 34	23 43	0 26	1 1	1 54	30 20	13 3	21 28	21 23	7 54		n.a.	F 11
S 12	22 8	11 13	2 37	21 53	1 36	23 42	0 s 0	9 0	1 32	22 48	0 35	4 52	2 34	23 43	0 26	1 0	1 54	30 21	13 3	21 28	21 24	7 57		n.a.	S 12
S 13	21 58	6 2	3 32	21 23	1 30	23 45	0 3	9 12	1 32	22 46	0 35	4 52	2 34	23 43	0 26	1 0	1 55	30 21	13 4	21 28	21 25	8 0		n.a.	S 13
M14	21 49	0 43	4 16	20 51	1 23	23 47	0 6	9 24	1 32	22 44	0 35	4 52	2 34	23 43	0 26	1 0	1 55	30 22	13 4	21 28	21 25	8 3		n.a.	M14
T 15	21 38	4 s33	4 50	20 17	1 15	23 49	0 8	9 36	1 31	22 42	0 36	4 53	2 35	23 42	0 26	1 0	1 55	30 23	13 4	21 28	21 26	8 6		n.a.	T 15
W16	21 28	9 37	5 10	19 42	1 7	23 49	0 11	9 48	1 31	22 40	0 36	4 53	2 35	23 42	0 26	1 0	1 55	30 23	13 4	21 28	21 26	8 8		n.a.	W16
T 17	21 17	14 20	5 17	19 6	0 58	23 49	0 13	9 59	1 31	22 38	0 36	4 53	2 35	23 42	0 26	1 0	1 55	30 24	13 4	21 28	21 27	8 11		n.a.	T 17
F 18	21 5	18 33	5 11	18 28	0 48	23 49	0 16	10 11	1 31	22 36	0 36	4 53	2 35	23 41	0 26	1 0	1 55	30 24	13 5	21 28	21 27	8 14		n.a.	F 18
S 19	20 54	22 4	4 51	17 50	0 38	23 47	0 18	10 22	1 31	22 33	0 36	4 54	2 36	23 41	0 26	1 0	1 55	30 25	13 5	21 27	21 28	8 17		n.a.	S 19
S 20	20 41	24 39	4 17	17 11	0 26	23 45	0 21	10 34	1 30	22 31	0 36	4 54	2 36	23 41	0 26	0 59	1 55	30 26	13 5	21 27	21 29	8 20		n.a.	S 20
M21	20 29	26 5	3 30	16 31	0 14	23 42	0 23	10 45	1 30	22 29	0 36	4 54	2 36	23 41	0 26	0 59	1 55	30 26	13 5	21 27	21 29	8 23		n.a.	M21
T 22	20 16	26 9	2 31	15 51	0 2	23 39	0 26	10 56	1 30	22 27	0 36	4 54	2 36	23 40	0 26	0 59	1 55	30 27	13 5	21 27	21 30	8 26		n.a.	T 22
W23	20 2	24 43	1 22	15 11	0n12	23 34	0 28	11 8	1 30	22 25	0 36	4 54	2 37	23 40	0 26	0 59	1 55	30 27	13 5	21 27	21 30	8 29		n.a.	W23
T 24	19 49	21 48	0 7	14 32	0 26	23 29	0 30	11 19	1 29	22 22	0 36	4 54	2 37	23 40	0 26	0 58	1 55	30 28	13 5	21 27	21 31	8 32		n.a.	T 24
F 25	19 35	17 32	1n10	13 54	0 40	23 23	0 33	11 30	1 29	22 20	0 37	4 54	2 37	23 40	0 26	0 58	1 55	30 29	13 6	21 27	21 31	8 34		n.a.	F 25
S 26	19 20	12 13	2 24	13 17	0 55	23 17	0 35	11 41	1 29	22 18	0 37	4 54	2 37	23 39	0 26	0 58	1 55	30 29	13 6	21 27	21 32	8 37		n.a.	S 26
S 27	19 6	6 10	3 30	12 41	1 10	23 10	0 37	11 51	1 29	22 15	0 37	4 53	2 38	23 39	0 26	0 58	1 55	30 30	13 6	21 27	21 32	8 40		n.a.	S 27
M28	18 50	0n13	4 23	12 8	1 26	23 2	0 40	12 2	1 28	22 13	0 37	4 53	2 38	23 39	0 26	0 57	1 55	30 30	13 6	21 28	21 33	8 43		n.a.	M28
T 29	18 35	6 35	4 58	11 37	1 41	22 53	0 42	12 13	1 28	22 11	0 37	4 53	2 38	23 39	0 26	0 57	1 56	30 31	13 6	21 28	21 34	8 46		n.a.	T 29
W30	18 19	12 33	5 15	11 9	1 57	22 44	0 44	12 23	1 28	22 8	0 37	4 53	2 38	23 38	0 26	0 57	1 56	30 31	13 6	21 28	21 34	8 49		n.a.	W30
T 31	18 s 3	17n46	5n12	10 s44	2n12	22 s34	0 s46	12 s33	1n27	22 s 6	0 s37	4 s52	2n39	23 s38	0 s26	0 s56	1n56	30n32	13n 6	21 s28	21 s35	8 s52		n.a.	T 31

Julian Day Number = 1714118.5, Delta T = 02h59m15s
Ecliptic obliquity = 23°41'54, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°20'18, Lahiri = - 4°13'17 Julian Calendar 1 Jan. 20 BCE == Greg. Calendar 30 Dec. 021 BCE

The year -19 astronomical counting style corresponds to year 020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 20 BCE
geocentric

FEBRUARY 20 BCE (-19) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 35 8	10♒32'59	17♉46	26♒55	23♑41	7♏18	24♑32	18°R28	11♑31	6°R44	9°R51	24♑23	23♑44	10♎46	n.a.	F 1
S 2	8 39 4	11°33'06	1♊35	27° 7	24°56	7°48	24°46	18♎28	11°35	6♎43	9♌50	24°24	23°41	10°53	n.a.	S 2
S 3	8 43 1	12°33'11	15°10	27°R10	26°10	8°18	25° 0	18°27	11°38	6°43	9°48	24°26	23°38	11° 0	n.a.	S 3
M 4	8 46 58	13°33'14	28°32	27° 3	27°25	8°48	25°14	18°26	11°41	6°42	9°47	24°27	23°35	11° 6	n.a.	M 4
T 5	8 50 54	14°33'14	11♋40	26°47	28°39	9°18	25°28	18°26	11°44	6°41	9°45	24°28	23°31	11°13	n.a.	T 5
W 6	8 54 51	15°33'13	24°35	26°23	29°54	9°48	25°42	18°25	11°47	6°40	9°44	24°R29	23°28	11°20	n.a.	W 6
T 7	8 58 47	16°33'09	7♌19	25°51	1♒ 8	10°17	25°56	18°24	11°50	6°39	9°42	24°28	23°25	11°27	n.a.	T 7
F 8	9 2 44	17°33'03	19°50	25°12	2°23	10°46	26°10	18°23	11°53	6°38	9°40	24°26	23°22	11°33	n.a.	F 8
S 9	9 6 40	18°32'55	2♍11	24°26	3°37	11°15	26°23	18°22	11°56	6°38	9°39	24°23	23°19	11°40	n.a.	S 9
S 10	9 10 37	19°32'45	14°22	23°36	4°52	11°44	26°37	18°21	11°59	6°37	9°37	24°19	23°16	11°47	n.a.	S 10
M11	9 14 33	20°32'33	26°24	22°42	6° 6	12°12	26°51	18°19	12° 2	6°36	9°36	24°15	23°12	11°53	n.a.	M11
T 12	9 18 30	21°32'19	8♎20	21°45	7°21	12°41	27° 5	18°18	12° 5	6°35	9°34	24°10	23° 9	12° 0	n.a.	T 12
W13	9 22 27	22°32'04	20°13	20°47	8°35	13° 9	27°18	18°17	12° 8	6°34	9°33	24° 6	23° 6	12° 7	n.a.	W13
T 14	9 26 23	23°31'46	2♏ 5	19°49	9°50	13°37	27°32	18°15	12°11	6°32	9°31	24° 3	23° 3	12°14	n.a.	T 14
F 15	9 30 20	24°31'27	14° 2	18°53	11° 4	14° 5	27°46	18°13	12°14	6°31	9°30	24° 1	23° 0	12°20	n.a.	F 15
S 16	9 34 16	25°31'06	26° 6	17°58	12°18	14°33	27°59	18°12	12°16	6°30	9°28	24°D 0	22°57	12°27	n.a.	S 16
S 17	9 38 13	26°30'43	8♐24	17° 8	13°33	15° 0	28°13	18°10	12°19	6°29	9°27	24° 1	22°53	12°34	n.a.	S 17
M18	9 42 9	27°30'18	21° 0	16°21	14°47	15°27	28°26	18° 8	12°22	6°28	9°25	24° 2	22°50	12°40	n.a.	M18
T 19	9 46 6	28°29'51	3♑57	15°40	16° 2	15°54	28°39	18° 6	12°25	6°27	9°24	24° 4	22°47	12°47	n.a.	T 19
W20	9 50 2	29°29'23	17°20	15° 4	17°16	16°21	28°53	18° 4	12°27	6°26	9°23	24°R 5	22°44	12°54	n.a.	W20
T 21	9 53 59	0♓28'52	1♒ 9	14°33	18°30	16°47	29° 6	18° 1	12°30	6°24	9°21	24° 5	22°41	13° 1	n.a.	T 21
F 22	9 57 55	1°28'20	15°24	14° 9	19°45	17°13	29°19	17°59	12°33	6°23	9°20	24° 3	22°37	13° 7	n.a.	F 22
S 23	10 1 52	2°27'45	0♓ 1	13°50	20°59	17°39	29°33	17°57	12°35	6°22	9°18	24° 0	22°34	13°14	n.a.	S 23
S 24	10 5 49	3°27'08	14°53	13°38	22°14	18° 5	29°46	17°54	12°38	6°21	9°17	23°55	22°31	13°21	n.a.	S 24
M25	10 9 45	4°26'29	29°53	13°31	23°28	18°31	29°59	17°52	12°40	6°19	9°15	23°48	22°28	13°28	n.a.	M25
T 26	10 13 42	5°25'48	14♈51	13°D31	24°42	18°56	0♒12	17°49	12°43	6°18	9°14	23°42	22°25	13°34	n.a.	T 26
W27	10 17 38	6°25'04	29°38	13°36	25°57	19°21	0°25	17°46	12°45	6°17	9°13	23°37	22°22	13°41	n.a.	W27
T 28	10 21 35	7♓24'18	14♉ 9	13♒46	27♒11	19♏45	0♒38	17♎43	12♑47	6♎15	9♌11	23♑33	22♑18	13♎48	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s47	21n57	4n50	10s23	2n26	22s23	0s48	12s44	1n27	22s 4	0s37	4s52	2n39	23s38	0s26	0s56	1n56	30n32	13n 6	21s28	21s35	8s55		n.a.
S 2	17 30	24 49	4 12	10 6	2 41	22 12	0 50	12 54	1 27	22 1	0 37	4 52	2 39	23 37	0 26	0 56	1 56	30 33	13 6	21 28	21 36	8 57		n.a.
S 3	17 13	26 11	3 20	9 52	2 54	22 0	0 52	13 4	1 26	21 59	0 38	4 51	2 39	23 37	0 26	0 55	1 56	30 33	13 6	21 28	21 36	9 0		n.a.
M 4	16 56	26 0	2 18	9 43	3 6	21 47	0 54	13 14	1 26	21 56	0 38	4 51	2 40	23 37	0 26	0 55	1 56	30 34	13 6	21 28	21 37	9 3		n.a.
T 5	16 39	24 21	1 10	9 38	3 17	21 34	0 56	13 24	1 25	21 54	0 38	4 50	2 40	23 37	0 26	0 55	1 56	30 34	13 6	21 28	21 37	9 6		n.a.
W 6	16 21	21 26	0s 1	9 37	3 27	21 20	0 58	13 34	1 25	21 51	0 38	4 50	2 40	23 36	0 26	0 54	1 56	30 35	13 7	21 27	21 38	9 9		n.a.
T 7	16 3	17 31	1 10	9 40	3 35	21 5	0 59	13 44	1 24	21 49	0 38	4 49	2 40	23 36	0 26	0 54	1 56	30 35	13 7	21 28	21 39	9 12		n.a.
F 8	15 44	12 53	2 15	9 47	3 41	20 50	1 1	13 53	1 24	21 46	0 38	4 49	2 41	23 36	0 26	0 53	1 56	30 36	13 7	21 28	21 39	9 14		n.a.
S 9	15 26	7 49	3 13	9 58	3 46	20 34	1 3	14 3	1 24	21 44	0 38	4 48	2 41	23 36	0 26	0 53	1 56	30 36	13 7	21 28	21 40	9 17		n.a.
S 10	15 7	2 32	4 0	10 13	3 48	20 18	1 5	14 12	1 23	21 41	0 38	4 47	2 41	23 35	0 26	0 53	1 56	30 37	13 7	21 29	21 40	9 20		n.a.
M11	14 48	2s47	4 37	10 30	3 48	20 1	1 6	14 21	1 23	21 39	0 39	4 47	2 41	23 35	0 26	0 52	1 56	30 37	13 7	21 30	21 41	9 23		n.a.
T 12	14 29	7 56	5 1	10 50	3 47	19 43	1 8	14 31	1 22	21 36	0 39	4 46	2 42	23 35	0 26	0 52	1 56	30 38	13 7	21 31	21 41	9 26		n.a.
W13	14 9	12 47	5 12	11 12	3 43	19 25	1 9	14 40	1 21	21 34	0 39	4 45	2 42	23 35	0 27	0 51	1 56	30 38	13 7	21 31	21 42	9 29		n.a.
T 14	13 49	17 10	5 10	11 36	3 37	19 7	1 10	14 49	1 21	21 31	0 39	4 44	2 42	23 34	0 27	0 51	1 56	30 38	13 7	21 32	21 42	9 31		n.a.
F 15	13 29	20 53	4 54	12 0	3 30	18 47	1 12	14 58	1 20	21 28	0 39	4 43	2 42	23 34	0 27	0 50	1 56	30 39	13 7	21 32	21 43	9 34		n.a.
S 16	13 9	23 47	4 25	12 25	3 21	18 28	1 13	15 6	1 20	21 26	0 39	4 42	2 43	23 34	0 27	0 50	1 57	30 39	13 7	21 32	21 43	9 37		n.a.
S 17	12 49	25 38	3 44	12 51	3 10	18 7	1 14	15 15	1 19	21 23	0 39	4 42	2 43	23 34	0 27	0 49	1 57	30 40	13 6	21 32	21 44	9 40		n.a.
M18	12 28	26 14	2 51	13 16	2 59	17 47	1 16	15 24	1 18	21 21	0 40	4 41	2 43	23 33	0 27	0 49	1 57	30 40	13 6	21 32	21 44	9 43		n.a.
T 19	12 7	25 26	1 48	13 40	2 46	17 25	1 17	15 32	1 18	21 18	0 40	4 40	2 43	23 33	0 27	0 48	1 57	30 40	13 6	21 32	21 45	9 45		n.a.
W20	11 46	23 10	0 37	14 3	2 33	17 4	1 18	15 41	1 17	21 15	0 40	4 39	2 43	23 33	0 27	0 48	1 57	30 41	13 6	21 32	21 46	9 48		n.a.
T 21	11 25	19 30	0n38	14 26	2 19	16 41	1 19	15 49	1 16	21 13	0 40	4 38	2 44	23 33	0 27	0 47	1 57	30 41	13 6	21 32	21 46	9 51		n.a.
F 22	11 4	14 35	1 53	14 47	2 5	16 19	1 20	15 57	1 16	21 10	0 40	4 36	2 44	23 33	0 27	0 47	1 57	30 41	13 6	21 32	21 47	9 54		n.a.
S 23	10 43	8 44	3 3	15 6	1 50	15 56	1 21	16 5	1 15	21 7	0 40	4 35	2 44	23 32	0 27	0 46	1 57	30 42	13 6	21 33	21 47	9 57		n.a.
S 24	10 21	2 19	4 1	15 24	1 35	15 32	1 21	16 13	1 14	21 5	0 40	4 34	2 44	23 32	0 27	0 46	1 57	30 42	13 6	21 33	21 48	9 59		n.a.
M25	9 59	4n16	4 43	15 40	1 20	15 8	1 22	16 21	1 13	21 2	0 41	4 33	2 44	23 32	0 27	0 45	1 57	30 42	13 6	21 35	21 48	10 2		n.a.
T 26	9 37	10 36	5 5	15 54	1 6	14 44	1 23	16 29	1 12	20 59	0 41	4 32	2 45	23 32	0 27	0 44	1 57	30 43	13 6	21 36	21 49	10 5		n.a.
W27	9 15	16 15	5 7	16 6	0 51	14 19	1 23	16 36	1 12	20 57	0 41	4 31	2 45	23 31	0 27	0 44	1 57	30 43	13 6	21 37	21 49	10 8		n.a.
T 28	8s53	20n51	4n50	16s17	0n37	13s54	1s24	16s44	1n11	20s54	0s41	4s29	2n45	23s31	0s27	0s43	1n57	30n43	13n 6	21s37	21s50	10s11		n.a.

Julian Day Number = 1714149.5, Delta T = 02h59m14s
Ecliptic obliquity = 23°41'54, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°20'14, Lahiri = - 4°13'13 Julian Calendar 1 Feb. 20 BCE == Greg. Calendar 30 Jan. 020 BCE

The year -19 astronomical counting style corresponds to year 020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 20 BCE
geocentric

MARCH 20 BCE (-19) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 25 31	8♓23'29	28♉18	14♒ 2	28♒25	20♏ 9	0♒50	17°R40	12♑50	6°R14	9°R10	23°R31	22♑15	13♎54	n.a.	F 1
S 2	10 29 28	9°22'39	12♊ 6	14°23	29°39	20°33	1° 3	17♎37	12°52	6♎12	9♌ 9	23°D30	22°12	14° 1	n.a.	S 2
S 3	10 33 24	10°21'45	25°32	14°48	0♓54	20°57	1°16	17°34	12°54	6°11	9° 8	23♑31	22° 9	14° 8	n.a.	S 3
M 4	10 37 21	11°20'50	8♋39	15°18	2° 8	21°20	1°28	17°31	12°57	6°10	9° 6	23°32	22° 6	14°15	n.a.	M 4
T 5	10 41 18	12°19'52	21°29	15°52	3°22	21°44	1°41	17°28	12°59	6° 8	9° 5	23°R33	22° 3	14°21	n.a.	T 5
W 6	10 45 14	13°18'51	4♌ 5	16°30	4°36	22° 6	1°54	17°25	13° 1	6° 7	9° 4	23°32	21°59	14°28	n.a.	W 6
T 7	10 49 11	14°17'48	16°30	17°12	5°51	22°29	2° 6	17°22	13° 3	6° 5	9° 3	23°30	21°56	14°35	n.a.	T 7
F 8	10 53 7	15°16'43	28°46	17°58	7° 5	22°51	2°18	17°18	13° 5	6° 4	9° 1	23°25	21°53	14°42	n.a.	F 8
S 9	10 57 4	16°15'36	10♍55	18°47	8°19	23°13	2°31	17°15	13° 7	6° 2	9° 0	23°17	21°50	14°48	n.a.	S 9
S 10	11 1 0	17°14'26	22°57	19°39	9°33	23°34	2°43	17°11	13° 9	6° 1	8°59	23° 8	21°47	14°55	n.a.	S 10
M11	11 4 57	18°13'15	4♎54	20°35	10°47	23°55	2°55	17° 8	13°11	5°59	8°58	22°58	21°43	15° 2	n.a.	M11
T 12	11 8 53	19°12'01	16°48	21°33	12° 2	24°16	3° 7	17° 4	13°13	5°58	8°57	22°47	21°40	15° 8	n.a.	T 12
W13	11 12 50	20°10'45	28°40	22°34	13°16	24°36	3°19	17° 0	13°15	5°56	8°56	22°37	21°37	15°15	n.a.	W13
T 14	11 16 46	21° 9'28	10♏33	23°38	14°30	24°56	3°31	16°56	13°17	5°54	8°55	22°28	21°34	15°22	n.a.	T 14
F 15	11 20 43	22° 8'09	22°30	24°45	15°44	25°15	3°43	16°53	13°19	5°53	8°54	22°21	21°31	15°29	n.a.	F 15
S 16	11 24 40	23° 6'48	4♐33	25°53	16°58	25°34	3°54	16°49	13°20	5°51	8°53	22°17	21°28	15°35	n.a.	S 16
S 17	11 28 36	24° 5'25	16°48	27° 5	18°12	25°53	4° 6	16°45	13°22	5°50	8°51	22°15	21°24	15°42	n.a.	S 17
M18	11 32 33	25° 4'00	29°20	28°18	19°26	26°11	4°18	16°41	13°24	5°48	8°51	22°D15	21°21	15°49	n.a.	M18
T 19	11 36 29	26° 2'34	12♑12	29°34	20°40	26°29	4°29	16°37	13°25	5°46	8°50	22°16	21°18	15°55	n.a.	T 19
W20	11 40 26	27° 1'06	25°29	0♓52	21°55	26°47	4°40	16°33	13°27	5°45	8°49	22°R16	21°15	16° 2	n.a.	W20
T 21	11 44 22	27°59'36	9♒15	2°12	23° 9	27° 3	4°52	16°29	13°28	5°43	8°48	22°15	21°12	16° 9	n.a.	T 21
F 22	11 48 19	28°58'04	23°29	3°34	24°23	27°20	5° 3	16°24	13°30	5°42	8°47	22°12	21° 8	16°16	n.a.	F 22
S 23	11 52 15	29°56'31	8♓11	4°57	25°37	27°36	5°14	16°20	13°31	5°40	8°46	22° 6	21° 5	16°22	n.a.	S 23
S 24	11 56 12	0♈54'56	23°13	6°23	26°51	27°51	5°25	16°16	13°33	5°38	8°45	21°57	21° 2	16°29	n.a.	S 24
M25	12 0 9	1°53'18	8♈28	7°51	28° 5	28° 6	5°36	16°12	13°34	5°37	8°44	21°48	20°59	16°36	n.a.	M25
T 26	12 4 5	2°51'39	23°44	9°21	29°19	28°20	5°47	16° 7	13°35	5°35	8°43	21°37	20°56	16°43	n.a.	T 26
W27	12 8 2	3°49'58	8♉51	10°52	0♈33	28°34	5°57	16° 3	13°36	5°33	8°43	21°28	20°53	16°49	n.a.	W27
T 28	12 11 58	4°48'15	23°38	12°25	1°47	28°48	6° 8	15°59	13°38	5°32	8°42	21°20	20°49	16°56	n.a.	T 28
F 29	12 15 55	5°46'30	8♊ 1	14° 0	3° 1	29° 0	6°18	15°54	13°39	5°30	8°41	21°16	20°46	17° 3	n.a.	F 29
S 30	12 19 51	6°44'42	21°56	15°37	4°15	29°13	6°29	15°50	13°40	5°29	8°41	21°13	20°43	17° 9	n.a.	S 30
S 31	12 23 48	7♈42'53	5♋24	17♓16	5♈29	29♏24	6♒39	15♎46	13♑41	5♎27	8♌40	21°D12	20♑40	17♎16	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8s31	24n 7	4n14	16s25	0n24	13s28	1s25	16s51	1n10	20s51	0s41	4s28	2n45	23s31	0s27	0s43	1n57	30n43	13n 5	21s38	21s50	10s13		n.a.
S 2	8 8	25 52	3 25	16 32	0 10	13 2	1 25	16 59	1 9	20 49	0 41	4 27	2 45	23 31	0 27	0 42	1 57	30 44	13 5	21 38	21 51	10 16		n.a.
S 3	7 46	26 3	2 25	16 37	0s 3	12 36	1 25	17 6	1 8	20 46	0 42	4 25	2 46	23 31	0 27	0 41	1 57	30 44	13 5	21 38	21 51	10 19		n.a.
M 4	7 23	24 44	1 20	16 40	0 15	12 10	1 26	17 13	1 7	20 43	0 42	4 24	2 46	23 30	0 27	0 41	1 57	30 44	13 5	21 37	21 52	10 22		n.a.
T 5	7 0	22 9	0 11	16 41	0 27	11 43	1 26	17 20	1 6	20 41	0 42	4 23	2 46	23 30	0 27	0 40	1 57	30 44	13 5	21 37	21 52	10 24		n.a.
W 6	6 38	18 32	0s56	16 40	0 39	11 15	1 26	17 27	1 5	20 38	0 42	4 21	2 46	23 30	0 27	0 40	1 57	30 45	13 5	21 37	21 53	10 27		n.a.
T 7	6 15	14 9	2 0	16 38	0 50	10 48	1 26	17 34	1 4	20 35	0 42	4 20	2 46	23 30	0 27	0 39	1 57	30 45	13 5	21 38	21 53	10 30		n.a.
F 8	5 52	9 15	2 58	16 34	1 0	10 20	1 26	17 40	1 3	20 33	0 42	4 18	2 46	23 30	0 27	0 38	1 57	30 45	13 4	21 39	21 54	10 33		n.a.
S 9	5 29	4 4	3 46	16 28	1 10	9 52	1 26	17 47	1 2	20 30	0 43	4 17	2 46	23 30	0 27	0 38	1 57	30 45	13 4	21 40	21 54	10 35		n.a.
S 10	5 6	1s12	4 24	16 20	1 19	9 24	1 26	17 53	1 0	20 28	0 43	4 15	2 47	23 29	0 27	0 37	1 57	30 45	13 4	21 41	21 55	10 38		n.a.
M11	4 42	6 23	4 50	16 10	1 28	8 55	1 26	18 0	0 59	20 25	0 43	4 14	2 47	23 29	0 27	0 36	1 57	30 45	13 4	21 43	21 55	10 41		n.a.
T 12	4 19	11 19	5 3	15 59	1 36	8 27	1 26	18 6	0 58	20 22	0 43	4 12	2 47	23 29	0 27	0 36	1 57	30 46	13 4	21 45	21 56	10 44		n.a.
W13	3 56	15 49	5 3	15 46	1 44	7 58	1 26	18 12	0 57	20 20	0 43	4 11	2 47	23 29	0 27	0 35	1 57	30 46	13 4	21 47	21 56	10 46		n.a.
T 14	3 33	19 43	4 49	15 32	1 51	7 29	1 25	18 19	0 55	20 17	0 43	4 9	2 47	23 29	0 27	0 35	1 57	30 46	13 3	21 48	21 57	10 49		n.a.
F 15	3 9	22 50	4 24	15 15	1 57	6 59	1 25	18 25	0 54	20 14	0 44	4 8	2 47	23 29	0 27	0 34	1 57	30 46	13 3	21 49	21 57	10 52		n.a.
S 16	2 46	24 59	3 46	14 57	2 3	6 30	1 24	18 31	0 53	20 12	0 44	4 6	2 47	23 28	0 27	0 33	1 58	30 46	13 3	21 50	21 58	10 55		n.a.
S 17	2 22	25 59	2 57	14 38	2 9	6 0	1 24	18 36	0 51	20 9	0 44	4 5	2 48	23 28	0 27	0 33	1 58	30 46	13 3	21 50	21 58	10 57		n.a.
M18	1 59	25 41	1 59	14 17	2 14	5 30	1 23	18 42	0 50	20 7	0 44	4 3	2 48	23 28	0 27	0 32	1 58	30 46	13 2	21 50	21 59	11 0		n.a.
T 19	1 35	24 1	0 53	13 54	2 18	5 0	1 23	18 48	0 48	20 4	0 44	4 1	2 48	23 28	0 27	0 31	1 58	30 46	13 2	21 50	21 59	11 3		n.a.
W20	1 12	21 0	0n17	13 30	2 22	4 30	1 22	18 53	0 47	20 1	0 45	4 0	2 48	23 28	0 27	0 31	1 58	30 46	13 2	21 50	22 0	11 5		n.a.
T 21	0 48	16 42	1 29	13 4	2 25	3 59	1 21	18 59	0 45	19 59	0 45	3 58	2 48	23 28	0 27	0 30	1 58	30 46	13 2	21 50	22 0	11 8		n.a.
F 22	0 25	11 21	2 38	12 36	2 28	3 29	1 20	19 4	0 44	19 56	0 45	3 56	2 48	23 28	0 27	0 29	1 58	30 46	13 2	21 51	22 1	11 11		n.a.
S 23	0 1	5 13	3 38	12 7	2 30	2 59	1 20	19 9	0 42	19 54	0 45	3 55	2 48	23 28	0 27	0 29	1 58	30 46	13 1	21 52	22 1	11 14		n.a.
S 24	0n22	1n20	4 25	11 36	2 32	2 28	1 19	19 14	0 40	19 51	0 45	3 53	2 48	23 27	0 28	0 28	1 58	30 46	13 1	21 53	22 2	11 16		n.a.
M25	0 46	7 53	4 54	11 4	2 33	1 57	1 18	19 20	0 39	19 49	0 46	3 51	2 48	23 27	0 28	0 27	1 58	30 46	13 1	21 55	22 2	11 19		n.a.
T 26	1 9	13 58	5 2	10 31	2 33	1 27	1 17	19 25	0 37	19 46	0 46	3 49	2 48	23 27	0 28	0 27	1 58	30 46	13 1	21 56	22 3	11 22		n.a.
W27	1 32	19 8	4 48	9 56	2 33	0 56	1 15	19 29	0 35	19 44	0 46	3 48	2 48	23 27	0 28	0 26	1 58	30 46	13 0	21 58	22 3	11 24		n.a.
T 28	1 56	23 0	4 16	9 19	2 33	0 25	1 14	19 34	0 33	19 41	0 46	3 46	2 48	23 27	0 28	0 25	1 58	30 46	13 0	21 59	22 4	11 27		n.a.
F 29	2 19	25 18	3 28	8 41	2 32	0n 6	1 13	19 39	0 31	19 39	0 46	3 44	2 48	23 27	0 28	0 25	1 58	30 46	13 0	22 0	22 4	11 30		n.a.
S 30	2 42	25 55	2 28	8 2	2 30	0 37	1 12	19 44	0 29	19 36	0 47	3 42	2 48	23 27	0 28	0 24	1 58	30 46	13 0	22 0	22 5	11 32		n.a.
S 31	3n 6	24n58	1n23	7s21	2s28	1n 7	1s10	19s48	0n27	19s34	0s47	3s41	2n49	23s27	0s28	0s23	1n58	30n46	12n59	22s 0	22s 5	11s35		n.a.

Julian Day Number = 1714177.5, Delta T = 02h59m13s
Ecliptic obliquity = 23°41'54, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°20'10, Lahiri = - 4°13'09 Julian Calendar 1 March 20 BCE == Greg. Calendar 27 Feb. 020 BCE

The year -19 astronomical counting style corresponds to year 020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 20 BCE
geocentric

APRIL 20 BCE (-19) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 27 44	8♈41'01	18♋27	18♓56	6♈43	29♏35	6♒49	15°R41	13♑42	5°R25	8°R39	21°R12	20♑37	17♎23	n.a.	M 1
T 2	12 31 41	9°39'08	1♌11	20°39	7°57	29°46	6°59	15♎37	13°43	5♎24	8♌39	21♑12	20°34	17°30	n.a.	T 2
W 3	12 35 38	10°37'12	13°37	22°23	9°11	29°56	7° 9	15°32	13°44	5°22	8°38	21°10	20°30	17°36	n.a.	W 3
T 4	12 39 34	11°35'14	25°52	24° 9	10°25	0♐ 5	7°19	15°28	13°44	5°20	8°38	21° 6	20°27	17°43	n.a.	T 4
F 5	12 43 31	12°33'14	7♍57	25°56	11°39	0°14	7°29	15°23	13°45	5°19	8°37	20°59	20°24	17°50	n.a.	F 5
S 6	12 47 27	13°31'12	19°56	27°46	12°52	0°22	7°38	15°19	13°46	5°17	8°37	20°50	20°21	17°56	n.a.	S 6
S 7	12 51 24	14°29'09	1♎52	29°37	14° 6	0°29	7°48	15°14	13°47	5°16	8°36	20°37	20°18	18° 3	n.a.	S 7
M 8	12 55 20	15°27'03	13°45	1♈30	15°20	0°36	7°57	15°10	13°47	5°14	8°36	20°24	20°14	18°10	n.a.	M 8
T 9	12 59 17	16°24'57	25°38	3°25	16°34	0°42	8° 7	15° 5	13°48	5°12	8°35	20°10	20°11	18°17	n.a.	T 9
W10	13 3 13	17°22'48	7♏31	5°22	17°48	0°47	8°16	15° 1	13°49	5°11	8°35	19°56	20° 8	18°23	n.a.	W10
T 11	13 7 10	18°20'38	19°27	7°21	19° 2	0°52	8°25	14°56	13°49	5° 9	8°35	19°45	20° 5	18°30	n.a.	T 11
F 12	13 11 6	19°18'27	1♐27	9°21	20°16	0°56	8°34	14°52	13°49	5° 8	8°34	19°36	20° 2	18°37	n.a.	F 12
S 13	13 15 3	20°16'14	13°34	11°23	21°29	0°59	8°42	14°47	13°50	5° 6	8°34	19°29	19°59	18°44	n.a.	S 13
S 14	13 19 0	21°14'00	25°51	13°27	22°43	1° 2	8°51	14°43	13°50	5° 4	8°34	19°26	19°55	18°50	n.a.	S 14
M15	13 22 56	22°11'45	8♑22	15°32	23°57	1° 4	8°59	14°39	13°51	5° 3	8°34	19°24	19°52	18°57	n.a.	M15
T 16	13 26 53	23° 9'28	21°11	17°38	25°11	1° 5	9° 8	14°34	13°51	5° 1	8°33	19°24	19°49	19° 4	n.a.	T 16
W17	13 30 49	24° 7'10	4♒23	19°46	26°25	1°R 6	9°16	14°30	13°51	5° 0	8°33	19°24	19°46	19°10	n.a.	W17
T 18	13 34 46	25° 4'51	18° 1	21°55	27°38	1° 5	9°24	14°25	13°51	4°58	8°33	19°23	19°43	19°17	n.a.	T 18
F 19	13 38 42	26° 2'31	2♓ 7	24° 5	28°52	1° 4	9°32	14°21	13°51	4°57	8°33	19°19	19°40	19°24	n.a.	F 19
S 20	13 42 39	27° 0'10	16°41	26°16	0♉ 6	1° 2	9°40	14°17	13°51	4°55	8°33	19°13	19°36	19°31	n.a.	S 20
S 21	13 46 35	27°57'48	1♈38	28°27	1°20	1° 0	9°48	14°12	13°R51	4°54	8°33	19° 5	19°33	19°37	n.a.	S 21
M22	13 50 32	28°55'24	16°51	0♉38	2°33	0°56	9°55	14° 8	13°51	4°52	8°D33	18°55	19°30	19°44	n.a.	M22
T 23	13 54 29	29°52'59	2♉ 9	2°49	3°47	0°52	10° 3	14° 4	13°51	4°51	8°33	18°44	19°27	19°51	n.a.	T 23
W24	13 58 25	0♉50'33	17°22	5° 0	5° 1	0°47	10°10	14° 0	13°51	4°49	8°33	18°34	19°24	19°58	n.a.	W24
T 25	14 2 22	1°48'06	2♊18	7°11	6°15	0°42	10°17	13°55	13°51	4°48	8°33	18°26	19°20	20° 4	n.a.	T 25
F 26	14 6 18	2°45'37	16°51	9°20	7°28	0°35	10°24	13°51	13°51	4°47	8°33	18°20	19°17	20°11	n.a.	F 26
S 27	14 10 15	3°43'07	0♋55	11°28	8°42	0°28	10°31	13°47	13°50	4°45	8°33	18°17	19°14	20°18	n.a.	S 27
S 28	14 14 11	4°40'36	14°30	13°35	9°56	0°20	10°37	13°43	13°50	4°44	8°33	18°D16	19°11	20°24	n.a.	S 28
M29	14 18 8	5°38'03	27°37	15°41	11°10	0°12	10°44	13°39	13°50	4°43	8°33	18°17	19° 8	20°31	n.a.	M29
T 30	14 22 5	6♉35'28	10♌21	17♉44	12♉23	0♐ 2	10♒50	13♎35	13♑49	4♎41	8♌34	18°R17	19♑ 5	20♎38	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3n29	22n39	0n15	6s38	2s25	1n38	1s 9	19s53	0n25	19s32	0s47	3s39	2n49	23s27	0s28	0s23	1n58	30n46	12n59	22s 0	22s 6	11s38		n.a.
T 2	3 52	19 16	0s53	5 55	2 22	2 9	1 8	19 57	0 23	19 29	0 47	3 37	2 49	23 27	0 28	0 22	1 58	30 46	12 59	22 0	22 6	11 40		n.a.
W 3	4 15	15 4	1 56	5 10	2 18	2 40	1 6	20 1	0 21	19 27	0 47	3 35	2 49	23 27	0 28	0 21	1 58	30 46	12 58	22 1	22 7	11 43		n.a.
T 4	4 38	10 20	2 52	4 23	2 13	3 10	1 5	20 5	0 18	19 25	0 48	3 34	2 49	23 27	0 28	0 21	1 58	30 46	12 58	22 1	22 7	11 46		n.a.
F 5	5 1	5 17	3 40	3 36	2 8	3 41	1 3	20 9	0 16	19 22	0 48	3 32	2 49	23 26	0 28	0 20	1 58	30 46	12 58	22 2	22 8	11 48		n.a.
S 6	5 23	0 5	4 18	2 47	2 3	4 12	1 2	20 13	0 14	19 20	0 48	3 30	2 49	23 26	0 28	0 20	1 58	30 46	12 58	22 4	22 8	11 51		n.a.
S 7	5 46	5s 5	4 44	1 56	1 57	4 42	1 0	20 17	0 11	19 18	0 48	3 29	2 49	23 26	0 28	0 19	1 58	30 45	12 57	22 6	22 9	11 54		n.a.
M 8	6 9	10 2	4 57	1 5	1 51	5 13	0 58	20 21	0 9	19 15	0 49	3 27	2 49	23 26	0 28	0 18	1 58	30 45	12 57	22 8	22 9	11 56		n.a.
T 9	6 31	14 37	4 58	0 12	1 44	5 43	0 56	20 25	0 6	19 13	0 49	3 25	2 49	23 26	0 28	0 18	1 58	30 45	12 57	22 10	22 10	11 59		n.a.
W10	6 54	18 40	4 46	0n41	1 36	6 13	0 55	20 29	0 4	19 11	0 49	3 23	2 49	23 26	0 28	0 17	1 58	30 45	12 56	22 12	22 10	12 2		n.a.
T 11	7 16	21 57	4 21	1 36	1 28	6 43	0 53	20 32	0 1	19 9	0 49	3 22	2 49	23 26	0 28	0 16	1 58	30 45	12 56	22 14	22 11	12 4		n.a.
F 12	7 38	24 20	3 44	2 31	1 20	7 13	0 51	20 36	0s 2	19 7	0 50	3 20	2 49	23 26	0 28	0 16	1 58	30 44	12 56	22 15	22 11	12 7		n.a.
S 13	8 0	25 36	2 57	3 28	1 11	7 43	0 49	20 39	0 4	19 5	0 50	3 18	2 48	23 26	0 28	0 15	1 58	30 44	12 56	22 16	22 12	12 10		n.a.
S 14	8 22	25 39	2 1	4 25	1 2	8 12	0 47	20 42	0 7	19 3	0 50	3 17	2 48	23 26	0 28	0 14	1 58	30 44	12 55	22 16	22 12	12 12		n.a.
M15	8 44	24 24	0 58	5 22	0 52	8 42	0 45	20 46	0 10	19 1	0 50	3 15	2 48	23 26	0 28	0 14	1 58	30 44	12 55	22 17	22 13	12 15		n.a.
T 16	9 6	21 51	0n 9	6 21	0 42	9 11	0 43	20 49	0 13	18 59	0 50	3 13	2 48	23 26	0 28	0 13	1 58	30 44	12 55	22 17	22 13	12 17		n.a.
W17	9 27	18 6	1 18	7 19	0 32	9 40	0 41	20 52	0 16	18 57	0 51	3 12	2 48	23 26	0 28	0 13	1 58	30 43	12 54	22 17	22 13	12 20		n.a.
T 18	9 49	13 18	2 25	8 17	0 22	10 9	0 39	20 55	0 19	18 55	0 51	3 10	2 48	23 26	0 28	0 12	1 58	30 43	12 54	22 17	22 14	12 23		n.a.
F 19	10 10	7 39	3 25	9 16	0 12	10 37	0 37	20 57	0 22	18 53	0 51	3 8	2 48	23 26	0 28	0 12	1 57	30 43	12 54	22 17	22 14	12 25		n.a.
S 20	10 31	1 25	4 14	10 14	0 1	11 5	0 35	21 0	0 25	18 51	0 51	3 7	2 48	23 26	0 28	0 11	1 57	30 43	12 53	22 18	22 15	12 28		n.a.
S 21	10 52	5n 2	4 47	11 11	0n10	11 33	0 32	21 3	0 29	18 49	0 52	3 5	2 48	23 26	0 28	0 10	1 57	30 42	12 53	22 19	22 15	12 30		n.a.
M22	11 13	11 18	5 0	12 8	0 20	12 1	0 30	21 5	0 32	18 47	0 52	3 3	2 48	23 26	0 28	0 10	1 57	30 42	12 53	22 21	22 16	12 33		n.a.
T 23	11 33	16 55	4 53	13 4	0 30	12 29	0 28	21 8	0 35	18 45	0 52	3 2	2 48	23 26	0 28	0 9	1 57	30 42	12 52	22 22	22 16	12 36		n.a.
W24	11 53	21 25	4 24	13 58	0 41	12 56	0 26	21 10	0 39	18 44	0 52	3 0	2 48	23 26	0 28	0 9	1 57	30 41	12 52	22 24	22 17	12 38		n.a.
T 25	12 14	24 24	3 38	14 51	0 51	13 23	0 24	21 12	0 42	18 42	0 53	2 59	2 48	23 27	0 28	0 8	1 57	30 41	12 52	22 25	22 17	12 41		n.a.
F 26	12 34	25 40	2 38	15 43	1 0	13 49	0 21	21 14	0 45	18 40	0 53	2 57	2 48	23 27	0 29	0 8	1 57	30 41	12 51	22 26	22 18	12 43		n.a.
S 27	12 54	25 12	1 31	16 32	1 9	14 15	0 19	21 16	0 49	18 39	0 53	2 56	2 47	23 27	0 29	0 7	1 57	30 40	12 51	22 26	22 18	12 46		n.a.
S 28	13 13	23 14	0 20	17 20	1 18	14 41	0 17	21 18	0 53	18 37	0 54	2 54	2 47	23 27	0 29	0 7	1 57	30 40	12 51	22 26	22 19	12 48		n.a.
M29	13 33	20 3	0s49	18 5	1 26	15 7	0 14	21 20	0 56	18 36	0 54	2 53	2 47	23 27	0 29	0 6	1 57	30 40	12 50	22 26	22 19	12 51		n.a.
T 30	13n52	16n 0	1s54	18n48	1n34	15n32	0s12	21s21	1s 0	18s34	0s54	2s51	2n47	23s27	0s29	0s 6	1n57	30n39	12n50	22s26	22s19	12s54		n.a.

Julian Day Number = 1714208.5, Delta T = 02h59m12s
Ecliptic obliquity = 23°41'54, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°20'06, Lahiri = - 4°13'05 Julian Calendar 1 Apr. 20 BCE == Greg. Calendar 30 March 020 BCE

The year -19 astronomical counting style corresponds to year 020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 20 BCE
geocentric

MAY 20 BCE (-19) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 26 1	7♉32'52	22♌47	19♉46	13♉37	29°R52	10♒56	13°R31	13°R49	4°R40	8♌34	18°R16	19♏ 1	20♎45	n.a.	W 1
T 2	14 29 58	8°30'15	4♍58	21°45	14°51	29♏41	11° 2	13♎27	13♏48	4♎39	8°34	18♏13	18°58	20°51	n.a.	T 2
F 3	14 33 54	9°27'37	16°59	23°43	16° 4	29°30	11° 8	13°24	13°48	4°37	8°35	18° 7	18°55	20°58	n.a.	F 3
S 4	14 37 51	10°24'57	28°54	25°38	17°18	29°18	11°14	13°20	13°47	4°36	8°35	17°59	18°52	21° 5	n.a.	S 4
S 5	14 41 47	11°22'16	10♎46	27°30	18°32	29° 5	11°19	13°16	13°46	4°35	8°35	17°49	18°49	21°11	n.a.	S 5
M 6	14 45 44	12°19'35	22°38	29°20	19°45	28°52	11°25	13°12	13°46	4°34	8°36	17°37	18°45	21°18	n.a.	M 6
T 7	14 49 40	13°16'52	4♏32	1♊ 7	20°59	28°38	11°30	13° 9	13°45	4°32	8°36	17°25	18°42	21°25	n.a.	T 7
W 8	14 53 37	14°14'08	16°30	2°52	22°12	28°24	11°35	13° 5	13°44	4°31	8°37	17°14	18°39	21°32	n.a.	W 8
T 9	14 57 33	15°11'24	28°32	4°34	23°26	28° 9	11°40	13° 2	13°43	4°30	8°37	17° 4	18°36	21°38	n.a.	T 9
F 10	15 1 30	16° 8'39	10♐40	6°13	24°40	27°54	11°45	12°59	13°42	4°29	8°38	16°57	18°33	21°45	n.a.	F 10
S 11	15 5 27	17° 5'53	22°56	7°50	25°53	27°38	11°49	12°55	13°41	4°28	8°38	16°51	18°30	21°52	n.a.	S 11
S 12	15 9 23	18° 3'07	5♑22	9°24	27° 7	27°21	11°54	12°52	13°40	4°27	8°39	16°49	18°26	21°59	n.a.	S 12
M13	15 13 20	19° 0'20	18° 0	10°55	28°20	27° 4	11°58	12°49	13°39	4°26	8°39	16°D48	18°23	22° 5	n.a.	M13
T 14	15 17 16	19°57'32	0♒54	12°24	29°34	26°47	12° 2	12°46	13°38	4°25	8°40	16°49	18°20	22°12	n.a.	T 14
W15	15 21 13	20°54'45	14° 7	13°50	0♊48	26°30	12° 6	12°43	13°37	4°24	8°41	16°50	18°17	22°19	n.a.	W15
T 16	15 25 9	21°51'57	27°41	15°12	2° 1	26°12	12° 9	12°40	13°36	4°23	8°41	16°R50	18°14	22°25	n.a.	T 16
F 17	15 29 6	22°49'08	11♓39	16°33	3°15	25°54	12°13	12°37	13°35	4°22	8°42	16°48	18°11	22°32	n.a.	F 17
S 18	15 33 3	23°46'20	26° 0	17°50	4°28	25°35	12°16	12°34	13°34	4°21	8°43	16°45	18° 7	22°39	n.a.	S 18
S 19	15 36 59	24°43'31	10♈41	19° 4	5°42	25°17	12°19	12°31	13°32	4°20	8°44	16°39	18° 4	22°46	n.a.	S 19
M20	15 40 56	25°40'41	25°39	20°15	6°55	24°58	12°22	12°28	13°31	4°19	8°44	16°32	18° 1	22°52	n.a.	M20
T 21	15 44 52	26°37'52	10♉43	21°23	8° 9	24°39	12°25	12°26	13°30	4°18	8°45	16°25	17°58	22°59	n.a.	T 21
W22	15 48 49	27°35'03	25°46	22°28	9°23	24°20	12°28	12°23	13°28	4°17	8°46	16°18	17°55	23° 6	n.a.	W22
T 23	15 52 45	28°32'13	10♊37	23°30	10°36	24° 2	12°30	12°21	13°27	4°16	8°47	16°12	17°51	23°13	n.a.	T 23
F 24	15 56 42	29°29'22	25° 8	24°29	11°50	23°43	12°32	12°18	13°25	4°16	8°48	16° 8	17°48	23°19	n.a.	F 24
S 25	16 0 38	0♊26'32	9♋14	25°24	13° 3	23°24	12°34	12°16	13°24	4°15	8°49	16° 7	17°45	23°26	n.a.	S 25
S 26	16 4 35	1°23'40	22°54	26°16	14°17	23° 6	12°36	12°14	13°22	4°14	8°50	16°D 7	17°42	23°33	n.a.	S 26
M27	16 8 32	2°20'48	6♌ 6	27° 4	15°30	22°48	12°38	12°12	13°21	4°14	8°51	16° 8	17°39	23°39	n.a.	M27
T 28	16 12 28	3°17'56	18°55	27°48	16°44	22°30	12°39	12°10	13°19	4°13	8°52	16° 9	17°36	23°46	n.a.	T 28
W29	16 16 25	4°15'03	1♍23	28°29	17°57	22°12	12°40	12° 8	13°17	4°12	8°53	16°R10	17°32	23°53	n.a.	W29
T 30	16 20 21	5°12'10	13°35	29° 6	19°11	21°55	12°41	12° 6	13°16	4°12	8°54	16° 9	17°29	24° 0	n.a.	T 30
F 31	16 24 18	6♊ 9'16	25♍37	29♊38	20♊24	21♏38	12♒42	12♎ 4	13♏14	4♎11	8♌55	16♏ 7	17♏26	24♎ 6	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	14n11	11n22	2s52	19n29	1n41	15n57	0s10	21s23	1s 4	18s33	0s54	2s50	2n47	23s27	0s29	0s 5	1n57	30n39	12n50	22s26	22s20	12s56			n.a.
T 2	14 29	6 22	3 41	20 8	1 47	16 21	0 7	21 24	1 7	18 31	0 55	2 49	2 47	23 27	0 29	0 5	1 57	30 38	12 50	22 27	22 20	12 59			n.a.
F 3	14 48	1 13	4 19	20 44	1 53	16 45	0 5	21 25	1 11	18 30	0 55	2 47	2 47	23 27	0 29	0 4	1 57	30 38	12 49	22 27	22 21	13 1			n.a.
S 4	15 6	3s55	4 46	21 17	1 58	17 8	0 2	21 26	1 15	18 29	0 55	2 46	2 46	23 27	0 29	0 4	1 57	30 38	12 49	22 29	22 21	13 4			n.a.
S 5	15 24	8 54	5 0	21 48	2 3	17 32	0 0	21 27	1 19	18 27	0 55	2 45	2 46	23 27	0 29	0 3	1 57	30 37	12 49	22 30	22 22	13 6			n.a.
M 6	15 42	13 33	5 1	22 17	2 6	17 54	0n 2	21 28	1 23	18 26	0 56	2 43	2 46	23 27	0 29	0 3	1 57	30 37	12 48	22 31	22 22	13 9			n.a.
T 7	16 0	17 42	4 49	22 42	2 9	18 16	0 5	21 29	1 27	18 25	0 56	2 42	2 46	23 27	0 29	0 2	1 57	30 36	12 48	22 33	22 23	13 11			n.a.
W 8	16 17	21 10	4 24	23 6	2 11	18 38	0 7	21 29	1 31	18 24	0 56	2 41	2 46	23 28	0 29	0 2	1 57	30 36	12 48	22 34	22 23	13 14			n.a.
T 9	16 34	23 45	3 48	23 27	2 12	18 59	0 10	21 30	1 34	18 23	0 57	2 40	2 46	23 28	0 29	0 1	1 57	30 36	12 47	22 36	22 23	13 17			n.a.
F 10	16 51	25 16	3 0	23 46	2 13	19 20	0 12	21 30	1 38	18 22	0 57	2 38	2 45	23 28	0 29	0 1	1 57	30 35	12 47	22 37	22 24	13 19			n.a.
S 11	17 7	25 34	2 4	24 2	2 13	19 40	0 14	21 30	1 42	18 21	0 57	2 37	2 45	23 28	0 29	0 1	1 57	30 35	12 47	22 37	22 24	13 22			n.a.
S 12	17 24	24 36	1 1	24 16	2 12	20 0	0 17	21 30	1 46	18 20	0 57	2 36	2 45	23 28	0 29	0 0	1 57	30 34	12 46	22 38	22 25	13 24			n.a.
M13	17 40	22 22	0n 6	24 28	2 10	20 19	0 19	21 30	1 50	18 19	0 58	2 35	2 45	23 28	0 29	0n 0	1 57	30 34	12 46	22 38	22 25	13 27			n.a.
T 14	17 55	18 57	1 15	24 38	2 8	20 38	0 22	21 30	1 54	18 18	0 58	2 34	2 45	23 28	0 29	0 1	1 57	30 33	12 46	22 38	22 26	13 29			n.a.
W15	18 11	14 31	2 21	24 46	2 5	20 56	0 24	21 29	1 58	18 17	0 58	2 33	2 45	23 29	0 29	0 1	1 57	30 33	12 45	22 38	22 26	13 32			n.a.
T 16	18 26	9 16	3 21	24 52	2 1	21 13	0 26	21 29	2 2	18 16	0 59	2 32	2 44	23 29	0 29	0 1	1 57	30 32	12 45	22 38	22 27	13 34			n.a.
F 17	18 41	3 24	4 11	24 57	1 57	21 30	0 29	21 28	2 6	18 16	0 59	2 31	2 44	23 29	0 29	0 2	1 57	30 32	12 45	22 38	22 27	13 37			n.a.
S 18	18 55	2n46	4 47	24 59	1 51	21 46	0 31	21 28	2 10	18 15	0 59	2 30	2 44	23 29	0 29	0 2	1 56	30 31	12 45	22 38	22 27	13 39			n.a.
S 19	19 9	8 56	5 5	25 0	1 45	22 2	0 33	21 27	2 13	18 14	0 59	2 29	2 44	23 29	0 29	0 2	1 56	30 31	12 44	22 39	22 28	13 42			n.a.
M20	19 23	14 42	5 3	24 59	1 39	22 17	0 35	21 26	2 17	18 14	1 0	2 28	2 44	23 29	0 29	0 3	1 56	30 30	12 44	22 40	22 28	13 44			n.a.
T 21	19 37	19 37	4 40	24 56	1 31	22 31	0 38	21 25	2 21	18 13	1 0	2 28	2 43	23 29	0 29	0 3	1 56	30 30	12 44	22 41	22 29	13 47			n.a.
W22	19 50	23 15	3 57	24 52	1 23	22 45	0 40	21 24	2 25	18 13	1 0	2 27	2 43	23 30	0 29	0 3	1 56	30 29	12 43	22 41	22 29	13 49			n.a.
T 23	20 3	25 14	2 59	24 47	1 15	22 58	0 42	21 22	2 28	18 12	1 1	2 26	2 43	23 30	0 29	0 4	1 56	30 29	12 43	22 42	22 30	13 52			n.a.
F 24	20 16	25 27	1 51	24 40	1 5	23 11	0 44	21 21	2 32	18 12	1 1	2 25	2 43	23 30	0 29	0 4	1 56	30 28	12 43	22 43	22 30	13 54			n.a.
S 25	20 28	23 59	0 37	24 33	0 56	23 23	0 47	21 20	2 35	18 12	1 1	2 25	2 42	23 30	0 29	0 4	1 56	30 28	12 42	22 43	22 30	13 56			n.a.
S 26	20 40	21 8	0s37	24 24	0 45	23 34	0 49	21 18	2 39	18 11	1 2	2 24	2 42	23 30	0 29	0 4	1 56	30 27	12 42	22 43	22 31	13 59			n.a.
M27	20 51	17 14	1 46	24 14	0 34	23 44	0 51	21 17	2 42	18 11	1 2	2 23	2 42	23 31	0 29	0 4	1 56	30 26	12 42	22 43	22 31	14 1			n.a.
T 28	21 3	12 39	2 48	24 3	0 22	23 54	0 53	21 15	2 45	18 11	1 2	2 23	2 42	23 31	0 29	0 5	1 56	30 26	12 42	22 43	22 32	14 4			n.a.
W29	21 13	7 40	3 40	23 51	0 10	24 3	0 55	21 14	2 48	18 11	1 2	2 22	2 41	23 31	0 29	0 5	1 56	30 25	12 41	22 42	22 32	14 6			n.a.
T 30	21 24	2 30	4 22	23 39	0s 3	24 12	0 57	21 12	2 52	18 11	1 3	2 22	2 41	23 31	0 29	0 5	1 56	30 25	12 41	22 43	22 32	14 9			n.a.
F 31	21n34	2s40	4s50	23n25	0s17	24n20	0n59	21s10	2s55	18s11	1s 3	2s21	2n41	23s31	0s29	0n 5	1n56	30n24	12n41	22s43	22s33	14s11			n.a.

Julian Day Number = 1714238.5, Delta T = 02h59m11s
Ecliptic obliquity = 23°41'54, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°20'01, Lahiri = - 4°13'01 Julian Calendar 1 May 20 BCE == Greg. Calendar 29 Apr. 020 BCE

The year -19 astronomical counting style corresponds to year 020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 20 BCE
geocentric

JUNE 20 BCE (-19) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 28 14	7♊ 6'22	7♎31	0♋ 7	21♊38	21°R21	12♒43	12°R 3	13°R12	4°R11	8♌56	16°R 4	17♑23	24♎13	n.a.	S 1
S 2	16 32 11	8° 3'28	19°24	0°31	22°51	21♏ 5	12°43	12♎ 1	13♑10	4♎10	8°57	15♑59	17°20	24°20	n.a.	S 2
M 3	16 36 7	9° 0'34	1♏17	0°51	24° 5	20°49	12°44	12° 0	13° 8	4°10	8°59	15°53	17°17	24°26	n.a.	M 3
T 4	16 40 4	9°57'39	13°14	1° 6	25°18	20°34	12°R44	11°58	13° 7	4° 9	9° 0	15°46	17°13	24°33	n.a.	T 4
W 5	16 44 1	10°54'45	25°17	1°17	26°32	20°20	12°44	11°57	13° 5	4° 9	9° 1	15°40	17°10	24°40	n.a.	W 5
T 6	16 47 57	11°51'50	7♐29	1°23	27°45	20° 6	12°43	11°56	13° 3	4° 8	9° 2	15°35	17° 7	24°47	n.a.	T 6
F 7	16 51 54	12°48'56	19°49	1°R24	28°59	19°53	12°43	11°55	13° 1	4° 8	9° 4	15°31	17° 4	24°53	n.a.	F 7
S 8	16 55 50	13°46'02	2♑20	1°21	0♋12	19°40	12°42	11°54	12°59	4° 8	9° 5	15°29	17° 1	25° 0	n.a.	S 8
S 9	16 59 47	14°43'08	15° 2	1°13	1°25	19°28	12°41	11°53	12°57	4° 7	9° 6	15°D28	16°57	25° 7	n.a.	S 9
M10	17 3 43	15°40'14	27°56	1° 0	2°39	19°17	12°40	11°52	12°55	4° 7	9° 8	15°29	16°54	25°14	n.a.	M10
T 11	17 7 40	16°37'21	11♒ 5	0°43	3°52	19° 6	12°39	11°51	12°53	4° 7	9° 9	15°30	16°51	25°20	n.a.	T 11
W12	17 11 37	17°34'29	24°28	0°22	5° 6	18°56	12°37	11°51	12°51	4° 7	9°10	15°31	16°48	25°27	n.a.	W12
T 13	17 15 33	18°31'37	8♓ 6	29♊57	6°19	18°47	12°36	11°50	12°49	4° 6	9°12	15°33	16°45	25°34	n.a.	T 13
F 14	17 19 30	19°28'45	22° 2	29°28	7°33	18°39	12°34	11°50	12°47	4° 6	9°13	15°R33	16°42	25°40	n.a.	F 14
S 15	17 23 26	20°25'55	6♈13	28°56	8°46	18°31	12°32	11°49	12°44	4° 6	9°15	15°32	16°38	25°47	n.a.	S 15
S 16	17 27 23	21°23'05	20°39	28°21	9°59	18°25	12°30	11°49	12°42	4° 6	9°16	15°30	16°35	25°54	n.a.	S 16
M17	17 31 19	22°20'15	5♉15	27°43	11°13	18°19	12°27	11°49	12°40	4° 6	9°18	15°28	16°32	26° 1	n.a.	M17
T 18	17 35 16	23°17'27	19°56	27° 4	12°26	18°14	12°25	11°D49	12°38	4°D 6	9°19	15°25	16°29	26° 7	n.a.	T 18
W19	17 39 12	24°14'39	4♊35	26°24	13°39	18° 9	12°22	11°49	12°36	4° 6	9°21	15°22	16°26	26°14	n.a.	W19
T 20	17 43 9	25°11'52	19° 7	25°43	14°53	18° 6	12°19	11°49	12°33	4° 6	9°22	15°20	16°23	26°21	n.a.	T 20
F 21	17 47 6	26° 9'06	3♋24	25° 3	16° 6	18° 3	12°16	11°49	12°31	4° 6	9°24	15°19	16°19	26°28	n.a.	F 21
S 22	17 51 2	27° 6'20	17°22	24°24	17°20	18° 2	12°12	11°50	12°29	4° 6	9°25	15°D18	16°16	26°34	n.a.	S 22
S 23	17 54 59	28° 3'35	0♌57	23°46	18°33	18° 1	12° 9	11°50	12°27	4° 6	9°27	15°19	16°13	26°41	n.a.	S 23
M24	17 58 55	29° 0'50	14°10	23°11	19°46	18°D 1	12° 5	11°51	12°24	4° 7	9°29	15°20	16°10	26°48	n.a.	M24
T 25	18 2 52	29°58'06	27° 0	22°39	21° 0	18° 1	12° 1	11°51	12°22	4° 7	9°30	15°21	16° 7	26°54	n.a.	T 25
W26	18 6 48	0♋55'22	9♍31	22°10	22°13	18° 3	11°57	11°52	12°20	4° 7	9°32	15°22	16° 3	27° 1	n.a.	W26
T 27	18 10 45	1°52'39	21°46	21°46	23°26	18° 6	11°53	11°53	12°17	4° 7	9°34	15°23	16° 0	27° 8	n.a.	T 27
F 28	18 14 41	2°49'56	3♎49	21°26	24°40	18° 9	11°49	11°54	12°15	4° 8	9°35	15°R23	15°57	27°15	n.a.	F 28
S 29	18 18 38	3°47'14	15°44	21°12	25°53	18°13	11°44	11°55	12°13	4° 8	9°37	15°23	15°54	27°21	n.a.	S 29
S 30	18 22 35	4♋44'32	27♎38	21♊ 3	27♋ 6	18♏18	11♒39	11♎56	12♑10	4♎ 8	9♌39	15♑22	15♑51	27♎28	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n44	7s42	5s 6	23n11	0s30	24n26	1n 1	21s 9	2s58	18s11	1s 3	2s21	2n41	23s31	0s30	0n 5	1n56	30n24	12n40	22s43	22s33	14s14		n.a.
S 2	21 53	12 26	5 9	22 57	0 45	24 33	1 3	21 7	3 0	18 11	1 4	2 21	2 40	23 32	0 30	0 6	1 56	30 23	12 40	22 44	22 34	14 16		n.a.
M 3	22 2	16 42	4 59	22 42	0 59	24 38	1 5	21 6	3 3	18 12	1 4	2 20	2 40	23 32	0 30	0 6	1 56	30 22	12 40	22 45	22 34	14 18		n.a.
T 4	22 11	20 21	4 35	22 27	1 14	24 43	1 6	21 4	3 6	18 12	1 4	2 20	2 40	23 32	0 30	0 6	1 56	30 22	12 40	22 45	22 35	14 21		n.a.
W 5	22 19	23 10	3 59	22 12	1 30	24 47	1 8	21 3	3 9	18 12	1 5	2 20	2 40	23 32	0 30	0 6	1 56	30 21	12 39	22 46	22 35	14 23		n.a.
T 6	22 27	24 57	3 12	21 56	1 45	24 51	1 10	21 1	3 11	18 13	1 5	2 19	2 39	23 33	0 30	0 6	1 55	30 21	12 39	22 47	22 35	14 26		n.a.
F 7	22 35	25 33	2 15	21 41	2 1	24 53	1 11	21 0	3 14	18 13	1 5	2 19	2 39	23 33	0 30	0 6	1 55	30 20	12 39	22 47	22 36	14 28		n.a.
S 8	22 42	24 52	1 11	21 25	2 16	24 55	1 13	20 59	3 16	18 14	1 5	2 19	2 39	23 33	0 30	0 6	1 55	30 19	12 39	22 47	22 36	14 31		n.a.
S 9	22 49	22 53	0 2	21 10	2 31	24 56	1 15	20 58	3 18	18 14	1 6	2 19	2 39	23 33	0 30	0 6	1 55	30 19	12 38	22 47	22 37	14 33		n.a.
M10	22 55	19 41	1n 8	20 55	2 47	24 56	1 16	20 56	3 20	18 15	1 6	2 19	2 38	23 33	0 30	0 6	1 55	30 18	12 38	22 47	22 37	14 35		n.a.
T 11	23 1	15 28	2 16	20 40	3 1	24 56	1 18	20 55	3 22	18 15	1 6	2 19	2 38	23 34	0 30	0 6	1 55	30 18	12 38	22 47	22 37	14 38		n.a.
W12	23 7	10 24	3 18	20 26	3 16	24 55	1 19	20 55	3 24	18 16	1 7	2 19	2 38	23 34	0 30	0 6	1 55	30 17	12 38	22 47	22 38	14 40		n.a.
T 13	23 12	4 46	4 9	20 12	3 30	24 53	1 20	20 54	3 26	18 17	1 7	2 19	2 38	23 34	0 30	0 6	1 55	30 16	12 38	22 47	22 38	14 43		n.a.
F 14	23 17	1n12	4 48	19 59	3 42	24 50	1 22	20 53	3 28	18 18	1 7	2 19	2 37	23 34	0 30	0 7	1 55	30 16	12 37	22 47	22 39	14 45		n.a.
S 15	23 21	7 14	5 10	19 47	3 54	24 47	1 23	20 53	3 30	18 18	1 8	2 19	2 37	23 34	0 30	0 6	1 55	30 15	12 37	22 47	22 39	14 47		n.a.
S 16	23 25	12 58	5 13	19 36	4 5	24 43	1 24	20 52	3 31	18 19	1 8	2 19	2 37	23 35	0 30	0 6	1 55	30 14	12 37	22 47	22 39	14 50		n.a.
M17	23 28	18 2	4 55	19 26	4 15	24 38	1 25	20 52	3 33	18 20	1 8	2 19	2 37	23 35	0 30	0 6	1 55	30 14	12 37	22 47	22 40	14 52		n.a.
T 18	23 32	22 4	4 19	19 16	4 24	24 33	1 26	20 52	3 34	18 21	1 8	2 20	2 36	23 35	0 30	0 6	1 55	30 13	12 36	22 48	22 40	14 54		n.a.
W19	23 34	24 39	3 26	19 8	4 31	24 26	1 27	20 52	3 35	18 22	1 9	2 20	2 36	23 35	0 30	0 6	1 55	30 13	12 36	22 48	22 41	14 57		n.a.
T 20	23 37	25 34	2 19	19 2	4 36	24 19	1 28	20 52	3 37	18 24	1 9	2 20	2 36	23 36	0 30	0 6	1 55	30 12	12 36	22 48	22 41	14 59		n.a.
F 21	23 38	24 44	1 5	18 57	4 40	24 11	1 29	20 52	3 38	18 25	1 9	2 21	2 35	23 36	0 30	0 6	1 55	30 11	12 36	22 49	22 41	15 1		n.a.
S 22	23 40	22 22	0s11	18 53	4 42	24 3	1 30	20 53	3 39	18 26	1 10	2 21	2 35	23 36	0 30	0 6	1 55	30 11	12 36	22 49	22 42	15 4		n.a.
S 23	23 41	18 47	1 25	18 51	4 42	23 54	1 31	20 54	3 40	18 27	1 10	2 21	2 35	23 36	0 30	0 6	1 54	30 10	12 36	22 48	22 42	15 6		n.a.
M24	23 42	14 19	2 33	18 50	4 41	23 44	1 31	20 54	3 41	18 29	1 10	2 22	2 35	23 37	0 30	0 6	1 54	30 9	12 35	22 48	22 42	15 8		n.a.
T 25	23 42	9 21	3 30	18 52	4 38	23 33	1 32	20 56	3 42	18 30	1 11	2 22	2 34	23 37	0 30	0 6	1 54	30 9	12 35	22 48	22 43	15 11		n.a.
W26	23 42	4 8	4 16	18 54	4 34	23 22	1 33	20 57	3 42	18 31	1 11	2 23	2 34	23 37	0 30	0 6	1 54	30 8	12 35	22 48	22 43	15 13		n.a.
T 27	23 41	1s 8	4 50	18 59	4 28	23 10	1 33	20 58	3 43	18 33	1 11	2 23	2 34	23 37	0 30	0 5	1 54	30 7	12 35	22 48	22 44	15 15		n.a.
F 28	23 40	6 15	5 10	19 5	4 20	22 57	1 34	21 0	3 44	18 34	1 11	2 24	2 34	23 37	0 30	0 5	1 54	30 7	12 35	22 48	22 44	15 18		n.a.
S 29	23 39	11 6	5 16	19 13	4 12	22 44	1 34	21 1	3 44	18 36	1 12	2 25	2 33	23 38	0 30	0 5	1 54	30 6	12 35	22 48	22 44	15 20		n.a.
S 30	23n37	15s32	5s 9	19n22	4s 2	22n30	1n34	21s 3	3s45	18s38	1s12	2s25	2n33	23s38	0s30	0n 5	1n54	30n 5	12n34	22s48	22s45	15s22		n.a.

Julian Day Number = 1714269.5, Delta T = 02h59m10s
Ecliptic obliquity = 23°41'53, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°19'57, Lahiri = - 4°12'57 Julian Calendar 1 June 20 BCE == Greg. Calendar 30 May 020 BCE

The year -19 astronomical counting style corresponds to year 020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 20 BCE
geocentric

JULY 20 BCE (-19) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 26 31	5♋41'52	9♏32	21°D 0	28♋19	18♏24	11°R34	11♎57	12°R 8	4♎ 9	9♌41	15°R21	15♑48	27♎35	n.a.	M 1
T 2	18 30 28	6°39'12	21°33	21♊ 3	29°33	18°30	11♒29	11°58	12♑ 5	4° 9	9°42	15♑20	15°44	27°41	n.a.	T 2
W 3	18 34 24	7°36'32	3♐42	21°12	0♌46	18°38	11°24	12° 0	12° 3	4°10	9°44	15°19	15°41	27°48	n.a.	W 3
T 4	18 38 21	8°33'54	16° 2	21°28	1°59	18°46	11°19	12° 1	12° 1	4°10	9°46	15°18	15°38	27°55	n.a.	T 4
F 5	18 42 17	9°31'17	28°36	21°50	3°12	18°55	11°13	12° 3	11°58	4°11	9°48	15°17	15°35	28° 2	n.a.	F 5
S 6	18 46 14	10°28'40	11♑24	22°18	4°25	19° 5	11° 8	12° 5	11°56	4°11	9°50	15°D17	15°32	28° 8	n.a.	S 6
S 7	18 50 11	11°26'05	24°27	22°53	5°39	19°15	11° 2	12° 6	11°53	4°12	9°52	15°17	15°29	28°15	n.a.	S 7
M 8	18 54 7	12°23'31	7♒44	23°34	6°52	19°26	10°56	12° 8	11°51	4°12	9°53	15°17	15°25	28°22	n.a.	M 8
T 9	18 58 4	13°20'58	21°15	24°22	8° 5	19°38	10°50	12°10	11°49	4°13	9°55	15°18	15°22	28°29	n.a.	T 9
W10	19 2 0	14°18'26	4♓59	25°15	9°18	19°51	10°44	12°12	11°46	4°14	9°57	15°18	15°19	28°35	n.a.	W10
T 11	19 5 57	15°15'56	18°53	26°15	10°31	20° 4	10°37	12°14	11°44	4°14	9°59	15°R18	15°16	28°42	n.a.	T 11
F 12	19 9 53	16°13'27	2♈56	27°21	11°44	20°18	10°31	12°17	11°41	4°15	10° 1	15°18	15°13	28°49	n.a.	F 12
S 13	19 13 50	17°11'00	17° 6	28°33	12°57	20°33	10°24	12°19	11°39	4°16	10° 3	15°D18	15° 9	28°55	n.a.	S 13
S 14	19 17 46	18° 8'34	1♉21	29°50	14°10	20°48	10°18	12°21	11°37	4°17	10° 5	15°18	15° 6	29° 2	n.a.	S 14
M15	19 21 43	19° 6'10	15°39	1♋12	15°23	21° 4	10°11	12°24	11°34	4°18	10° 7	15°18	15° 3	29° 9	n.a.	M15
T 16	19 25 40	20° 3'48	29°55	2°40	16°36	21°21	10° 4	12°27	11°32	4°18	10° 9	15°18	15° 0	29°16	n.a.	T 16
W17	19 29 36	21° 1'28	14♊ 8	4°12	17°49	21°38	9°57	12°29	11°30	4°19	10°11	15°19	14°57	29°22	n.a.	W17
T 18	19 33 33	21°59'09	28°12	5°49	19° 2	21°56	9°50	12°32	11°27	4°20	10°13	15°19	14°54	29°29	n.a.	T 18
F 19	19 37 29	22°56'51	12♋ 6	7°30	20°15	22°14	9°42	12°35	11°25	4°21	10°15	15°R20	14°50	29°36	n.a.	F 19
S 20	19 41 26	23°54'35	25°44	9°14	21°28	22°33	9°35	12°38	11°23	4°22	10°17	15°19	14°47	29°42	n.a.	S 20
S 21	19 45 22	24°52'21	9♌ 7	11° 2	22°41	22°53	9°28	12°41	11°20	4°23	10°19	15°19	14°44	29°49	n.a.	S 21
M22	19 49 19	25°50'08	22°11	12°52	23°54	23°13	9°20	12°44	11°18	4°24	10°21	15°18	14°41	29°56	n.a.	M22
T 23	19 53 15	26°47'56	4♍57	14°45	25° 7	23°34	9°13	12°47	11°16	4°25	10°23	15°16	14°38	0♏ 3	n.a.	T 23
W24	19 57 12	27°45'46	17°27	16°40	26°20	23°56	9° 5	12°51	11°13	4°27	10°25	15°15	14°35	0° 9	n.a.	W24
T 25	20 1 9	28°43'37	29°42	18°36	27°33	24°18	8°58	12°54	11°11	4°28	10°27	15°13	14°31	0°16	n.a.	T 25
F 26	20 5 5	29°41'29	11♎45	20°34	28°46	24°40	8°50	12°57	11° 9	4°29	10°29	15°12	14°28	0°23	n.a.	F 26
S 27	20 9 2	0♌39'22	23°41	22°33	29°59	25° 3	8°42	13° 1	11° 7	4°30	10°31	15°11	14°25	0°29	n.a.	S 27
S 28	20 12 58	1°37'18	5♏34	24°32	1♍12	25°27	8°34	13° 5	11° 4	4°31	10°33	15°D11	14°22	0°36	n.a.	S 28
M29	20 16 55	2°35'14	17°29	26°31	2°24	25°51	8°27	13° 8	11° 2	4°32	10°35	15°11	14°19	0°43	n.a.	M29
T 30	20 20 51	3°33'12	29°30	28°30	3°37	26°15	8°19	13°12	11° 0	4°34	10°37	15°13	14°15	0°50	n.a.	T 30
W31	20 24 48	4♌31'11	11♐41	0♌29	4♍50	26♏40	8♒11	13♎16	10♑58	4♎35	10♌39	15♑14	14♑12	0♏56	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n34	19s22	4s49	19n33	3s51	22n16	1n34	21s 5	3s45	18s39	1s12	2s26	2n33	23s38	0s30	0n 5	1n54	30n 5	12n34	22s48	22s45	15s25			n.a.
T 2	23 32	22 27	4 15	19 45	3 39	22 0	1 35	21 8	3 46	18 41	1 12	2 27	2 33	23 38	0 30	0 4	1 54	30 4	12 34	22 48	22 45	15 27			n.a.
W 3	23 29	24 34	3 30	19 58	3 26	21 45	1 35	21 10	3 46	18 43	1 13	2 28	2 32	23 39	0 30	0 4	1 54	30 3	12 34	22 48	22 46	15 29			n.a.
T 4	23 25	25 32	2 35	20 13	3 13	21 28	1 35	21 13	3 46	18 44	1 13	2 28	2 32	23 39	0 30	0 4	1 54	30 3	12 34	22 49	22 46	15 32			n.a.
F 5	23 21	25 13	1 31	20 28	2 59	21 11	1 35	21 15	3 46	18 46	1 13	2 29	2 32	23 39	0 30	0 4	1 54	30 2	12 34	22 49	22 47	15 34			n.a.
S 6	23 17	23 34	0 22	20 45	2 44	20 53	1 34	21 18	3 47	18 48	1 14	2 30	2 31	23 39	0 30	0 3	1 54	30 2	12 34	22 49	22 47	15 36			n.a.
S 7	23 12	20 38	0n51	21 1	2 29	20 35	1 34	21 21	3 47	18 50	1 14	2 31	2 31	23 40	0 30	0 3	1 54	30 1	12 33	22 49	22 47	15 38			n.a.
M 8	23 7	16 35	2 1	21 19	2 14	20 16	1 34	21 24	3 47	18 52	1 14	2 32	2 31	23 40	0 30	0 3	1 54	30 0	12 33	22 49	22 48	15 41			n.a.
T 9	23 1	11 38	3 6	21 36	1 58	19 57	1 33	21 28	3 47	18 54	1 14	2 33	2 31	23 40	0 30	0 2	1 54	30 0	12 33	22 49	22 48	15 43			n.a.
W10	22 55	6 2	4 2	21 54	1 43	19 37	1 33	21 31	3 47	18 56	1 14	2 34	2 30	23 40	0 30	0 2	1 53	29 59	12 33	22 49	22 48	15 45			n.a.
T 11	22 49	0 6	4 44	22 11	1 28	19 16	1 33	21 35	3 47	18 58	1 15	2 35	2 30	23 40	0 30	0 2	1 53	29 58	12 33	22 49	22 49	15 48			n.a.
F 12	22 42	5n54	5 10	22 28	1 12	18 55	1 32	21 39	3 46	19 0	1 15	2 36	2 30	23 41	0 30	0 1	1 53	29 58	12 33	22 49	22 49	15 50			n.a.
S 13	22 35	11 39	5 17	22 44	0 57	18 34	1 31	21 42	3 46	19 2	1 15	2 38	2 30	23 41	0 30	0 1	1 53	29 57	12 33	22 49	22 50	15 52			n.a.
S 14	22 27	16 49	5 5	22 59	0 42	18 12	1 31	21 46	3 46	19 4	1 15	2 39	2 29	23 41	0 30	0 1	1 53	29 56	12 33	22 49	22 50	15 54			n.a.
M15	22 19	21 3	4 34	23 13	0 28	17 49	1 30	21 51	3 46	19 6	1 16	2 40	2 29	23 41	0 30	0 0	1 53	29 56	12 33	22 49	22 50	15 57			n.a.
T 16	22 11	24 2	3 46	23 26	0 14	17 26	1 29	21 55	3 46	19 8	1 16	2 41	2 29	23 41	0 30	0s 0	1 53	29 55	12 33	22 49	22 51	15 59			n.a.
W17	22 2	25 28	2 44	23 37	0 1	17 3	1 28	21 59	3 45	19 10	1 16	2 43	2 29	23 42	0 30	0 1	1 53	29 55	12 33	22 48	22 51	16 1			n.a.
T 18	21 53	25 15	1 33	23 46	0n12	16 39	1 27	22 4	3 45	19 12	1 16	2 44	2 28	23 42	0 30	0 1	1 53	29 54	12 33	22 48	22 51	16 3			n.a.
F 19	21 43	23 26	0 18	23 53	0 24	16 15	1 26	22 8	3 44	19 14	1 16	2 45	2 28	23 42	0 30	0 1	1 53	29 53	12 33	22 48	22 52	16 6			n.a.
S 20	21 33	20 17	0s57	23 57	0 35	15 50	1 24	22 13	3 44	19 16	1 17	2 47	2 28	23 42	0 30	0 2	1 53	29 53	12 32	22 48	22 52	16 8			n.a.
S 21	21 23	16 7	2 8	24 0	0 46	15 25	1 23	22 17	3 44	19 19	1 17	2 48	2 28	23 43	0 30	0 2	1 53	29 52	12 32	22 48	22 52	16 10			n.a.
M22	21 12	11 16	3 10	23 59	0 56	14 59	1 22	22 22	3 43	19 21	1 17	2 50	2 27	23 43	0 30	0 3	1 53	29 51	12 32	22 49	22 53	16 12			n.a.
T 23	21 1	6 3	4 1	23 56	1 4	14 33	1 20	22 27	3 43	19 23	1 17	2 51	2 27	23 43	0 30	0 3	1 53	29 51	12 32	22 49	22 53	16 14			n.a.
W24	20 50	0 44	4 40	23 51	1 12	14 7	1 19	22 32	3 42	19 25	1 17	2 53	2 27	23 43	0 30	0 4	1 53	29 50	12 32	22 49	22 53	16 17			n.a.
T 25	20 38	4s31	5 4	23 42	1 20	13 40	1 17	22 37	3 41	19 27	1 18	2 54	2 27	23 43	0 30	0 4	1 53	29 50	12 32	22 49	22 54	16 19			n.a.
F 26	20 26	9 31	5 15	23 31	1 26	13 13	1 16	22 42	3 41	19 30	1 18	2 56	2 26	23 43	0 30	0 5	1 53	29 49	12 32	22 49	22 54	16 21			n.a.
S 27	20 14	14 7	5 12	23 17	1 31	12 45	1 14	22 47	3 40	19 32	1 18	2 57	2 26	23 44	0 30	0 5	1 53	29 48	12 32	22 49	22 55	16 23			n.a.
S 28	20 1	18 10	4 56	23 1	1 36	12 18	1 12	22 53	3 39	19 34	1 18	2 59	2 26	23 44	0 30	0 6	1 52	29 48	12 32	22 49	22 55	16 25			n.a.
M29	19 48	21 30	4 27	22 43	1 40	11 49	1 11	22 58	3 39	19 36	1 18	3 1	2 26	23 44	0 30	0 6	1 52	29 47	12 32	22 49	22 55	16 28			n.a.
T 30	19 34	23 56	3 46	22 21	1 43	11 21	1 9	23 3	3 38	19 38	1 18	3 2	2 25	23 44	0 30	0 7	1 52	29 47	12 32	22 49	22 56	16 30			n.a.
W31	19n20	25s19	2s55	21n58	1n45	10n52	1n 7	23s 8	3s37	19s41	1s18	3s 4	2n25	23s44	0s30	0s 8	1n52	29n46	12n32	22s49	22s56	16s32			n.a.

Julian Day Number = 1714299.5, Delta T = 02h59m09s
Ecliptic obliquity = 23°41'52, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°19'53, Lahiri = - 4°12'53 Julian Calendar 1 July 20 BCE == Greg. Calendar 29 June 020 BCE

The year -19 astronomical counting style corresponds to year 020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 20 BCE
geocentric

AUGUST 20 BCE (-19) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 28 44	5♌29'12	24♐ 8	2♌28	6♍ 3	27♏ 6	8°R 3	13♎20	10°R56	4♎36	10♌41	15♑15	14♑ 9	1♏ 3	n.a.	T 1
F 2	20 32 41	6°27'15	6♑51	4°26	7°15	27°32	7♒55	13°24	10♑54	4°38	10°43	15°16	14° 6	1°10	n.a.	F 2
S 3	20 36 38	7°25'19	19°55	6°23	8°28	27°58	7°47	13°28	10°52	4°39	10°45	15°R17	14° 3	1°17	n.a.	S 3
S 4	20 40 34	8°23'25	3♒18	8°20	9°41	28°25	7°39	13°32	10°50	4°41	10°47	15°16	14° 0	1°23	n.a.	S 4
M 5	20 44 31	9°21'33	17° 0	10°15	10°53	28°52	7°31	13°36	10°48	4°42	10°49	15°14	13°56	1°30	n.a.	M 5
T 6	20 48 27	10°19'42	0♓58	12° 9	12° 6	29°20	7°23	13°41	10°46	4°43	10°51	15°11	13°53	1°37	n.a.	T 6
W 7	20 52 24	11°17'53	15° 9	14° 3	13°18	29°48	7°15	13°45	10°44	4°45	10°53	15° 7	13°50	1°43	n.a.	W 7
T 8	20 56 20	12°16'07	29°28	15°55	14°31	0♈16	7° 8	13°50	10°42	4°46	10°55	15° 3	13°47	1°50	n.a.	T 8
F 9	21 0 17	13°14'22	13♈49	17°46	15°43	0°45	7° 0	13°54	10°40	4°48	10°58	15° 0	13°44	1°57	n.a.	F 9
S 10	21 4 13	14°12'40	28°10	19°37	16°56	1°14	6°52	13°59	10°38	4°50	11° 0	14°58	13°41	2° 4	n.a.	S 10
S 11	21 8 10	15°11'00	12♉25	21°25	18° 8	1°44	6°44	14° 3	10°36	4°51	11° 2	14°D57	13°37	2°10	n.a.	S 11
M12	21 12 6	16° 9'22	26°32	23°13	19°21	2°14	6°36	14° 8	10°34	4°53	11° 4	14°57	13°34	2°17	n.a.	M12
T 13	21 16 3	17° 7'46	10♊31	25° 0	20°33	2°44	6°29	14°13	10°33	4°54	11° 6	14°58	13°31	2°24	n.a.	T 13
W14	21 20 0	18° 6'13	24°20	26°45	21°45	3°15	6°21	14°18	10°31	4°56	11° 8	15° 0	13°28	2°30	n.a.	W14
T 15	21 23 56	19° 4'42	7♋58	28°30	22°58	3°46	6°14	14°23	10°29	4°58	11°10	15° 1	13°25	2°37	n.a.	T 15
F 16	21 27 53	20° 3'13	21°25	0♍13	24°10	4°17	6° 6	14°28	10°27	4°59	11°12	15°R 1	13°21	2°44	n.a.	F 16
S 17	21 31 49	21° 1'46	4♌41	1°55	25°22	4°49	5°59	14°33	10°26	5° 1	11°14	14°59	13°18	2°51	n.a.	S 17
S 18	21 35 46	22° 0'21	17°43	3°37	26°34	5°20	5°51	14°38	10°24	5° 3	11°16	14°56	13°15	2°57	n.a.	S 18
M19	21 39 42	22°58'59	0♍33	5°17	27°47	5°53	5°44	14°43	10°23	5° 5	11°18	14°51	13°12	3° 4	n.a.	M19
T 20	21 43 39	23°57'38	13° 9	6°56	28°59	6°25	5°37	14°49	10°21	5° 6	11°20	14°44	13° 9	3°11	n.a.	T 20
W21	21 47 35	24°56'19	25°32	8°34	0♎11	6°58	5°30	14°54	10°20	5° 8	11°22	14°37	13° 6	3°17	n.a.	W21
T 22	21 51 32	25°55'02	7♎43	10°11	1°23	7°31	5°23	14°59	10°18	5°10	11°24	14°30	13° 2	3°24	n.a.	T 22
F 23	21 55 29	26°53'47	19°44	11°47	2°35	8° 5	5°16	15° 5	10°17	5°12	11°26	14°23	12°59	3°31	n.a.	F 23
S 24	21 59 25	27°52'34	1♏39	13°22	3°47	8°39	5° 9	15°10	10°15	5°14	11°28	14°18	12°56	3°38	n.a.	S 24
S 25	22 3 22	28°51'23	13°30	14°56	4°59	9°13	5° 3	15°16	10°14	5°16	11°30	14°15	12°53	3°44	n.a.	S 25
M26	22 7 18	29°50'13	25°22	16°29	6°11	9°47	4°56	15°22	10°13	5°18	11°32	14°D13	12°50	3°51	n.a.	M26
T 27	22 11 15	0♍49'06	7♐21	18° 1	7°23	10°22	4°50	15°27	10°11	5°19	11°34	14°13	12°46	3°58	n.a.	T 27
W28	22 15 11	1°48'00	19°31	19°32	8°35	10°56	4°43	15°33	10°10	5°21	11°36	14°14	12°43	4° 4	n.a.	W28
T 29	22 19 8	2°46'56	1♑57	21° 2	9°47	11°31	4°37	15°39	10° 9	5°23	11°38	14°16	12°40	4°11	n.a.	T 29
F 30	22 23 4	3°45'54	14°43	22°32	10°58	12° 7	4°31	15°45	10° 8	5°25	11°40	14°R16	12°37	4°18	n.a.	F 30
S 31	22 27 1	4♍44'54	27♑54	24♍ 0	12♎10	12♐42	4♒25	15♎50	10♑ 7	5♎27	11♌42	14♑15	12♑34	4♏25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	19n 6	25 s28	1 s54	21n33	1n46	10n24	1n 5	23 s14	3 s37	19 s43	1 s19	3 s 6	2n25	23 s45	0 s30	0 s 8	1n52	29n45	12n32	22 s49	22 s56	16 s34			n.a.
F 2	18 52	24 17	0 46	21 6	1 47	9 54	1 3	23 19	3 36	19 45	1 19	3 8	2 25	23 45	0 30	0 9	1 52	29 45	12 33	22 49	22 57	16 36			n.a.
S 3	18 37	21 47	0n25	20 36	1 47	9 25	1 0	23 25	3 35	19 47	1 19	3 9	2 24	23 45	0 30	0 9	1 52	29 44	12 33	22 49	22 57	16 38			n.a.
S 4	18 22	18 3	1 37	20 6	1 47	8 55	0 58	23 30	3 34	19 49	1 19	3 11	2 24	23 45	0 30	0 10	1 52	29 44	12 33	22 49	22 57	16 41			n.a.
M 5	18 6	13 17	2 45	19 33	1 46	8 25	0 56	23 35	3 33	19 52	1 19	3 13	2 24	23 45	0 30	0 11	1 52	29 43	12 33	22 49	22 58	16 43			n.a.
T 6	17 51	7 45	3 45	19 0	1 44	7 55	0 54	23 41	3 33	19 54	1 19	3 15	2 24	23 45	0 30	0 11	1 52	29 43	12 33	22 49	22 58	16 45			n.a.
W 7	17 35	1 45	4 31	18 25	1 42	7 25	0 51	23 46	3 32	19 56	1 19	3 17	2 24	23 46	0 30	0 12	1 52	29 42	12 33	22 50	22 58	16 47			n.a.
T 8	17 18	4n23	5 1	17 49	1 39	6 54	0 49	23 51	3 31	19 58	1 19	3 19	2 23	23 46	0 30	0 12	1 52	29 42	12 33	22 50	22 59	16 49			n.a.
F 9	17 2	10 18	5 13	17 12	1 36	6 24	0 46	23 57	3 30	20 0	1 19	3 21	2 23	23 46	0 30	0 13	1 52	29 41	12 33	22 51	22 59	16 51			n.a.
S 10	16 45	15 40	5 5	16 33	1 32	5 53	0 43	24 2	3 29	20 2	1 19	3 23	2 23	23 46	0 30	0 14	1 52	29 41	12 33	22 51	22 59	16 53			n.a.
S 11	16 27	20 8	4 38	15 55	1 29	5 22	0 41	24 7	3 28	20 4	1 19	3 25	2 23	23 46	0 30	0 14	1 52	29 40	12 33	22 51	23 0	16 55			n.a.
M12	16 10	23 23	3 54	15 15	1 24	4 51	0 38	24 13	3 27	20 6	1 19	3 27	2 22	23 46	0 30	0 15	1 52	29 39	12 33	22 51	23 0	16 58			n.a.
T 13	15 52	25 11	2 57	14 35	1 20	4 20	0 35	24 18	3 26	20 8	1 20	3 29	2 22	23 46	0 30	0 16	1 52	29 39	12 33	22 51	23 0	17 0			n.a.
W14	15 34	25 25	1 51	13 54	1 15	3 48	0 33	24 23	3 25	20 10	1 20	3 31	2 22	23 47	0 30	0 17	1 52	29 38	12 33	22 51	23 1	17 2			n.a.
T 15	15 16	24 6	0 38	13 12	1 9	3 17	0 30	24 28	3 24	20 12	1 20	3 33	2 22	23 47	0 30	0 17	1 52	29 38	12 34	22 51	23 1	17 4			n.a.
F 16	14 57	21 24	0s35	12 31	1 4	2 45	0 27	24 33	3 23	20 14	1 20	3 35	2 22	23 47	0 30	0 18	1 52	29 37	12 34	22 51	23 1	17 6			n.a.
S 17	14 38	17 36	1 45	11 48	0 58	2 13	0 24	24 38	3 22	20 16	1 20	3 37	2 21	23 47	0 30	0 19	1 52	29 37	12 34	22 51	23 1	17 8			n.a.
S 18	14 19	13 1	2 48	11 6	0 52	1 42	0 21	24 43	3 21	20 18	1 20	3 40	2 21	23 47	0 30	0 19	1 52	29 36	12 34	22 51	23 2	17 10			n.a.
M19	14 0	7 56	3 42	10 23	0 46	1 10	0 18	24 48	3 20	20 20	1 20	3 42	2 21	23 47	0 30	0 20	1 51	29 36	12 34	22 52	23 2	17 12			n.a.
T 20	13 41	2 38	4 24	9 40	0 39	0 38	0 15	24 53	3 19	20 21	1 20	3 44	2 21	23 47	0 30	0 21	1 51	29 36	12 34	22 52	23 2	17 14			n.a.
W21	13 21	2 s40	4 52	8 57	0 33	0 6	0 12	24 57	3 18	20 23	1 20	3 46	2 21	23 47	0 30	0 22	1 51	29 35	12 34	22 53	23 3	17 16			n.a.
T 22	13 1	7 47	5 7	8 14	0 26	0 s26	0 8	25 2	3 17	20 25	1 20	3 49	2 21	23 47	0 30	0 22	1 51	29 35	12 34	22 54	23 3	17 18			n.a.
F 23	12 41	12 32	5 7	7 31	0 19	0 58	0 5	25 7	3 16	20 27	1 20	3 51	2 20	23 48	0 30	0 23	1 51	29 34	12 35	22 55	23 3	17 21			n.a.
S 24	12 20	16 46	4 55	6 48	0 12	1 29	0 2	25 11	3 15	20 28	1 20	3 53	2 20	23 48	0 30	0 24	1 51	29 34	12 35	22 55	23 4	17 23			n.a.
S 25	12 0	20 20	4 30	6 5	0 5	2 1	0 s 1	25 15	3 13	20 30	1 20	3 55	2 20	23 48	0 30	0 25	1 51	29 33	12 35	22 56	23 4	17 25			n.a.
M26	11 39	23 5	3 53	5 22	0 s 2	2 33	0 5	25 20	3 12	20 32	1 20	3 58	2 20	23 48	0 30	0 26	1 51	29 33	12 35	22 56	23 4	17 27			n.a.
T 27	11 18	24 49	3 6	4 39	0 9	3 5	0 8	25 24	3 11	20 33	1 20	4 0	2 20	23 48	0 30	0 26	1 51	29 32	12 35	22 56	23 5	17 29			n.a.
W28	10 57	25 26	2 9	3 56	0 17	3 37	0 11	25 28	3 10	20 35	1 20	4 3	2 20	23 48	0 30	0 27	1 51	29 32	12 36	22 56	23 5	17 31			n.a.
T 29	10 36	24 47	1 6	3 13	0 24	4 8	0 15	25 31	3 9	20 36	1 20	4 5	2 19	23 48	0 30	0 28	1 51	29 32	12 36	22 56	23 5	17 33			n.a.
F 30	10 14	22 50	0n 2	2 31	0 31	4 40	0 18	25 35	3 8	20 37	1 19	4 7	2 19	23 48	0 30	0 29	1 51	29 31	12 36	22 55	23 6	17 35			n.a.
S 31	9n52	19 s37	1n13	1n49	0 s39	5 s12	0 s22	25 s39	3 s 6	20 s39	1 s19	4 s10	2n19	23 s48	0 s30	0 s30	1n51	29n31	12n36	22 s56	23 s 6	17 s37			n.a.

Julian Day Number = 1714330.5, Delta T = 02h59m09s
Ecliptic obliquity = 23°41'52, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°19'49, Lahiri = - 4°12'48 Julian Calendar 1 Aug. 20 BCE == Greg. Calendar 30 July 020 BCE

The year -19 astronomical counting style corresponds to year 020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 20 BCE
geocentric

SEPTEMBER 20 BCE (-19) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 30 58	5♍43'56	11♒30	25♍27	13♎22	13♐18	4°R20	15♎56	10°R 6	5♎29	11♌44	14°R12	12♑31	4♏31	n.a.	S 1
M 2	22 34 54	6°43'00	25°31	26°54	14°33	13°54	4♒14	16° 2	10♑ 5	5°31	11°46	14♑ 7	12°27	4°38	n.a.	M 2
T 3	22 38 51	7°42'06	9♓54	28°19	15°45	14°30	4° 9	16° 8	10° 4	5°33	11°48	14° 0	12°24	4°45	n.a.	T 3
W 4	22 42 47	8°41'14	24°32	29°43	16°56	15° 7	4° 4	16°14	10° 3	5°35	11°50	13°51	12°21	4°51	n.a.	W 4
T 5	22 46 44	9°40'24	9♈19	1♎ 6	18° 8	15°43	3°59	16°21	10° 2	5°37	11°52	13°43	12°18	4°58	n.a.	T 5
F 6	22 50 40	10°39'36	24° 6	2°29	19°19	16°20	3°54	16°27	10° 1	5°39	11°53	13°35	12°15	5° 5	n.a.	F 6
S 7	22 54 37	11°38'51	8♉46	3°50	20°31	16°57	3°49	16°33	10° 1	5°42	11°55	13°29	12°12	5°12	n.a.	S 7
S 8	22 58 33	12°38'08	23°12	5°10	21°42	17°34	3°44	16°39	10° 0	5°44	11°57	13°25	12° 8	5°18	n.a.	S 8
M 9	23 2 30	13°37'28	7♊23	6°28	22°53	18°12	3°40	16°46	9°59	5°46	11°59	13°23	12° 5	5°25	n.a.	M 9
T 10	23 6 26	14°36'51	21°15	7°46	24° 5	18°49	3°36	16°52	9°59	5°48	12° 1	13°D23	12° 2	5°32	n.a.	T 10
W11	23 10 23	15°36'15	4♋51	9° 2	25°16	19°27	3°32	16°58	9°58	5°50	12° 3	13°24	11°59	5°38	n.a.	W11
T 12	23 14 20	16°35'43	18°10	10°17	26°27	20° 5	3°28	17° 5	9°57	5°52	12° 4	13°R24	11°56	5°45	n.a.	T 12
F 13	23 18 16	17°35'12	1♌16	11°30	27°38	20°43	3°24	17°11	9°57	5°54	12° 6	13°22	11°52	5°52	n.a.	F 13
S 14	23 22 13	18°34'44	14°10	12°41	28°49	21°21	3°21	17°18	9°57	5°56	12° 8	13°19	11°49	5°59	n.a.	S 14
S 15	23 26 9	19°34'18	26°52	13°51	29°59	22° 0	3°17	17°24	9°56	5°59	12°10	13°12	11°46	6° 5	n.a.	S 15
M16	23 30 6	20°33'54	9♍24	14°59	1♏11	22°38	3°14	17°31	9°56	6° 1	12°11	13° 2	11°43	6°12	n.a.	M16
T 17	23 34 2	21°33'33	21°47	16° 4	2°22	23°17	3°11	17°37	9°56	6° 3	12°13	12°50	11°40	6°19	n.a.	T 17
W18	23 37 59	22°33'13	4♎ 0	17° 8	3°32	23°56	3° 8	17°44	9°55	6° 5	12°15	12°37	11°37	6°25	n.a.	W18
T 19	23 41 55	23°32'56	16° 4	18° 9	4°43	24°35	3° 6	17°51	9°55	6° 7	12°16	12°24	11°33	6°32	n.a.	T 19
F 20	23 45 52	24°32'40	28° 1	19° 7	5°54	25°14	3° 4	17°57	9°55	6°10	12°18	12°12	11°30	6°39	n.a.	F 20
S 21	23 49 49	25°32'27	9♏53	20° 2	7° 4	25°54	3° 1	18° 4	9°55	6°12	12°20	12° 1	11°27	6°45	n.a.	S 21
S 22	23 53 45	26°32'15	21°42	20°54	8°15	26°33	2°59	18°11	9°D55	6°14	12°21	11°54	11°24	6°52	n.a.	S 22
M23	23 57 42	27°32'05	3♐32	21°42	9°25	27°13	2°58	18°18	9°55	6°16	12°23	11°49	11°21	6°59	n.a.	M23
T 24	0 1 38	28°31'58	15°28	22°26	10°36	27°53	2°56	18°25	9°55	6°18	12°24	11°46	11°18	7° 6	n.a.	T 24
W25	0 5 35	29°31'52	27°34	23° 5	11°46	28°33	2°55	18°31	9°55	6°21	12°26	11°D46	11°14	7°12	n.a.	W25
T 26	0 9 31	0♎31'47	9♑55	23°40	12°56	29°13	2°54	18°38	9°56	6°23	12°27	11°R46	11°11	7°19	n.a.	T 26
F 27	0 13 28	1°31'45	22°38	24° 9	14° 6	29°53	2°53	18°45	9°56	6°25	12°29	11°45	11° 8	7°26	n.a.	F 27
S 28	0 17 24	2°31'44	5♒46	24°32	15°16	0♑33	2°52	18°52	9°56	6°27	12°30	11°43	11° 5	7°32	n.a.	S 28
S 29	0 21 21	3°31'45	19°23	24°48	16°26	1°13	2°51	18°59	9°56	6°30	12°32	11°39	11° 2	7°39	n.a.	S 29
M30	0 25 18	4♎31'47	3♓30	24♎57	17♏36	1♑54	2♒51	19♎ 6	9♑57	6♎32	12♌33	11♑32	10♑58	7♏46	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n30	15s16	2n21	1n 7	0s46	5s43	0s25	25s42	3s 5	20s40	1s19	4s12	2n19	23s48	0s30	0s30	1n51	29n31	12n36	22s56	23s 6	17s39		n.a.
M 2	9 8	9 58	3 23	0 26	0 54	6 14	0 29	25 46	3 4	20 41	1 19	4 15	2 19	23 48	0 30	0 31	1 51	29 30	12 37	22 56	23 6	17 41		n.a.
T 3	8 46	4 2	4 13	0s16	1 1	6 45	0 32	25 49	3 3	20 43	1 19	4 17	2 19	23 48	0 30	0 32	1 51	29 30	12 37	22 57	23 7	17 43		n.a.
W 4	8 24	2n12	4 48	0 56	1 9	7 17	0 36	25 52	3 2	20 44	1 19	4 20	2 18	23 48	0 30	0 33	1 51	29 29	12 37	22 58	23 7	17 45		n.a.
T 5	8 2	8 23	5 4	1 37	1 16	7 47	0 39	25 55	3 0	20 45	1 19	4 22	2 18	23 48	0 30	0 34	1 51	29 29	12 37	22 59	23 7	17 47		n.a.
F 6	7 39	14 5	5 0	2 16	1 24	8 18	0 43	25 58	2 59	20 46	1 19	4 25	2 18	23 49	0 30	0 35	1 51	29 29	12 38	23 0	23 8	17 49		n.a.
S 7	7 16	18 55	4 36	2 56	1 31	8 49	0 46	26 0	2 58	20 47	1 19	4 27	2 18	23 49	0 30	0 35	1 51	29 28	12 38	23 0	23 8	17 51		n.a.
S 8	6 53	22 33	3 55	3 34	1 38	9 19	0 50	26 3	2 57	20 48	1 19	4 30	2 18	23 49	0 30	0 36	1 51	29 28	12 38	23 1	23 8	17 53		n.a.
M 9	6 30	24 44	3 0	4 12	1 45	9 49	0 54	26 5	2 56	20 49	1 19	4 32	2 18	23 49	0 30	0 37	1 51	29 28	12 38	23 1	23 8	17 55		n.a.
T 10	6 7	25 19	1 55	4 50	1 52	10 19	0 57	26 7	2 54	20 50	1 19	4 35	2 18	23 49	0 30	0 38	1 51	29 28	12 39	23 1	23 9	17 57		n.a.
W11	5 44	24 22	0 46	5 26	1 59	10 49	1 1	26 9	2 53	20 51	1 19	4 37	2 17	23 49	0 30	0 39	1 51	29 27	12 39	23 1	23 9	17 59		n.a.
T 12	5 21	22 2	0s25	6 2	2 6	11 19	1 4	26 11	2 52	20 52	1 18	4 40	2 17	23 49	0 30	0 40	1 51	29 27	12 39	23 1	23 9	18 1		n.a.
F 13	4 57	18 34	1 34	6 37	2 12	11 48	1 8	26 12	2 51	20 52	1 18	4 43	2 17	23 49	0 30	0 41	1 51	29 27	12 39	23 1	23 10	18 3		n.a.
S 14	4 34	14 16	2 36	7 11	2 19	12 17	1 12	26 14	2 49	20 53	1 18	4 45	2 17	23 49	0 30	0 42	1 51	29 27	12 40	23 1	23 10	18 5		n.a.
S 15	4 10	9 25	3 29	7 44	2 25	12 46	1 15	26 15	2 48	20 54	1 18	4 48	2 17	23 49	0 30	0 42	1 51	29 26	12 40	23 2	23 10	18 7		n.a.
M16	3 47	4 15	4 12	8 16	2 31	13 14	1 19	26 16	2 47	20 54	1 18	4 51	2 17	23 49	0 30	0 43	1 51	29 26	12 40	23 3	23 11	18 8		n.a.
T 17	3 23	1s 0	4 41	8 47	2 36	13 42	1 22	26 17	2 45	20 55	1 18	4 53	2 17	23 49	0 30	0 44	1 51	29 26	12 41	23 4	23 11	18 10		n.a.
W18	2 59	6 9	4 58	9 17	2 42	14 10	1 26	26 17	2 44	20 56	1 18	4 56	2 17	23 49	0 30	0 45	1 51	29 26	12 41	23 5	23 11	18 12		n.a.
T 19	2 35	11 0	5 0	9 45	2 47	14 38	1 29	26 18	2 43	20 56	1 18	4 58	2 17	23 49	0 30	0 46	1 51	29 25	12 41	23 7	23 11	18 14		n.a.
F 20	2 11	15 23	4 50	10 12	2 51	15 5	1 33	26 18	2 42	20 57	1 18	5 1	2 16	23 49	0 29	0 47	1 51	29 25	12 42	23 8	23 12	18 16		n.a.
S 21	1 47	19 9	4 27	10 37	2 55	15 32	1 36	26 18	2 40	20 57	1 17	5 4	2 16	23 49	0 29	0 48	1 51	29 25	12 42	23 9	23 12	18 18		n.a.
S 22	1 23	22 7	3 52	11 0	2 59	15 58	1 39	26 18	2 39	20 57	1 17	5 6	2 16	23 49	0 29	0 49	1 51	29 25	12 42	23 10	23 12	18 20		n.a.
M23	0 59	24 9	3 8	11 21	3 2	16 25	1 43	26 18	2 38	20 57	1 17	5 9	2 16	23 49	0 29	0 49	1 51	29 25	12 43	23 10	23 12	18 22		n.a.
T 24	0 35	25 7	2 14	11 40	3 4	16 50	1 46	26 17	2 36	20 58	1 17	5 12	2 16	23 49	0 29	0 50	1 51	29 25	12 43	23 10	23 13	18 24		n.a.
W25	0 11	24 55	1 14	11 56	3 6	17 16	1 50	26 16	2 35	20 58	1 17	5 15	2 16	23 49	0 29	0 51	1 51	29 24	12 43	23 10	23 13	18 26		n.a.
T 26	0s13	23 29	0 10	12 10	3 7	17 41	1 53	26 15	2 34	20 58	1 17	5 17	2 16	23 49	0 29	0 52	1 51	29 24	12 44	23 10	23 13	18 28		n.a.
F 27	0 37	20 50	0n57	12 21	3 7	18 5	1 56	26 14	2 32	20 58	1 17	5 20	2 16	23 49	0 29	0 53	1 51	29 24	12 44	23 10	23 14	18 29		n.a.
S 28	1 1	17 2	2 3	12 29	3 6	18 29	1 59	26 13	2 31	20 58	1 16	5 23	2 16	23 49	0 29	0 54	1 51	29 24	12 44	23 10	23 14	18 31		n.a.
S 29	1 25	12 15	3 5	12 33	3 4	18 53	2 2	26 11	2 30	20 58	1 16	5 25	2 16	23 49	0 29	0 55	1 51	29 24	12 45	23 11	23 14	18 33		n.a.
M30	1s49	6s39	3n57	12s34	3s 1	19s16	2s 6	26s 9	2s28	20s58	1s16	5s28	2n16	23s48	0s29	0s56	1n51	29n24	12n45	23s11	23s14	18s35		n.a.

Julian Day Number = 1714361.5, Delta T = 02h59m08s
Ecliptic obliquity = 23°41'53, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°19'45, Lahiri = - 4°12'44 Julian Calendar 1 Sept. 20 BCE == Greg. Calendar 30 Aug. 020 BCE

The year -19 astronomical counting style corresponds to year 020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 20 BCE
geocentric

OCTOBER 20 BCE (-19) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 29 14	5♎31'52	18♓ 4	24°R58	18♏46	2♑34	2°D51	19♎13	9♑57	6♎34	12♌35	11°R23	10♑55	7♏53	n.a.	T 1
W 2	0 33 11	6°31'58	3♈ 0	24♎51	19°56	3°15	2♒51	19°20	9°58	6°36	12°36	11♑12	10°52	7°59	n.a.	W 2
T 3	0 37 7	7°32'06	18° 9	24°35	21° 5	3°56	2°51	19°27	9°58	6°39	12°37	11° 0	10°49	8° 6	n.a.	T 3
F 4	0 41 4	8°32'16	3♉20	24°10	22°15	4°37	2°52	19°34	9°59	6°41	12°39	10°49	10°46	8°13	n.a.	F 4
S 5	0 45 0	9°32'28	18°22	23°34	23°24	5°18	2°53	19°41	10° 0	6°43	12°40	10°40	10°43	8°19	n.a.	S 5
S 6	0 48 57	10°32'43	3♊ 8	22°50	24°33	5°59	2°53	19°48	10° 0	6°45	12°41	10°34	10°39	8°26	n.a.	S 6
M 7	0 52 53	11°32'59	17°32	21°56	25°43	6°40	2°55	19°55	10° 1	6°48	12°43	10°31	10°36	8°33	n.a.	M 7
T 8	0 56 50	12°33'18	1♋31	20°54	26°52	7°21	2°56	20° 2	10° 2	6°50	12°44	10°30	10°33	8°40	n.a.	T 8
W 9	1 0 47	13°33'39	15° 6	19°44	28° 1	8° 3	2°57	20° 9	10° 3	6°52	12°45	10°30	10°30	8°46	n.a.	W 9
T 10	1 4 43	14°34'02	28°19	18°29	29° 9	8°44	2°59	20°16	10° 4	6°54	12°46	10°30	10°27	8°53	n.a.	T 10
F 11	1 8 40	15°34'26	11♌14	17°11	0♐18	9°25	3° 1	20°23	10° 5	6°57	12°47	10°28	10°23	9° 0	n.a.	F 11
S 12	1 12 36	16°34'53	23°53	15°51	1°27	10° 7	3° 3	20°30	10° 6	6°59	12°48	10°23	10°20	9° 6	n.a.	S 12
S 13	1 16 33	17°35'22	6♍20	14°33	2°35	10°49	3° 5	20°37	10° 7	7° 1	12°50	10°16	10°17	9°13	n.a.	S 13
M14	1 20 29	18°35'53	18°38	13°18	3°43	11°30	3° 8	20°45	10° 8	7° 3	12°51	10° 5	10°14	9°20	n.a.	M14
T 15	1 24 26	19°36'25	0♎47	12°11	4°52	12°12	3°11	20°52	10° 9	7° 5	12°52	9°52	10°11	9°26	n.a.	T 15
W16	1 28 22	20°36'59	12°50	11°11	6° 0	12°54	3°13	20°59	10°10	7° 8	12°53	9°38	10° 8	9°33	n.a.	W16
T 17	1 32 19	21°37'35	24°47	10°22	7° 8	13°36	3°17	21° 6	10°11	7°10	12°54	9°23	10° 4	9°40	n.a.	T 17
F 18	1 36 15	22°38'13	6♏40	9°43	8°15	14°18	3°20	21°13	10°13	7°12	12°55	9° 9	10° 1	9°47	n.a.	F 18
S 19	1 40 12	23°38'52	18°30	9°16	9°23	15° 0	3°23	21°20	10°14	7°14	12°56	8°58	9°58	9°53	n.a.	S 19
S 20	1 44 9	24°39'32	0♐19	9° 1	10°30	15°42	3°27	21°27	10°15	7°16	12°56	8°49	9°55	10° 0	n.a.	S 20
M21	1 48 5	25°40'14	12°10	8°D57	11°38	16°25	3°31	21°34	10°17	7°19	12°57	8°43	9°52	10° 7	n.a.	M21
T 22	1 52 2	26°40'58	24° 5	9° 5	12°45	17° 7	3°35	21°41	10°18	7°21	12°58	8°39	9°49	10°13	n.a.	T 22
W23	1 55 58	27°41'42	6♑10	9°22	13°52	17°49	3°39	21°48	10°20	7°23	12°59	8°D38	9°45	10°20	n.a.	W23
T 24	1 59 55	28°42'28	18°28	9°49	14°58	18°32	3°44	21°56	10°21	7°25	13° 0	8°39	9°42	10°27	n.a.	T 24
F 25	2 3 51	29°43'15	1♒ 6	10°24	16° 5	19°14	3°48	22° 3	10°23	7°27	13° 0	8°R39	9°39	10°34	n.a.	F 25
S 26	2 7 48	0♏44'03	14° 7	11° 7	17°11	19°56	3°53	22°10	10°25	7°29	13° 1	8°38	9°36	10°40	n.a.	S 26
S 27	2 11 44	1°44'52	27°36	11°57	18°17	20°39	3°58	22°17	10°27	7°31	13° 2	8°35	9°33	10°47	n.a.	S 27
M28	2 15 41	2°45'42	11♓35	12°53	19°23	21°22	4° 3	22°24	10°28	7°33	13° 3	8°30	9°29	10°54	n.a.	M28
T 29	2 19 38	3°46'33	26° 4	13°54	20°29	22° 4	4° 9	22°31	10°30	7°35	13° 3	8°22	9°26	11° 0	n.a.	T 29
W30	2 23 34	4°47'25	10♈59	14°59	21°35	22°47	4°14	22°38	10°32	7°38	13° 4	8°13	9°23	11° 7	n.a.	W30
T 31	2 27 31	5♏48'18	26♈12	16♎ 8	22♐40	23♑30	4♒20	22♎45	10♑34	7♎40	13♌ 4	8♑ 3	9♑20	11♏14	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	2s13	0s32	4n36	12s30	2s56	19s39	2s 9	26s 7	2s27	20s58	1s16	5s31	2n16	23s48	0s29	0s57	1n51	29n24	12n45	23s12	23s15	18s37			n.a.
W 2	2 37	5n44	4 57	12 22	2 50	20 1	2 12	26 5	2 26	20 58	1 16	5 33	2 16	23 48	0 29	0 58	1 51	29 24	12 46	23 13	23 15	18 39			n.a.
T 3	3 1	11 46	4 58	12 9	2 43	20 23	2 15	26 3	2 24	20 58	1 16	5 36	2 15	23 48	0 29	0 58	1 51	29 24	12 46	23 14	23 15	18 41			n.a.
F 4	3 25	17 6	4 38	11 51	2 34	20 44	2 17	26 0	2 23	20 57	1 16	5 39	2 15	23 48	0 29	0 59	1 51	29 24	12 47	23 15	23 15	18 43			n.a.
S 5	3 49	21 17	3 58	11 27	2 23	21 5	2 20	25 57	2 22	20 57	1 15	5 42	2 15	23 48	0 29	1 0	1 51	29 24	12 47	23 16	23 16	18 44			n.a.
S 6	4 13	24 0	3 3	10 59	2 10	21 25	2 23	25 54	2 20	20 57	1 15	5 44	2 15	23 48	0 29	1 1	1 51	29 24	12 47	23 16	23 16	18 46			n.a.
M 7	4 37	25 4	1 58	10 25	1 55	21 45	2 26	25 51	2 19	20 56	1 15	5 47	2 15	23 48	0 29	1 2	1 51	29 24	12 48	23 17	23 16	18 48			n.a.
T 8	5 1	24 29	0 47	9 46	1 39	22 4	2 28	25 47	2 18	20 56	1 15	5 50	2 15	23 48	0 29	1 3	1 51	29 24	12 48	23 17	23 16	18 50			n.a.
W 9	5 24	22 26	0s24	9 3	1 21	22 23	2 31	25 43	2 16	20 55	1 15	5 53	2 15	23 48	0 29	1 4	1 51	29 24	12 49	23 17	23 17	18 52			n.a.
T 10	5 48	19 13	1 33	8 17	1 2	22 41	2 33	25 39	2 15	20 55	1 15	5 55	2 15	23 48	0 29	1 5	1 51	29 24	12 49	23 17	23 17	18 54			n.a.
F 11	6 12	15 7	2 35	7 28	0 42	22 58	2 36	25 35	2 14	20 54	1 14	5 58	2 15	23 48	0 29	1 6	1 51	29 24	12 49	23 17	23 17	18 55			n.a.
S 12	6 35	10 26	3 28	6 38	0 21	23 15	2 38	25 31	2 12	20 53	1 14	6 1	2 15	23 48	0 29	1 6	1 51	29 24	12 50	23 17	23 17	18 57			n.a.
S 13	6 59	5 25	4 10	5 48	0 1	23 31	2 40	25 26	2 11	20 53	1 14	6 3	2 15	23 47	0 29	1 7	1 51	29 24	12 50	23 18	23 18	18 59			n.a.
M14	7 22	0 16	4 39	5 0	0n20	23 47	2 43	25 21	2 10	20 52	1 14	6 6	2 15	23 47	0 29	1 8	1 51	29 24	12 51	23 19	23 18	19 1			n.a.
T 15	7 45	4s50	4 56	4 16	0 39	24 2	2 45	25 16	2 8	20 51	1 14	6 9	2 15	23 47	0 29	1 9	1 51	29 24	12 51	23 20	23 18	19 3			n.a.
W16	8 8	9 42	4 59	3 36	0 57	24 16	2 47	25 10	2 7	20 50	1 14	6 11	2 15	23 47	0 29	1 10	1 51	29 24	12 51	23 21	23 18	19 4			n.a.
T 17	8 31	14 10	4 49	3 1	1 14	24 30	2 48	25 5	2 6	20 49	1 13	6 14	2 15	23 47	0 29	1 11	1 51	29 24	12 52	23 22	23 19	19 6			n.a.
F 18	8 54	18 4	4 27	2 32	1 29	24 43	2 50	24 59	2 4	20 49	1 13	6 17	2 15	23 47	0 29	1 12	1 51	29 24	12 52	23 23	23 19	19 8			n.a.
S 19	9 17	21 14	3 52	2 9	1 42	24 56	2 52	24 53	2 3	20 48	1 13	6 20	2 15	23 47	0 29	1 12	1 51	29 24	12 53	23 23	23 19	19 10			n.a.
S 20	9 39	23 30	3 8	1 52	1 54	25 8	2 54	24 47	2 2	20 47	1 13	6 22	2 15	23 47	0 29	1 13	1 51	29 25	12 53	23 24	23 19	19 11			n.a.
M21	10 2	24 44	2 16	1 42	2 3	25 19	2 55	24 40	2 0	20 45	1 13	6 25	2 15	23 47	0 29	1 14	1 51	29 25	12 54	23 24	23 20	19 13			n.a.
T 22	10 24	24 50	1 16	1 38	2 10	25 29	2 56	24 33	1 59	20 44	1 13	6 28	2 15	23 46	0 29	1 15	1 51	29 25	12 54	23 25	23 20	19 15			n.a.
W23	10 46	23 46	0 13	1 40	2 16	25 39	2 58	24 27	1 58	20 43	1 13	6 30	2 15	23 46	0 29	1 16	1 51	29 25	12 55	23 25	23 20	19 17			n.a.
T 24	11 8	21 33	0n52	1 47	2 21	25 48	2 59	24 19	1 57	20 42	1 12	6 33	2 15	23 46	0 29	1 17	1 51	29 25	12 55	23 25	23 20	19 18			n.a.
F 25	11 30	18 14	1 57	1 58	2 23	25 57	3 0	24 12	1 55	20 41	1 12	6 36	2 15	23 46	0 29	1 17	1 51	29 25	12 55	23 25	23 21	19 20			n.a.
S 26	11 51	13 57	2 57	2 14	2 25	26 4	3 1	24 4	1 54	20 39	1 12	6 38	2 15	23 46	0 29	1 18	1 51	29 26	12 56	23 25	23 21	19 22			n.a.
S 27	12 13	8 51	3 50	2 33	2 25	26 11	3 2	23 57	1 53	20 38	1 12	6 41	2 15	23 46	0 29	1 19	1 51	29 26	12 56	23 25	23 21	19 24			n.a.
M28	12 34	3 7	4 31	2 55	2 24	26 18	3 2	23 49	1 51	20 37	1 12	6 43	2 15	23 46	0 29	1 20	1 51	29 26	12 57	23 25	23 21	19 25			n.a.
T 29	12 55	2n57	4 57	3 21	2 23	26 23	3 3	23 40	1 50	20 35	1 12	6 46	2 15	23 45	0 29	1 21	1 51	29 26	12 57	23 26	23 21	19 27			n.a.
W30	13 15	9 2	5 3	3 49	2 20	26 28	3 3	23 32	1 49	20 34	1 11	6 49	2 15	23 45	0 29	1 21	1 51	29 27	12 58	23 26	23 22	19 29			n.a.
T 31	13s36	14n41	4n49	4s18	2n17	26s33	3s 3	23s23	1s47	20s32	1s11	6s51	2n15	23s45	0s29	1s22	1n51	29n27	12n58	23s27	23s22	19s30			n.a.

Julian Day Number = 1714391.5, Delta T = 02h59m07s
Ecliptic obliquity = 23°41'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°19'41, Lahiri = - 4°12'40 Julian Calendar 1 Oct. 20 BCE == Greg. Calendar 29 Sept. 020 BCE

The year -19 astronomical counting style corresponds to year 020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 20 BCE
geocentric

NOVEMBER 20 BCE (-19) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 31 27	6♏49'13	11♉33	17♎21	23♐45	24♑12	4♒26	22♎52	10♑36	7♎42	13♌ 5	7°R54	9♑17	11♏20	n.a.	F 1
S 2	2 35 24	7°50'08	26°51	18°36	24°49	24°55	4°32	22°59	10°38	7°44	13° 5	7♑46	9°14	11°27	n.a.	S 2
S 3	2 39 20	8°51'06	11♊53	19°54	25°54	25°38	4°38	23° 6	10°40	7°46	13° 6	7°41	9°10	11°34	n.a.	S 3
M 4	2 43 17	9°52'04	26°34	21°14	26°58	26°21	4°44	23°13	10°42	7°48	13° 6	7°38	9° 7	11°41	n.a.	M 4
T 5	2 47 13	10°53'03	10♋47	22°36	28° 2	27° 3	4°51	23°20	10°44	7°50	13° 7	7°D38	9° 4	11°47	n.a.	T 5
W 6	2 51 10	11°54'04	24°32	24° 0	29° 6	27°46	4°58	23°26	10°46	7°52	13° 7	7°39	9° 1	11°54	n.a.	W 6
T 7	2 55 7	12°55'07	7♌51	25°25	0♑ 9	28°29	5° 5	23°33	10°48	7°53	13° 7	7°R39	8°58	12° 1	n.a.	T 7
F 8	2 59 3	13°56'10	20°46	26°51	1°12	29°12	5°12	23°40	10°51	7°55	13° 8	7°39	8°55	12° 7	n.a.	F 8
S 9	3 3 0	14°57'14	3♍22	28°18	2°15	29°55	5°19	23°47	10°53	7°57	13° 8	7°37	8°51	12°14	n.a.	S 9
S 10	3 6 56	15°58'20	15°42	29°45	3°17	0♒38	5°26	23°54	10°55	7°59	13° 8	7°33	8°48	12°21	n.a.	S 10
M11	3 10 53	16°59'27	27°51	1♏14	4°19	1°21	5°34	24° 0	10°58	8° 1	13° 8	7°27	8°45	12°27	n.a.	M11
T 12	3 14 49	18° 0'35	9♎52	2°43	5°21	2° 4	5°41	24° 7	11° 0	8° 3	13° 9	7°18	8°42	12°34	n.a.	T 12
W13	3 18 46	19° 1'43	21°47	4°12	6°22	2°47	5°49	24°14	11° 3	8° 5	13° 9	7° 8	8°39	12°41	n.a.	W13
T 14	3 22 42	20° 2'53	3♏39	5°42	7°23	3°30	5°57	24°20	11° 5	8° 6	13° 9	6°59	8°35	12°48	n.a.	T 14
F 15	3 26 39	21° 4'04	15°30	7°13	8°23	4°13	6° 5	24°27	11° 8	8° 8	13° 9	6°49	8°32	12°54	n.a.	F 15
S 16	3 30 36	22° 5'15	27°21	8°43	9°23	4°56	6°14	24°34	11°10	8°10	13° 9	6°41	8°29	13° 1	n.a.	S 16
S 17	3 34 32	23° 6'27	9♐13	10°14	10°23	5°39	6°22	24°40	11°13	8°12	13°R 9	6°36	8°26	13° 8	n.a.	S 17
M18	3 38 29	24° 7'39	21° 9	11°46	11°22	6°23	6°31	24°47	11°15	8°13	13° 9	6°32	8°23	13°14	n.a.	M18
T 19	3 42 25	25° 8'52	3♑11	13°17	12°21	7° 6	6°39	24°53	11°18	8°15	13° 9	6°D31	8°20	13°21	n.a.	T 19
W20	3 46 22	26°10'05	15°22	14°49	13°19	7°49	6°48	25° 0	11°21	8°17	13° 9	6°31	8°16	13°28	n.a.	W20
T 21	3 50 18	27°11'18	27°44	16°21	14°17	8°32	6°57	25° 6	11°23	8°18	13° 9	6°32	8°13	13°34	n.a.	T 21
F 22	3 54 15	28°12'32	10♒23	17°53	15°14	9°15	7° 6	25°12	11°26	8°20	13° 9	6°34	8°10	13°41	n.a.	F 22
S 23	3 58 12	29°13'46	23°21	19°26	16°11	9°58	7°15	25°19	11°29	8°22	13° 9	6°R35	8° 7	13°48	n.a.	S 23
S 24	4 2 8	0♐14'59	6♓42	20°58	17° 7	10°42	7°25	25°25	11°32	8°23	13° 8	6°35	8° 4	13°55	n.a.	S 24
M25	4 6 5	1°16'13	20°28	22°31	18° 2	11°25	7°34	25°31	11°35	8°25	13° 8	6°33	8° 0	14° 1	n.a.	M25
T 26	4 10 1	2°17'27	4♈42	24° 4	18°57	12° 8	7°44	25°37	11°38	8°26	13° 8	6°30	7°57	14° 8	n.a.	T 26
W27	4 13 58	3°18'41	19°20	25°38	19°52	12°51	7°54	25°44	11°40	8°28	13° 8	6°26	7°54	14°15	n.a.	W27
T 28	4 17 54	4°19'54	4♉19	27°11	20°45	13°34	8° 4	25°50	11°43	8°29	13° 7	6°21	7°51	14°21	n.a.	T 28
F 29	4 21 51	5°21'08	19°29	28°45	21°38	14°18	8°14	25°56	11°46	8°31	13° 7	6°16	7°48	14°28	n.a.	F 29
S 30	4 25 47	6♐22'22	4♊42	0♐19	22♑30	15♒ 1	8♒24	26♎ 2	11♑49	8♎32	13♌ 7	6♑13	7♑45	14♏35	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13 s56	19n28	4n13	4 s50	2n13	26 s36	3 s 4	23 s15	1 s46	20 s31	1 s11	6 s54	2n15	23 s45	0 s29	1 s23	1n51	29n27	12n59	23 s28	23 s22	19 s32		n.a.
S 2	14 16	22 54	3 20	5 23	2 9	26 39	3 4	23 6	1 45	20 29	1 11	6 56	2 15	23 45	0 29	1 24	1 51	29 27	12 59	23 28	23 22	19 34		n.a.
S 3	14 36	24 39	2 13	5 57	2 4	26 41	3 3	22 56	1 43	20 27	1 11	6 59	2 15	23 44	0 29	1 25	1 51	29 28	13 0	23 28	23 23	19 35		n.a.
M 4	14 56	24 38	0 59	6 32	1 59	26 43	3 3	22 47	1 42	20 26	1 11	7 1	2 15	23 44	0 29	1 25	1 51	29 28	13 0	23 28	23 23	19 37		n.a.
T 5	15 15	22 58	0 s17	7 8	1 53	26 44	3 3	22 37	1 41	20 24	1 11	7 4	2 15	23 44	0 29	1 26	1 51	29 28	13 1	23 29	23 23	19 39		n.a.
W 6	15 34	19 59	1 29	7 45	1 48	26 44	3 2	22 27	1 40	20 22	1 10	7 6	2 15	23 44	0 29	1 27	1 51	29 29	13 1	23 28	23 23	19 41		n.a.
T 7	15 53	16 1	2 35	8 22	1 41	26 43	3 1	22 17	1 38	20 20	1 10	7 9	2 15	23 44	0 29	1 28	1 51	29 29	13 1	23 28	23 23	19 42		n.a.
F 8	16 12	11 24	3 30	8 59	1 35	26 42	3 1	22 7	1 37	20 18	1 10	7 11	2 15	23 44	0 29	1 28	1 51	29 29	13 2	23 28	23 24	19 44		n.a.
S 9	16 30	6 26	4 14	9 36	1 29	26 40	2 59	21 57	1 36	20 16	1 10	7 14	2 15	23 43	0 29	1 29	1 52	29 30	13 2	23 29	23 24	19 45		n.a.
S 10	16 48	1 19	4 45	10 14	1 22	26 38	2 58	21 46	1 34	20 15	1 10	7 16	2 15	23 43	0 29	1 30	1 52	29 30	13 3	23 29	23 24	19 47		n.a.
M11	17 5	3 s45	5 2	10 51	1 15	26 34	2 57	21 35	1 33	20 12	1 10	7 19	2 16	23 43	0 29	1 30	1 52	29 30	13 3	23 29	23 24	19 49		n.a.
T 12	17 23	8 38	5 6	11 29	1 8	26 30	2 55	21 24	1 32	20 10	1 9	7 21	2 16	23 43	0 29	1 31	1 52	29 31	13 4	23 30	23 25	19 50		n.a.
W13	17 40	13 9	4 57	12 6	1 1	26 26	2 54	21 13	1 31	20 8	1 9	7 24	2 16	23 42	0 29	1 32	1 52	29 31	13 4	23 30	23 25	19 52		n.a.
T 14	17 57	17 10	4 34	12 43	0 54	26 21	2 52	21 2	1 29	20 6	1 9	7 26	2 16	23 42	0 29	1 32	1 52	29 32	13 5	23 31	23 25	19 54		n.a.
F 15	18 13	20 29	4 0	13 20	0 47	26 15	2 50	20 50	1 28	20 4	1 9	7 28	2 16	23 42	0 29	1 33	1 52	29 32	13 5	23 31	23 25	19 55		n.a.
S 16	18 29	22 57	3 16	13 56	0 40	26 9	2 47	20 38	1 27	20 2	1 9	7 31	2 16	23 42	0 29	1 34	1 52	29 32	13 6	23 32	23 25	19 57		n.a.
S 17	18 45	24 25	2 22	14 32	0 33	26 2	2 45	20 26	1 26	20 0	1 9	7 33	2 16	23 42	0 29	1 34	1 52	29 33	13 6	23 32	23 26	19 59		n.a.
M18	19 0	24 46	1 22	15 7	0 26	25 54	2 42	20 14	1 24	19 57	1 9	7 35	2 16	23 41	0 29	1 35	1 52	29 33	13 7	23 32	23 26	20 0		n.a.
T 19	19 15	23 58	0 18	15 42	0 19	25 46	2 39	20 2	1 23	19 55	1 9	7 38	2 16	23 41	0 29	1 36	1 52	29 34	13 7	23 32	23 26	20 2		n.a.
W20	19 30	22 0	0n48	16 16	0 12	25 37	2 36	19 50	1 22	19 53	1 8	7 40	2 16	23 41	0 29	1 36	1 52	29 34	13 8	23 32	23 26	20 3		n.a.
T 21	19 45	19 0	1 53	16 50	0 5	25 28	2 33	19 37	1 21	19 50	1 8	7 42	2 16	23 41	0 28	1 37	1 52	29 35	13 8	23 32	23 26	20 5		n.a.
F 22	19 59	15 2	2 54	17 23	0 s 2	25 18	2 30	19 24	1 19	19 48	1 8	7 45	2 16	23 40	0 28	1 38	1 52	29 35	13 8	23 32	23 27	20 6		n.a.
S 23	20 12	10 18	3 48	17 55	0 9	25 7	2 26	19 11	1 18	19 45	1 8	7 47	2 17	23 40	0 28	1 38	1 52	29 36	13 9	23 32	23 27	20 8		n.a.
S 24	20 25	4 58	4 31	18 27	0 16	24 56	2 22	18 58	1 17	19 43	1 8	7 49	2 17	23 40	0 28	1 39	1 52	29 36	13 9	23 32	23 27	20 10		n.a.
M25	20 38	0n46	5 0	18 57	0 22	24 45	2 18	18 45	1 16	19 40	1 8	7 51	2 17	23 40	0 28	1 39	1 52	29 37	13 10	23 32	23 27	20 11		n.a.
T 26	20 51	6 39	5 12	19 27	0 29	24 33	2 14	18 32	1 14	19 37	1 8	7 53	2 17	23 39	0 28	1 40	1 52	29 37	13 10	23 32	23 27	20 13		n.a.
W27	21 3	12 20	5 4	19 56	0 35	24 21	2 9	18 18	1 13	19 35	1 8	7 55	2 17	23 39	0 28	1 40	1 52	29 38	13 11	23 32	23 28	20 14		n.a.
T 28	21 14	17 25	4 36	20 25	0 41	24 8	2 5	18 5	1 12	19 32	1 7	7 58	2 17	23 39	0 28	1 41	1 52	29 38	13 11	23 33	23 28	20 16		n.a.
F 29	21 26	21 27	3 48	20 52	0 47	23 54	2 0	17 51	1 11	19 29	1 7	8 0	2 17	23 38	0 28	1 41	1 52	29 39	13 12	23 33	23 28	20 17		n.a.
S 30	21 s36	23n59	2n44	21 s18	0 s53	23 s41	1 s55	17 s37	1 s10	19 s26	1 s 7	8 s 2	2n17	23 s38	0 s28	1 s42	1n53	29n39	13n12	23 s33	23 s28	20 s19		n.a.

Julian Day Number = 1714422.5, Delta T = 02h59m06s
Ecliptic obliquity = 23°41'52, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°19'36, Lahiri = - 4°12'36 Julian Calendar 1 Nov. 20 BCE == Greg. Calendar 30 Oct. 020 BCE

The year -19 astronomical counting style corresponds to year 020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 20 BCE
geocentric

DECEMBER 20 BCE (-19) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 29 44	7♐23'36	19♊47	1♐53	23♑21	15♒44	8♒34	26♎ 8	11♑52	8♎33	13°R 6	6°R10	7♑41	14♏41	n.a.	S 1
M 2	4 33 41	8°24'50	4♋35	3°28	24°12	16°27	8°45	26°14	11°55	8°35	13♌ 6	6°D 9	7°38	14°48	n.a.	M 2
T 3	4 37 37	9°26'04	19° 0	5° 3	25° 2	17°10	8°55	26°19	11°59	8°36	13° 5	6♑10	7°35	14°55	n.a.	T 3
W 4	4 41 34	10°27'18	2♌57	6°38	25°51	17°54	9° 6	26°25	12° 2	8°37	13° 5	6°11	7°32	15° 2	n.a.	W 4
T 5	4 45 30	11°28'33	16°27	8°14	26°39	18°37	9°16	26°31	12° 5	8°39	13° 4	6°13	7°29	15° 8	n.a.	T 5
F 6	4 49 27	12°29'47	29°31	9°50	27°26	19°20	9°27	26°37	12° 8	8°40	13° 4	6°14	7°26	15°15	n.a.	F 6
S 7	4 53 23	13°31'02	12♍12	11°26	28°12	20° 3	9°38	26°42	12°11	8°41	13° 3	6°R15	7°22	15°22	n.a.	S 7
S 8	4 57 20	14°32'17	24°34	13° 3	28°57	20°46	9°49	26°48	12°14	8°42	13° 2	6°14	7°19	15°28	n.a.	S 8
M 9	5 1 16	15°33'31	6♎41	14°40	29°41	21°29	10° 0	26°53	12°17	8°43	13° 2	6°13	7°16	15°35	n.a.	M 9
T 10	5 5 13	16°34'46	18°39	16°17	0♒24	22°12	10°12	26°59	12°21	8°45	13° 1	6°11	7°13	15°42	n.a.	T 10
W11	5 9 10	17°36'01	0♏31	17°55	1° 6	22°56	10°23	27° 4	12°24	8°46	13° 0	6° 8	7°10	15°48	n.a.	W11
T 12	5 13 6	18°37'15	12°20	19°33	1°47	23°39	10°34	27° 9	12°27	8°47	13° 0	6° 5	7° 6	15°55	n.a.	T 12
F 13	5 17 3	19°38'30	24°11	21°12	2°27	24°22	10°46	27°15	12°30	8°48	12°59	6° 2	7° 3	16° 2	n.a.	F 13
S 14	5 20 59	20°39'44	6♐ 4	22°51	3° 5	25° 5	10°58	27°20	12°34	8°49	12°58	5°59	7° 0	16° 8	n.a.	S 14
S 15	5 24 56	21°40'57	18° 3	24°31	3°42	25°48	11° 9	27°25	12°37	8°50	12°57	5°58	6°57	16°15	n.a.	S 15
M16	5 28 52	22°42'10	0♑10	26°11	4°18	26°31	11°21	27°30	12°40	8°51	12°56	5°D57	6°54	16°22	n.a.	M16
T 17	5 32 49	23°43'23	12°25	27°52	4°52	27°14	11°33	27°35	12°44	8°51	12°55	5°57	6°51	16°29	n.a.	T 17
W18	5 36 46	24°44'35	24°50	29°33	5°25	27°57	11°45	27°40	12°47	8°52	12°55	5°58	6°47	16°35	n.a.	W18
T 19	5 40 42	25°45'46	7♒26	1♑14	5°56	28°40	11°57	27°45	12°51	8°53	12°54	5°59	6°44	16°42	n.a.	T 19
F 20	5 44 39	26°46'56	20°17	2°56	6°26	29°23	12° 9	27°49	12°54	8°54	12°53	6° 0	6°41	16°49	n.a.	F 20
S 21	5 48 35	27°48'05	3♓23	4°38	6°54	0♓ 6	12°22	27°54	12°57	8°55	12°52	6° 0	6°38	16°55	n.a.	S 21
S 22	5 52 32	28°49'13	16°46	6°21	7°20	0°49	12°34	27°59	13° 1	8°55	12°51	6° 1	6°35	17° 2	n.a.	S 22
M23	5 56 28	29°50'20	0♈27	8° 4	7°45	1°32	12°46	28° 3	13° 4	8°56	12°50	6°R 1	6°32	17° 9	n.a.	M23
T 24	6 0 25	0♑51'26	14°27	9°47	8° 7	2°15	12°59	28° 8	13° 8	8°57	12°49	6° 1	6°28	17°15	n.a.	T 24
W25	6 4 21	1°52'31	28°46	11°30	8°28	2°58	13°11	28°12	13°11	8°57	12°48	6° 1	6°25	17°22	n.a.	W25
T 26	6 8 18	2°53'35	13♉20	13°13	8°46	3°41	13°24	28°16	13°15	8°58	12°46	6° 0	6°22	17°29	n.a.	T 26
F 27	6 12 15	3°54'37	28° 6	14°56	9° 3	4°24	13°37	28°20	13°18	8°59	12°45	6° 0	6°19	17°35	n.a.	F 27
S 28	6 16 11	4°55'39	12♊56	16°39	9°17	5° 7	13°50	28°25	13°22	8°59	12°44	6° 0	6°16	17°42	n.a.	S 28
S 29	6 20 8	5°56'39	27°44	18°22	9°30	5°50	14° 2	28°29	13°25	9° 0	12°43	6°D 0	6°12	17°49	n.a.	S 29
M30	6 24 4	6°57'39	12♋22	20° 3	9°40	6°32	14°15	28°33	13°29	9° 0	12°42	6°R 0	6° 9	17°56	n.a.	M30
T 31	6 28 1	7♑58'37	26♋43	21♑44	9♒47	7♓15	14♒28	28♎37	13♑32	9♎ 1	12♌41	6♑ 0	6♑ 6	18♏ 2	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21s47	24n46	1n29	21s44	0s59	23s27	1s49	17s23	1s 9	19s24	1s 7	8s 4	2n17	23s38	0s28	1s42	1n53	29n40	13n13	23s33	23s28	20s20			n.a.
M 2	21 57	23 46	0 9	22 8	1 5	23 12	1 44	17 9	1 7	19 21	1 7	8 6	2 18	23 38	0 28	1 43	1 53	29 40	13 13	23 33	23 28	20 22			n.a.
T 3	22 6	21 11	1s10	22 31	1 10	22 57	1 38	16 54	1 6	19 18	1 7	8 8	2 18	23 37	0 28	1 43	1 53	29 41	13 13	23 33	23 29	20 23			n.a.
W 4	22 15	17 24	2 22	22 53	1 16	22 42	1 32	16 40	1 5	19 15	1 7	8 10	2 18	23 37	0 28	1 44	1 53	29 42	13 14	23 33	23 29	20 25			n.a.
T 5	22 24	12 50	3 24	23 14	1 21	22 27	1 25	16 25	1 4	19 12	1 7	8 12	2 18	23 37	0 28	1 44	1 53	29 42	13 14	23 33	23 29	20 27			n.a.
F 6	22 32	7 49	4 13	23 34	1 25	22 11	1 18	16 11	1 3	19 9	1 7	8 14	2 18	23 36	0 28	1 45	1 53	29 43	13 15	23 33	23 29	20 28			n.a.
S 7	22 40	2 38	4 48	23 53	1 30	21 55	1 12	15 56	1 2	19 6	1 6	8 16	2 18	23 36	0 28	1 45	1 53	29 43	13 15	23 33	23 29	20 30			n.a.
S 8	22 47	2s32	5 9	24 10	1 35	21 38	1 4	15 41	1 0	19 3	1 6	8 17	2 18	23 36	0 28	1 46	1 53	29 44	13 16	23 33	23 30	20 31			n.a.
M 9	22 54	7 30	5 15	24 26	1 39	21 22	0 57	15 26	0 59	19 0	1 6	8 19	2 18	23 36	0 28	1 46	1 53	29 45	13 16	23 33	23 30	20 32			n.a.
T 10	23 1	12 7	5 8	24 41	1 43	21 5	0 49	15 10	0 58	18 56	1 6	8 21	2 19	23 35	0 28	1 46	1 53	29 45	13 16	23 33	23 30	20 34			n.a.
W11	23 7	16 15	4 47	24 54	1 46	20 48	0 41	14 55	0 57	18 53	1 6	8 23	2 19	23 35	0 28	1 47	1 53	29 46	13 17	23 33	23 30	20 35			n.a.
T 12	23 12	19 44	4 15	25 6	1 50	20 31	0 33	14 40	0 56	18 50	1 6	8 25	2 19	23 35	0 28	1 47	1 53	29 46	13 17	23 33	23 30	20 37			n.a.
F 13	23 17	22 25	3 31	25 16	1 53	20 13	0 24	14 24	0 55	18 47	1 6	8 26	2 19	23 34	0 28	1 47	1 53	29 47	13 18	23 34	23 30	20 38			n.a.
S 14	23 22	24 9	2 38	25 25	1 55	19 56	0 16	14 8	0 54	18 43	1 6	8 28	2 19	23 34	0 28	1 48	1 53	29 48	13 18	23 34	23 31	20 40			n.a.
S 15	23 26	24 46	1 37	25 32	1 58	19 38	0 7	13 53	0 53	18 40	1 6	8 30	2 19	23 34	0 28	1 48	1 53	29 48	13 18	23 34	23 31	20 41			n.a.
M16	23 30	24 14	0 32	25 38	2 0	19 21	0n 3	13 37	0 51	18 37	1 6	8 32	2 20	23 33	0 28	1 48	1 54	29 49	13 19	23 34	23 31	20 43			n.a.
T 17	23 33	22 31	0n36	25 42	2 1	19 3	0 13	13 21	0 50	18 33	1 6	8 33	2 20	23 33	0 28	1 49	1 54	29 50	13 19	23 34	23 31	20 44			n.a.
W18	23 36	19 42	1 43	25 44	2 3	18 45	0 23	13 5	0 49	18 30	1 6	8 35	2 20	23 33	0 28	1 49	1 54	29 50	13 20	23 34	23 31	20 46			n.a.
T 19	23 38	15 56	2 46	25 45	2 3	18 28	0 33	12 49	0 48	18 26	1 5	8 36	2 20	23 32	0 28	1 49	1 54	29 51	13 20	23 34	23 31	20 47			n.a.
F 20	23 39	11 22	3 42	25 44	2 4	18 10	0 44	12 33	0 47	18 23	1 5	8 38	2 20	23 32	0 28	1 49	1 54	29 51	13 20	23 34	23 32	20 48			n.a.
S 21	23 41	6 13	4 28	25 41	2 4	17 52	0 54	12 16	0 46	18 19	1 5	8 39	2 20	23 32	0 28	1 50	1 54	29 52	13 21	23 34	23 32	20 50			n.a.
S 22	23 42	0 41	5 0	25 36	2 3	17 35	1 6	12 0	0 45	18 16	1 5	8 41	2 21	23 31	0 28	1 50	1 54	29 53	13 21	23 34	23 32	20 51			n.a.
M23	23 42	5n 0	5 16	25 29	2 2	17 17	1 17	11 44	0 44	18 12	1 5	8 42	2 21	23 31	0 28	1 50	1 54	29 53	13 21	23 34	23 32	20 53			n.a.
T 24	23 42	10 34	5 14	25 20	2 1	17 0	1 29	11 27	0 43	18 8	1 5	8 44	2 21	23 31	0 28	1 50	1 54	29 54	13 22	23 34	23 32	20 54			n.a.
W25	23 41	15 42	4 53	25 10	1 59	16 43	1 41	11 10	0 42	18 5	1 5	8 45	2 21	23 30	0 28	1 51	1 54	29 55	13 22	23 34	23 32	20 55			n.a.
T 26	23 40	20 1	4 13	24 57	1 56	16 26	1 53	10 54	0 41	18 1	1 5	8 47	2 21	23 30	0 28	1 51	1 54	29 55	13 23	23 34	23 33	20 57			n.a.
F 27	23 38	23 7	3 15	24 43	1 53	16 10	2 6	10 37	0 40	17 57	1 5	8 48	2 21	23 30	0 28	1 51	1 54	29 56	13 23	23 34	23 33	20 58			n.a.
S 28	23 36	24 39	2 5	24 27	1 49	15 54	2 19	10 20	0 39	17 53	1 5	8 49	2 22	23 29	0 28	1 51	1 54	29 57	13 23	23 34	23 33	21 0			n.a.
S 29	23 34	24 26	0 46	24 8	1 44	15 38	2 32	10 3	0 38	17 49	1 5	8 50	2 22	23 29	0 28	1 51	1 54	29 57	13 24	23 34	23 33	21 1			n.a.
M30	23 31	22 32	0s35	23 48	1 39	15 22	2 45	9 46	0 37	17 46	1 5	8 52	2 22	23 29	0 28	1 51	1 54	29 58	13 24	23 34	23 33	21 2			n.a.
T 31	23s27	19n12	1s53	23s27	1s32	15s 7	2n59	9s29	0s36	17s42	1s 5	8s53	2n22	23s28	0s28	1s51	1n55	29n59	13n24	23s34	23s33	21s 4			n.a.

Julian Day Number = 1714452.5, Delta T = 02h59m05s
Ecliptic obliquity = 23°41'51, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°19'32, Lahiri = - 4°12'32 Julian Calendar 1 Dec. 20 BCE == Greg. Calendar 29 Nov. 020 BCE

The year -19 astronomical counting style corresponds to year 020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 19 BCE
geocentric

JANUARY 19 BCE (-18) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 31 57	8♉59'34	10♌44	23♉24	9♒53	7♓58	14♒41	28♎40	13♉36	9♎ 1	12°R39	5°R59	6♉ 3	18♏ 9	n.a.	W 1
T 2	6 35 54	10° 0'30	24°20	25° 3	9°56	8°41	14°55	28°44	13°39	9° 1	12♌38	5♉59	6° 0	18°16	n.a.	T 2
F 3	6 39 50	11° 1'25	7♍31	26°39	9°R56	9°23	15° 8	28°48	13°43	9° 2	12°37	5°58	5°57	18°22	n.a.	F 3
S 4	6 43 47	12° 2'19	20°19	28°14	9°54	10° 6	15°21	28°51	13°46	9° 2	12°36	5°58	5°53	18°29	n.a.	S 4
S 5	6 47 44	13° 3'12	2♎46	29°45	9°50	10°49	15°34	28°55	13°50	9° 2	12°34	5°57	5°50	18°36	n.a.	S 5
M 6	6 51 40	14° 4'05	14°57	1♒13	9°43	11°31	15°48	28°58	13°53	9° 2	12°33	5°D57	5°47	18°42	n.a.	M 6
T 7	6 55 37	15° 4'56	26°56	2°37	9°33	12°14	16° 1	29° 1	13°57	9° 3	12°32	5°57	5°44	18°49	n.a.	T 7
W 8	6 59 33	16° 5'46	8♏48	3°57	9°21	12°56	16°15	29° 5	14° 0	9° 3	12°30	5°58	5°41	18°56	n.a.	W 8
T 9	7 3 30	17° 6'35	20°37	5°11	9° 6	13°39	16°28	29° 8	14° 4	9° 3	12°29	5°59	5°38	19° 2	n.a.	T 9
F 10	7 7 26	18° 7'23	2♐28	6°19	8°49	14°22	16°42	29°11	14° 7	9° 3	12°28	6° 0	5°34	19° 9	n.a.	F 10
S 11	7 11 23	19° 8'10	14°25	7°20	8°30	15° 4	16°55	29°14	14°11	9° 3	12°26	6° 2	5°31	19°16	n.a.	S 11
S 12	7 15 20	20° 8'55	26°31	8°14	8° 8	15°47	17° 9	29°17	14°14	9°R 3	12°25	6° 2	5°28	19°22	n.a.	S 12
M13	7 19 16	21° 9'39	8♑49	9° 0	7°44	16°29	17°23	29°19	14°18	9° 3	12°23	6°R 3	5°25	19°29	n.a.	M13
T 14	7 23 13	22°10'22	21°20	9°36	7°18	17°11	17°37	29°22	14°21	9° 3	12°22	6° 2	5°22	19°36	n.a.	T 14
W15	7 27 9	23°11'03	4♒ 4	10° 3	6°50	17°54	17°50	29°25	14°25	9° 3	12°21	6° 1	5°18	19°43	n.a.	W15
T 16	7 31 6	24°11'42	17° 3	10°20	6°20	18°36	18° 4	29°27	14°28	9° 3	12°19	5°58	5°15	19°49	n.a.	T 16
F 17	7 35 2	25°12'20	0♓16	10°R26	5°48	19°19	18°18	29°29	14°32	9° 3	12°18	5°55	5°12	19°56	n.a.	F 17
S 18	7 38 59	26°12'56	13°42	10°22	5°15	20° 1	18°32	29°32	14°35	9° 2	12°16	5°52	5° 9	20° 3	n.a.	S 18
S 19	7 42 55	27°13'30	27°21	10° 7	4°40	20°43	18°46	29°34	14°38	9° 2	12°15	5°50	5° 6	20° 9	n.a.	S 19
M20	7 46 52	28°14'02	11♈10	9°43	4° 4	21°26	19° 0	29°36	14°42	9° 2	12°13	5°48	5° 3	20°16	n.a.	M20
T 21	7 50 48	29°14'32	25° 9	9° 9	3°28	22° 8	19°14	29°38	14°45	9° 2	12°12	5°D47	4°59	20°23	n.a.	T 21
W22	7 54 45	0♒15'00	9♉17	8°26	2°51	22°50	19°28	29°40	14°49	9° 1	12°10	5°47	4°56	20°29	n.a.	W22
T 23	7 58 42	1°15'26	23°31	7°36	2°13	23°32	19°42	29°42	14°52	9° 1	12° 9	5°48	4°53	20°36	n.a.	T 23
F 24	8 2 38	2°15'50	7♊51	6°39	1°35	24°14	19°56	29°43	14°56	9° 1	12° 7	5°50	4°50	20°43	n.a.	F 24
S 25	8 6 35	3°16'12	22°12	5°38	0°58	24°56	20°11	29°45	14°59	9° 0	12° 6	5°51	4°47	20°49	n.a.	S 25
S 26	8 10 31	4°16'32	6♋32	4°34	0°21	25°38	20°25	29°46	15° 2	9° 0	12° 4	5°R51	4°44	20°56	n.a.	S 26
M27	8 14 28	5°16'50	20°45	3°29	29♉44	26°20	20°39	29°48	15° 6	8°59	12° 2	5°51	4°40	21° 3	n.a.	M27
T 28	8 18 24	6°17'06	4♌48	2°24	29° 9	27° 2	20°53	29°49	15° 9	8°59	12° 1	5°48	4°37	21° 9	n.a.	T 28
W29	8 22 21	7°17'20	18°36	1°21	28°34	27°44	21° 8	29°50	15°12	8°58	11°59	5°44	4°34	21°16	n.a.	W29
T 30	8 26 18	8°17'33	2♍ 6	0°21	28° 1	28°26	21°22	29°51	15°16	8°58	11°58	5°39	4°31	21°23	n.a.	T 30
F 31	8 30 14	9♒17'43	15♍16	29♉25	27♉30	29♓ 8	21♒36	29♎52	15♉19	8♎57	11♌56	5♉34	4♉28	21♏30	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
W 1	23 s23	14n50	3 s 1	23 s 3	1 s26	14 s52	3n13	9 s12	0 s35	17 s38	1 s 5	8 s54	2n22	23 s28	0 s28	1 s52	1n55	29n59	13n24	23 s34	23 s33	21 s 5			n.a.
T 2	23 19	9 49	3 57	22 38	1 18	14 38	3 27	8 55	0 34	17 34	1 5	8 55	2 23	23 28	0 28	1 52	1 55	30 0	13 25	23 34	23 34	21 6			n.a.
F 3	23 14	4 32	4 39	22 11	1 9	14 24	3 41	8 38	0 33	17 30	1 5	8 56	2 23	23 27	0 28	1 52	1 55	30 1	13 25	23 34	23 34	21 8			n.a.
S 4	23 9	0 s48	5 6	21 43	1 0	14 11	3 55	8 21	0 32	17 26	1 4	8 57	2 23	23 27	0 28	1 52	1 55	30 1	13 25	23 34	23 34	21 9			n.a.
S 5	23 3	5 57	5 17	21 14	0 50	13 58	4 10	8 4	0 31	17 22	1 4	8 59	2 23	23 26	0 28	1 52	1 55	30 2	13 26	23 34	23 34	21 10			n.a.
M 6	22 57	10 45	5 13	20 44	0 39	13 46	4 24	7 46	0 30	17 18	1 4	9 0	2 23	23 26	0 28	1 52	1 55	30 3	13 26	23 34	23 34	21 12			n.a.
T 7	22 50	15 5	4 56	20 13	0 27	13 35	4 38	7 29	0 29	17 14	1 4	9 1	2 24	23 26	0 28	1 52	1 55	30 3	13 26	23 34	23 34	21 13			n.a.
W 8	22 43	18 47	4 27	19 42	0 14	13 24	4 53	7 12	0 28	17 10	1 4	9 1	2 24	23 25	0 28	1 52	1 55	30 4	13 26	23 34	23 34	21 14			n.a.
T 9	22 35	21 43	3 46	19 11	0 0	13 14	5 7	6 54	0 27	17 5	1 4	9 2	2 24	23 25	0 28	1 52	1 55	30 5	13 27	23 34	23 35	21 16			n.a.
F 10	22 27	23 45	2 56	18 40	0n14	13 4	5 22	6 37	0 26	17 1	1 4	9 3	2 24	23 25	0 28	1 52	1 55	30 5	13 27	23 34	23 35	21 17			n.a.
S 11	22 19	24 43	1 57	18 10	0 30	12 56	5 36	6 20	0 25	16 57	1 4	9 4	2 24	23 24	0 28	1 52	1 55	30 6	13 27	23 34	23 35	21 18			n.a.
S 12	22 10	24 32	0 52	17 40	0 45	12 48	5 50	6 2	0 24	16 53	1 4	9 5	2 25	23 24	0 28	1 52	1 55	30 7	13 27	23 33	23 35	21 20			n.a.
M13	22 1	23 9	0n15	17 13	1 2	12 41	6 3	5 45	0 23	16 49	1 4	9 6	2 25	23 24	0 28	1 52	1 55	30 7	13 28	23 33	23 35	21 21			n.a.
T 14	21 51	20 37	1 24	16 47	1 18	12 35	6 16	5 27	0 22	16 44	1 4	9 6	2 25	23 23	0 28	1 52	1 55	30 8	13 28	23 33	23 35	21 22			n.a.
W15	21 41	17 2	2 29	16 23	1 35	12 29	6 29	5 9	0 21	16 40	1 4	9 7	2 25	23 23	0 28	1 51	1 56	30 9	13 28	23 34	23 35	21 23			n.a.
T 16	21 30	12 36	3 28	16 3	1 52	12 24	6 42	4 52	0 20	16 36	1 4	9 8	2 26	23 22	0 28	1 51	1 56	30 9	13 28	23 34	23 36	21 25			n.a.
F 17	21 19	7 30	4 16	15 45	2 9	12 21	6 53	4 34	0 19	16 31	1 4	9 8	2 26	23 22	0 28	1 51	1 56	30 10	13 29	23 34	23 36	21 26			n.a.
S 18	21 8	1 59	4 52	15 30	2 25	12 18	7 5	4 17	0 18	16 27	1 4	9 9	2 26	23 22	0 28	1 51	1 56	30 11	13 29	23 34	23 36	21 27			n.a.
S 19	20 56	3n41	5 11	15 19	2 41	12 16	7 15	3 59	0 18	16 22	1 4	9 10	2 26	23 21	0 29	1 51	1 56	30 11	13 29	23 34	23 36	21 28			n.a.
M20	20 44	9 15	5 13	15 12	2 55	12 14	7 25	3 41	0 17	16 18	1 4	9 10	2 26	23 21	0 29	1 51	1 56	30 12	13 29	23 34	23 36	21 30			n.a.
T 21	20 32	14 26	4 57	15 8	3 9	12 14	7 34	3 24	0 16	16 14	1 4	9 11	2 27	23 21	0 29	1 51	1 56	30 12	13 29	23 34	23 36	21 31			n.a.
W22	20 19	18 53	4 23	15 7	3 21	12 14	7 42	3 6	0 15	16 9	1 4	9 11	2 27	23 20	0 29	1 50	1 56	30 13	13 29	23 34	23 36	21 32			n.a.
T 23	20 6	22 16	3 32	15 10	3 31	12 15	7 49	2 48	0 14	16 5	1 4	9 12	2 27	23 20	0 29	1 50	1 56	30 14	13 30	23 34	23 36	21 33			n.a.
F 24	19 52	24 17	2 28	15 17	3 39	12 17	7 56	2 31	0 13	16 0	1 4	9 12	2 27	23 19	0 29	1 50	1 56	30 14	13 30	23 34	23 36	21 35			n.a.
S 25	19 38	24 42	1 14	15 26	3 45	12 20	8 1	2 13	0 12	15 56	1 4	9 12	2 28	23 19	0 29	1 50	1 56	30 15	13 30	23 34	23 37	21 36			n.a.
S 26	19 24	23 28	0 s 4	15 37	3 49	12 23	8 6	1 55	0 11	15 51	1 4	9 13	2 28	23 19	0 29	1 50	1 56	30 15	13 30	23 34	23 37	21 37			n.a.
M27	19 9	20 45	1 21	15 51	3 50	12 27	8 10	1 38	0 11	15 46	1 4	9 13	2 28	23 18	0 29	1 49	1 56	30 16	13 30	23 34	23 37	21 38			n.a.
T 28	18 54	16 49	2 32	16 7	3 49	12 31	8 12	1 20	0 10	15 42	1 4	9 13	2 28	23 18	0 29	1 49	1 56	30 17	13 30	23 34	23 37	21 39			n.a.
W29	18 39	12 3	3 33	16 23	3 47	12 36	8 14	1 3	0 9	15 37	1 4	9 13	2 28	23 18	0 29	1 49	1 56	30 17	13 30	23 34	23 37	21 41			n.a.
T 30	18 23	6 48	4 20	16 41	3 42	12 42	8 15	0 45	0 8	15 33	1 4	9 13	2 29	23 17	0 29	1 48	1 57	30 18	13 31	23 35	23 37	21 42			n.a.
F 31	18 s 7	1n23	4 s52	16 s59	3n35	12 s48	8n15	0 s27	0 s 7	15 s28	1 s 4	9 s14	2n29	23 s17	0 s29	1 s48	1n57	30n18	13n31	23 s35	23 s37	21 s43			n.a.

Julian Day Number = 1714483.5, Delta T = 02h59m04s
Ecliptic obliquity = 23°41'51, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°19'28, Lahiri = - 4°12'28 Julian Calendar 1 Jan. 19 BCE == Greg. Calendar 30 Dec. 020 BCE

The year -18 astronomical counting style corresponds to year 019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 19 BCE
geocentric

FEBRUARY 19 BCE (-18) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 34 11	10♒17'52	28♍ 5	28°R34	27°R 0	29♓50	21♒50	29♎53	15♑22	8°R56	11°R55	5°R28	4♑24	21♏36	n.a.	S 1
S 2	8 38 7	11°17'59	10♎35	27♑49	26♑32	0♈32	22° 5	29°54	15°25	8♎56	11♌53	5♑23	4°21	21°43	n.a.	S 2
M 3	8 42 4	12°18'04	22°48	27°11	26° 6	1°14	22°19	29°55	15°29	8°55	11°52	5°19	4°18	21°50	n.a.	M 3
T 4	8 46 0	13°18'08	4♏49	26°39	25°43	1°56	22°34	29°55	15°32	8°54	11°50	5°17	4°15	21°56	n.a.	T 4
W 5	8 49 57	14°18'10	16°42	26°15	25°21	2°37	22°48	29°56	15°35	8°54	11°48	5°D17	4°12	22° 3	n.a.	W 5
T 6	8 53 53	15°18'10	28°32	25°57	25° 3	3°19	23° 2	29°56	15°38	8°53	11°47	5°18	4° 9	22°10	n.a.	T 6
F 7	8 57 50	16°18'09	10♐24	25°46	24°46	4° 1	23°17	29°57	15°41	8°52	11°45	5°19	4° 5	22°16	n.a.	F 7
S 8	9 1 46	17°18'06	22°23	25°D42	24°32	4°42	23°31	29°57	15°44	8°51	11°44	5°21	4° 2	22°23	n.a.	S 8
S 9	9 5 43	18°18'01	4♑33	25°44	24°20	5°24	23°46	29°R57	15°48	8°50	11°42	5°R22	3°59	22°30	n.a.	S 9
M10	9 9 40	19°17'54	16°59	25°52	24°11	6° 6	24° 0	29°57	15°51	8°49	11°41	5°21	3°56	22°36	n.a.	M10
T 11	9 13 36	20°17'45	29°43	26° 5	24° 5	6°47	24°15	29°57	15°54	8°48	11°39	5°18	3°53	22°43	n.a.	T 11
W12	9 17 33	21°17'34	12♒47	26°24	24° 0	7°29	24°29	29°56	15°57	8°48	11°38	5°13	3°50	22°50	n.a.	W12
T 13	9 21 29	22°17'22	26° 9	26°49	23°D59	8°10	24°44	29°56	16° 0	8°47	11°36	5° 7	3°46	22°56	n.a.	T 13
F 14	9 25 26	23°17'07	9♓48	27°18	23°59	8°52	24°58	29°56	16° 3	8°46	11°35	4°59	3°43	23° 3	n.a.	F 14
S 15	9 29 22	24°16'49	23°42	27°51	24° 2	9°33	25°13	29°55	16° 6	8°45	11°33	4°50	3°40	23°10	n.a.	S 15
S 16	9 33 19	25°16'30	7♈46	28°29	24° 8	10°14	25°27	29°55	16° 9	8°43	11°32	4°43	3°37	23°16	n.a.	S 16
M17	9 37 15	26°16'08	21°55	29°11	24°15	10°56	25°42	29°54	16°11	8°42	11°30	4°36	3°34	23°23	n.a.	M17
T 18	9 41 12	27°15'44	6♉ 7	29°56	24°25	11°37	25°56	29°53	16°14	8°41	11°29	4°32	3°30	23°30	n.a.	T 18
W19	9 45 9	28°15'18	20°18	0♒45	24°37	12°18	26°11	29°52	16°17	8°40	11°27	4°30	3°27	23°36	n.a.	W19
T 20	9 49 5	29°14'49	4♊26	1°37	24°51	13° 0	26°25	29°51	16°20	8°39	11°26	4°D30	3°24	23°43	n.a.	T 20
F 21	9 53 2	0♓14'18	18°30	2°32	25° 7	13°41	26°39	29°50	16°23	8°38	11°24	4°31	3°21	23°50	n.a.	F 21
S 22	9 56 58	1°13'44	2♋29	3°30	25°25	14°22	26°54	29°49	16°25	8°37	11°23	4°R31	3°18	23°56	n.a.	S 22
S 23	10 0 55	2°13'08	16°22	4°31	25°45	15° 3	27° 8	29°47	16°28	8°35	11°21	4°31	3°15	24° 3	n.a.	S 23
M24	10 4 51	3°12'30	0♌ 8	5°34	26° 7	15°44	27°23	29°46	16°31	8°34	11°20	4°28	3°11	24°10	n.a.	M24
T 25	10 8 48	4°11'49	13°45	6°40	26°30	16°25	27°37	29°45	16°34	8°33	11°18	4°23	3° 8	24°16	n.a.	T 25
W26	10 12 44	5°11'06	27°10	7°48	26°56	17° 6	27°52	29°43	16°36	8°32	11°17	4°15	3° 5	24°23	n.a.	W26
T 27	10 16 41	6°10'20	10♍23	8°59	27°23	17°47	28° 6	29°41	16°39	8°30	11°16	4° 5	3° 2	24°30	n.a.	T 27
F 28	10 20 38	7♓ 9'33	23♍20	10♒11	27♑51	18♈28	28♒20	29♎39	16♑41	8♎29	11♌14	3♑54	2♑59	24♏37	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s51	3s57	5s 9	17s18	3n27	12s54	8n14	0s10	0s 6	15s23	1s 4	9s14	2n29	23s17	0s29	1s48	1n57	30n19	13n31	23s35	23s37	21s44		n.a.
S 2	17 34	8 59	5 10	17 36	3 17	13 1	8 12	0n 8	0 6	15 18	1 4	9 14	2 29	23 16	0 29	1 48	1 57	30 19	13 31	23 35	23 37	21 45		n.a.
M 3	17 18	13 33	4 57	17 54	3 7	13 8	8 10	0 25	0 5	15 14	1 4	9 14	2 30	23 16	0 29	1 47	1 57	30 20	13 31	23 35	23 38	21 46		n.a.
T 4	17 0	17 31	4 31	18 11	2 55	13 16	8 6	0 43	0 4	15 9	1 4	9 14	2 30	23 15	0 29	1 47	1 57	30 21	13 31	23 35	23 38	21 48		n.a.
W 5	16 43	20 44	3 54	18 28	2 43	13 23	8 2	1 0	0 3	15 4	1 4	9 14	2 30	23 15	0 29	1 46	1 57	30 21	13 31	23 35	23 38	21 49		n.a.
T 6	16 25	23 5	3 7	18 44	2 30	13 31	7 58	1 18	0 2	15 0	1 4	9 14	2 30	23 15	0 29	1 46	1 57	30 22	13 31	23 35	23 38	21 50		n.a.
F 7	16 7	24 25	2 12	18 59	2 17	13 39	7 53	1 35	0 2	14 55	1 4	9 14	2 30	23 14	0 29	1 46	1 57	30 22	13 31	23 35	23 38	21 51		n.a.
S 8	15 49	24 38	1 10	19 13	2 3	13 47	7 47	1 53	0 1	14 50	1 4	9 13	2 31	23 14	0 29	1 45	1 57	30 23	13 31	23 35	23 38	21 52		n.a.
S 9	15 30	23 41	0 4	19 26	1 50	13 55	7 41	2 10	0 0	14 45	1 4	9 13	2 31	23 14	0 29	1 45	1 57	30 23	13 31	23 35	23 38	21 53		n.a.
M10	15 12	21 34	1n 3	19 38	1 36	14 3	7 34	2 27	0n 1	14 40	1 4	9 13	2 31	23 13	0 29	1 45	1 57	30 24	13 31	23 35	23 38	21 54		n.a.
T 11	14 53	18 21	2 8	19 48	1 23	14 12	7 27	2 45	0 2	14 35	1 4	9 13	2 31	23 13	0 29	1 44	1 57	30 24	13 31	23 35	23 38	21 55		n.a.
W12	14 33	14 9	3 8	19 58	1 10	14 20	7 19	3 2	0 2	14 31	1 4	9 13	2 32	23 13	0 29	1 44	1 57	30 25	13 31	23 36	23 38	21 57		n.a.
T 13	14 14	9 11	3 59	20 6	0 57	14 28	7 11	3 19	0 3	14 26	1 4	9 12	2 32	23 12	0 29	1 43	1 57	30 25	13 31	23 36	23 39	21 58		n.a.
F 14	13 54	3 41	4 38	20 13	0 44	14 36	7 3	3 36	0 4	14 21	1 4	9 12	2 32	23 12	0 29	1 43	1 57	30 25	13 31	23 36	23 39	21 59		n.a.
S 15	13 34	2n 4	5 1	20 18	0 31	14 44	6 55	3 54	0 5	14 16	1 4	9 11	2 32	23 12	0 29	1 42	1 57	30 26	13 31	23 36	23 39	22 0		n.a.
S 16	13 14	7 47	5 6	20 22	0 19	14 51	6 46	4 11	0 5	14 11	1 4	9 11	2 32	23 11	0 29	1 42	1 57	30 26	13 31	23 37	23 39	22 1		n.a.
M17	12 54	13 9	4 53	20 25	0 8	14 59	6 37	4 28	0 6	14 6	1 4	9 11	2 33	23 11	0 29	1 41	1 58	30 27	13 31	23 37	23 39	22 2		n.a.
T 18	12 33	17 49	4 22	20 27	0s 4	15 6	6 28	4 45	0 7	14 1	1 5	9 10	2 33	23 11	0 29	1 41	1 58	30 27	13 31	23 37	23 39	22 3		n.a.
W19	12 12	21 27	3 34	20 27	0 15	15 13	6 19	5 2	0 7	13 56	1 5	9 10	2 33	23 10	0 29	1 40	1 58	30 28	13 31	23 37	23 39	22 4		n.a.
T 20	11 52	23 47	2 34	20 25	0 25	15 20	6 10	5 19	0 8	13 51	1 5	9 9	2 33	23 10	0 29	1 40	1 58	30 28	13 31	23 37	23 39	22 5		n.a.
F 21	11 30	24 36	1 25	20 23	0 35	15 26	6 0	5 35	0 9	13 46	1 5	9 8	2 34	23 10	0 29	1 39	1 58	30 28	13 31	23 37	23 39	22 6		n.a.
S 22	11 9	23 51	0 11	20 19	0 45	15 32	5 51	5 52	0 10	13 41	1 5	9 8	2 34	23 9	0 29	1 39	1 58	30 29	13 31	23 37	23 39	22 7		n.a.
S 23	10 48	21 38	1s 3	20 13	0 54	15 38	5 41	6 9	0 10	13 37	1 5	9 7	2 34	23 9	0 29	1 38	1 58	30 29	13 31	23 37	23 39	22 8		n.a.
M24	10 26	18 11	2 13	20 6	1 3	15 43	5 32	6 26	0 11	13 32	1 5	9 6	2 34	23 9	0 29	1 38	1 58	30 29	13 31	23 37	23 40	22 9		n.a.
T 25	10 5	13 47	3 14	19 57	1 12	15 49	5 22	6 42	0 12	13 27	1 5	9 6	2 34	23 8	0 29	1 37	1 58	30 30	13 31	23 37	23 40	22 10		n.a.
W26	9 43	8 47	4 3	19 48	1 19	15 53	5 12	6 59	0 12	13 22	1 5	9 5	2 35	23 8	0 29	1 37	1 58	30 30	13 31	23 38	23 40	22 11		n.a.
T 27	9 21	3 28	4 38	19 36	1 27	15 58	5 3	7 15	0 13	13 17	1 5	9 4	2 35	23 8	0 29	1 36	1 58	30 30	13 30	23 38	23 40	22 12		n.a.
F 28	8s59	1s53	4s58	19s23	1s34	16s 1	4n53	7n32	0n14	13s12	1s 5	9s 3	2n35	23s 8	0s29	1s36	1n58	30n31	13n30	23s38	23s40	22s13		n.a.

Julian Day Number = 1714514.5, Delta T = 02h59m03s
Ecliptic obliquity = 23°41'51, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°19'24, Lahiri = - 4°12'23 Julian Calendar 1 Feb. 19 BCE == Greg. Calendar 30 Jan. 019 BCE

The year -18 astronomical counting style corresponds to year 019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 19 BCE
geocentric

MARCH 19 BCE (-18) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 24 34	8♓ 8'43	6♎ 2	11♒26	28♑21	19♈ 9	28♒35	29°R38	16♑44	8°R28	11°R13	3°R42	2♑56	24♏43	n.a.	S 1
S 2	10 28 31	9° 7'52	18°28	12°43	28°53	19°50	28°49	29♎36	16°46	8♎26	11♌11	3♑32	2°52	24°50	n.a.	S 2
M 3	10 32 27	10° 6'58	0♏39	14° 1	29°26	20°31	29° 4	29°34	16°49	8°25	11°10	3°23	2°49	24°57	n.a.	M 3
T 4	10 36 24	11° 6'03	12°40	15°21	29°59	21°12	29°18	29°31	16°51	8°24	11° 9	3°17	2°46	25° 3	n.a.	T 4
W 5	10 40 20	12° 5'06	24°32	16°44	0♒36	21°53	29°32	29°29	16°53	8°22	11° 8	3°13	2°43	25°10	n.a.	W 5
T 6	10 44 17	13° 4'07	6♐21	18° 7	1°12	22°33	29°46	29°27	16°56	8°21	11° 6	3°12	2°40	25°17	n.a.	T 6
F 7	10 48 13	14° 3'06	18°13	19°33	1°51	23°14	0♓ 1	29°25	16°58	8°19	11° 5	3°D11	2°36	25°23	n.a.	F 7
S 8	10 52 10	15° 2'03	0♑11	21° 0	2°30	23°55	0°15	29°22	17° 0	8°18	11° 4	3°R12	2°33	25°30	n.a.	S 8
S 9	10 56 6	16° 0'59	12°23	22°29	3°10	24°35	0°29	29°20	17° 2	8°16	11° 3	3°12	2°30	25°37	n.a.	S 9
M10	11 0 3	16°59'52	24°52	24° 0	3°52	25°16	0°43	29°17	17° 5	8°15	11° 1	3°10	2°27	25°43	n.a.	M10
T 11	11 4 0	17°58'44	7♒43	25°32	4°34	25°57	0°58	29°14	17° 7	8°13	11° 0	3° 5	2°24	25°50	n.a.	T 11
W12	11 7 56	18°57'33	20°58	27° 5	5°18	26°37	1°12	29°11	17° 9	8°12	10°59	2°58	2°21	25°57	n.a.	W12
T 13	11 11 53	19°56'21	4♓38	28°41	6° 2	27°18	1°26	29° 8	17°11	8°10	10°58	2°49	2°17	26° 3	n.a.	T 13
F 14	11 15 49	20°55'07	18°39	0♓18	6°47	27°58	1°40	29° 6	17°13	8° 9	10°57	2°38	2°14	26°10	n.a.	F 14
S 15	11 19 46	21°53'50	2♈59	1°56	7°33	28°39	1°54	29° 3	17°15	8° 7	10°56	2°26	2°11	26°17	n.a.	S 15
S 16	11 23 42	22°52'32	17°30	3°36	8°20	29°19	2° 8	28°59	17°17	8° 6	10°54	2°15	2° 8	26°23	n.a.	S 16
M17	11 27 39	23°51'11	2♉ 6	5°17	9° 8	29°59	2°22	28°56	17°19	8° 4	10°53	2° 6	2° 5	26°30	n.a.	M17
T 18	11 31 35	24°49'49	16°39	7° 1	9°57	0♉40	2°36	28°53	17°20	8° 3	10°52	1°59	2° 1	26°37	n.a.	T 18
W19	11 35 32	25°48'24	1♊ 5	8°45	10°46	1°20	2°50	28°50	17°22	8° 1	10°51	1°55	1°58	26°43	n.a.	W19
T 20	11 39 29	26°46'56	15°20	10°32	11°36	2° 1	3° 4	28°46	17°24	7°59	10°50	1°54	1°55	26°50	n.a.	T 20
F 21	11 43 25	27°45'27	29°22	12°20	12°27	2°41	3°17	28°43	17°26	7°58	10°49	1°54	1°52	26°57	n.a.	F 21
S 22	11 47 22	28°43'55	13♋11	14° 9	13°18	3°21	3°31	28°39	17°27	7°56	10°48	1°54	1°49	27° 3	n.a.	S 22
S 23	11 51 18	29°42'21	26°48	16° 0	14°10	4° 1	3°45	28°36	17°29	7°55	10°48	1°52	1°46	27°10	n.a.	S 23
M24	11 55 15	0♈40'44	10♌13	17°53	15° 3	4°42	3°59	28°32	17°31	7°53	10°47	1°48	1°42	27°17	n.a.	M24
T 25	11 59 11	1°39'05	23°27	19°47	15°56	5°22	4°12	28°28	17°32	7°51	10°46	1°42	1°39	27°23	n.a.	T 25
W26	12 3 8	2°37'25	6♍30	21°43	16°49	6° 2	4°26	28°25	17°34	7°50	10°45	1°32	1°36	27°30	n.a.	W26
T 27	12 7 4	3°35'42	19°21	23°41	17°44	6°42	4°39	28°21	17°35	7°48	10°44	1°21	1°33	27°37	n.a.	T 27
F 28	12 11 1	4°33'57	2♎ 1	25°40	18°39	7°22	4°53	28°17	17°36	7°46	10°43	1° 8	1°30	27°43	n.a.	F 28
S 29	12 14 57	5°32'10	14°29	27°41	19°34	8° 2	5° 6	28°13	17°38	7°45	10°42	0°54	1°27	27°50	n.a.	S 29
S 30	12 18 54	6°30'22	26°45	29°43	20°30	8°42	5°20	28° 9	17°39	7°43	10°42	0°42	1°23	27°57	n.a.	S 30
M31	12 22 51	7♈28'31	8♏50	1♈46	21♒26	9♉22	5♓33	28♎ 5	17♑40	7♎42	10♌41	0♑31	1♑20	28♏ 3	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8s36	7s 3	5s 3	19s 9	1s40	16s 5	4n44	7n48	0n14	13s 7	1s 5	9s 3	2n35	23s 7	0s29	1s35	1n58	30n31	13n30	23s39	23s40	22s14		n.a.
S 2	8 14	11 49	4 53	18 53	1 47	16 8	4 34	8 4	0 15	13 2	1 5	9 2	2 35	23 7	0 29	1 35	1 58	30 31	13 30	23 39	23 40	22 15		n.a.
M 3	7 51	16 2	4 30	18 35	1 52	16 11	4 25	8 20	0 16	12 57	1 5	9 1	2 36	23 7	0 29	1 34	1 58	30 32	13 30	23 39	23 40	22 16		n.a.
T 4	7 29	19 32	3 55	18 16	1 57	16 13	4 15	8 36	0 16	12 52	1 5	9 0	2 36	23 6	0 29	1 33	1 58	30 32	13 30	23 39	23 40	22 17		n.a.
W 5	7 6	22 11	3 10	17 56	2 2	16 14	4 6	8 52	0 17	12 47	1 5	8 59	2 36	23 6	0 29	1 33	1 58	30 32	13 30	23 39	23 40	22 18		n.a.
T 6	6 43	23 52	2 18	17 34	2 6	16 15	3 57	9 8	0 18	12 42	1 6	8 58	2 36	23 6	0 29	1 32	1 58	30 32	13 30	23 40	23 40	22 19		n.a.
F 7	6 20	24 29	1 19	17 10	2 10	16 16	3 48	9 24	0 18	12 37	1 6	8 57	2 36	23 6	0 29	1 32	1 58	30 33	13 29	23 40	23 40	22 20		n.a.
S 8	5 57	23 58	0 16	16 45	2 13	16 16	3 38	9 40	0 19	12 32	1 6	8 56	2 36	23 5	0 29	1 31	1 58	30 33	13 29	23 40	23 40	22 21		n.a.
S 9	5 34	22 18	0n49	16 18	2 16	16 16	3 29	9 56	0 19	12 27	1 6	8 55	2 37	23 5	0 29	1 30	1 58	30 33	13 29	23 40	23 40	22 22		n.a.
M10	5 11	19 32	1 52	15 50	2 18	16 15	3 20	10 11	0 20	12 22	1 6	8 54	2 37	23 5	0 30	1 30	1 58	30 33	13 29	23 40	23 40	22 23		n.a.
T 11	4 48	15 46	2 52	15 21	2 20	16 14	3 12	10 27	0 21	12 17	1 6	8 53	2 37	23 5	0 30	1 29	1 58	30 33	13 29	23 40	23 41	22 24		n.a.
W12	4 25	11 7	3 45	14 49	2 21	16 12	3 3	10 42	0 21	12 12	1 6	8 51	2 37	23 4	0 30	1 28	1 58	30 34	13 28	23 40	23 41	22 25		n.a.
T 13	4 2	5 48	4 26	14 17	2 22	16 9	2 54	10 58	0 22	12 7	1 6	8 50	2 37	23 4	0 30	1 28	1 58	30 34	13 28	23 40	23 41	22 26		n.a.
F 14	3 38	0 4	4 52	13 43	2 23	16 6	2 46	11 13	0 23	12 2	1 6	8 49	2 37	23 4	0 30	1 27	1 58	30 34	13 28	23 40	23 41	22 27		n.a.
S 15	3 15	5n47	5 1	13 7	2 22	16 3	2 37	11 28	0 23	11 57	1 6	8 48	2 38	23 4	0 30	1 27	1 58	30 34	13 28	23 40	23 41	22 28		n.a.
S 16	2 51	11 24	4 50	12 30	2 22	15 59	2 29	11 43	0 24	11 52	1 6	8 47	2 38	23 3	0 30	1 26	1 59	30 34	13 28	23 41	23 41	22 29		n.a.
M17	2 28	16 24	4 21	11 51	2 21	15 54	2 21	11 58	0 24	11 47	1 7	8 45	2 38	23 3	0 30	1 25	1 59	30 34	13 27	23 41	23 41	22 30		n.a.
T 18	2 5	20 25	3 35	11 10	2 19	15 49	2 13	12 13	0 25	11 42	1 7	8 44	2 38	23 3	0 30	1 25	1 59	30 34	13 27	23 41	23 41	22 31		n.a.
W19	1 41	23 8	2 35	10 29	2 17	15 43	2 5	12 28	0 25	11 37	1 7	8 43	2 38	23 3	0 30	1 24	1 59	30 34	13 27	23 41	23 41	22 31		n.a.
T 20	1 18	24 19	1 26	9 45	2 14	15 37	1 57	12 42	0 26	11 32	1 7	8 42	2 38	23 3	0 30	1 23	1 59	30 34	13 27	23 41	23 41	22 32		n.a.
F 21	0 54	23 55	0 13	9 1	2 10	15 31	1 49	12 57	0 27	11 27	1 7	8 40	2 38	23 2	0 30	1 23	1 59	30 35	13 27	23 41	23 41	22 33		n.a.
S 22	0 31	22 3	0s59	8 15	2 7	15 23	1 41	13 11	0 27	11 22	1 7	8 39	2 38	23 2	0 30	1 22	1 59	30 35	13 26	23 41	23 41	22 34		n.a.
S 23	0 7	18 56	2 8	7 27	2 2	15 16	1 34	13 26	0 28	11 17	1 7	8 37	2 39	23 2	0 30	1 21	1 59	30 35	13 26	23 41	23 41	22 35		n.a.
M24	0n16	14 52	3 8	6 38	1 57	15 7	1 26	13 40	0 28	11 12	1 7	8 36	2 39	23 2	0 30	1 21	1 59	30 35	13 26	23 41	23 41	22 36		n.a.
T 25	0 40	10 8	3 57	5 48	1 52	14 58	1 19	13 54	0 29	11 7	1 7	8 35	2 39	23 2	0 30	1 20	1 59	30 35	13 26	23 41	23 41	22 37		n.a.
W26	1 3	5 1	4 32	4 56	1 46	14 49	1 12	14 8	0 29	11 2	1 8	8 33	2 39	23 2	0 30	1 19	1 59	30 35	13 25	23 41	23 41	22 38		n.a.
T 27	1 27	0s14	4 54	4 3	1 39	14 39	1 5	14 22	0 30	10 57	1 8	8 32	2 39	23 1	0 30	1 19	1 59	30 35	13 25	23 41	23 41	22 38		n.a.
F 28	1 50	5 23	5 0	3 9	1 32	14 29	0 58	14 36	0 30	10 52	1 8	8 30	2 39	23 1	0 30	1 18	1 59	30 35	13 25	23 42	23 41	22 39		n.a.
S 29	2 13	10 14	4 52	2 14	1 25	14 18	0 51	14 50	0 31	10 48	1 8	8 29	2 39	23 1	0 30	1 17	1 59	30 35	13 25	23 42	23 41	22 40		n.a.
S 30	2 37	14 36	4 30	1 17	1 17	14 7	0 45	15 3	0 31	10 43	1 8	8 27	2 39	23 1	0 30	1 17	1 59	30 35	13 24	23 42	23 41	22 41		n.a.
M31	3n 0	18s19	3s56	0s20	1s 9	13s55	0n38	15n16	0n32	10s38	1s 8	8s26	2n39	23s 1	0s30	1s16	1n59	30n35	13n24	23s42	23s41	22s42		n.a.

Julian Day Number = 1714542.5, Delta T = 02h59m02s
Ecliptic obliquity = 23°41'51, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°19'20, Lahiri = - 4°12'20 Julian Calendar 1 March 19 BCE == Greg. Calendar 27 Feb. 019 BCE

The year -18 astronomical counting style corresponds to year 019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 19 BCE
geocentric

APRIL 19 BCE (-18) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 26 47	8♈26'39	20♏46	3♈51	22♒23	10♉ 2	5♓46	28°R 1	17♑41	7°R40	10°R40	0°R23	1♑17	28♏10	n.a.	T 1
W 2	12 30 44	9°24'46	2♐37	5°57	23°20	10°42	6° 0	27♎57	17°43	7♎38	10♌40	0♑18	1°14	28°17	n.a.	W 2
T 3	12 34 40	10°22'51	14°25	8° 5	24°18	11°22	6°13	27°53	17°44	7°37	10°39	0°15	1°11	28°23	n.a.	T 3
F 4	12 38 37	11°20'54	26°15	10°13	25°16	12° 2	6°26	27°49	17°45	7°35	10°38	0°D14	1° 7	28°30	n.a.	F 4
S 5	12 42 33	12°18'56	8♑13	12°22	26°14	12°41	6°39	27°45	17°46	7°33	10°38	0°R14	1° 4	28°37	n.a.	S 5
S 6	12 46 30	13°16'57	20°23	14°31	27°13	13°21	6°52	27°41	17°47	7°32	10°37	0°14	1° 1	28°43	n.a.	S 6
M 7	12 50 26	14°14'56	2♒52	16°41	28°12	14° 1	7° 5	27°36	17°48	7°30	10°37	0°13	0°58	28°50	n.a.	M 7
T 8	12 54 23	15°12'53	15°43	18°51	29°12	14°41	7°18	27°32	17°48	7°28	10°36	0° 9	0°55	28°57	n.a.	T 8
W 9	12 58 20	16°10'50	29° 1	21° 1	0♓12	15°20	7°31	27°28	17°49	7°27	10°36	0° 3	0°52	29° 3	n.a.	W 9
T 10	13 2 16	17° 8'44	12♓47	23°10	1°12	16° 0	7°43	27°23	17°50	7°25	10°35	29♐55	0°48	29°10	n.a.	T 10
F 11	13 6 13	18° 6'37	26°59	25°18	2°12	16°40	7°56	27°19	17°51	7°24	10°35	29°45	0°45	29°17	n.a.	F 11
S 12	13 10 9	19° 4'29	11♈35	27°26	3°13	17°19	8° 9	27°15	17°51	7°22	10°35	29°35	0°42	29°23	n.a.	S 12
S 13	13 14 6	20° 2'19	26°26	29°32	4°14	17°59	8°21	27°10	17°52	7°20	10°34	29°25	0°39	29°30	n.a.	S 13
M14	13 18 2	21° 0'08	11♉24	1♉36	5°16	18°39	8°34	27° 6	17°53	7°19	10°34	29°16	0°36	29°37	n.a.	M14
T 15	13 21 59	21°57'55	26°20	3°39	6°17	19°18	8°46	27° 1	17°53	7°17	10°34	29°10	0°32	29°43	n.a.	T 15
W16	13 25 55	22°55'41	11♊ 7	5°39	7°19	19°58	8°59	26°57	17°54	7°16	10°33	29° 7	0°29	29°50	n.a.	W16
T 17	13 29 52	23°53'25	25°37	7°37	8°22	20°37	9°11	26°52	17°54	7°14	10°33	29°D 6	0°26	29°57	n.a.	T 17
F 18	13 33 49	24°51'07	9♋49	9°33	9°24	21°17	9°23	26°48	17°54	7°13	10°33	29° 6	0°23	0♐ 3	n.a.	F 18
S 19	13 37 45	25°48'47	23°40	11°26	10°27	21°56	9°35	26°44	17°55	7°11	10°33	29°R 6	0°20	0°10	n.a.	S 19
S 20	13 41 42	26°46'26	7♌13	13°16	11°30	22°36	9°47	26°39	17°55	7°10	10°33	29° 6	0°17	0°17	n.a.	S 20
M21	13 45 38	27°44'02	20°28	15° 3	12°33	23°15	9°59	26°35	17°55	7° 8	10°32	29° 4	0°13	0°23	n.a.	M21
T 22	13 49 35	28°41'38	3♍27	16°48	13°37	23°54	10°11	26°30	17°55	7° 7	10°32	28°59	0°10	0°30	n.a.	T 22
W23	13 53 31	29°39'11	16°13	18°29	14°40	24°34	10°23	26°26	17°56	7° 5	10°32	28°52	0° 7	0°37	n.a.	W23
T 24	13 57 28	0♉36'43	28°47	20° 7	15°44	25°13	10°35	26°21	17°56	7° 4	10°D32	28°43	0° 4	0°43	n.a.	T 24
F 25	14 1 24	1°34'14	11♎10	21°43	16°48	25°52	10°46	26°17	17°R56	7° 2	10°32	28°33	0° 1	0°50	n.a.	F 25
S 26	14 5 21	2°31'44	23°23	23°14	17°52	26°32	10°58	26°12	17°56	7° 1	10°32	28°23	29♐58	0°57	n.a.	S 26
S 27	14 9 18	3°29'12	5♏28	24°43	18°57	27°11	11° 9	26° 8	17°56	6°59	10°32	28°13	29°54	1° 3	n.a.	S 27
M28	14 13 14	4°26'39	17°25	26° 8	20° 1	27°50	11°20	26° 4	17°55	6°58	10°32	28° 5	29°51	1°10	n.a.	M28
T 29	14 17 11	5°24'05	29°17	27°31	21° 6	28°29	11°32	25°59	17°55	6°56	10°33	27°59	29°48	1°17	n.a.	T 29
W30	14 21 7	6♉21'30	11♐ 5	28♉49	22♓11	29♉ 8	11♓43	25♎55	17♑55	6♎55	10♌33	27♐55	29♐45	1♐23	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3n23	21s14	3s13	0n38	1s 0	13s42	0n32	15n30	0n33	10s33	1s 8	8s24	2n39	23s 1	0s30	1s16	1n59	30n35	13n24	23s42	23s41	22s42		n.a.
W 2	3 46	23 12	2 21	1 37	0 51	13 29	0 25	15 43	0 33	10 28	1 8	8 23	2 39	23 1	0 30	1 15	1 59	30 34	13 23	23 42	23 41	22 43		n.a.
T 3	4 9	24 9	1 23	2 37	0 41	13 16	0 19	15 56	0 34	10 23	1 9	8 21	2 40	23 0	0 30	1 14	1 59	30 34	13 23	23 42	23 42	22 44		n.a.
F 4	4 32	24 0	0 21	3 37	0 31	13 2	0 13	16 9	0 34	10 19	1 9	8 20	2 40	23 0	0 30	1 14	1 59	30 34	13 23	23 42	23 42	22 45		n.a.
S 5	4 55	22 44	0n42	4 37	0 21	12 48	0 7	16 22	0 35	10 14	1 9	8 18	2 40	23 0	0 30	1 13	1 59	30 34	13 23	23 42	23 42	22 46		n.a.
S 6	5 18	20 24	1 45	5 38	0 10	12 33	0 2	16 34	0 35	10 9	1 9	8 17	2 40	23 0	0 30	1 12	1 59	30 34	13 22	23 42	23 42	22 46		n.a.
M 7	5 41	17 4	2 44	6 38	0n 0	12 17	0s 4	16 47	0 36	10 4	1 9	8 15	2 40	23 0	0 30	1 12	1 59	30 34	13 22	23 42	23 42	22 47		n.a.
T 8	6 3	12 51	3 37	7 38	0 11	12 2	0 10	16 59	0 36	10 0	1 9	8 13	2 40	23 0	0 30	1 11	1 59	30 34	13 22	23 42	23 42	22 48		n.a.
W 9	6 26	7 53	4 20	8 37	0 22	11 46	0 15	17 12	0 37	9 55	1 9	8 12	2 40	23 0	0 30	1 10	1 59	30 34	13 21	23 42	23 42	22 49		n.a.
T 10	6 48	2 23	4 49	9 36	0 32	11 29	0 20	17 24	0 37	9 50	1 10	8 10	2 40	23 0	0 30	1 10	1 59	30 33	13 21	23 42	23 42	22 50		n.a.
F 11	7 11	3n24	5 2	10 33	0 43	11 12	0 25	17 36	0 37	9 46	1 10	8 9	2 40	23 0	0 30	1 9	1 59	30 33	13 21	23 42	23 42	22 50		n.a.
S 12	7 33	9 9	4 56	11 30	0 53	10 54	0 30	17 48	0 38	9 41	1 10	8 7	2 40	23 0	0 31	1 8	1 59	30 33	13 20	23 42	23 42	22 51		n.a.
S 13	7 55	14 29	4 30	12 24	1 3	10 37	0 35	17 59	0 38	9 36	1 10	8 6	2 40	23 0	0 31	1 8	1 59	30 33	13 20	23 42	23 42	22 52		n.a.
M14	8 17	18 58	3 45	13 18	1 13	10 18	0 40	18 11	0 39	9 32	1 10	8 4	2 40	23 0	0 31	1 7	1 59	30 33	13 20	23 42	23 42	22 52		n.a.
T 15	8 39	22 13	2 45	14 9	1 22	10 0	0 45	18 22	0 39	9 27	1 10	8 2	2 40	23 0	0 31	1 7	1 59	30 32	13 20	23 42	23 42	22 53		n.a.
W16	9 0	23 54	1 34	14 58	1 31	9 41	0 49	18 34	0 40	9 23	1 11	8 1	2 40	23 0	0 31	1 6	1 59	30 32	13 19	23 42	23 42	22 54		n.a.
T 17	9 22	23 56	0 19	15 46	1 39	9 21	0 54	18 45	0 40	9 18	1 11	7 59	2 40	23 0	0 31	1 5	1 59	30 32	13 19	23 42	23 42	22 55		n.a.
F 18	9 43	22 23	0s57	16 31	1 47	9 1	0 58	18 56	0 41	9 14	1 11	7 58	2 40	23 0	0 31	1 5	1 59	30 32	13 19	23 42	23 42	22 55		n.a.
S 19	10 5	19 31	2 7	17 13	1 54	8 41	1 2	19 7	0 41	9 9	1 11	7 56	2 40	23 0	0 31	1 4	1 59	30 32	13 18	23 42	23 42	22 56		n.a.
S 20	10 26	15 38	3 9	17 54	2 0	8 21	1 6	19 17	0 42	9 5	1 11	7 54	2 40	23 0	0 31	1 4	1 59	30 31	13 18	23 42	23 42	22 57		n.a.
M21	10 47	11 3	3 59	18 32	2 6	8 0	1 10	19 28	0 42	9 0	1 12	7 53	2 40	23 0	0 31	1 3	1 59	30 31	13 18	23 42	23 42	22 57		n.a.
T 22	11 8	6 4	4 35	19 7	2 11	7 39	1 14	19 38	0 42	8 56	1 12	7 51	2 40	23 0	0 31	1 2	1 59	30 31	13 17	23 42	23 42	22 58		n.a.
W23	11 28	0 56	4 57	19 40	2 15	7 17	1 17	19 48	0 43	8 52	1 12	7 50	2 40	23 0	0 31	1 2	1 58	30 30	13 17	23 42	23 42	22 59		n.a.
T 24	11 49	4s 9	5 5	20 11	2 18	6 55	1 21	19 58	0 43	8 47	1 12	7 48	2 40	23 0	0 31	1 1	1 58	30 30	13 17	23 41	23 42	22 59		n.a.
F 25	12 9	9 1	4 57	20 39	2 21	6 33	1 24	20 8	0 44	8 43	1 12	7 46	2 40	23 0	0 31	1 1	1 58	30 30	13 16	23 41	23 42	23 0		n.a.
S 26	12 29	13 27	4 37	21 5	2 23	6 11	1 28	20 18	0 44	8 39	1 12	7 45	2 40	23 0	0 31	1 0	1 58	30 29	13 16	23 41	23 42	23 1		n.a.
S 27	12 49	17 18	4 3	21 29	2 24	5 48	1 31	20 28	0 45	8 35	1 13	7 43	2 39	23 0	0 31	1 0	1 58	30 29	13 16	23 41	23 42	23 1		n.a.
M28	13 8	20 24	3 20	21 50	2 24	5 26	1 34	20 37	0 45	8 31	1 13	7 42	2 39	23 0	0 31	0 59	1 58	30 29	13 15	23 41	23 42	23 2		n.a.
T 29	13 28	22 37	2 28	22 9	2 24	5 2	1 37	20 46	0 45	8 26	1 13	7 40	2 39	23 0	0 31	0 59	1 58	30 28	13 15	23 41	23 42	23 3		n.a.
W30	13n47	23s49	1s29	22n25	2n22	4s39	1s39	20n56	0n46	8s22	1s13	7s39	2n39	23s 0	0s31	0s58	1n58	30n28	13n15	23s41	23s42	23s 3		n.a.

Julian Day Number = 1714573.5, Delta T = 02h59m02s
Ecliptic obliquity = 23°41'51, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°19'16, Lahiri = - 4°12'15 Julian Calendar 1 Apr. 19 BCE == Greg. Calendar 30 March 019 BCE

The year -18 astronomical counting style corresponds to year 019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 19 BCE
geocentric

MAY 19 BCE (-18) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 25 4	7♉18'54	22♐53	0♊ 5	23♓17	29♉47	11♓54	25°R51	17°R55	6°R54	10♌33	27°D53	29♐42	1♐30	n.a.	T 1
F 2	14 29 0	8°16'17	4♑44	1°16	24°22	0♊27	12° 5	25♎46	17♑54	6♎52	10°33	27♐53	29°38	1°37	n.a.	F 2
S 3	14 32 57	9°13'40	16°42	2°25	25°27	1° 6	12°16	25°42	17°54	6°51	10°33	27°55	29°35	1°43	n.a.	S 3
S 4	14 36 53	10°11'02	28°52	3°30	26°33	1°45	12°27	25°38	17°54	6°50	10°34	27°56	29°32	1°50	n.a.	S 4
M 5	14 40 50	11° 8'22	11♒19	4°31	27°39	2°24	12°37	25°34	17°53	6°48	10°34	27°R56	29°29	1°57	n.a.	M 5
T 6	14 44 47	12° 5'43	24° 8	5°28	28°45	3° 3	12°48	25°29	17°53	6°47	10°34	27°56	29°26	2° 3	n.a.	T 6
W 7	14 48 43	13° 3'02	7♓23	6°22	29°51	3°42	12°58	25°25	17°52	6°46	10°35	27°53	29°23	2°10	n.a.	W 7
T 8	14 52 40	14° 0'21	21° 5	7°12	0♈58	4°21	13° 9	25°21	17°52	6°45	10°35	27°49	29°19	2°17	n.a.	T 8
F 9	14 56 36	14°57'40	5♈17	7°58	2° 4	5° 0	13°19	25°17	17°51	6°44	10°36	27°43	29°16	2°23	n.a.	F 9
S 10	15 0 33	15°54'57	19°54	8°40	3°11	5°39	13°29	25°13	17°50	6°42	10°36	27°37	29°13	2°30	n.a.	S 10
S 11	15 4 29	16°52'14	4♉51	9°17	4°18	6°18	13°39	25° 9	17°49	6°41	10°37	27°31	29°10	2°37	n.a.	S 11
M12	15 8 26	17°49'31	20° 0	9°51	5°24	6°57	13°49	25° 5	17°49	6°40	10°37	27°26	29° 7	2°43	n.a.	M12
T 13	15 12 22	18°46'47	5♊11	10°20	6°31	7°36	13°59	25° 1	17°48	6°39	10°38	27°23	29° 4	2°50	n.a.	T 13
W14	15 16 19	19°44'02	20°14	10°45	7°39	8°15	14° 8	24°57	17°47	6°38	10°38	27°D21	29° 0	2°57	n.a.	W14
T 15	15 20 16	20°41'16	5♋ 1	11° 6	8°46	8°53	14°18	24°53	17°46	6°37	10°39	27°21	28°57	3° 3	n.a.	T 15
F 16	15 24 12	21°38'30	19°26	11°22	9°53	9°32	14°28	24°50	17°45	6°36	10°39	27°22	28°54	3°10	n.a.	F 16
S 17	15 28 9	22°35'42	3♌28	11°33	11° 1	10°11	14°37	24°46	17°44	6°35	10°40	27°24	28°51	3°17	n.a.	S 17
S 18	15 32 5	23°32'54	17° 6	11°40	12° 8	10°50	14°46	24°42	17°43	6°34	10°41	27°25	28°48	3°23	n.a.	S 18
M19	15 36 2	24°30'05	0♍20	11°R43	13°16	11°29	14°55	24°39	17°42	6°33	10°42	27°R25	28°44	3°30	n.a.	M19
T 20	15 39 58	25°27'15	13°15	11°40	14°24	12° 7	15° 4	24°35	17°41	6°32	10°42	27°23	28°41	3°37	n.a.	T 20
W21	15 43 55	26°24'24	25°52	11°34	15°32	12°46	15°13	24°32	17°40	6°31	10°43	27°21	28°38	3°43	n.a.	W21
T 22	15 47 51	27°21'32	8♎15	11°23	16°40	13°25	15°22	24°28	17°38	6°30	10°44	27°17	28°35	3°50	n.a.	T 22
F 23	15 51 48	28°18'40	20°26	11° 8	17°48	14° 4	15°30	24°25	17°37	6°29	10°45	27°12	28°32	3°56	n.a.	F 23
S 24	15 55 45	29°15'48	2♏28	10°49	18°56	14°42	15°39	24°22	17°36	6°28	10°46	27° 7	28°29	4° 3	n.a.	S 24
S 25	15 59 41	0♊12'55	14°24	10°26	20° 4	15°21	15°47	24°19	17°34	6°27	10°46	27° 3	28°25	4°10	n.a.	S 25
M26	16 3 38	1°10'02	26°15	10° 0	21°13	16° 0	15°55	24°16	17°33	6°27	10°47	26°59	28°22	4°16	n.a.	M26
T 27	16 7 34	2° 7'08	8♐ 4	9°31	22°21	16°38	16° 3	24°13	17°32	6°26	10°48	26°57	28°19	4°23	n.a.	T 27
W28	16 11 31	3° 4'14	19°52	8°59	23°30	17°17	16°11	24°10	17°30	6°25	10°49	26°56	28°16	4°30	n.a.	W28
T 29	16 15 27	4° 1'21	1♑43	8°26	24°39	17°55	16°19	24° 7	17°29	6°24	10°50	26°D55	28°13	4°36	n.a.	T 29
F 30	16 19 24	4°58'27	13°38	7°51	25°47	18°34	16°27	24° 4	17°27	6°24	10°51	26°56	28°10	4°43	n.a.	F 30
S 31	16 23 21	5♊55'33	25♑41	7♊16	26♈56	19♊13	16♓34	24♎ 1	17♑26	6♎23	10♌52	26♐58	28♐ 6	4♐50	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	14n 6	23s57	0s27	22n40	2n20	4s15	1s42	21n 4	0n46	8s18	1s13	7s37	2n39	23s 0	0s31	0s58	1n58	30n28	13n14	23s41	23s42	23s 4			n.a.
F 2	14 25	23 0	0n37	22 52	2 17	3 51	1 45	21 13	0 47	8 14	1 14	7 36	2 39	23 0	0 31	0 57	1 58	30 27	13 14	23 41	23 42	23 5			n.a.
S 3	14 43	20 59	1 40	23 3	2 13	3 27	1 47	21 22	0 47	8 10	1 14	7 34	2 39	23 0	0 31	0 57	1 58	30 27	13 14	23 41	23 42	23 5			n.a.
S 4	15 2	18 0	2 40	23 11	2 9	3 3	1 49	21 30	0 47	8 6	1 14	7 33	2 39	23 0	0 31	0 56	1 58	30 26	13 13	23 41	23 42	23 6			n.a.
M 5	15 20	14 9	3 33	23 17	2 3	2 39	1 51	21 39	0 48	8 2	1 14	7 31	2 39	23 0	0 31	0 56	1 58	30 26	13 13	23 41	23 42	23 6			n.a.
T 6	15 38	9 34	4 18	23 21	1 57	2 14	1 53	21 47	0 48	7 58	1 14	7 30	2 39	23 0	0 31	0 55	1 58	30 26	13 13	23 41	23 42	23 7			n.a.
W 7	15 55	4 24	4 50	23 24	1 49	1 49	1 55	21 55	0 48	7 54	1 15	7 29	2 39	23 0	0 31	0 55	1 58	30 25	13 12	23 41	23 42	23 8			n.a.
T 8	16 13	1n 8	5 7	23 25	1 41	1 24	1 57	22 2	0 49	7 51	1 15	7 27	2 38	23 1	0 31	0 54	1 58	30 25	13 12	23 41	23 42	23 8			n.a.
F 9	16 30	6 48	5 7	23 24	1 33	0 59	1 59	22 10	0 49	7 47	1 15	7 26	2 38	23 1	0 31	0 54	1 58	30 24	13 12	23 41	23 42	23 9			n.a.
S 10	16 47	12 17	4 47	23 21	1 23	0 34	2 1	22 17	0 50	7 43	1 15	7 24	2 38	23 1	0 31	0 53	1 58	30 24	13 11	23 41	23 42	23 9			n.a.
S 11	17 3	17 9	4 7	23 17	1 12	0 8	2 2	22 25	0 50	7 39	1 16	7 23	2 38	23 1	0 31	0 53	1 58	30 23	13 11	23 40	23 42	23 10			n.a.
M12	17 20	20 58	3 9	23 11	1 1	0n17	2 3	22 32	0 50	7 36	1 16	7 22	2 38	23 1	0 31	0 52	1 58	30 23	13 11	23 40	23 42	23 10			n.a.
T 13	17 36	23 19	1 58	23 3	0 49	0 43	2 5	22 39	0 51	7 32	1 16	7 20	2 38	23 1	0 32	0 52	1 58	30 22	13 10	23 40	23 42	23 11			n.a.
W14	17 52	23 59	0 39	22 54	0 37	1 8	2 6	22 45	0 51	7 29	1 16	7 19	2 38	23 1	0 32	0 52	1 58	30 22	13 10	23 40	23 42	23 12			n.a.
T 15	18 7	22 54	0s42	22 44	0 23	1 34	2 7	22 52	0 51	7 25	1 17	7 18	2 37	23 1	0 32	0 51	1 58	30 21	13 10	23 40	23 42	23 12			n.a.
F 16	18 22	20 20	1 58	22 32	0 9	2 0	2 8	22 58	0 52	7 22	1 17	7 17	2 37	23 2	0 32	0 51	1 58	30 21	13 9	23 40	23 42	23 13			n.a.
S 17	18 37	16 36	3 4	22 19	0s 5	2 26	2 9	23 4	0 52	7 18	1 17	7 16	2 37	23 2	0 32	0 50	1 58	30 20	13 9	23 40	23 42	23 13			n.a.
S 18	18 52	12 5	3 59	22 5	0 21	2 52	2 9	23 10	0 52	7 15	1 17	7 14	2 37	23 2	0 32	0 50	1 58	30 20	13 9	23 40	23 41	23 14			n.a.
M19	19 6	7 8	4 39	21 50	0 36	3 18	2 10	23 16	0 53	7 11	1 18	7 13	2 37	23 2	0 32	0 50	1 58	30 19	13 8	23 40	23 41	23 14			n.a.
T 20	19 20	1 59	5 3	21 34	0 52	3 44	2 10	23 22	0 53	7 8	1 18	7 12	2 37	23 2	0 32	0 49	1 58	30 19	13 8	23 40	23 41	23 15			n.a.
W21	19 34	3s 7	5 13	21 17	1 9	4 10	2 11	23 27	0 53	7 5	1 18	7 11	2 36	23 3	0 32	0 49	1 57	30 18	13 8	23 40	23 41	23 15			n.a.
T 22	19 47	8 0	5 7	20 59	1 25	4 36	2 11	23 33	0 54	7 2	1 18	7 10	2 36	23 3	0 32	0 49	1 57	30 18	13 7	23 40	23 41	23 16			n.a.
F 23	20 0	12 30	4 48	20 40	1 42	5 2	2 11	23 38	0 54	6 59	1 19	7 9	2 36	23 3	0 32	0 48	1 57	30 17	13 7	23 40	23 41	23 16			n.a.
S 24	20 13	16 27	4 16	20 21	1 58	5 28	2 11	23 43	0 54	6 56	1 19	7 8	2 36	23 3	0 32	0 48	1 57	30 17	13 7	23 40	23 41	23 17			n.a.
S 25	20 25	19 43	3 33	20 2	2 15	5 54	2 11	23 47	0 55	6 53	1 19	7 7	2 36	23 3	0 32	0 48	1 57	30 16	13 6	23 40	23 41	23 17			n.a.
M26	20 37	22 7	2 41	19 42	2 31	6 20	2 11	23 52	0 55	6 50	1 19	7 6	2 36	23 4	0 32	0 48	1 57	30 16	13 6	23 40	23 41	23 18			n.a.
T 27	20 49	23 34	1 42	19 23	2 46	6 46	2 11	23 56	0 55	6 47	1 20	7 5	2 35	23 4	0 32	0 47	1 57	30 15	13 6	23 40	23 41	23 18			n.a.
W28	21 0	23 57	0 39	19 3	3 1	7 12	2 11	24 0	0 56	6 44	1 20	7 4	2 35	23 4	0 32	0 47	1 57	30 14	13 5	23 40	23 41	23 19			n.a.
T 29	21 11	23 15	0n26	18 44	3 15	7 38	2 11	24 4	0 56	6 41	1 20	7 3	2 35	23 4	0 32	0 47	1 57	30 14	13 5	23 40	23 41	23 19			n.a.
F 30	21 21	21 29	1 31	18 26	3 28	8 3	2 10	24 8	0 56	6 38	1 20	7 2	2 35	23 4	0 32	0 47	1 57	30 13	13 5	23 40	23 41	23 20			n.a.
S 31	21n32	18s45	2n32	18n 8	3s41	8n29	2s 9	24n11	0n56	6s36	1s21	7s 1	2n34	23s 5	0s32	0s46	1n57	30n13	13n 5	23s40	23s41	23s20			n.a.

Julian Day Number = 1714603.5, Delta T = 02h59m01s
Ecliptic obliquity = 23°41'50, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°19'12, Lahiri = - 4°12'11 Julian Calendar 1 May 19 BCE == Greg. Calendar 29 Apr. 019 BCE

The year -18 astronomical counting style corresponds to year 019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 19 BCE
geocentric

JUNE 19 BCE (-18) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 27 17	6♊52'39	7♒55	6°R40	28♈ 5	19♊51	16♓41	23°R58	17°R24	6°R22	10♑53	26♐59	28♐ 3	4♐56	n.a.	S 1
M 2	16 31 14	7°49'46	20°25	6♊ 4	29°14	20°30	16°49	23♎56	17♉22	6♎22	10°55	27° 0	28° 0	5° 3	n.a.	M 2
T 3	16 35 10	8°46'52	3♓13	5°30	0♉24	21° 8	16°56	23°53	17°21	6°21	10°56	27°R 1	27°57	5°10	n.a.	T 3
W 4	16 39 7	9°43'59	16°24	4°57	1°33	21°47	17° 2	23°51	17°19	6°21	10°57	27° 1	27°54	5°16	n.a.	W 4
T 5	16 43 3	10°41'06	0♈ 0	4°26	2°42	22°25	17° 9	23°48	17°17	6°20	10°58	27° 0	27°50	5°23	n.a.	T 5
F 6	16 47 0	11°38'14	14° 3	3°58	3°52	23° 4	17°16	23°46	17°15	6°20	10°59	26°59	27°47	5°30	n.a.	F 6
S 7	16 50 56	12°35'22	28°30	3°33	5° 1	23°42	17°22	23°44	17°14	6°19	11° 1	26°57	27°44	5°36	n.a.	S 7
S 8	16 54 53	13°32'30	13♉19	3°12	6°11	24°21	17°28	23°42	17°12	6°19	11° 2	26°56	27°41	5°43	n.a.	S 8
M 9	16 58 50	14°29'39	28°23	2°55	7°20	24°59	17°35	23°40	17°10	6°19	11° 3	26°54	27°38	5°50	n.a.	M 9
T 10	17 2 46	15°26'48	13♊34	2°42	8°30	25°38	17°41	23°38	17° 8	6°18	11° 4	26°54	27°35	5°56	n.a.	T 10
W11	17 6 43	16°23'58	28°42	2°34	9°40	26°16	17°46	23°36	17° 6	6°18	11° 6	26°D53	27°31	6° 3	n.a.	W11
T 12	17 10 39	17°21'07	13♋38	2°D31	10°50	26°55	17°52	23°34	17° 4	6°18	11° 7	26°54	27°28	6°10	n.a.	T 12
F 13	17 14 36	18°18'17	28°14	2°33	12° 0	27°33	17°57	23°33	17° 2	6°17	11° 8	26°54	27°25	6°16	n.a.	F 13
S 14	17 18 32	19°15'27	12♌27	2°40	13°10	28°12	18° 3	23°31	17° 0	6°17	11°10	26°55	27°22	6°23	n.a.	S 14
S 15	17 22 29	20°12'37	26°13	2°52	14°20	28°50	18° 8	23°30	16°58	6°17	11°11	26°56	27°19	6°30	n.a.	S 15
M16	17 26 25	21° 9'47	9♍33	3°10	15°30	29°28	18°13	23°28	16°56	6°17	11°13	26°56	27°16	6°36	n.a.	M16
T 17	17 30 22	22° 6'57	22°29	3°33	16°41	0♋ 7	18°18	23°27	16°54	6°17	11°14	26°R56	27°12	6°43	n.a.	T 17
W18	17 34 19	23° 4'07	5♎ 5	4° 2	17°51	0°45	18°22	23°26	16°52	6°17	11°16	26°56	27° 9	6°50	n.a.	W18
T 19	17 38 15	24° 1'18	17°23	4°36	19° 1	1°24	18°27	23°25	16°50	6°16	11°17	26°56	27° 6	6°56	n.a.	T 19
F 20	17 42 12	24°58'29	29°29	5°15	20°12	2° 2	18°31	23°24	16°48	6°16	11°19	26°55	27° 3	7° 3	n.a.	F 20
S 21	17 46 8	25°55'40	11♏25	6° 0	21°22	2°40	18°35	23°23	16°45	6°D16	11°20	26°55	27° 0	7°10	n.a.	S 21
S 22	17 50 5	26°52'52	23°16	6°50	22°33	3°19	18°39	23°22	16°43	6°16	11°22	26°D55	26°56	7°16	n.a.	S 22
M23	17 54 1	27°50'04	5♐ 4	7°46	23°44	3°57	18°43	23°21	16°41	6°17	11°23	26°55	26°53	7°23	n.a.	M23
T 24	17 57 58	28°47'17	16°53	8°46	24°54	4°35	18°46	23°20	16°39	6°17	11°25	26°55	26°50	7°30	n.a.	T 24
W25	18 1 54	29°44'31	28°45	9°52	26° 5	5°14	18°49	23°20	16°36	6°17	11°27	26°R55	26°47	7°36	n.a.	W25
T 26	18 5 51	0♋41'45	10♑42	11° 3	27°16	5°52	18°53	23°19	16°34	6°17	11°28	26°55	26°44	7°43	n.a.	T 26
F 27	18 9 48	1°39'00	22°46	12°18	28°27	6°30	18°56	23°19	16°32	6°17	11°30	26°55	26°41	7°49	n.a.	F 27
S 28	18 13 44	2°36'16	5♒ 0	13°38	29°38	7° 8	18°58	23°19	16°30	6°17	11°32	26°54	26°37	7°56	n.a.	S 28
S 29	18 17 41	3°33'33	17°25	15° 3	0♊49	7°47	19° 1	23°19	16°27	6°18	11°33	26°54	26°34	8° 3	n.a.	S 29
M30	18 21 37	4♋30'51	0♓ 4	16♊33	2♊ 0	8♋25	19♓ 3	23°D18	16♑25	6♎18	11♌35	26♐53	26♐31	8♐ 9	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n42	15s 9	3n28	17n51	3s52	8n54	2s 9	24n15	0n57	6s33	1s21	7s 1	2n34	23s 5	0s32	0s46	1n57	30n12	13n 4	23s40	23s41	23s20		n.a.
M 2	21 51	10 49	4 14	17 36	4 1	9 20	2 8	24 18	0 57	6 30	1 21	7 0	2 34	23 5	0 32	0 46	1 57	30 11	13 4	23 40	23 41	23 21		n.a.
T 3	22 0	5 56	4 50	17 21	4 10	9 45	2 7	24 21	0 57	6 28	1 21	6 59	2 34	23 5	0 32	0 46	1 57	30 11	13 4	23 40	23 41	23 21		n.a.
W 4	22 9	0 39	5 11	17 9	4 16	10 10	2 6	24 24	0 58	6 25	1 22	6 58	2 34	23 6	0 32	0 46	1 57	30 10	13 3	23 40	23 41	23 22		n.a.
T 5	22 17	4n49	5 16	16 58	4 22	10 35	2 5	24 26	0 58	6 23	1 22	6 58	2 33	23 6	0 32	0 46	1 57	30 10	13 3	23 40	23 41	23 22		n.a.
F 6	22 25	10 14	5 3	16 49	4 26	11 0	2 4	24 29	0 58	6 21	1 22	6 57	2 33	23 6	0 32	0 45	1 57	30 9	13 3	23 40	23 41	23 22		n.a.
S 7	22 33	15 15	4 30	16 42	4 28	11 24	2 3	24 31	0 58	6 18	1 23	6 57	2 33	23 6	0 32	0 45	1 57	30 8	13 3	23 40	23 41	23 23		n.a.
S 8	22 40	19 29	3 39	16 37	4 29	11 48	2 2	24 33	0 59	6 16	1 23	6 56	2 33	23 7	0 32	0 45	1 57	30 8	13 2	23 40	23 41	23 23		n.a.
M 9	22 47	22 29	2 32	16 35	4 28	12 13	2 1	24 35	0 59	6 14	1 23	6 55	2 32	23 7	0 32	0 45	1 56	30 7	13 2	23 40	23 41	23 24		n.a.
T 10	22 54	23 53	1 13	16 34	4 27	12 37	1 59	24 37	0 59	6 12	1 23	6 55	2 32	23 7	0 32	0 45	1 56	30 7	13 2	23 40	23 40	23 24		n.a.
W11	23 0	23 31	0s10	16 36	4 23	13 0	1 58	24 38	1 0	6 10	1 24	6 55	2 32	23 7	0 32	0 45	1 56	30 6	13 2	23 40	23 40	23 24		n.a.
T 12	23 5	21 28	1 32	16 40	4 19	13 24	1 56	24 39	1 0	6 8	1 24	6 54	2 32	23 8	0 32	0 45	1 56	30 5	13 1	23 40	23 40	23 25		n.a.
F 13	23 11	18 2	2 45	16 46	4 13	13 47	1 55	24 40	1 0	6 6	1 24	6 54	2 31	23 8	0 32	0 45	1 56	30 5	13 1	23 40	23 40	23 25		n.a.
S 14	23 15	13 37	3 47	16 54	4 6	14 10	1 53	24 41	1 0	6 4	1 25	6 53	2 31	23 8	0 32	0 45	1 56	30 4	13 1	23 40	23 40	23 26		n.a.
S 15	23 20	8 38	4 33	17 4	3 58	14 32	1 51	24 42	1 1	6 3	1 25	6 53	2 31	23 9	0 32	0 45	1 56	30 3	13 1	23 40	23 40	23 26		n.a.
M16	23 24	3 24	5 3	17 16	3 49	14 55	1 50	24 43	1 1	6 1	1 25	6 53	2 31	23 9	0 32	0 45	1 56	30 3	13 0	23 40	23 40	23 26		n.a.
T 17	23 28	1s50	5 17	17 30	3 40	15 17	1 48	24 43	1 1	5 59	1 26	6 53	2 30	23 9	0 32	0 45	1 56	30 2	13 0	23 40	23 40	23 27		n.a.
W18	23 31	6 50	5 14	17 45	3 29	15 39	1 46	24 43	1 1	5 58	1 26	6 52	2 30	23 9	0 32	0 45	1 56	30 1	13 0	23 40	23 40	23 27		n.a.
T 19	23 34	11 28	4 58	18 3	3 18	16 0	1 44	24 43	1 1	5 56	1 26	6 52	2 30	23 10	0 32	0 45	1 56	30 1	13 0	23 40	23 40	23 27		n.a.
F 20	23 36	15 34	4 28	18 21	3 6	16 21	1 42	24 43	1 2	5 55	1 27	6 52	2 30	23 10	0 32	0 45	1 56	30 0	12 59	23 40	23 40	23 28		n.a.
S 21	23 38	19 0	3 47	18 41	2 54	16 42	1 40	24 42	1 2	5 54	1 27	6 52	2 29	23 10	0 32	0 45	1 56	29 59	12 59	23 40	23 40	23 28		n.a.
S 22	23 40	21 38	2 56	19 2	2 41	17 2	1 38	24 41	1 2	5 52	1 27	6 52	2 29	23 11	0 32	0 45	1 56	29 59	12 59	23 40	23 40	23 28		n.a.
M23	23 41	23 19	1 59	19 24	2 28	17 22	1 35	24 41	1 2	5 51	1 27	6 52	2 29	23 11	0 33	0 45	1 56	29 58	12 59	23 40	23 40	23 28		n.a.
T 24	23 41	23 58	0 56	19 47	2 15	17 42	1 33	24 40	1 3	5 50	1 28	6 52	2 29	23 11	0 33	0 45	1 56	29 57	12 59	23 40	23 40	23 29		n.a.
W25	23 42	23 31	0n10	20 11	2 1	18 1	1 31	24 38	1 3	5 49	1 28	6 52	2 28	23 11	0 33	0 45	1 55	29 57	12 58	23 40	23 39	23 29		n.a.
T 26	23 42	22 0	1 16	20 34	1 47	18 19	1 29	24 37	1 3	5 48	1 28	6 52	2 28	23 12	0 33	0 45	1 55	29 56	12 58	23 40	23 39	23 29		n.a.
F 27	23 41	19 28	2 19	20 58	1 33	18 38	1 26	24 35	1 3	5 47	1 29	6 52	2 28	23 12	0 33	0 46	1 55	29 55	12 58	23 40	23 39	23 30		n.a.
S 28	23 40	16 3	3 16	21 22	1 19	18 56	1 24	24 34	1 4	5 46	1 29	6 52	2 28	23 12	0 33	0 46	1 55	29 55	12 58	23 40	23 39	23 30		n.a.
S 29	23 39	11 53	4 5	21 46	1 5	19 13	1 21	24 32	1 4	5 45	1 29	6 52	2 27	23 13	0 33	0 46	1 55	29 54	12 58	23 40	23 39	23 30		n.a.
M30	23n37	7s 9	4n43	22n 9	0s51	19n30	1s19	24n29	1n 4	5s45	1s30	6s53	2n27	23s13	0s33	0s46	1n55	29n53	12n58	23s40	23s39	23s30		n.a.

Julian Day Number = 1714634.5, Delta T = 02h59m00s
Ecliptic obliquity = 23°41'49, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°19'07, Lahiri = - 4°12'07 Julian Calendar 1 June 19 BCE == Greg. Calendar 30 May 019 BCE

The year -18 astronomical counting style corresponds to year 019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 19 BCE
geocentric

JULY 19 BCE (-18) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 25 34	5♋28'10	12♓59	18♊ 7	3♊12	9♋ 3	19♓ 6	23♎19	16°R23	6♎18	11♑37	26°R52	26♐28	8♐16	n.a.	T 1
W 2	18 29 30	6°25'30	26°11	19°45	4°23	9°41	19° 8	23°19	16♉20	6°19	11°39	26♐51	26°25	8°23	n.a.	W 2
T 3	18 33 27	7°22'52	9♈44	21°26	5°34	10°20	19°10	23°19	16°18	6°19	11°40	26°D51	26°22	8°29	n.a.	T 3
F 4	18 37 24	8°20'15	23°37	23°12	6°46	10°58	19°11	23°19	16°16	6°19	11°42	26°52	26°18	8°36	n.a.	F 4
S 5	18 41 20	9°17'39	7♉50	25° 1	7°57	11°36	19°13	23°20	16°13	6°20	11°44	26°52	26°15	8°43	n.a.	S 5
S 6	18 45 17	10°15'04	22°22	26°52	9° 9	12°15	19°14	23°20	16°11	6°20	11°46	26°53	26°12	8°49	n.a.	S 6
M 7	18 49 13	11°12'31	7♊ 9	28°47	10°20	12°53	19°15	23°21	16° 8	6°21	11°48	26°54	26° 9	8°56	n.a.	M 7
T 8	18 53 10	12° 9'59	22° 5	0♋44	11°32	13°31	19°16	23°21	16° 6	6°21	11°50	26°R55	26° 6	9° 3	n.a.	T 8
W 9	18 57 6	13° 7'29	7♋ 3	2°42	12°44	14° 9	19°17	23°22	16° 4	6°22	11°51	26°55	26° 2	9° 9	n.a.	W 9
T 10	19 1 3	14° 4'59	21°54	4°43	13°56	14°48	19°17	23°23	16° 1	6°23	11°53	26°54	25°59	9°16	n.a.	T 10
F 11	19 4 59	15° 2'31	6♌31	6°44	15° 8	15°26	19°17	23°24	15°59	6°23	11°55	26°52	25°56	9°23	n.a.	F 11
S 12	19 8 56	16° 0'04	20°47	8°47	16°19	16° 4	19°R18	23°25	15°57	6°24	11°57	26°49	25°53	9°29	n.a.	S 12
S 13	19 12 53	16°57'38	4♍39	10°50	17°31	16°42	19°17	23°26	15°54	6°25	11°59	26°47	25°50	9°36	n.a.	S 13
M14	19 16 49	17°55'13	18° 5	12°53	18°44	17°20	19°17	23°28	15°52	6°25	12° 1	26°44	25°47	9°43	n.a.	M14
T 15	19 20 46	18°52'48	1♎ 5	14°56	19°56	17°59	19°17	23°29	15°49	6°26	12° 3	26°42	25°43	9°49	n.a.	T 15
W16	19 24 42	19°50'25	13°43	16°59	21° 8	18°37	19°16	23°30	15°47	6°27	12° 5	26°41	25°40	9°56	n.a.	W16
T 17	19 28 39	20°48'03	26° 1	19° 2	22°20	19°15	19°15	23°32	15°45	6°28	12° 7	26°D41	25°37	10° 3	n.a.	T 17
F 18	19 32 35	21°45'43	8♏ 5	21° 4	23°32	19°53	19°14	23°34	15°42	6°29	12° 9	26°42	25°34	10° 9	n.a.	F 18
S 19	19 36 32	22°43'23	19°59	23° 5	24°45	20°32	19°13	23°35	15°40	6°29	12°11	26°44	25°31	10°16	n.a.	S 19
S 20	19 40 28	23°41'05	1♐48	25° 5	25°57	21°10	19°11	23°37	15°37	6°30	12°13	26°45	25°28	10°22	n.a.	S 20
M21	19 44 25	24°38'48	13°37	27° 4	27° 9	21°48	19° 9	23°39	15°35	6°31	12°15	26°47	25°24	10°29	n.a.	M21
T 22	19 48 22	25°36'32	25°28	29° 2	28°22	22°26	19° 7	23°41	15°33	6°32	12°17	26°R48	25°21	10°36	n.a.	T 22
W23	19 52 18	26°34'17	7♑26	0♌59	29°35	23° 4	19° 5	23°43	15°30	6°33	12°19	26°47	25°18	10°42	n.a.	W23
T 24	19 56 15	27°32'04	19°33	2°54	0♋47	23°43	19° 3	23°46	15°28	6°34	12°21	26°45	25°15	10°49	n.a.	T 24
F 25	20 0 11	28°29'53	1♒51	4°48	2° 0	24°21	19° 1	23°48	15°26	6°35	12°23	26°42	25°12	10°56	n.a.	F 25
S 26	20 4 8	29°27'43	14°21	6°41	3°13	24°59	18°58	23°50	15°23	6°36	12°25	26°37	25° 8	11° 2	n.a.	S 26
S 27	20 8 4	0♌25'35	27° 3	8°33	4°25	25°37	18°55	23°53	15°21	6°38	12°27	26°31	25° 5	11° 9	n.a.	S 27
M28	20 12 1	1°23'28	10♓ 0	10°23	5°38	26°15	18°52	23°55	15°19	6°39	12°29	26°26	25° 2	11°16	n.a.	M28
T 29	20 15 57	2°21'24	23° 9	12°12	6°51	26°54	18°49	23°58	15°17	6°40	12°31	26°21	24°59	11°22	n.a.	T 29
W30	20 19 54	3°19'21	6♈32	14° 0	8° 4	27°32	18°45	24° 1	15°14	6°41	12°33	26°16	24°56	11°29	n.a.	W30
T 31	20 23 51	4♌17'20	20♈ 9	15♌46	9♋17	28♋10	18♓42	24♎ 3	15♉12	6♎42	12♌35	26♐14	24♐53	11♐36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n35	2s 1	5n 8	22n32	0s38	19n46	1s16	24n27	1n 4	5s44	1s30	6s53	2n27	23s13	0s33	0s46	1n55	29n53	12n57	23s40	23s39	23s31		n.a.	T 1
W 2	23 32	3n19	5 17	22 53	0 25	20 2	1 14	24 24	1 4	5 44	1 30	6 53	2 26	23 14	0 33	0 46	1 55	29 52	12 57	23 40	23 39	23 31		n.a.	W 2
T 3	23 29	8 37	5 9	23 13	0 12	20 18	1 11	24 22	1 5	5 43	1 31	6 53	2 26	23 14	0 33	0 47	1 55	29 51	12 57	23 40	23 39	23 31		n.a.	T 3
F 4	23 26	13 38	4 43	23 32	0n 1	20 33	1 8	24 19	1 5	5 43	1 31	6 54	2 26	23 14	0 33	0 47	1 55	29 51	12 57	23 40	23 39	23 31		n.a.	F 4
S 5	23 22	18 3	4 0	23 49	0 13	20 47	1 6	24 16	1 5	5 43	1 31	6 54	2 26	23 14	0 33	0 47	1 55	29 50	12 57	23 40	23 39	23 32		n.a.	S 5
S 6	23 18	21 27	3 0	24 4	0 24	21 1	1 3	24 12	1 5	5 42	1 32	6 55	2 25	23 15	0 33	0 47	1 55	29 49	12 57	23 40	23 38	23 32		n.a.	S 6
M 7	23 13	23 30	1 47	24 16	0 35	21 15	1 0	24 9	1 5	5 42	1 32	6 55	2 25	23 15	0 33	0 48	1 55	29 48	12 56	23 40	23 38	23 32		n.a.	M 7
T 8	23 8	23 54	0 27	24 27	0 45	21 27	0 58	24 5	1 5	5 42	1 32	6 56	2 25	23 15	0 33	0 48	1 55	29 48	12 56	23 40	23 38	23 32		n.a.	T 8
W 9	23 2	22 35	0s56	24 35	0 54	21 40	0 55	24 1	1 6	5 42	1 33	6 56	2 25	23 16	0 33	0 48	1 55	29 47	12 56	23 40	23 38	23 32		n.a.	W 9
T 10	22 57	19 42	2 14	24 40	1 3	21 51	0 52	23 57	1 6	5 42	1 33	6 57	2 24	23 16	0 33	0 48	1 55	29 46	12 56	23 40	23 38	23 33		n.a.	T 10
F 11	22 50	15 35	3 22	24 42	1 11	22 2	0 49	23 53	1 6	5 43	1 33	6 57	2 24	23 16	0 33	0 49	1 55	29 46	12 56	23 40	23 38	23 33		n.a.	F 11
S 12	22 44	10 41	4 15	24 42	1 18	22 13	0 47	23 49	1 6	5 43	1 33	6 58	2 24	23 16	0 33	0 49	1 54	29 45	12 56	23 39	23 38	23 33		n.a.	S 12
S 13	22 36	5 22	4 52	24 39	1 24	22 23	0 44	23 44	1 6	5 43	1 34	6 59	2 24	23 17	0 33	0 49	1 54	29 44	12 56	23 39	23 38	23 33		n.a.	S 13
M14	22 29	0s 1	5 12	24 33	1 30	22 32	0 41	23 39	1 7	5 44	1 34	6 59	2 23	23 17	0 33	0 50	1 54	29 44	12 56	23 39	23 38	23 33		n.a.	M14
T 15	22 21	5 14	5 14	24 25	1 35	22 41	0 38	23 35	1 7	5 44	1 34	7 0	2 23	23 17	0 33	0 50	1 54	29 43	12 56	23 39	23 38	23 34		n.a.	T 15
W16	22 13	10 5	5 2	24 14	1 39	22 49	0 35	23 29	1 7	5 45	1 35	7 1	2 23	23 18	0 33	0 51	1 54	29 42	12 56	23 39	23 38	23 34		n.a.	W16
T 17	22 4	14 25	4 35	24 1	1 42	22 56	0 32	23 24	1 7	5 45	1 35	7 2	2 22	23 18	0 33	0 51	1 54	29 42	12 55	23 39	23 37	23 34		n.a.	T 17
F 18	21 55	18 5	3 57	23 45	1 44	23 3	0 29	23 19	1 7	5 46	1 35	7 3	2 22	23 18	0 33	0 51	1 54	29 41	12 55	23 39	23 37	23 34		n.a.	F 18
S 19	21 46	20 57	3 9	23 26	1 46	23 9	0 27	23 13	1 7	5 47	1 36	7 4	2 22	23 19	0 33	0 52	1 54	29 40	12 55	23 39	23 37	23 34		n.a.	S 19
S 20	21 36	22 55	2 13	23 6	1 47	23 14	0 24	23 7	1 7	5 48	1 36	7 5	2 22	23 19	0 33	0 52	1 54	29 40	12 55	23 39	23 37	23 34		n.a.	S 20
M21	21 26	23 52	1 12	22 43	1 47	23 19	0 21	23 1	1 8	5 49	1 36	7 5	2 21	23 19	0 33	0 53	1 54	29 39	12 55	23 39	23 37	23 34		n.a.	M21
T 22	21 15	23 44	0 7	22 19	1 47	23 23	0 18	22 55	1 8	5 50	1 37	7 6	2 21	23 19	0 33	0 53	1 54	29 38	12 55	23 39	23 37	23 35		n.a.	T 22
W23	21 4	22 31	0n58	21 53	1 46	23 27	0 15	22 49	1 8	5 51	1 37	7 8	2 21	23 20	0 33	0 53	1 54	29 38	12 55	23 39	23 37	23 35		n.a.	W23
T 24	20 53	20 15	2 2	21 25	1 45	23 29	0 12	22 42	1 8	5 52	1 37	7 9	2 21	23 20	0 33	0 54	1 54	29 37	12 55	23 39	23 37	23 35		n.a.	T 24
F 25	20 41	17 2	3 0	20 56	1 43	23 31	0 10	22 36	1 8	5 53	1 37	7 10	2 20	23 20	0 33	0 54	1 54	29 36	12 55	23 39	23 37	23 35		n.a.	F 25
S 26	20 29	13 1	3 51	20 25	1 40	23 33	0 7	22 29	1 8	5 54	1 38	7 11	2 20	23 20	0 33	0 55	1 54	29 36	12 55	23 39	23 36	23 35		n.a.	S 26
S 27	20 17	8 23	4 31	19 53	1 37	23 33	0 4	22 22	1 8	5 56	1 38	7 12	2 20	23 21	0 33	0 55	1 54	29 35	12 55	23 39	23 36	23 35		n.a.	S 27
M28	20 4	3 18	4 59	19 20	1 34	23 33	0 1	22 15	1 9	5 57	1 38	7 13	2 20	23 21	0 33	0 56	1 54	29 35	12 55	23 39	23 36	23 35		n.a.	M28
T 29	19 51	2n 0	5 11	18 45	1 30	23 33	0n 2	22 8	1 9	5 59	1 39	7 14	2 19	23 21	0 33	0 56	1 53	29 34	12 55	23 39	23 36	23 35		n.a.	T 29
W30	19 37	7 18	5 6	18 10	1 26	23 31	0 4	22 0	1 9	6 0	1 39	7 16	2 19	23 21	0 33	0 57	1 53	29 33	12 55	23 39	23 36	23 35		n.a.	W30
T 31	19n24	12n20	4n45	17n34	1n21	23n29	0n 7	21n53	1n 9	6s 2	1s39	7s17	2n19	23s22	0s33	0s57	1n53	29n33	12n55	23s39	23s36	23s35		n.a.	T 31

Julian Day Number = 1714664.5, Delta T = 02h58m59s
Ecliptic obliquity = 23°41'49, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°19'03, Lahiri = - 4°12'03 Julian Calendar 1 July 19 BCE == Greg. Calendar 29 June 019 BCE

The year -18 astronomical counting style corresponds to year 019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 19 BCE
geocentric

AUGUST 19 BCE (-18) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 27 47	5♌15'21	3♉58	17♌31	10♋30	28♋48	18°R38	24♎ 6	15°R10	6♎44	12♌37	26°D13	24♐49	11♐42	n.a.	F 1
S 2	20 31 44	6°13'24	18° 1	19°15	11°43	29°27	18♓34	24° 9	15♑ 8	6°45	12°39	26♐13	24°46	11°49	n.a.	S 2
S 3	20 35 40	7°11'30	2♊17	20°58	12°57	0♌ 5	18°30	24°13	15° 6	6°46	12°41	26°15	24°43	11°56	n.a.	S 3
M 4	20 39 37	8° 9'37	16°42	22°39	14°10	0°43	18°26	24°16	15° 3	6°48	12°43	26°16	24°40	12° 2	n.a.	M 4
T 5	20 43 33	9° 7'47	1♋15	24°19	15°23	1°21	18°21	24°19	15° 1	6°49	12°45	26°R16	24°37	12° 9	n.a.	T 5
W 6	20 47 30	10° 5'59	15°51	25°58	16°37	1°59	18°16	24°22	14°59	6°50	12°48	26°15	24°33	12°16	n.a.	W 6
T 7	20 51 26	11° 4'12	0♌24	27°35	17°50	2°38	18°12	24°26	14°57	6°52	12°50	26°11	24°30	12°22	n.a.	T 7
F 8	20 55 23	12° 2'27	14°48	29°12	19° 4	3°16	18° 6	24°29	14°55	6°53	12°52	26° 5	24°27	12°29	n.a.	F 8
S 9	20 59 20	13° 0'45	28°56	0♍47	20°17	3°54	18° 1	24°33	14°53	6°55	12°54	25°58	24°24	12°35	n.a.	S 9
S 10	21 3 16	13°59'04	12♍45	2°21	21°31	4°32	17°56	24°37	14°51	6°56	12°56	25°50	24°21	12°42	n.a.	S 10
M11	21 7 13	14°57'24	26°10	3°54	22°44	5°11	17°50	24°40	14°49	6°58	12°58	25°43	24°18	12°49	n.a.	M11
T 12	21 11 9	15°55'47	9♎12	5°25	23°58	5°49	17°45	24°44	14°47	6°59	13° 0	25°36	24°14	12°55	n.a.	T 12
W13	21 15 6	16°54'11	21°51	6°56	25°12	6°27	17°39	24°48	14°45	7° 1	13° 2	25°31	24°11	13° 2	n.a.	W13
T 14	21 19 2	17°52'37	4♏10	8°25	26°25	7° 6	17°33	24°52	14°43	7° 2	13° 4	25°28	24° 8	13° 9	n.a.	T 14
F 15	21 22 59	18°51'04	16°14	9°53	27°39	7°44	17°27	24°56	14°41	7° 4	13° 6	25°D27	24° 5	13°15	n.a.	F 15
S 16	21 26 55	19°49'34	28° 8	11°20	28°53	8°22	17°21	25° 0	14°40	7° 6	13° 8	25°27	24° 2	13°22	n.a.	S 16
S 17	21 30 52	20°48'05	9♐57	12°46	0♌ 7	9° 0	17°14	25° 4	14°38	7° 7	13°10	25°28	23°59	13°29	n.a.	S 17
M18	21 34 48	21°46'38	21°46	14°10	1°21	9°39	17° 8	25° 9	14°36	7° 9	13°13	25°R29	23°55	13°35	n.a.	M18
T 19	21 38 45	22°45'12	3♑40	15°34	2°35	10°17	17° 1	25°13	14°34	7°11	13°15	25°28	23°52	13°42	n.a.	T 19
W20	21 42 42	23°43'49	15°44	16°56	3°49	10°55	16°54	25°18	14°33	7°13	13°17	25°26	23°49	13°49	n.a.	W20
T 21	21 46 38	24°42'27	28° 0	18°16	5° 3	11°34	16°47	25°22	14°31	7°14	13°19	25°22	23°46	13°55	n.a.	T 21
F 22	21 50 35	25°41'07	10♒32	19°36	6°17	12°12	16°41	25°27	14°29	7°16	13°21	25°15	23°43	14° 2	n.a.	F 22
S 23	21 54 31	26°39'50	23°20	20°53	7°31	12°50	16°33	25°31	14°28	7°18	13°23	25° 6	23°39	14° 9	n.a.	S 23
S 24	21 58 28	27°38'34	6♓25	22°10	8°46	13°28	16°26	25°36	14°26	7°20	13°25	24°55	23°36	14°15	n.a.	S 24
M25	22 2 24	28°37'20	19°44	23°25	10° 0	14° 7	16°19	25°41	14°25	7°22	13°27	24°44	23°33	14°22	n.a.	M25
T 26	22 6 21	29°36'08	3♈17	24°38	11°14	14°45	16°12	25°46	14°23	7°23	13°29	24°34	23°30	14°28	n.a.	T 26
W27	22 10 17	0♍34'59	17° 0	25°49	12°28	15°23	16° 4	25°51	14°22	7°25	13°31	24°26	23°27	14°35	n.a.	W27
T 28	22 14 14	1°33'52	0♉52	26°59	13°43	16° 2	15°57	25°56	14°20	7°27	13°33	24°20	23°24	14°42	n.a.	T 28
F 29	22 18 11	2°32'48	14°49	28° 7	14°57	16°40	15°49	26° 1	14°19	7°29	13°35	24°16	23°20	14°48	n.a.	F 29
S 30	22 22 7	3°31'46	28°51	29°13	16°12	17°18	15°41	26° 6	14°18	7°31	13°37	24°D15	23°17	14°55	n.a.	S 30
S 31	22 26 4	4♍30'46	12♊58	0♎16	17♌26	17♌57	15♓33	26♎11	14♑16	7♎33	13♌39	24♐15	23♐14	15♐ 2	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	19n10	16n50	4n 6	16n57	1n16	23n26	0n10	21n45	1n 9	6s 4	1s39	7s18	2n19	23s22	0s33	0s58	1n53	29n32	12n55	23s39	23s36	23s35		n.a.	F 1
S 2	18 55	20 28	3 13	16 20	1 11	23 23	0 13	21 37	1 9	6 6	1 40	7 20	2 18	23 22	0 33	0 59	1 53	29 31	12 55	23 39	23 36	23 36		n.a.	S 2
S 3	18 40	22 54	2 7	15 42	1 5	23 19	0 15	21 29	1 9	6 8	1 40	7 21	2 18	23 22	0 33	0 59	1 53	29 31	12 55	23 39	23 35	23 36		n.a.	S 3
M 4	18 25	23 53	0 52	15 3	0 59	23 14	0 18	21 21	1 9	6 10	1 40	7 22	2 18	23 23	0 33	1 0	1 53	29 30	12 55	23 39	23 35	23 36		n.a.	M 4
T 5	18 10	23 14	0s27	14 24	0 53	23 8	0 20	21 12	1 10	6 12	1 41	7 24	2 18	23 23	0 33	1 0	1 53	29 30	12 55	23 39	23 35	23 36		n.a.	T 5
W 6	17 54	21 1	1 44	13 44	0 47	23 2	0 23	21 4	1 10	6 14	1 41	7 25	2 17	23 23	0 33	1 1	1 53	29 29	12 55	23 39	23 35	23 36		n.a.	W 6
T 7	17 38	17 27	2 54	13 4	0 40	22 55	0 26	20 55	1 10	6 16	1 41	7 27	2 17	23 23	0 33	1 2	1 53	29 28	12 55	23 38	23 35	23 36		n.a.	T 7
F 8	17 22	12 52	3 52	12 24	0 34	22 47	0 28	20 46	1 10	6 18	1 41	7 28	2 17	23 24	0 33	1 2	1 53	29 28	12 55	23 38	23 35	23 36		n.a.	F 8
S 9	17 5	7 41	4 34	11 44	0 27	22 39	0 31	20 37	1 10	6 20	1 42	7 30	2 17	23 24	0 33	1 3	1 53	29 27	12 55	23 38	23 35	23 36		n.a.	S 9
S 10	16 49	2 14	5 0	11 3	0 19	22 30	0 33	20 28	1 10	6 23	1 42	7 31	2 16	23 24	0 33	1 3	1 53	29 27	12 55	23 38	23 34	23 36		n.a.	S 10
M11	16 31	3s 9	5 8	10 22	0 12	22 20	0 35	20 19	1 10	6 25	1 42	7 33	2 16	23 24	0 33	1 4	1 53	29 26	12 55	23 38	23 34	23 36		n.a.	M11
T 12	16 14	8 15	4 59	9 42	0 5	22 10	0 38	20 9	1 10	6 28	1 42	7 35	2 16	23 25	0 33	1 5	1 53	29 26	12 56	23 37	23 34	23 36		n.a.	T 12
W13	15 56	12 51	4 36	9 1	0s 3	21 59	0 40	20 0	1 10	6 30	1 42	7 36	2 16	23 25	0 33	1 5	1 53	29 25	12 56	23 37	23 34	23 36		n.a.	W13
T 14	15 38	16 49	4 1	8 20	0 11	21 47	0 42	19 50	1 10	6 33	1 43	7 38	2 15	23 25	0 33	1 6	1 53	29 24	12 56	23 37	23 34	23 36		n.a.	T 14
F 15	15 20	19 59	3 15	7 39	0 19	21 35	0 45	19 40	1 11	6 35	1 43	7 40	2 15	23 25	0 33	1 7	1 53	29 24	12 56	23 37	23 34	23 36		n.a.	F 15
S 16	15 2	22 15	2 22	6 59	0 26	21 22	0 47	19 30	1 11	6 38	1 43	7 41	2 15	23 25	0 33	1 7	1 53	29 23	12 56	23 37	23 34	23 36		n.a.	S 16
S 17	14 43	23 32	1 23	6 19	0 34	21 8	0 49	19 20	1 11	6 41	1 43	7 43	2 15	23 26	0 33	1 8	1 53	29 23	12 56	23 37	23 33	23 36		n.a.	S 17
M18	14 24	23 46	0 20	5 38	0 42	20 54	0 51	19 10	1 11	6 43	1 43	7 45	2 15	23 26	0 33	1 9	1 53	29 22	12 56	23 37	23 33	23 36		n.a.	M18
T 19	14 5	22 55	0n44	4 59	0 51	20 39	0 53	18 59	1 11	6 46	1 44	7 47	2 14	23 26	0 33	1 10	1 52	29 22	12 56	23 37	23 33	23 36		n.a.	T 19
W20	13 45	21 0	1 46	4 19	0 59	20 24	0 55	18 49	1 11	6 49	1 44	7 49	2 14	23 26	0 33	1 10	1 52	29 21	12 56	23 37	23 33	23 36		n.a.	W20
T 21	13 26	18 5	2 45	3 40	1 7	20 8	0 57	18 38	1 11	6 52	1 44	7 50	2 14	23 26	0 33	1 11	1 52	29 21	12 57	23 37	23 33	23 36		n.a.	T 21
F 22	13 6	14 19	3 37	3 1	1 15	19 51	0 59	18 27	1 11	6 55	1 44	7 52	2 14	23 26	0 33	1 12	1 52	29 20	12 57	23 37	23 33	23 35		n.a.	F 22
S 23	12 46	9 49	4 19	2 23	1 23	19 34	1 1	18 17	1 11	6 58	1 44	7 54	2 13	23 27	0 33	1 13	1 52	29 20	12 57	23 36	23 33	23 35		n.a.	S 23
S 24	12 25	4 48	4 48	1 45	1 31	19 16	1 3	18 6	1 11	7 1	1 44	7 56	2 13	23 27	0 33	1 13	1 52	29 19	12 57	23 36	23 32	23 35		n.a.	S 24
M25	12 5	0n31	5 2	1 8	1 39	18 58	1 4	17 54	1 11	7 4	1 45	7 58	2 13	23 27	0 33	1 14	1 52	29 19	12 57	23 35	23 32	23 35		n.a.	M25
T 26	11 44	5 54	5 0	0 31	1 47	18 39	1 6	17 43	1 11	7 7	1 45	8 0	2 13	23 27	0 33	1 15	1 52	29 18	12 57	23 35	23 32	23 35		n.a.	T 26
W27	11 23	11 3	4 40	0s 5	1 55	18 19	1 8	17 32	1 11	7 10	1 45	8 2	2 13	23 27	0 33	1 16	1 52	29 18	12 58	23 35	23 32	23 35		n.a.	W27
T 28	11 2	15 42	4 4	0 40	2 3	17 59	1 9	17 20	1 11	7 13	1 45	8 4	2 12	23 27	0 33	1 16	1 52	29 18	12 58	23 34	23 32	23 35		n.a.	T 28
F 29	10 41	19 32	3 13	1 14	2 11	17 39	1 11	17 9	1 11	7 16	1 45	8 6	2 12	23 27	0 32	1 17	1 52	29 17	12 58	23 34	23 32	23 35		n.a.	F 29
S 30	10 19	22 15	2 11	1 47	2 18	17 18	1 12	16 57	1 11	7 19	1 45	8 8	2 12	23 28	0 32	1 18	1 52	29 17	12 58	23 34	23 31	23 35		n.a.	S 30
S 31	9n58	23n35	1n 0	2s20	2s25	16n56	1n14	16n45	1n12	7s22	1s45	8s10	2n12	23s28	0s32	1s19	1n52	29n16	12n58	23s34	23s31	23s35		n.a.	S 31

Julian Day Number = 1714695.5, Delta T = 02h58m58s
Ecliptic obliquity = 23°41'49, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°18'59, Lahiri = - 4°11'59 Julian Calendar 1 Aug. 19 BCE == Greg. Calendar 30 July 019 BCE

The year -18 astronomical counting style corresponds to year 019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 19 BCE
geocentric

SEPTEMBER 19 BCE (-18) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 30 0	5♍29'49	27♊ 7	1♎17	18♌41	18♌35	15°R26	26♎16	14°R15	7♎35	13♌41	24°R15	23♐11	15♐ 8	n.a.	M 1
T 2	22 33 57	6°28'54	11♋17	2°16	19°55	19°14	15♓18	26°22	14♑14	7°37	13°43	24♐14	23° 8	15°15	n.a.	T 2
W 3	22 37 53	7°28'02	25°28	3°12	21°10	19°52	15°10	26°27	14°13	7°39	13°45	24°11	23° 5	15°22	n.a.	W 3
T 4	22 41 50	8°27'12	9♌35	4° 5	22°25	20°30	15° 2	26°32	14°12	7°41	13°47	24° 5	23° 1	15°28	n.a.	T 4
F 5	22 45 46	9°26'24	23°36	4°55	23°39	21° 9	14°54	26°38	14°11	7°43	13°49	23°56	22°58	15°35	n.a.	F 5
S 6	22 49 43	10°25'39	7♍25	5°41	24°54	21°47	14°46	26°43	14°10	7°45	13°51	23°45	22°55	15°42	n.a.	S 6
S 7	22 53 40	11°24'55	20°58	6°23	26° 9	22°26	14°38	26°49	14° 9	7°47	13°53	23°32	22°52	15°48	n.a.	S 7
M 8	22 57 36	12°24'14	4♎14	7° 1	27°24	23° 4	14°30	26°55	14° 8	7°49	13°54	23°20	22°49	15°55	n.a.	M 8
T 9	23 1 33	13°23'34	17° 9	7°35	28°39	23°43	14°21	27° 0	14° 7	7°51	13°56	23° 9	22°45	16° 2	n.a.	T 9
W10	23 5 29	14°22'57	29°45	8° 3	29°53	24°21	14°13	27° 6	14° 6	7°53	13°58	22°59	22°42	16° 8	n.a.	W10
T 11	23 9 26	15°22'22	12♏ 3	8°27	1♍ 8	24°59	14° 5	27°12	14° 5	7°55	14° 0	22°53	22°39	16°15	n.a.	T 11
F 12	23 13 22	16°21'48	24° 6	8°44	2°23	25°38	13°57	27°18	14° 5	7°57	14° 2	22°49	22°36	16°21	n.a.	F 12
S 13	23 17 19	17°21'17	6♐ 0	8°54	3°38	26°16	13°49	27°24	14° 4	7°59	14° 4	22°47	22°33	16°28	n.a.	S 13
S 14	23 21 15	18°20'47	17°48	8°R58	4°53	26°55	13°41	27°30	14° 3	8° 2	14° 6	22°47	22°30	16°35	n.a.	S 14
M15	23 25 12	19°20'19	29°37	8°55	6° 8	27°33	13°33	27°36	14° 3	8° 4	14° 7	22°47	22°26	16°41	n.a.	M15
T 16	23 29 8	20°19'54	11♑32	8°43	7°23	28°12	13°25	27°42	14° 2	8° 6	14° 9	22°46	22°23	16°48	n.a.	T 16
W17	23 33 5	21°19'29	23°38	8°23	8°38	28°50	13°17	27°48	14° 2	8° 8	14°11	22°43	22°20	16°55	n.a.	W17
T 18	23 37 2	22°19'07	6♒ 0	7°55	9°53	29°29	13° 9	27°54	14° 1	8°10	14°13	22°38	22°17	17° 1	n.a.	T 18
F 19	23 40 58	23°18'47	18°41	7°18	11° 8	0♏ 7	13° 1	28° 0	14° 1	8°12	14°14	22°30	22°14	17° 8	n.a.	F 19
S 20	23 44 55	24°18'28	1♓44	6°33	12°24	0°46	12°54	28° 7	14° 1	8°15	14°16	22°19	22°10	17°15	n.a.	S 20
S 21	23 48 51	25°18'12	15° 8	5°40	13°39	1°24	12°46	28°13	14° 0	8°17	14°18	22° 7	22° 7	17°21	n.a.	S 21
M22	23 52 48	26°17'57	28°51	4°39	14°54	2° 3	12°38	28°19	14° 0	8°19	14°19	21°54	22° 4	17°28	n.a.	M22
T 23	23 56 44	27°17'45	12♈50	3°32	16° 9	2°42	12°31	28°25	14° 0	8°21	14°21	21°42	22° 1	17°35	n.a.	T 23
W24	0 0 41	28°17'35	27° 0	2°20	17°24	3°20	12°23	28°32	14° 0	8°23	14°23	21°32	21°58	17°41	n.a.	W24
T 25	0 4 37	29°17'27	11♉16	1° 5	18°40	3°59	12°16	28°38	14° 0	8°26	14°24	21°25	21°55	17°48	n.a.	T 25
F 26	0 8 34	0♎17'21	25°33	29♍49	19°55	4°37	12° 8	28°45	14°D 0	8°28	14°26	21°20	21°51	17°54	n.a.	F 26
S 27	0 12 31	1°17'17	9♊47	28°35	21°10	5°16	12° 1	28°51	14° 0	8°30	14°27	21°18	21°48	18° 1	n.a.	S 27
S 28	0 16 27	2°17'16	23°57	27°24	22°25	5°55	11°54	28°58	14° 0	8°32	14°29	21°D18	21°45	18° 8	n.a.	S 28
M29	0 20 24	3°17'18	8♋ 1	26°19	23°41	6°33	11°47	29° 4	14° 0	8°35	14°30	21°R18	21°42	18°14	n.a.	M29
T 30	0 24 20	4♎17'21	21♋59	25♍21	24♍56	7♍12	11♓40	29♎11	14♑ 0	8♎37	14♌32	21♐17	21♐39	18♐21	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	9n36	23n25	0s15	2s51	2s33	16n34	1n15	16n33	1n12	7s25	1s45	8s12	2n12	23s28	0s32	1s20	1n52	29n16	12n59	23s34	23s31	23s35		n.a.	M 1
T 2	9 14	21 44	1 29	3 21	2 40	16 12	1 16	16 21	1 12	7 28	1 45	8 14	2 11	23 28	0 32	1 20	1 52	29 15	12 59	23 34	23 31	23 34		n.a.	T 2
W 3	8 52	18 42	2 38	3 49	2 46	15 49	1 17	16 9	1 12	7 32	1 46	8 17	2 11	23 28	0 32	1 21	1 52	29 15	12 59	23 34	23 31	23 34		n.a.	W 3
T 4	8 29	14 35	3 36	4 16	2 53	15 25	1 18	15 56	1 12	7 35	1 46	8 19	2 11	23 28	0 32	1 22	1 52	29 15	12 59	23 34	23 31	23 34		n.a.	T 4
F 5	8 7	9 42	4 20	4 42	2 59	15 2	1 19	15 44	1 12	7 38	1 46	8 21	2 11	23 28	0 32	1 23	1 52	29 14	12 59	23 33	23 30	23 34		n.a.	F 5
S 6	7 44	4 25	4 49	5 6	3 4	14 37	1 20	15 31	1 12	7 41	1 46	8 23	2 11	23 28	0 32	1 24	1 52	29 14	13 0	23 33	23 30	23 34		n.a.	S 6
S 7	7 22	0s59	5 1	5 27	3 9	14 13	1 21	15 19	1 12	7 44	1 46	8 25	2 11	23 28	0 32	1 25	1 52	29 13	13 0	23 32	23 30	23 34		n.a.	S 7
M 8	6 59	6 13	4 56	5 47	3 14	13 48	1 22	15 6	1 12	7 47	1 46	8 27	2 10	23 28	0 32	1 25	1 52	29 13	13 0	23 32	23 30	23 34		n.a.	M 8
T 9	6 36	11 2	4 35	6 4	3 18	13 22	1 23	14 53	1 12	7 51	1 46	8 30	2 10	23 29	0 32	1 26	1 52	29 13	13 0	23 31	23 30	23 33		n.a.	T 9
W10	6 13	15 16	4 2	6 19	3 22	12 56	1 24	14 40	1 12	7 54	1 46	8 32	2 10	23 29	0 32	1 27	1 52	29 12	13 1	23 31	23 30	23 33		n.a.	W10
T 11	5 50	18 45	3 18	6 30	3 24	12 30	1 24	14 27	1 12	7 57	1 46	8 34	2 10	23 29	0 32	1 28	1 52	29 12	13 1	23 30	23 29	23 33		n.a.	T 11
F 12	5 26	21 21	2 26	6 39	3 26	12 3	1 25	14 14	1 12	8 0	1 46	8 36	2 10	23 29	0 32	1 29	1 52	29 12	13 1	23 30	23 29	23 33		n.a.	F 12
S 13	5 3	22 59	1 28	6 44	3 27	11 36	1 26	14 1	1 12	8 3	1 46	8 39	2 10	23 29	0 32	1 30	1 52	29 12	13 1	23 30	23 29	23 33		n.a.	S 13
S 14	4 39	23 34	0 26	6 45	3 27	11 9	1 26	13 48	1 12	8 6	1 46	8 41	2 9	23 29	0 32	1 31	1 52	29 11	13 2	23 30	23 29	23 32		n.a.	S 14
M15	4 16	23 6	0n36	6 42	3 25	10 42	1 26	13 34	1 12	8 9	1 46	8 43	2 9	23 29	0 32	1 31	1 52	29 11	13 2	23 30	23 29	23 32		n.a.	M15
T 16	3 52	21 34	1 38	6 35	3 22	10 14	1 27	13 21	1 12	8 13	1 46	8 46	2 9	23 29	0 32	1 32	1 52	29 11	13 2	23 30	23 29	23 32		n.a.	T 16
W17	3 29	19 3	2 36	6 23	3 18	9 46	1 27	13 7	1 12	8 16	1 46	8 48	2 9	23 29	0 32	1 33	1 52	29 10	13 3	23 30	23 28	23 32		n.a.	W17
T 18	3 5	15 37	3 27	6 6	3 12	9 17	1 27	12 54	1 12	8 19	1 46	8 50	2 9	23 29	0 32	1 34	1 52	29 10	13 3	23 29	23 28	23 32		n.a.	T 18
F 19	2 41	11 25	4 10	5 45	3 4	8 49	1 27	12 40	1 12	8 22	1 46	8 53	2 9	23 29	0 32	1 35	1 52	29 10	13 3	23 29	23 28	23 31		n.a.	F 19
S 20	2 17	6 35	4 42	5 18	2 55	8 20	1 27	12 26	1 12	8 25	1 45	8 55	2 9	23 29	0 32	1 36	1 52	29 10	13 4	23 28	23 28	23 31		n.a.	S 20
S 21	1 53	1 21	4 58	4 46	2 43	7 50	1 27	12 12	1 12	8 27	1 45	8 57	2 8	23 29	0 32	1 37	1 52	29 9	13 4	23 28	23 28	23 31		n.a.	S 21
M22	1 29	4n 5	4 58	4 9	2 30	7 21	1 27	11 58	1 12	8 30	1 45	9 0	2 8	23 29	0 32	1 38	1 52	29 9	13 4	23 27	23 27	23 31		n.a.	M22
T 23	1 5	9 25	4 41	3 28	2 15	6 51	1 27	11 44	1 12	8 33	1 45	9 2	2 8	23 29	0 32	1 38	1 52	29 9	13 5	23 26	23 27	23 30		n.a.	T 23
W24	0 41	14 19	4 5	2 44	1 58	6 22	1 27	11 30	1 12	8 36	1 45	9 5	2 8	23 29	0 32	1 39	1 52	29 9	13 5	23 25	23 27	23 30		n.a.	W24
T 25	0 17	18 27	3 15	1 57	1 39	5 52	1 27	11 16	1 12	8 39	1 45	9 7	2 8	23 29	0 32	1 40	1 52	29 9	13 5	23 25	23 27	23 30		n.a.	T 25
F 26	0s 7	21 29	2 12	1 9	1 20	5 22	1 26	11 2	1 12	8 42	1 45	9 9	2 8	23 29	0 32	1 41	1 52	29 9	13 6	23 25	23 27	23 30		n.a.	F 26
S 27	0 31	23 9	1 1	0 20	1 0	4 51	1 26	10 47	1 12	8 44	1 45	9 12	2 8	23 29	0 32	1 42	1 52	29 8	13 6	23 25	23 26	23 29		n.a.	S 27
S 28	0 55	23 19	0s14	0n27	0 39	4 21	1 26	10 33	1 12	8 47	1 45	9 14	2 7	23 29	0 32	1 43	1 52	29 8	13 6	23 24	23 26	23 29		n.a.	S 28
M29	1 19	22 0	1 27	1 12	0 18	3 50	1 25	10 18	1 11	8 49	1 44	9 17	2 7	23 29	0 32	1 44	1 52	29 8	13 7	23 24	23 26	23 29		n.a.	M29
T 30	1s43	19n20	2s35	1n53	0n 2	3n19	1n24	10n 4	1n11	8s52	1s44	9s19	2n 7	23s29	0s32	1s45	1n52	29n 8	13n 7	23s24	23s26	23s29		n.a.	T 30

Julian Day Number = 1714726.5, Delta T = 02h58m57s
Ecliptic obliquity = 23°41'49, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°18'55, Lahiri = - 4°11'54 Julian Calendar 1 Sept. 19 BCE == Greg. Calendar 30 Aug. 019 BCE

The year -18 astronomical counting style corresponds to year 019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 19 BCE
geocentric

OCTOBER 19 BCE (-18) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 28 17	5♎17'27	5♌50	24°R34	26♍11	7♍50	11°R33	29♎18	14♉ 0	8♎39	14♌33	21°R14	21♐36	18♐28	n.a.	W 1
T 2	0 32 13	6°17'35	19°33	23♍56	27°27	8°29	11♓27	29°24	14° 0	8°41	14°35	21♐ 8	21°32	18°34	n.a.	T 2
F 3	0 36 10	7°17'45	3♍ 7	23°30	28°42	9° 8	11°20	29°31	14° 1	8°44	14°36	20°59	21°29	18°41	n.a.	F 3
S 4	0 40 6	8°17'57	16°31	23°16	29°58	9°46	11°14	29°38	14° 1	8°46	14°38	20°48	21°26	18°48	n.a.	S 4
S 5	0 44 3	9°18'11	29°43	23°D13	1♎13	10°25	11° 8	29°45	14° 2	8°48	14°39	20°36	21°23	18°54	n.a.	S 5
M 6	0 47 59	10°18'27	12♎40	23°21	2°28	11° 4	11° 1	29°51	14° 2	8°50	14°40	20°23	21°20	19° 1	n.a.	M 6
T 7	0 51 56	11°18'45	25°22	23°40	3°44	11°43	10°55	29°58	14° 3	8°53	14°42	20°12	21°16	19° 8	n.a.	T 7
W 8	0 55 53	12°19'04	7♏49	24° 8	4°59	12°21	10°50	0♏ 5	14° 3	8°55	14°43	20° 2	21°13	19°14	n.a.	W 8
T 9	0 59 49	13°19'26	20° 1	24°46	6°15	13° 0	10°44	0°12	14° 4	8°57	14°44	19°55	21°10	19°21	n.a.	T 9
F 10	1 3 46	14°19'49	2♐ 1	25°31	7°30	13°39	10°38	0°19	14° 4	8°59	14°46	19°51	21° 7	19°28	n.a.	F 10
S 11	1 7 42	15°20'14	13°52	26°24	8°46	14°18	10°33	0°26	14° 5	9° 2	14°47	19°49	21° 4	19°34	n.a.	S 11
S 12	1 11 39	16°20'40	25°39	27°24	10° 1	14°56	10°28	0°33	14° 6	9° 4	14°48	19°D49	21° 1	19°41	n.a.	S 12
M13	1 15 35	17°21'08	7♑27	28°28	11°17	15°35	10°23	0°40	14° 7	9° 6	14°49	19°50	20°57	19°47	n.a.	M13
T 14	1 19 32	18°21'37	19°20	29°38	12°32	16°14	10°18	0°46	14° 8	9° 8	14°50	19°R50	20°54	19°54	n.a.	T 14
W15	1 23 28	19°22'07	1♒25	0♎52	13°48	16°53	10°14	0°53	14° 9	9°11	14°51	19°49	20°51	20° 1	n.a.	W15
T 16	1 27 25	20°22'39	13°47	2° 9	15° 3	17°31	10° 9	1° 0	14°10	9°13	14°52	19°47	20°48	20° 7	n.a.	T 16
F 17	1 31 22	21°23'13	26°30	3°29	16°19	18°10	10° 5	1° 7	14°11	9°15	14°54	19°41	20°45	20°14	n.a.	F 17
S 18	1 35 18	22°23'47	9♓37	4°52	17°34	18°49	10° 1	1°14	14°12	9°17	14°55	19°34	20°42	20°21	n.a.	S 18
S 19	1 39 15	23°24'23	23°10	6°17	18°50	19°28	9°57	1°21	14°13	9°19	14°56	19°25	20°38	20°27	n.a.	S 19
M20	1 43 11	24°25'01	7♈ 8	7°44	20° 5	20° 7	9°53	1°28	14°14	9°22	14°57	19°16	20°35	20°34	n.a.	M20
T 21	1 47 8	25°25'39	21°27	9°12	21°21	20°46	9°50	1°36	14°15	9°24	14°57	19° 7	20°32	20°41	n.a.	T 21
W22	1 51 4	26°26'20	6♉ 2	10°42	22°36	21°24	9°46	1°43	14°17	9°26	14°58	18°59	20°29	20°47	n.a.	W22
T 23	1 55 1	27°27'02	20°44	12°12	23°52	22° 3	9°43	1°50	14°18	9°28	14°59	18°54	20°26	20°54	n.a.	T 23
F 24	1 58 57	28°27'46	5♊28	13°44	25° 7	22°42	9°40	1°57	14°19	9°30	15° 0	18°51	20°22	21° 1	n.a.	F 24
S 25	2 2 54	29°28'31	20° 6	15°16	26°23	23°21	9°37	2° 4	14°21	9°32	15° 1	18°D50	20°19	21° 7	n.a.	S 25
S 26	2 6 51	0♏29'18	4♋33	16°48	27°39	24° 0	9°35	2°11	14°22	9°35	15° 2	18°51	20°16	21°14	n.a.	S 26
M27	2 10 47	1°30'06	18°46	18°21	28°54	24°39	9°32	2°18	14°24	9°37	15° 3	18°52	20°13	21°20	n.a.	M27
T 28	2 14 44	2°30'57	2♌45	19°54	0♏10	25°18	9°30	2°25	14°25	9°39	15° 3	18°R52	20°10	21°27	n.a.	T 28
W29	2 18 40	3°31'49	16°28	21°28	1°25	25°57	9°28	2°32	14°27	9°41	15° 4	18°51	20° 7	21°34	n.a.	W29
T 30	2 22 37	4°32'42	29°56	23° 2	2°41	26°36	9°27	2°39	14°29	9°43	15° 5	18°49	20° 3	21°40	n.a.	T 30
F 31	2 26 33	5♏33'37	13♍11	24♎35	3♏56	27♍15	9♓25	2♏46	14♉30	9♎45	15♌ 5	18♐44	20♐ 0	21♐47	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	2s 7	15n35	3s33	2n30	0n21	2n49	1n24	9n49	1n11	8s54	1s44	9s22	2n 7	23s29	0s32	1s46	1n52	29n 8	13n 7	23s24	23s26	23s28			n.a.
T 2	2 31	11 2	4 18	3 2	0 39	2 18	1 23	9 35	1 11	8 57	1 44	9 24	2 7	23 29	0 32	1 47	1 52	29 8	13 8	23 24	23 25	23 28			n.a.
F 3	2 56	6 0	4 47	3 27	0 56	1 47	1 22	9 20	1 11	8 59	1 44	9 27	2 7	23 29	0 32	1 47	1 52	29 8	13 8	23 23	23 25	23 28			n.a.
S 4	3 20	0 46	5 1	3 47	1 11	1 16	1 21	9 5	1 11	9 1	1 44	9 29	2 7	23 29	0 32	1 48	1 52	29 8	13 9	23 22	23 25	23 27			n.a.
S 5	3 44	4s26	4 58	4 0	1 24	0 44	1 21	8 50	1 11	9 4	1 43	9 32	2 7	23 29	0 32	1 49	1 52	29 8	13 9	23 22	23 25	23 27			n.a.
M 6	4 7	9 20	4 40	4 8	1 36	0 13	1 20	8 35	1 11	9 6	1 43	9 34	2 7	23 29	0 32	1 50	1 52	29 7	13 9	23 21	23 25	23 27			n.a.
T 7	4 31	13 45	4 8	4 9	1 45	0s18	1 19	8 20	1 11	9 8	1 43	9 37	2 7	23 28	0 32	1 51	1 52	29 7	13 10	23 20	23 24	23 26			n.a.
W 8	4 55	17 28	3 24	4 5	1 54	0 49	1 17	8 5	1 11	9 10	1 43	9 39	2 6	23 28	0 32	1 52	1 52	29 7	13 10	23 19	23 24	23 26			n.a.
T 9	5 19	20 22	2 32	3 57	2 0	1 20	1 16	7 50	1 11	9 12	1 43	9 42	2 6	23 28	0 32	1 53	1 52	29 7	13 11	23 19	23 24	23 26			n.a.
F 10	5 43	22 19	1 34	3 43	2 6	1 52	1 15	7 35	1 11	9 14	1 42	9 44	2 6	23 28	0 32	1 54	1 52	29 7	13 11	23 18	23 24	23 25			n.a.
S 11	6 6	23 14	0 32	3 25	2 10	2 23	1 14	7 20	1 11	9 16	1 42	9 47	2 6	23 28	0 32	1 55	1 52	29 7	13 11	23 18	23 24	23 25			n.a.
S 12	6 30	23 6	0n31	3 4	2 12	2 54	1 13	7 5	1 11	9 18	1 42	9 49	2 6	23 28	0 32	1 55	1 52	29 7	13 12	23 18	23 23	23 25			n.a.
M13	6 53	21 56	1 33	2 39	2 14	3 25	1 11	6 49	1 11	9 19	1 42	9 52	2 6	23 28	0 32	1 56	1 52	29 7	13 12	23 18	23 23	23 24			n.a.
T 14	7 16	19 47	2 31	2 12	2 14	3 56	1 10	6 34	1 10	9 21	1 42	9 54	2 6	23 28	0 32	1 57	1 52	29 7	13 13	23 18	23 23	23 24			n.a.
W15	7 40	16 45	3 24	1 42	2 14	4 27	1 8	6 19	1 10	9 22	1 41	9 57	2 6	23 28	0 32	1 58	1 52	29 7	13 13	23 18	23 23	23 23			n.a.
T 16	8 3	12 55	4 8	1 9	2 12	4 58	1 7	6 3	1 10	9 24	1 41	9 59	2 6	23 27	0 32	1 59	1 52	29 8	13 13	23 18	23 22	23 23			n.a.
F 17	8 26	8 25	4 41	0 35	2 10	5 29	1 5	5 48	1 10	9 25	1 41	10 2	2 6	23 27	0 32	2 0	1 52	29 8	13 14	23 17	23 22	23 23			n.a.
S 18	8 48	3 24	5 1	0s 0	2 8	5 59	1 4	5 33	1 10	9 27	1 41	10 4	2 6	23 27	0 32	2 1	1 52	29 8	13 14	23 17	23 22	23 22			n.a.
S 19	9 11	1n55	5 5	0 37	2 4	6 30	1 2	5 17	1 10	9 28	1 40	10 7	2 6	23 27	0 32	2 1	1 52	29 8	13 15	23 16	23 22	23 22			n.a.
M20	9 34	7 18	4 51	1 16	2 0	7 0	1 0	5 2	1 10	9 29	1 40	10 9	2 6	23 27	0 31	2 2	1 52	29 8	13 15	23 15	23 22	23 22			n.a.
T 21	9 56	12 27	4 19	1 55	1 56	7 31	0 59	4 46	1 10	9 30	1 40	10 12	2 6	23 27	0 31	2 3	1 52	29 8	13 16	23 15	23 21	23 21			n.a.
W22	10 18	16 58	3 29	2 34	1 52	8 1	0 57	4 30	1 10	9 31	1 40	10 14	2 6	23 27	0 31	2 4	1 52	29 8	13 16	23 14	23 21	23 21			n.a.
T 23	10 41	20 28	2 25	3 15	1 46	8 31	0 55	4 15	1 9	9 32	1 39	10 17	2 5	23 26	0 31	2 5	1 52	29 8	13 17	23 14	23 21	23 20			n.a.
F 24	11 3	22 37	1 11	3 55	1 41	9 0	0 53	3 59	1 9	9 33	1 39	10 19	2 5	23 26	0 31	2 6	1 52	29 8	13 17	23 13	23 21	23 20			n.a.
S 25	11 24	23 13	0s 7	4 36	1 35	9 30	0 51	3 43	1 9	9 34	1 39	10 22	2 5	23 26	0 31	2 6	1 52	29 9	13 17	23 13	23 20	23 19			n.a.
S 26	11 46	22 13	1 24	5 18	1 30	9 59	0 49	3 28	1 9	9 35	1 38	10 24	2 5	23 26	0 31	2 7	1 52	29 9	13 18	23 13	23 20	23 19			n.a.
M27	12 7	19 49	2 35	5 59	1 24	10 28	0 47	3 12	1 9	9 35	1 38	10 26	2 5	23 26	0 31	2 8	1 52	29 9	13 18	23 13	23 20	23 19			n.a.
T 28	12 29	16 16	3 35	6 40	1 17	10 57	0 45	2 56	1 9	9 36	1 38	10 29	2 5	23 26	0 31	2 9	1 52	29 9	13 19	23 13	23 20	23 18			n.a.
W29	12 50	11 55	4 22	7 22	1 11	11 25	0 43	2 41	1 9	9 36	1 38	10 31	2 5	23 25	0 31	2 10	1 52	29 9	13 19	23 13	23 19	23 18			n.a.
T 30	13 10	7 3	4 53	8 3	1 4	11 54	0 41	2 25	1 8	9 37	1 37	10 34	2 5	23 25	0 31	2 11	1 52	29 10	13 20	23 13	23 19	23 17			n.a.
F 31	13s31	1n57	5s 8	8s44	0n58	12s21	0n39	2n 9	1n 8	9s37	1s37	10s36	2n 5	23s25	0s31	2s11	1n52	29n10	13n20	23s13	23s19	23s17			n.a.

Julian Day Number = 1714756.5, Delta T = 02h58m56s
Ecliptic obliquity = 23°41'49, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°18'51, Lahiri = - 4°11'50 Julian Calendar 1 Oct. 19 BCE == Greg. Calendar 29 Sept. 019 BCE

The year -18 astronomical counting style corresponds to year 019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 19 BCE
geocentric

NOVEMBER 19 BCE (-18) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 30 30	6♏34'33	26♍12	26♎ 9	5♏12	27♍54	9°R24	2♏53	14♉32	9♎47	15♌ 6	18°R37	19♐57	21♐54	n.a.	S 1
S 2	2 34 26	7°35'30	9♎ 1	27°43	6°28	28°33	9♓23	3° 0	14°34	9°49	15° 7	18♐30	19°54	22° 0	n.a.	S 2
M 3	2 38 23	8°36'29	21°38	29°17	7°43	29°12	9°22	3° 7	14°36	9°51	15° 7	18°22	19°51	22° 7	n.a.	M 3
T 4	2 42 20	9°37'29	4♏ 2	0♏51	8°59	29°51	9°21	3°14	14°38	9°53	15° 8	18°15	19°47	22°14	n.a.	T 4
W 5	2 46 16	10°38'31	16°16	2°25	10°14	0♎30	9°21	3°21	14°40	9°55	15° 8	18° 9	19°44	22°20	n.a.	W 5
T 6	2 50 13	11°39'33	28°19	3°59	11°30	1° 9	9°20	3°28	14°42	9°57	15° 9	18° 5	19°41	22°27	n.a.	T 6
F 7	2 54 9	12°40'36	10♐14	5°33	12°46	1°48	9°D20	3°35	14°44	9°59	15° 9	18° 3	19°38	22°34	n.a.	F 7
S 8	2 58 6	13°41'40	22° 3	7° 7	14° 1	2°27	9°20	3°43	14°46	10° 1	15° 9	18°D 3	19°35	22°40	n.a.	S 8
S 9	3 2 2	14°42'45	3♉49	8°41	15°17	3° 6	9°21	3°50	14°48	10° 3	15°10	18° 4	19°32	22°47	n.a.	S 9
M10	3 5 59	15°43'51	15°36	10°15	16°32	3°45	9°21	3°56	14°50	10° 5	15°10	18° 6	19°28	22°54	n.a.	M10
T 11	3 9 55	16°44'57	27°28	11°49	17°48	4°24	9°22	4° 3	14°52	10° 7	15°10	18° 8	19°25	23° 0	n.a.	T 11
W12	3 13 52	17°46'04	9♒31	13°23	19° 3	5° 3	9°23	4°10	14°54	10° 9	15°11	18° 9	19°22	23° 7	n.a.	W12
T 13	3 17 49	18°47'11	21°49	14°57	20°19	5°42	9°24	4°17	14°57	10°11	15°11	18°R 9	19°19	23°13	n.a.	T 13
F 14	3 21 45	19°48'19	4♓27	16°31	21°34	6°21	9°26	4°24	14°59	10°13	15°11	18° 8	19°16	23°20	n.a.	F 14
S 15	3 25 42	20°49'27	17°29	18° 6	22°50	7° 0	9°27	4°31	15° 1	10°14	15°11	18° 6	19°13	23°27	n.a.	S 15
S 16	3 29 38	21°50'35	0♈59	19°40	24° 5	7°39	9°29	4°38	15° 4	10°16	15°11	18° 3	19° 9	23°33	n.a.	S 16
M17	3 33 35	22°51'44	14°57	21°14	25°21	8°18	9°31	4°45	15° 6	10°18	15°11	17°59	19° 6	23°40	n.a.	M17
T 18	3 37 31	23°52'54	29°21	22°49	26°37	8°58	9°33	4°52	15° 9	10°20	15°11	17°55	19° 3	23°47	n.a.	T 18
W19	3 41 28	24°54'04	14♉ 6	24°23	27°52	9°37	9°36	4°59	15°11	10°21	15°12	17°52	19° 0	23°53	n.a.	W19
T 20	3 45 24	25°55'14	29° 6	25°58	29° 8	10°16	9°38	5° 5	15°14	10°23	15°R12	17°50	18°57	24° 0	n.a.	T 20
F 21	3 49 21	26°56'25	14♊12	27°33	0♐23	10°55	9°41	5°12	15°16	10°25	15°12	17°D49	18°53	24° 7	n.a.	F 21
S 22	3 53 18	27°57'36	29°15	29° 8	1°39	11°34	9°44	5°19	15°19	10°26	15°11	17°49	18°50	24°13	n.a.	S 22
S 23	3 57 14	28°58'49	14♋ 6	0♐44	2°54	12°13	9°47	5°25	15°21	10°28	15°11	17°50	18°47	24°20	n.a.	S 23
M24	4 1 11	0♐ 0'01	28°40	2°19	4° 9	12°53	9°51	5°32	15°24	10°30	15°11	17°52	18°44	24°27	n.a.	M24
T 25	4 5 7	1° 1'14	12♌52	3°55	5°25	13°32	9°54	5°39	15°27	10°31	15°11	17°53	18°41	24°33	n.a.	T 25
W26	4 9 4	2° 2'28	26°42	5°31	6°40	14°11	9°58	5°45	15°30	10°33	15°11	17°R54	18°38	24°40	n.a.	W26
T 27	4 13 0	3° 3'42	10♍ 9	7° 7	7°56	14°50	10° 2	5°52	15°32	10°34	15°11	17°54	18°34	24°47	n.a.	T 27
F 28	4 16 57	4° 4'57	23°15	8°43	9°11	15°29	10° 6	5°58	15°35	10°36	15°10	17°53	18°31	24°53	n.a.	F 28
S 29	4 20 54	5° 6'12	6♎ 3	10°20	10°27	16° 9	10°11	6° 5	15°38	10°38	15°10	17°52	18°28	25° 0	n.a.	S 29
S 30	4 24 50	6♐ 7'28	18♎36	11♐57	11♐42	16♎48	10♓15	6♏11	15♉41	10♎39	15♌10	17♐50	18♐25	25♐ 6	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s51	3s10	5s 7	9s25	0n51	12s49	0n37	1n53	1n 8	9s37	1s37	10s39	2n 5	23s25	0s31	2s12	1n52	29n10	13n21	23s12	23s19	23s16		n.a.
S 2	14 12	8 3	4 50	10 5	0 44	13 16	0 35	1 37	1 8	9 37	1 36	10 41	2 5	23 25	0 31	2 13	1 52	29 10	13 21	23 12	23 18	23 16		n.a.
M 3	14 31	12 31	4 19	10 45	0 38	13 43	0 32	1 22	1 8	9 37	1 36	10 44	2 5	23 24	0 31	2 14	1 52	29 11	13 22	23 11	23 18	23 15		n.a.
T 4	14 51	16 24	3 37	11 25	0 31	14 10	0 30	1 6	1 8	9 37	1 36	10 46	2 5	23 24	0 31	2 14	1 52	29 11	13 22	23 10	23 18	23 15		n.a.
W 5	15 10	19 30	2 45	12 4	0 24	14 36	0 28	0 50	1 7	9 37	1 36	10 48	2 5	23 24	0 31	2 15	1 52	29 11	13 23	23 10	23 18	23 14		n.a.
T 6	15 30	21 43	1 46	12 43	0 17	15 2	0 26	0 34	1 7	9 37	1 35	10 51	2 5	23 24	0 31	2 16	1 52	29 12	13 23	23 9	23 17	23 14		n.a.
F 7	15 49	22 56	0 43	13 21	0 11	15 28	0 23	0 18	1 7	9 37	1 35	10 53	2 5	23 23	0 31	2 17	1 52	29 12	13 24	23 9	23 17	23 13		n.a.
S 8	16 7	23 5	0n22	13 59	0 4	15 53	0 21	0 2	1 7	9 37	1 35	10 56	2 5	23 23	0 31	2 17	1 52	29 12	13 24	23 9	23 17	23 13		n.a.
S 9	16 25	22 13	1 25	14 36	0s 3	16 18	0 19	0s14	1 7	9 36	1 34	10 58	2 5	23 23	0 31	2 18	1 52	29 13	13 25	23 9	23 17	23 12		n.a.
M10	16 44	20 22	2 25	15 12	0 9	16 42	0 16	0 29	1 7	9 36	1 34	11 0	2 5	23 23	0 31	2 19	1 52	29 13	13 25	23 9	23 16	23 12		n.a.
T 11	17 1	17 38	3 20	15 48	0 16	17 6	0 14	0 45	1 6	9 35	1 34	11 3	2 5	23 22	0 31	2 20	1 52	29 13	13 26	23 10	23 16	23 11		n.a.
W12	17 19	14 7	4 6	16 23	0 23	17 29	0 12	1 1	1 6	9 34	1 33	11 5	2 5	23 22	0 31	2 20	1 52	29 14	13 26	23 10	23 16	23 11		n.a.
T 13	17 36	9 56	4 42	16 57	0 29	17 52	0 9	1 17	1 6	9 34	1 33	11 7	2 5	23 22	0 31	2 21	1 52	29 14	13 27	23 10	23 16	23 10		n.a.
F 14	17 53	5 14	5 6	17 31	0 35	18 14	0 7	1 33	1 6	9 33	1 33	11 10	2 5	23 22	0 31	2 22	1 53	29 14	13 27	23 10	23 15	23 10		n.a.
S 15	18 9	0 10	5 14	18 4	0 41	18 36	0 5	1 49	1 5	9 32	1 32	11 12	2 5	23 21	0 31	2 22	1 53	29 15	13 27	23 9	23 15	23 9		n.a.
S 16	18 25	5n 4	5 7	18 36	0 48	18 58	0 2	2 4	1 5	9 31	1 32	11 14	2 5	23 21	0 31	2 23	1 53	29 15	13 28	23 9	23 15	23 9		n.a.
M17	18 41	10 15	4 41	19 7	0 53	19 18	0s 0	2 20	1 5	9 30	1 32	11 17	2 5	23 21	0 31	2 24	1 53	29 16	13 28	23 9	23 15	23 8		n.a.
T 18	18 57	15 2	3 56	19 38	0 59	19 39	0 2	2 36	1 5	9 29	1 32	11 19	2 5	23 20	0 31	2 24	1 53	29 16	13 29	23 8	23 14	23 7		n.a.
W19	19 12	19 2	2 56	20 7	1 5	19 59	0 5	2 52	1 5	9 28	1 31	11 21	2 5	23 20	0 31	2 25	1 53	29 17	13 29	23 8	23 14	23 7		n.a.
T 20	19 27	21 50	1 42	20 36	1 10	20 18	0 7	3 7	1 4	9 26	1 31	11 23	2 5	23 20	0 31	2 26	1 53	29 17	13 30	23 8	23 14	23 6		n.a.
F 21	19 41	23 5	0 20	21 3	1 16	20 36	0 10	3 23	1 4	9 25	1 31	11 26	2 5	23 19	0 31	2 26	1 53	29 17	13 30	23 8	23 14	23 6		n.a.
S 22	19 55	22 39	1s 3	21 30	1 21	20 54	0 12	3 39	1 4	9 24	1 30	11 28	2 5	23 19	0 31	2 27	1 53	29 18	13 31	23 8	23 13	23 5		n.a.
S 23	20 9	20 37	2 20	21 55	1 26	21 12	0 14	3 54	1 4	9 22	1 30	11 30	2 5	23 19	0 31	2 28	1 53	29 18	13 31	23 8	23 13	23 5		n.a.
M24	20 22	17 16	3 27	22 20	1 31	21 29	0 17	4 10	1 3	9 20	1 30	11 32	2 6	23 18	0 31	2 28	1 53	29 19	13 32	23 8	23 13	23 4		n.a.
T 25	20 35	12 59	4 20	22 43	1 35	21 45	0 19	4 26	1 3	9 19	1 29	11 34	2 6	23 18	0 31	2 29	1 53	29 19	13 32	23 8	23 12	23 3		n.a.
W26	20 48	8 7	4 56	23 5	1 40	22 0	0 21	4 41	1 3	9 17	1 29	11 37	2 6	23 18	0 31	2 29	1 53	29 20	13 33	23 8	23 12	23 3		n.a.
T 27	21 0	3 0	5 14	23 26	1 44	22 15	0 24	4 57	1 2	9 15	1 29	11 39	2 6	23 17	0 31	2 30	1 53	29 20	13 33	23 8	23 12	23 2		n.a.
F 28	21 11	2s 7	5 16	23 46	1 47	22 30	0 26	5 12	1 2	9 13	1 29	11 41	2 6	23 17	0 31	2 30	1 53	29 21	13 34	23 8	23 12	23 1		n.a.
S 29	21 23	7 2	5 1	24 4	1 51	22 43	0 28	5 28	1 2	9 11	1 28	11 43	2 6	23 17	0 31	2 31	1 53	29 22	13 34	23 8	23 11	23 1		n.a.
S 30	21s34	11s33	4s33	24s21	1s54	22s56	0s31	5s43	1n 2	9s 9	1s28	11s45	2n 6	23s16	0s31	2s32	1n53	29n22	13n35	23s 8	23s11	23s 0		n.a.

Julian Day Number = 1714787.5, Delta T = 02h58m55s
Ecliptic obliquity = 23°41'48, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°18'47, Lahiri = - 4°11'46 Julian Calendar 1 Nov. 19 BCE == Greg. Calendar 30 Oct. 019 BCE

The year -18 astronomical counting style corresponds to year 019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 19 BCE
geocentric

DECEMBER 19 BCE (-18) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 28 47	7♐ 8'44	0♏56	13♐34	12♐58	17♎27	10♓20	6♏18	15♑44	10♎40	15°R 9	17°R48	18♐22	25♐13	n.a.	M 1
T 2	4 32 43	8°10'00	13° 5	15°11	14°13	18° 6	10°25	6°24	15°47	10°42	15♌ 9	17♐47	18°19	25°20	n.a.	T 2
W 3	4 36 40	9°11'16	25° 5	16°49	15°29	18°45	10°30	6°31	15°50	10°43	15° 9	17°46	18°15	25°26	n.a.	W 3
T 4	4 40 36	10°12'33	6♐59	18°27	16°44	19°25	10°35	6°37	15°53	10°45	15° 8	17°45	18°12	25°33	n.a.	T 4
F 5	4 44 33	11°13'49	18°49	20° 5	17°59	20° 4	10°41	6°43	15°56	10°46	15° 8	17°D45	18° 9	25°40	n.a.	F 5
S 6	4 48 29	12°15'05	0♑36	21°43	19°15	20°43	10°46	6°49	15°59	10°47	15° 7	17°45	18° 6	25°46	n.a.	S 6
S 7	4 52 26	13°16'21	12°23	23°21	20°30	21°23	10°52	6°56	16° 2	10°49	15° 7	17°45	18° 3	25°53	n.a.	S 7
M 8	4 56 23	14°17'37	24°13	25° 0	21°46	22° 2	10°58	7° 2	16° 5	10°50	15° 6	17°46	17°59	26° 0	n.a.	M 8
T 9	5 0 19	15°18'52	6♒ 8	26°38	23° 1	22°41	11° 4	7° 8	16° 8	10°51	15° 6	17°46	17°56	26° 6	n.a.	T 9
W10	5 4 16	16°20'07	18°12	28°16	24°16	23°20	11°11	7°14	16°11	10°52	15° 5	17°46	17°53	26°13	n.a.	W10
T 11	5 8 12	17°21'21	0♓29	29°54	25°32	24° 0	11°17	7°20	16°14	10°53	15° 4	17°46	17°50	26°20	n.a.	T 11
F 12	5 12 9	18°22'35	13° 3	1♑32	26°47	24°39	11°24	7°26	16°17	10°54	15° 4	17°46	17°47	26°26	n.a.	F 12
S 13	5 16 5	19°23'47	25°58	3° 9	28° 2	25°18	11°31	7°32	16°21	10°56	15° 3	17°47	17°44	26°33	n.a.	S 13
S 14	5 20 2	20°25'00	9♈18	4°46	29°18	25°57	11°38	7°37	16°24	10°57	15° 2	17°47	17°40	26°39	n.a.	S 14
M15	5 23 58	21°26'11	23° 4	6°22	0♑33	26°37	11°45	7°43	16°27	10°58	15° 1	17°47	17°37	26°46	n.a.	M15
T 16	5 27 55	22°27'22	7♉17	7°56	1°48	27°16	11°52	7°49	16°30	10°59	15° 1	17°47	17°34	26°53	n.a.	T 16
W17	5 31 52	23°28'32	21°55	9°30	3° 4	27°55	12° 0	7°55	16°34	11° 0	15° 0	17°48	17°31	26°59	n.a.	W17
T 18	5 35 48	24°29'41	6♊54	11° 1	4°19	28°35	12° 8	8° 0	16°37	11° 1	14°59	17°48	17°28	27° 6	n.a.	T 18
F 19	5 39 45	25°30'49	22° 6	12°31	5°34	29°14	12°15	8° 6	16°40	11° 1	14°58	17°R48	17°25	27°13	n.a.	F 19
S 20	5 43 41	26°31'57	7♋22	13°58	6°49	29°53	12°23	8°11	16°43	11° 2	14°57	17°48	17°21	27°19	n.a.	S 20
S 21	5 47 38	27°33'05	22°30	15°21	8° 5	0♏33	12°31	8°17	16°47	11° 3	14°56	17°47	17°18	27°26	n.a.	S 21
M22	5 51 34	28°34'11	7♌24	16°42	9°20	1°12	12°40	8°22	16°50	11° 4	14°55	17°46	17°15	27°33	n.a.	M22
T 23	5 55 31	29°35'17	21°55	17°58	10°35	1°51	12°48	8°27	16°54	11° 5	14°54	17°44	17°12	27°39	n.a.	T 23
W24	5 59 28	0♑36'22	5♍59	19° 9	11°50	2°31	12°57	8°32	16°57	11° 6	14°53	17°43	17° 9	27°46	n.a.	W24
T 25	6 3 24	1°37'27	19°35	20°14	13° 5	3°10	13° 5	8°38	17° 0	11° 6	14°52	17°42	17° 5	27°53	n.a.	T 25
F 26	6 7 21	2°38'31	2♎45	21°13	14°21	3°49	13°14	8°43	17° 4	11° 7	14°51	17°D42	17° 2	27°59	n.a.	F 26
S 27	6 11 17	3°39'35	15°31	22° 4	15°36	4°29	13°23	8°48	17° 7	11° 8	14°50	17°42	16°59	28° 6	n.a.	S 27
S 28	6 15 14	4°40'38	27°58	22°47	16°51	5° 8	13°32	8°53	17°11	11° 8	14°49	17°43	16°56	28°13	n.a.	S 28
M29	6 19 10	5°41'40	10♏ 9	23°21	18° 6	5°47	13°41	8°58	17°14	11° 9	14°48	17°45	16°53	28°19	n.a.	M29
T 30	6 23 7	6°42'42	22° 8	23°45	19°21	6°27	13°51	9° 2	17°17	11° 9	14°47	17°46	16°50	28°26	n.a.	T 30
W31	6 27 3	7♑43'42	4♐ 0	23♑59	20♑36	7♏ 6	14♓ 0	9♏ 7	17♑21	11♎10	14♌46	17♐48	16♐46	28♐33	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s44	15s32	3s52	24s37	1s57	23s 8	0s33	5s59	1n 1	9s 7	1s28	11s47	2n 6	23s16	0s31	2s32	1n53	29n23	13n35	23s 8	23s11	23s 0		n.a.
T 2	21 54	18 48	3 1	24 51	2 0	23 20	0 35	6 14	1 1	9 5	1 27	11 49	2 6	23 16	0 31	2 33	1 53	29 23	13 36	23 8	23 11	22 59		n.a.
W 3	22 4	21 13	2 3	25 3	2 2	23 31	0 37	6 30	1 1	9 3	1 27	11 51	2 6	23 15	0 31	2 33	1 53	29 24	13 36	23 8	23 10	22 58		n.a.
T 4	22 13	22 41	0 59	25 15	2 4	23 41	0 39	6 45	1 0	9 1	1 27	11 53	2 6	23 15	0 31	2 34	1 54	29 24	13 36	23 8	23 10	22 58		n.a.
F 5	22 22	23 7	0n 6	25 24	2 5	23 50	0 42	7 0	1 0	8 58	1 26	11 55	2 6	23 15	0 31	2 34	1 54	29 25	13 37	23 7	23 10	22 57		n.a.
S 6	22 30	22 31	1 11	25 32	2 6	23 59	0 44	7 15	1 0	8 56	1 26	11 57	2 6	23 14	0 31	2 34	1 54	29 25	13 37	23 8	23 9	22 56		n.a.
S 7	22 38	20 54	2 13	25 39	2 7	24 7	0 46	7 31	0 59	8 53	1 26	11 59	2 6	23 14	0 31	2 35	1 54	29 26	13 38	23 8	23 9	22 56		n.a.
M 8	22 46	18 24	3 9	25 43	2 7	24 14	0 48	7 46	0 59	8 51	1 26	12 1	2 6	23 14	0 31	2 35	1 54	29 27	13 38	23 8	23 9	22 55		n.a.
T 9	22 53	15 6	3 58	25 46	2 7	24 20	0 50	8 1	0 59	8 48	1 25	12 3	2 7	23 13	0 31	2 36	1 54	29 27	13 39	23 8	23 9	22 54		n.a.
W10	22 59	11 9	4 37	25 47	2 6	24 26	0 52	8 16	0 58	8 45	1 25	12 5	2 7	23 13	0 31	2 36	1 54	29 28	13 39	23 8	23 8	22 54		n.a.
T 11	23 5	6 41	5 4	25 47	2 5	24 31	0 54	8 31	0 58	8 43	1 25	12 7	2 7	23 12	0 31	2 37	1 54	29 28	13 40	23 8	23 8	22 53		n.a.
F 12	23 11	1 51	5 17	25 44	2 3	24 35	0 56	8 46	0 57	8 40	1 24	12 8	2 7	23 12	0 31	2 37	1 54	29 29	13 40	23 8	23 8	22 52		n.a.
S 13	23 16	3n12	5 15	25 40	2 0	24 38	0 58	9 0	0 57	8 37	1 24	12 10	2 7	23 12	0 31	2 37	1 54	29 30	13 40	23 8	23 7	22 52		n.a.
S 14	23 21	8 15	4 56	25 33	1 57	24 41	0 59	9 15	0 57	8 34	1 24	12 12	2 7	23 11	0 31	2 38	1 54	29 30	13 41	23 8	23 7	22 51		n.a.
M15	23 25	13 4	4 20	25 25	1 53	24 43	1 1	9 30	0 56	8 31	1 24	12 14	2 7	23 11	0 31	2 38	1 54	29 31	13 41	23 8	23 7	22 50		n.a.
T 16	23 29	17 21	3 27	25 16	1 48	24 44	1 3	9 45	0 56	8 28	1 23	12 16	2 7	23 10	0 31	2 38	1 54	29 32	13 42	23 8	23 6	22 49		n.a.
W17	23 32	20 41	2 19	25 4	1 43	24 44	1 5	9 59	0 55	8 25	1 23	12 17	2 7	23 10	0 31	2 39	1 54	29 32	13 42	23 8	23 6	22 49		n.a.
T 18	23 35	22 41	1 0	24 50	1 37	24 44	1 6	10 14	0 55	8 22	1 23	12 19	2 7	23 10	0 31	2 39	1 54	29 33	13 42	23 8	23 6	22 48		n.a.
F 19	23 37	23 4	0s24	24 35	1 30	24 43	1 8	10 28	0 55	8 18	1 23	12 21	2 8	23 9	0 31	2 39	1 54	29 34	13 43	23 8	23 6	22 47		n.a.
S 20	23 39	21 43	1 47	24 18	1 22	24 41	1 10	10 43	0 54	8 15	1 22	12 22	2 8	23 9	0 31	2 40	1 54	29 34	13 43	23 8	23 5	22 47		n.a.
S 21	23 40	18 49	3 1	24 0	1 13	24 38	1 11	10 57	0 54	8 12	1 22	12 24	2 8	23 8	0 31	2 40	1 55	29 35	13 44	23 8	23 5	22 46		n.a.
M22	23 41	14 43	4 2	23 41	1 3	24 34	1 13	11 11	0 53	8 8	1 22	12 26	2 8	23 8	0 31	2 40	1 55	29 36	13 44	23 8	23 5	22 45		n.a.
T 23	23 42	9 51	4 46	23 20	0 52	24 30	1 14	11 25	0 53	8 5	1 22	12 27	2 8	23 7	0 31	2 40	1 55	29 36	13 44	23 7	23 4	22 44		n.a.
W24	23 42	4 36	5 11	22 58	0 40	24 25	1 15	11 39	0 52	8 1	1 21	12 29	2 8	23 7	0 31	2 41	1 55	29 37	13 45	23 7	23 4	22 44		n.a.
T 25	23 41	0s41	5 17	22 36	0 27	24 19	1 17	11 53	0 52	7 58	1 21	12 30	2 8	23 7	0 31	2 41	1 55	29 38	13 45	23 7	23 4	22 43		n.a.
F 26	23 40	5 47	5 6	22 13	0 13	24 12	1 18	12 7	0 51	7 54	1 21	12 32	2 8	23 6	0 31	2 41	1 55	29 38	13 46	23 7	23 3	22 42		n.a.
S 27	23 39	10 29	4 41	21 50	0n 2	24 5	1 19	12 21	0 51	7 50	1 21	12 33	2 9	23 6	0 31	2 41	1 55	29 39	13 46	23 7	23 3	22 41		n.a.
S 28	23 37	14 38	4 2	21 28	0 18	23 57	1 20	12 35	0 50	7 47	1 20	12 35	2 9	23 5	0 31	2 41	1 55	29 40	13 46	23 7	23 3	22 41		n.a.
M29	23 34	18 5	3 14	21 5	0 34	23 48	1 21	12 49	0 50	7 43	1 20	12 36	2 9	23 5	0 31	2 42	1 55	29 40	13 47	23 7	23 2	22 40		n.a.
T 30	23 31	20 42	2 17	20 44	0 51	23 39	1 23	13 2	0 49	7 39	1 20	12 38	2 9	23 4	0 31	2 42	1 55	29 41	13 47	23 8	23 2	22 39		n.a.
W31	23s28	22s25	1s16	20s24	1n 9	23s28	1s23	13s16	0n49	7s35	1s20	12s39	2n 9	23s 4	0s31	2s42	1n55	29n42	13n47	23s 8	23s 2	22s38		n.a.

Julian Day Number = 1714817.5, Delta T = 02h58m55s
Ecliptic obliquity = 23°41'48, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°18'42, Lahiri = - 4°11'42 Julian Calendar 1 Dec. 19 BCE == Greg. Calendar 29 Nov. 019 BCE

The year -18 astronomical counting style corresponds to year 019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 18 BCE
geocentric

JANUARY 18 BCE (-17) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 31 0	8♑44'42	15♐48	24°R 2	21♑51	7♏45	14♓10	9♏12	17♑24	11♎10	14°R45	17°R48	16♐43	28♐39	n.a.	T 1
F 2	6 34 57	9°45'41	27°34	23♑53	23° 6	8°25	14°19	9°17	17°28	11°11	14♌43	17♐48	16°40	28°46	n.a.	F 2
S 3	6 38 53	10°46'38	9♑22	23°34	24°22	9° 4	14°29	9°21	17°31	11°11	14°42	17°46	16°37	28°52	n.a.	S 3
S 4	6 42 50	11°47'35	21°14	23° 3	25°37	9°44	14°39	9°26	17°35	11°12	14°41	17°43	16°34	28°59	n.a.	S 4
M 5	6 46 46	12°48'30	3♒10	22°22	26°52	10°23	14°49	9°30	17°38	11°12	14°40	17°39	16°31	29° 6	n.a.	M 5
T 6	6 50 43	13°49'24	15°14	21°32	28° 7	11° 2	15° 0	9°34	17°42	11°12	14°38	17°35	16°27	29°12	n.a.	T 6
W 7	6 54 39	14°50'16	27°27	20°33	29°22	11°42	15°10	9°38	17°45	11°12	14°37	17°30	16°24	29°19	n.a.	W 7
T 8	6 58 36	15°51'07	9♓51	19°29	0♒37	12°21	15°20	9°43	17°49	11°13	14°36	17°26	16°21	29°26	n.a.	T 8
F 9	7 2 32	16°51'56	22°28	18°20	1°52	13° 0	15°31	9°47	17°52	11°13	14°34	17°22	16°18	29°32	n.a.	F 9
S 10	7 6 29	17°52'43	5♈22	17° 8	3° 6	13°40	15°42	9°51	17°56	11°13	14°33	17°20	16°15	29°39	n.a.	S 10
S 11	7 10 26	18°53'29	18°34	15°57	4°21	14°19	15°52	9°55	17°59	11°13	14°32	17°D19	16°11	29°46	n.a.	S 11
M12	7 14 22	19°54'13	2♉ 8	14°46	5°36	14°58	16° 3	9°58	18° 3	11°13	14°30	17°20	16° 8	29°52	n.a.	M12
T 13	7 18 19	20°54'56	16° 6	13°39	6°51	15°38	16°14	10° 2	18° 6	11°13	14°29	17°21	16° 5	29°59	n.a.	T 13
W14	7 22 15	21°55'36	0♊26	12°37	8° 6	16°17	16°25	10° 6	18°10	11°13	14°27	17°23	16° 2	0♑ 6	n.a.	W14
T 15	7 26 12	22°56'15	15° 8	11°41	9°21	16°56	16°37	10° 9	18°13	11°R13	14°26	17°R23	15°59	0°12	n.a.	T 15
F 16	7 30 8	23°56'53	0♋ 6	10°51	10°36	17°35	16°48	10°13	18°17	11°13	14°25	17°23	15°56	0°19	n.a.	F 16
S 17	7 34 5	24°57'28	15°14	10° 9	11°50	18°15	16°59	10°16	18°20	11°13	14°23	17°21	15°52	0°26	n.a.	S 17
S 18	7 38 1	25°58'02	0♌23	9°34	13° 5	18°54	17°11	10°20	18°24	11°13	14°22	17°16	15°49	0°32	n.a.	S 18
M19	7 41 58	26°58'34	15°22	9° 7	14°20	19°33	17°22	10°23	18°27	11°13	14°20	17°11	15°46	0°39	n.a.	M19
T 20	7 45 55	27°59'04	0♍ 3	8°48	15°34	20°13	17°34	10°26	18°31	11°13	14°19	17° 4	15°43	0°46	n.a.	T 20
W21	7 49 51	28°59'33	14°18	8°37	16°49	20°52	17°46	10°29	18°34	11°13	14°17	16°58	15°40	0°52	n.a.	W21
T 22	7 53 48	0♒ 0'01	28° 6	8°D33	18° 4	21°31	17°58	10°32	18°38	11°13	14°16	16°52	15°37	0°59	n.a.	T 22
F 23	7 57 44	1° 0'27	11♎24	8°36	19°18	22°11	18° 9	10°35	18°41	11°12	14°14	16°48	15°33	1° 5	n.a.	F 23
S 24	8 1 41	2° 0'51	24°15	8°45	20°33	22°50	18°21	10°38	18°44	11°12	14°13	16°46	15°30	1°12	n.a.	S 24
S 25	8 5 37	3° 1'15	6♏44	9° 1	21°47	23°29	18°34	10°40	18°48	11°12	14°11	16°D46	15°27	1°19	n.a.	S 25
M26	8 9 34	4° 1'36	18°54	9°22	23° 2	24° 8	18°46	10°43	18°51	11°11	14°10	16°47	15°24	1°25	n.a.	M26
T 27	8 13 30	5° 1'56	0♐51	9°48	24°16	24°48	18°58	10°45	18°55	11°11	14° 8	16°48	15°21	1°32	n.a.	T 27
W28	8 17 27	6° 2'15	12°40	10°20	25°31	25°27	19°10	10°48	18°58	11°10	14° 7	16°R49	15°17	1°39	n.a.	W28
T 29	8 21 24	7° 2'32	24°26	10°56	26°45	26° 6	19°23	10°50	19° 1	11°10	14° 5	16°49	15°14	1°45	n.a.	T 29
F 30	8 25 20	8° 2'47	6♑12	11°36	28° 0	26°45	19°35	10°52	19° 5	11° 9	14° 3	16°47	15°11	1°52	n.a.	F 30
S 31	8 29 17	9♒ 3'01	18♑ 3	12♑21	29♒14	27♏25	19♓48	10♏55	19♑ 8	11♎ 9	14♌ 2	16♐42	15♐ 8	1♑59	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23s24	23s 7	0s11	20s 6	1n27	23s17	1s24	13s29	0n48	7s31	1s19	12s40	2n 9	23s 3	0s31	2s42	1n55	29n42	13n48	23s 8	23s 2	22s37			n.a.
F 2	23 20	22 47	0n54	19 49	1 46	23 6	1 25	13 42	0 48	7 27	1 19	12 42	2 9	23 3	0 31	2 42	1 55	29 43	13 48	23 8	23 1	22 37			n.a.
S 3	23 15	21 26	1 56	19 35	2 4	22 53	1 26	13 56	0 47	7 23	1 19	12 43	2 9	23 3	0 31	2 42	1 55	29 44	13 48	23 8	23 1	22 36			n.a.
S 4	23 10	19 8	2 54	19 23	2 21	22 40	1 27	14 9	0 47	7 19	1 19	12 44	2 10	23 2	0 31	2 42	1 55	29 44	13 49	23 7	23 1	22 35			n.a.
M 5	23 4	16 1	3 44	19 13	2 38	22 26	1 28	14 22	0 46	7 15	1 19	12 46	2 10	23 2	0 31	2 42	1 56	29 45	13 49	23 7	23 0	22 34			n.a.
T 6	22 58	12 13	4 25	19 6	2 53	22 12	1 28	14 35	0 46	7 10	1 18	12 47	2 10	23 1	0 31	2 42	1 56	29 46	13 49	23 7	23 0	22 33			n.a.
W 7	22 52	7 53	4 55	19 1	3 7	21 57	1 29	14 47	0 45	7 6	1 18	12 48	2 10	23 1	0 31	2 43	1 56	29 46	13 49	23 6	23 0	22 33			n.a.
T 8	22 45	3 10	5 11	18 59	3 19	21 41	1 29	15 0	0 44	7 2	1 18	12 49	2 10	23 0	0 31	2 43	1 56	29 47	13 50	23 6	22 59	22 32			n.a.
F 9	22 37	1n45	5 12	18 59	3 29	21 25	1 30	15 13	0 44	6 58	1 18	12 50	2 10	23 0	0 31	2 43	1 56	29 48	13 50	23 5	22 59	22 31			n.a.
S 10	22 29	6 42	4 58	19 0	3 36	21 8	1 30	15 25	0 43	6 53	1 17	12 52	2 11	22 59	0 31	2 43	1 56	29 49	13 50	23 5	22 59	22 30			n.a.
S 11	22 21	11 29	4 28	19 4	3 42	20 50	1 30	15 38	0 43	6 49	1 17	12 53	2 11	22 59	0 31	2 43	1 56	29 49	13 51	23 5	22 58	22 29			n.a.
M12	22 12	15 49	3 43	19 9	3 44	20 32	1 30	15 50	0 42	6 44	1 17	12 54	2 11	22 58	0 31	2 43	1 56	29 50	13 51	23 5	22 58	22 28			n.a.
T 13	22 3	19 26	2 43	19 16	3 45	20 13	1 31	16 2	0 41	6 40	1 17	12 55	2 11	22 58	0 31	2 43	1 56	29 51	13 51	23 5	22 58	22 27			n.a.
W14	21 53	21 57	1 31	19 23	3 43	19 54	1 31	16 14	0 41	6 35	1 17	12 56	2 11	22 57	0 31	2 42	1 56	29 51	13 51	23 5	22 57	22 27			n.a.
T 15	21 43	23 4	0 12	19 32	3 39	19 34	1 31	16 26	0 40	6 31	1 17	12 57	2 11	22 57	0 31	2 42	1 56	29 52	13 52	23 5	22 57	22 26			n.a.
F 16	21 33	22 33	1s 9	19 42	3 34	19 13	1 31	16 38	0 39	6 26	1 16	12 58	2 12	22 56	0 31	2 42	1 56	29 53	13 52	23 5	22 57	22 25			n.a.
S 17	21 22	20 24	2 26	19 52	3 27	18 52	1 31	16 50	0 39	6 22	1 16	12 59	2 12	22 56	0 31	2 42	1 56	29 53	13 52	23 5	22 56	22 24			n.a.
S 18	21 11	16 49	3 33	20 3	3 18	18 31	1 30	17 1	0 38	6 17	1 16	12 59	2 12	22 56	0 31	2 42	1 56	29 54	13 52	23 5	22 56	22 23			n.a.
M19	20 59	12 12	4 24	20 14	3 9	18 9	1 30	17 13	0 37	6 12	1 16	13 0	2 12	22 55	0 31	2 42	1 57	29 55	13 52	23 4	22 56	22 22			n.a.
T 20	20 47	6 57	4 57	20 26	2 59	17 46	1 30	17 24	0 37	6 7	1 16	13 1	2 12	22 55	0 31	2 42	1 57	29 55	13 53	23 4	22 55	22 21			n.a.
W21	20 35	1 29	5 10	20 37	2 48	17 23	1 30	17 35	0 36	6 3	1 15	13 2	2 12	22 54	0 31	2 42	1 57	29 56	13 53	23 3	22 55	22 20			n.a.
T 22	20 22	3s53	5 4	20 49	2 36	17 0	1 29	17 46	0 35	5 58	1 15	13 3	2 13	22 54	0 31	2 42	1 57	29 57	13 53	23 2	22 55	22 20			n.a.
F 23	20 9	8 52	4 42	21 1	2 24	16 36	1 29	17 57	0 34	5 53	1 15	13 3	2 13	22 53	0 31	2 41	1 57	29 57	13 53	23 2	22 54	22 19			n.a.
S 24	19 55	13 19	4 7	21 12	2 12	16 11	1 28	18 8	0 34	5 48	1 15	13 4	2 13	22 53	0 31	2 41	1 57	29 58	13 53	23 2	22 54	22 18			n.a.
S 25	19 42	17 3	3 20	21 23	2 0	15 46	1 27	18 19	0 33	5 43	1 15	13 5	2 13	22 52	0 31	2 41	1 57	29 58	13 54	23 2	22 54	22 17			n.a.
M26	19 27	19 57	2 25	21 34	1 48	15 21	1 27	18 29	0 32	5 38	1 15	13 5	2 13	22 52	0 31	2 41	1 57	29 59	13 54	23 2	22 53	22 16			n.a.
T 27	19 13	21 56	1 25	21 44	1 36	14 55	1 26	18 40	0 31	5 33	1 14	13 6	2 13	22 51	0 31	2 41	1 57	30 0	13 54	23 2	22 53	22 15			n.a.
W28	18 58	22 56	0 23	21 54	1 24	14 29	1 25	18 50	0 31	5 28	1 14	13 7	2 14	22 51	0 31	2 40	1 57	30 0	13 54	23 2	22 52	22 14			n.a.
T 29	18 43	22 54	0n41	22 3	1 12	14 3	1 24	19 0	0 30	5 23	1 14	13 7	2 14	22 50	0 31	2 40	1 57	30 1	13 54	23 2	22 52	22 13			n.a.
F 30	18 27	21 50	1 43	22 11	1 0	13 36	1 23	19 10	0 29	5 18	1 14	13 8	2 14	22 50	0 31	2 40	1 57	30 2	13 54	23 2	22 52	22 12			n.a.
S 31	18s11	19s49	2n40	22s18	0n49	13s 8	1s22	19s20	0n28	5s13	1s14	13s 8	2n14	22s49	0s31	2s40	1n57	30n 2	13n54	23s 1	22s51	22s11			n.a.

Julian Day Number = 1714848.5, Delta T = 02h58m54s
Ecliptic obliquity = 23°41'47, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°18'38, Lahiri = - 4°11'38 Julian Calendar 1 Jan. 18 BCE == Greg. Calendar 30 Dec. 019 BCE

The year -17 astronomical counting style corresponds to year 018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 18 BCE
geocentric

FEBRUARY 18 BCE (-17) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 33 13	10♒ 3'12	0♒ 1	13♉ 9	0♓28	28♏ 4	20♓ 0	10♏57	19♉12	11°R 8	14°R 0	16°R35	15♐ 5	2♉ 5	n.a.	S 1
M 2	8 37 10	11° 3'22	12° 8	14° 0	1°43	28°43	20°13	10°59	19°15	11♎ 8	13♌59	16♐26	15° 2	2°12	n.a.	M 2
T 3	8 41 6	12° 3'30	24°25	14°55	2°57	29°22	20°26	11° 0	19°18	11° 7	13°57	16°16	14°58	2°19	n.a.	T 3
W 4	8 45 3	13° 3'35	6♓53	15°52	4°11	0♐ 1	20°39	11° 2	19°21	11° 6	13°56	16° 5	14°55	2°25	n.a.	W 4
T 5	8 48 59	14° 3'39	19°32	16°52	5°26	0°40	20°52	11° 4	19°25	11° 6	13°54	15°54	14°52	2°32	n.a.	T 5
F 6	8 52 56	15° 3'40	2♈23	17°55	6°40	1°19	21° 5	11° 5	19°28	11° 5	13°52	15°46	14°49	2°39	n.a.	F 6
S 7	8 56 53	16° 3'40	15°26	19° 0	7°54	1°59	21°18	11° 7	19°31	11° 4	13°51	15°39	14°46	2°45	n.a.	S 7
S 8	9 0 49	17° 3'37	28°42	20° 7	9° 8	2°38	21°31	11° 8	19°34	11° 4	13°49	15°35	14°42	2°52	n.a.	S 8
M 9	9 4 46	18° 3'31	12♉14	21°17	10°22	3°17	21°44	11° 9	19°38	11° 3	13°48	15°D34	14°39	2°59	n.a.	M 9
T 10	9 8 42	19° 3'24	26° 2	22°29	11°36	3°56	21°57	11°10	19°41	11° 2	13°46	15°34	14°36	3° 5	n.a.	T 10
W11	9 12 39	20° 3'14	10♊ 7	23°42	12°50	4°35	22°10	11°11	19°44	11° 1	13°45	15°R34	14°33	3°12	n.a.	W11
T 12	9 16 35	21° 3'02	24°28	24°57	14° 4	5°14	22°24	11°12	19°47	11° 0	13°43	15°34	14°30	3°19	n.a.	T 12
F 13	9 20 32	22° 2'47	9♋ 4	26°15	15°18	5°53	22°37	11°13	19°50	10°59	13°42	15°32	14°27	3°25	n.a.	F 13
S 14	9 24 28	23° 2'30	23°50	27°33	16°32	6°32	22°50	11°14	19°53	10°58	13°40	15°27	14°23	3°32	n.a.	S 14
S 15	9 28 25	24° 2'11	8♌40	28°54	17°46	7°11	23° 4	11°15	19°56	10°57	13°38	15°20	14°20	3°38	n.a.	S 15
M16	9 32 22	25° 1'50	23°26	0♒16	19° 0	7°50	23°17	11°15	19°59	10°56	13°37	15°10	14°17	3°45	n.a.	M16
T 17	9 36 18	26° 1'26	8♍ 0	1°39	20°13	8°29	23°31	11°16	20° 2	10°55	13°35	14°59	14°14	3°52	n.a.	T 17
W18	9 40 15	27° 1'01	22°13	3° 4	21°27	9° 7	23°44	11°16	20° 5	10°54	13°34	14°48	14°11	3°58	n.a.	W18
T 19	9 44 11	28° 0'33	6♎ 2	4°31	22°41	9°46	23°58	11°16	20° 8	10°53	13°32	14°38	14° 8	4° 5	n.a.	T 19
F 20	9 48 8	29° 0'04	19°25	5°59	23°54	10°25	24°12	11°16	20°11	10°52	13°31	14°30	14° 4	4°12	n.a.	F 20
S 21	9 52 4	29°59'32	2♏21	7°28	25° 8	11° 4	24°26	11°R16	20°14	10°51	13°29	14°25	14° 1	4°18	n.a.	S 21
S 22	9 56 1	0♓58'59	14°53	8°59	26°21	11°43	24°39	11°16	20°17	10°50	13°28	14°22	13°58	4°25	n.a.	S 22
M23	9 59 57	1°58'24	27° 6	10°31	27°35	12°22	24°53	11°16	20°20	10°49	13°26	14°21	13°55	4°32	n.a.	M23
T 24	10 3 54	2°57'47	9♐ 4	12° 5	28°48	13° 0	25° 7	11°16	20°22	10°48	13°25	14°21	13°52	4°38	n.a.	T 24
W25	10 7 50	3°57'08	20°54	13°40	0♈ 2	13°39	25°21	11°16	20°25	10°46	13°23	14°21	13°48	4°45	n.a.	W25
T 26	10 11 47	4°56'28	2♉41	15°16	1°15	14°18	25°35	11°15	20°28	10°45	13°22	14°19	13°45	4°52	n.a.	T 26
F 27	10 15 44	5°55'45	14°30	16°54	2°28	14°56	25°49	11°15	20°31	10°44	13°21	14°16	13°42	4°58	n.a.	F 27
S 28	10 19 40	6♓55'01	26♉26	18♒32	3♈42	15♐35	26♓ 3	11♏14	20♉33	10♎43	13♌19	14♐10	13♐39	5♉ 5	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	17s55	16s56	3n31	22s25	0n38	12s41	1s21	19s30	0n27	5s 8	1s14	13s 9	2n14	22s49	0s31	2s39	1n57	30n 3	13n54	23s 1	22s51	22s10			n.a.
M 2	17 38	13 18	4 13	22 31	0 27	12 13	1 20	19 40	0 26	5 2	1 13	13 9	2 15	22 49	0 31	2 39	1 57	30 3	13 55	23 0	22 51	22 9			n.a.
T 3	17 22	9 4	4 43	22 35	0 16	11 45	1 18	19 49	0 25	4 57	1 13	13 9	2 15	22 48	0 31	2 39	1 57	30 4	13 55	22 59	22 50	22 8			n.a.
W 4	17 5	4 25	5 1	22 39	0 5	11 16	1 17	19 58	0 25	4 52	1 13	13 10	2 15	22 48	0 31	2 38	1 58	30 4	13 55	22 58	22 50	22 7			n.a.
T 5	16 47	0n28	5 4	22 42	0s 5	10 48	1 16	20 7	0 24	4 47	1 13	13 10	2 15	22 47	0 31	2 38	1 58	30 5	13 55	22 56	22 50	22 6			n.a.
F 6	16 29	5 25	4 52	22 43	0 14	10 19	1 14	20 16	0 23	4 41	1 13	13 10	2 15	22 47	0 31	2 38	1 58	30 6	13 55	22 56	22 49	22 5			n.a.
S 7	16 12	10 12	4 25	22 43	0 24	9 49	1 13	20 25	0 22	4 36	1 13	13 11	2 15	22 46	0 31	2 37	1 58	30 6	13 55	22 55	22 49	22 4			n.a.
S 8	15 53	14 36	3 43	22 43	0 33	9 20	1 11	20 34	0 21	4 31	1 13	13 11	2 16	22 46	0 31	2 37	1 58	30 7	13 55	22 54	22 49	22 3			n.a.
M 9	15 35	18 20	2 48	22 41	0 42	8 50	1 10	20 43	0 20	4 25	1 13	13 11	2 16	22 45	0 31	2 37	1 58	30 7	13 55	22 54	22 48	22 3			n.a.
T 10	15 16	21 8	1 42	22 37	0 50	8 20	1 8	20 51	0 19	4 20	1 12	13 11	2 16	22 45	0 31	2 36	1 58	30 8	13 55	22 54	22 48	22 2			n.a.
W11	14 57	22 41	0 29	22 33	0 58	7 50	1 6	20 59	0 18	4 15	1 12	13 11	2 16	22 44	0 31	2 36	1 58	30 8	13 55	22 54	22 47	22 1			n.a.
T 12	14 38	22 48	0s47	22 27	1 6	7 19	1 4	21 7	0 17	4 9	1 12	13 12	2 16	22 44	0 31	2 36	1 58	30 9	13 55	22 54	22 47	22 0			n.a.
F 13	14 19	21 21	2 2	22 19	1 13	6 49	1 2	21 15	0 16	4 4	1 12	13 12	2 17	22 44	0 31	2 35	1 58	30 9	13 55	22 54	22 47	21 59			n.a.
S 14	13 59	18 28	3 9	22 11	1 20	6 18	1 1	21 23	0 15	3 58	1 12	13 12	2 17	22 43	0 31	2 35	1 58	30 10	13 55	22 54	22 46	21 57			n.a.
S 15	13 39	14 22	4 3	22 0	1 26	5 47	0 59	21 31	0 14	3 53	1 12	13 12	2 17	22 43	0 31	2 34	1 58	30 10	13 55	22 53	22 46	21 56			n.a.
M16	13 19	9 26	4 41	21 49	1 32	5 16	0 57	21 38	0 13	3 47	1 12	13 12	2 17	22 42	0 31	2 34	1 58	30 11	13 55	22 52	22 46	21 55			n.a.
T 17	12 59	4 2	5 0	21 36	1 38	4 45	0 54	21 46	0 12	3 42	1 12	13 12	2 17	22 42	0 31	2 33	1 58	30 11	13 55	22 50	22 45	21 54			n.a.
W18	12 38	1s28	5 0	21 21	1 43	4 13	0 52	21 53	0 11	3 36	1 11	13 12	2 18	22 41	0 31	2 33	1 58	30 12	13 55	22 49	22 45	21 53			n.a.
T 19	12 18	6 44	4 42	21 5	1 48	3 42	0 50	22 0	0 10	3 31	1 11	13 11	2 18	22 41	0 31	2 32	1 58	30 12	13 55	22 48	22 44	21 52			n.a.
F 20	11 57	11 30	4 9	20 48	1 53	3 11	0 48	22 6	0 9	3 25	1 11	13 11	2 18	22 41	0 31	2 32	1 58	30 12	13 55	22 47	22 44	21 51			n.a.
S 21	11 36	15 36	3 23	20 29	1 57	2 39	0 46	22 13	0 7	3 19	1 11	13 11	2 18	22 40	0 31	2 32	1 58	30 13	13 55	22 47	22 44	21 50			n.a.
S 22	11 14	18 51	2 30	20 9	2 1	2 7	0 43	22 20	0 6	3 14	1 11	13 11	2 18	22 40	0 31	2 31	1 59	30 13	13 55	22 46	22 43	21 49			n.a.
M23	10 53	21 11	1 30	19 47	2 4	1 36	0 41	22 26	0 5	3 8	1 11	13 11	2 18	22 39	0 31	2 31	1 59	30 14	13 55	22 46	22 43	21 48			n.a.
T 24	10 32	22 31	0 28	19 23	2 7	1 4	0 38	22 32	0 4	3 3	1 11	13 10	2 19	22 39	0 31	2 30	1 59	30 14	13 55	22 46	22 43	21 47			n.a.
W25	10 10	22 48	0n35	18 58	2 9	0 32	0 36	22 38	0 3	2 57	1 11	13 10	2 19	22 39	0 31	2 29	1 59	30 14	13 55	22 46	22 42	21 46			n.a.
T 26	9 48	22 4	1 36	18 31	2 11	0 0	0 33	22 44	0 2	2 51	1 11	13 10	2 19	22 38	0 31	2 29	1 59	30 15	13 55	22 46	22 42	21 45			n.a.
F 27	9 26	20 22	2 33	18 3	2 13	0n31	0 31	22 50	0 0	2 46	1 11	13 10	2 19	22 38	0 31	2 28	1 59	30 15	13 54	22 45	22 41	21 44			n.a.
S 28	9s 4	17s46	3n23	17s33	2s14	1n 3	0s28	22s55	0s 1	2s40	1s10	13s 9	2n19	22s37	0s31	2s28	1n59	30n15	13n54	22s45	22s41	21s43			n.a.

Julian Day Number = 1714879.5, Delta T = 02h58m53s
Ecliptic obliquity = 23°41'47, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°18'34, Lahiri = - 4°11'34 Julian Calendar 1 Feb. 18 BCE == Greg. Calendar 30 Jan. 018 BCE

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ASTRODIENST EPHEMERIS for the year 18 BCE
geocentric

MARCH 18 BCE (-17) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 23 37	7♓54'14	8♒31	20♒13	4♈55	16♐14	26♓17	11°R13	20♑36	10°R41	13°R18	14°R 1	13♐36	5♑12	n.a.	S 1
M 2	10 27 33	8°53'26	20°48	21°55	6° 8	16°52	26°31	11♏12	20°39	10♎40	13♌16	13♐50	13°33	5°18	n.a.	M 2
T 3	10 31 30	9°52'35	3♓20	23°38	7°21	17°31	26°45	11°11	20°41	10°39	13°15	13°37	13°29	5°25	n.a.	T 3
W 4	10 35 26	10°51'42	16° 5	25°22	8°34	18° 9	26°59	11°10	20°44	10°37	13°14	13°23	13°26	5°32	n.a.	W 4
T 5	10 39 23	11°50'47	29° 4	27° 8	9°47	18°48	27°13	11° 9	20°46	10°36	13°12	13°10	13°23	5°38	n.a.	T 5
F 6	10 43 19	12°49'50	12♈16	28°55	11° 0	19°26	27°27	11° 8	20°49	10°35	13°11	12°59	13°20	5°45	n.a.	F 6
S 7	10 47 16	13°48'51	25°38	0♓44	12°13	20° 4	27°41	11° 7	20°51	10°33	13°10	12°50	13°17	5°52	n.a.	S 7
S 8	10 51 13	14°47'49	9♉11	2°34	13°26	20°43	27°55	11° 5	20°54	10°32	13° 8	12°45	13°14	5°58	n.a.	S 8
M 9	10 55 9	15°46'45	22°53	4°26	14°39	21°21	28°10	11° 4	20°56	10°30	13° 7	12°42	13°10	6° 5	n.a.	M 9
T 10	10 59 6	16°45'39	6♊44	6°19	15°52	21°59	28°24	11° 2	20°58	10°29	13° 6	12°41	13° 7	6°12	n.a.	T 10
W11	11 3 2	17°44'31	20°44	8°13	17° 4	22°37	28°38	11° 0	21° 1	10°27	13° 5	12°41	13° 4	6°18	n.a.	W11
T 12	11 6 59	18°43'20	4♋53	10° 9	18°17	23°15	28°52	10°59	21° 3	10°26	13° 3	12°41	13° 1	6°25	n.a.	T 12
F 13	11 10 55	19°42'06	19°10	12° 7	19°30	23°54	29° 7	10°57	21° 5	10°24	13° 2	12°38	12°58	6°32	n.a.	F 13
S 14	11 14 52	20°40'50	3♌33	14° 5	20°42	24°32	29°21	10°55	21° 7	10°23	13° 1	12°33	12°54	6°38	n.a.	S 14
S 15	11 18 48	21°39'32	17°57	16° 6	21°55	25°10	29°35	10°53	21° 9	10°21	13° 0	12°26	12°51	6°45	n.a.	S 15
M16	11 22 45	22°38'12	2♍17	18° 7	23° 7	25°47	29°50	10°51	21°11	10°20	12°59	12°16	12°48	6°51	n.a.	M16
T 17	11 26 42	23°36'49	16°29	20°10	24°19	26°25	0♈ 4	10°48	21°13	10°18	12°58	12° 4	12°45	6°58	n.a.	T 17
W18	11 30 38	24°35'24	0♎25	22°13	25°31	27° 3	0°18	10°46	21°15	10°17	12°56	11°53	12°42	7° 5	n.a.	W18
T 19	11 34 35	25°33'58	14° 3	24°18	26°44	27°41	0°32	10°44	21°17	10°15	12°55	11°42	12°39	7°11	n.a.	T 19
F 20	11 38 31	26°32'29	27°18	26°24	27°56	28°19	0°47	10°41	21°19	10°14	12°54	11°33	12°35	7°18	n.a.	F 20
S 21	11 42 28	27°30'59	10♏11	28°30	29° 8	28°56	1° 1	10°39	21°21	10°12	12°53	11°27	12°32	7°25	n.a.	S 21
S 22	11 46 24	28°29'26	22°43	0♈38	0♉20	29°34	1°15	10°36	21°23	10°10	12°52	11°23	12°29	7°31	n.a.	S 22
M23	11 50 21	29°27'52	4♐57	2°45	1°32	0♑11	1°30	10°33	21°25	10° 9	12°51	11°21	12°26	7°38	n.a.	M23
T 24	11 54 17	0♈26'17	16°58	4°53	2°44	0°49	1°44	10°31	21°27	10° 7	12°50	11°D21	12°23	7°45	n.a.	T 24
W25	11 58 14	1°24'40	28°50	7° 0	3°55	1°26	1°59	10°28	21°28	10° 6	12°49	11°R22	12°19	7°51	n.a.	W25
T 26	12 2 10	2°23'01	10♑39	9° 7	5° 7	2° 4	2°13	10°25	21°30	10° 4	12°48	11°21	12°16	7°58	n.a.	T 26
F 27	12 6 7	3°21'20	22°30	11°14	6°19	2°41	2°27	10°22	21°32	10° 2	12°48	11°20	12°13	8° 5	n.a.	F 27
S 28	12 10 4	4°19'38	4♒28	13°19	7°31	3°18	2°42	10°19	21°33	10° 1	12°47	11°16	12°10	8°11	n.a.	S 28
S 29	12 14 0	5°17'54	16°38	15°23	8°42	3°55	2°56	10°15	21°35	9°59	12°46	11° 9	12° 7	8°18	n.a.	S 29
M30	12 17 57	6°16'08	29° 4	17°26	9°54	4°32	3°10	10°12	21°36	9°58	12°45	11° 0	12° 4	8°25	n.a.	M30
T 31	12 21 53	7♈14'21	11♓47	19♈26	11♉ 5	5♑ 9	3♈25	10♏ 9	21♑38	9♎56	12♌44	10♐50	12♐ 0	8♑31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	8s42	14s23	4n 5	17s 2	2s14	1n35	0s26	23s 1	0s 2	2s34	1s10	13s 9	2n20	22s37	0s32	2s27	1n59	30n16	13n54	22s44	22s41	21s42			n.a.
M 2	8 19	10 21	4 37	16 28	2 15	2 7	0 23	23 6	0 3	2 28	1 10	13 8	2 20	22 37	0 32	2 27	1 59	30 16	13 54	22 42	22 40	21 41			n.a.
T 3	7 57	5 48	4 55	15 54	2 14	2 38	0 20	23 11	0 5	2 23	1 10	13 8	2 20	22 36	0 32	2 26	1 59	30 16	13 54	22 41	22 40	21 40			n.a.
W 4	7 34	0 57	5 0	15 17	2 13	3 10	0 17	23 16	0 6	2 17	1 10	13 7	2 20	22 36	0 32	2 26	1 59	30 17	13 54	22 39	22 39	21 39			n.a.
T 5	7 12	4n 2	4 49	14 40	2 12	3 42	0 15	23 20	0 7	2 11	1 10	13 7	2 20	22 36	0 32	2 25	1 59	30 17	13 54	22 37	22 39	21 37			n.a.
F 6	6 49	8 55	4 22	14 0	2 10	4 13	0 12	23 25	0 9	2 6	1 10	13 6	2 20	22 35	0 32	2 25	1 59	30 17	13 54	22 36	22 39	21 36			n.a.
S 7	6 26	13 26	3 41	13 19	2 8	4 45	0 9	23 29	0 10	2 0	1 10	13 6	2 21	22 35	0 32	2 24	1 59	30 18	13 53	22 35	22 38	21 35			n.a.
S 8	6 3	17 21	2 47	12 36	2 5	5 16	0 6	23 33	0 11	1 54	1 10	13 5	2 21	22 35	0 32	2 23	1 59	30 18	13 53	22 34	22 38	21 34			n.a.
M 9	5 40	20 21	1 43	11 52	2 2	5 47	0 3	23 37	0 13	1 48	1 10	13 5	2 21	22 34	0 32	2 23	1 59	30 18	13 53	22 34	22 37	21 33			n.a.
T 10	5 17	22 11	0 31	11 6	1 58	6 18	0 0	23 41	0 14	1 43	1 10	13 4	2 21	22 34	0 32	2 22	1 59	30 18	13 53	22 34	22 37	21 32			n.a.
W11	4 54	22 40	0s42	10 19	1 53	6 49	0n 3	23 45	0 16	1 37	1 10	13 3	2 21	22 34	0 32	2 22	1 59	30 19	13 53	22 34	22 37	21 31			n.a.
T 12	4 30	21 42	1 55	9 30	1 48	7 20	0 6	23 48	0 17	1 31	1 10	13 3	2 21	22 33	0 32	2 21	1 59	30 19	13 53	22 34	22 36	21 30			n.a.
F 13	4 7	19 20	3 0	8 40	1 43	7 50	0 9	23 52	0 18	1 25	1 10	13 2	2 22	22 33	0 32	2 20	1 59	30 19	13 52	22 33	22 36	21 28			n.a.
S 14	3 44	15 46	3 55	7 48	1 36	8 21	0 12	23 55	0 20	1 19	1 10	13 1	2 22	22 33	0 32	2 20	1 59	30 19	13 52	22 33	22 35	21 27			n.a.
S 15	3 21	11 16	4 34	6 55	1 30	8 51	0 15	23 58	0 21	1 14	1 9	13 0	2 22	22 32	0 32	2 19	1 59	30 19	13 52	22 32	22 35	21 26			n.a.
M16	2 57	6 10	4 56	6 1	1 23	9 21	0 18	24 1	0 23	1 8	1 9	12 59	2 22	22 32	0 32	2 18	1 59	30 19	13 52	22 30	22 35	21 25			n.a.
T 17	2 34	0 47	5 0	5 5	1 15	9 51	0 21	24 3	0 25	1 2	1 9	12 59	2 22	22 32	0 32	2 18	1 59	30 20	13 52	22 29	22 34	21 24			n.a.
W18	2 10	4s32	4 46	4 8	1 7	10 20	0 24	24 6	0 26	0 56	1 9	12 58	2 22	22 31	0 32	2 17	1 59	30 20	13 51	22 27	22 34	21 23			n.a.
T 19	1 47	9 30	4 15	3 11	0 58	10 50	0 27	24 8	0 28	0 50	1 9	12 57	2 22	22 31	0 32	2 17	1 59	30 20	13 51	22 26	22 33	21 22			n.a.
F 20	1 23	13 54	3 31	2 12	0 49	11 19	0 30	24 10	0 29	0 45	1 9	12 56	2 23	22 31	0 32	2 16	1 59	30 20	13 51	22 25	22 33	21 20			n.a.
S 21	1 0	17 31	2 37	1 12	0 40	11 48	0 33	24 12	0 31	0 39	1 9	12 55	2 23	22 31	0 32	2 15	1 59	30 20	13 51	22 24	22 33	21 19			n.a.
S 22	0 36	20 13	1 37	0 12	0 30	12 16	0 36	24 14	0 33	0 33	1 9	12 54	2 23	22 30	0 32	2 15	1 59	30 20	13 51	22 23	22 32	21 18			n.a.
M23	0 13	21 55	0 34	0n48	0 20	12 44	0 39	24 16	0 34	0 27	1 9	12 53	2 23	22 30	0 32	2 14	1 59	30 20	13 50	22 23	22 32	21 17			n.a.
T 24	0n11	22 33	0n30	1 49	0 9	13 12	0 42	24 18	0 36	0 21	1 9	12 52	2 23	22 30	0 32	2 13	1 59	30 20	13 50	22 23	22 31	21 16			n.a.
W25	0 34	22 10	1 32	2 50	0n 2	13 40	0 45	24 19	0 38	0 16	1 9	12 51	2 23	22 30	0 32	2 13	1 59	30 20	13 50	22 23	22 31	21 15			n.a.
T 26	0 57	20 47	2 29	3 51	0 12	14 7	0 48	24 20	0 39	0 10	1 9	12 50	2 23	22 29	0 32	2 12	2 0	30 20	13 50	22 23	22 30	21 13			n.a.
F 27	1 21	18 30	3 21	4 51	0 23	14 34	0 51	24 21	0 41	0 4	1 9	12 49	2 23	22 29	0 32	2 11	2 0	30 20	13 49	22 23	22 30	21 12			n.a.
S 28	1 44	15 24	4 4	5 50	0 34	15 1	0 54	24 22	0 43	0n 2	1 9	12 48	2 24	22 29	0 32	2 11	2 0	30 20	13 49	22 22	22 30	21 11			n.a.
S 29	2 8	11 37	4 37	6 49	0 45	15 27	0 57	24 23	0 45	0 7	1 9	12 47	2 24	22 29	0 32	2 10	2 0	30 20	13 49	22 21	22 29	21 10			n.a.
M30	2 31	7 17	4 57	7 47	0 56	15 53	1 0	24 23	0 46	0 13	1 9	12 46	2 24	22 28	0 32	2 9	2 0	30 20	13 48	22 20	22 29	21 9			n.a.
T 31	2n54	2s33	5n 3	8n43	1n 7	16n19	1n 3	24s24	0s48	0n19	1s 9	12s45	2n24	22s28	0s32	2s 9	2n 0	30n20	13n48	22s19	22s28	21s 7			n.a.

Julian Day Number = 1714907.5, Delta T = 02h58m52s
Ecliptic obliquity = 23°41'47, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°18'30, Lahiri = - 4°11'30 Julian Calendar 1 March 18 BCE == Greg. Calendar 27 Feb. 018 BCE

The year -17 astronomical counting style corresponds to year 018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 18 BCE
geocentric

APRIL 18 BCE (-17) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 25 50	8♈12'32	24♓48	21♈24	12♉16	5♑46	3♈39	10°R 6	21♑39	9°R54	12°R44	10°R39	11♐57	8♑38	n.a.	W 1
T 2	12 29 46	9°10'41	8♈ 7	23°20	13°27	6°23	3°53	10♏ 2	21°40	9♎53	12♌43	10♐29	11°54	8°45	n.a.	T 2
F 3	12 33 43	10° 8'48	21°41	25°13	14°39	6°59	4° 7	9°59	21°42	9°51	12°42	10°20	11°51	8°51	n.a.	F 3
S 4	12 37 39	11° 6'54	5♉28	27° 3	15°50	7°36	4°22	9°55	21°43	9°49	12°41	10°13	11°48	8°58	n.a.	S 4
S 5	12 41 36	12° 4'58	19°25	28°50	17° 1	8°12	4°36	9°52	21°44	9°48	12°41	10° 9	11°45	9° 5	n.a.	S 5
M 6	12 45 33	13° 3'00	3♊28	0♉34	18°12	8°49	4°50	9°48	21°45	9°46	12°40	10° 7	11°41	9°11	n.a.	M 6
T 7	12 49 29	14° 1'00	17°34	2°14	19°23	9°25	5° 5	9°44	21°46	9°45	12°40	10°D 7	11°38	9°18	n.a.	T 7
W 8	12 53 26	14°58'58	1♋43	3°50	20°33	10° 1	5°19	9°40	21°48	9°43	12°39	10° 8	11°35	9°25	n.a.	W 8
T 9	12 57 22	15°56'54	15°52	5°23	21°44	10°37	5°33	9°37	21°49	9°41	12°38	10°R 8	11°32	9°31	n.a.	T 9
F 10	13 1 19	16°54'48	0♌ 0	6°52	22°55	11°13	5°47	9°33	21°50	9°40	12°38	10° 8	11°29	9°38	n.a.	F 10
S 11	13 5 15	17°52'40	14° 6	8°17	24° 5	11°49	6° 1	9°29	21°50	9°38	12°37	10° 5	11°25	9°45	n.a.	S 11
S 12	13 9 12	18°50'31	28° 7	9°39	25°16	12°25	6°16	9°25	21°51	9°36	12°37	10° 0	11°22	9°51	n.a.	S 12
M13	13 13 8	19°48'19	12♍ 2	10°56	26°26	13° 0	6°30	9°21	21°52	9°35	12°37	9°53	11°19	9°58	n.a.	M13
T 14	13 17 5	20°46'05	25°46	12° 9	27°36	13°36	6°44	9°17	21°53	9°33	12°36	9°46	11°16	10° 5	n.a.	T 14
W15	13 21 1	21°43'50	9♎18	13°18	28°46	14°11	6°58	9°13	21°54	9°32	12°36	9°38	11°13	10°11	n.a.	W15
T 16	13 24 58	22°41'34	22°34	14°23	29°56	14°46	7°12	9° 8	21°54	9°30	12°36	9°30	11°10	10°18	n.a.	T 16
F 17	13 28 55	23°39'16	5♏33	15°24	1♊ 6	15°22	7°26	9° 4	21°55	9°28	12°35	9°24	11° 6	10°25	n.a.	F 17
S 18	13 32 51	24°36'56	18°14	16°21	2°16	15°57	7°40	9° 0	21°56	9°27	12°35	9°20	11° 3	10°31	n.a.	S 18
S 19	13 36 48	25°34'36	0♐40	17°13	3°26	16°31	7°54	8°56	21°56	9°25	12°35	9°18	11° 0	10°38	n.a.	S 19
M20	13 40 44	26°32'14	12°50	18° 0	4°36	17° 6	8° 8	8°52	21°57	9°24	12°35	9°D18	10°57	10°45	n.a.	M20
T 21	13 44 41	27°29'51	24°50	18°43	5°45	17°41	8°22	8°47	21°57	9°22	12°34	9°18	10°54	10°51	n.a.	T 21
W22	13 48 37	28°27'27	6♑42	19°22	6°55	18°15	8°36	8°43	21°57	9°21	12°34	9°20	10°51	10°58	n.a.	W22
T 23	13 52 34	29°25'01	18°32	19°56	8° 4	18°49	8°50	8°39	21°58	9°19	12°34	9°21	10°47	11° 5	n.a.	T 23
F 24	13 56 30	0♉22'35	0♒24	20°25	9°13	19°23	9° 3	8°34	21°58	9°18	12°34	9°R22	10°44	11°11	n.a.	F 24
S 25	14 0 27	1°20'07	12°24	20°50	10°22	19°57	9°17	8°30	21°58	9°16	12°34	9°21	10°41	11°18	n.a.	S 25
S 26	14 4 24	2°17'39	24°36	21°10	11°31	20°31	9°31	8°26	21°58	9°15	12°34	9°19	10°38	11°25	n.a.	S 26
M27	14 8 20	3°15'10	7♓ 4	21°25	12°40	21° 5	9°45	8°21	21°59	9°13	12°D34	9°15	10°35	11°31	n.a.	M27
T 28	14 12 17	4°12'39	19°53	21°36	13°49	21°38	9°58	8°17	21°59	9°12	12°34	9°11	10°31	11°38	n.a.	T 28
W29	14 16 13	5°10'08	3♈ 3	21°41	14°58	22°11	10°12	8°12	21°R59	9°10	12°34	9° 5	10°28	11°45	n.a.	W29
T 30	14 20 10	6♉ 7'36	16♈35	21°R42	16♊ 6	22♑44	10♈25	8♏ 8	21♑59	9♎ 9	12♌34	9♐ 0	10♐25	11♑51	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3n17	2n25	4n54	9n37	1n17	16n44	1n 6	24s24	0s50	0n25	1s 9	12s43	2n24	22s28	0s32	2s 8	2n 0	30n20	13n48	22s17	22s28	21s 6		n.a.
T 2	3 41	7 22	4 29	10 30	1 27	17 9	1 9	24 24	0 52	0 31	1 9	12 42	2 24	22 28	0 32	2 7	2 0	30 20	13 48	22 16	22 27	21 5		n.a.
F 3	4 4	12 4	3 49	11 21	1 37	17 33	1 12	24 24	0 54	0 36	1 9	12 41	2 24	22 28	0 32	2 7	2 0	30 20	13 47	22 14	22 27	21 4		n.a.
S 4	4 27	16 13	2 54	12 10	1 46	17 57	1 15	24 24	0 56	0 42	1 9	12 40	2 24	22 27	0 33	2 6	2 0	30 20	13 47	22 13	22 27	21 2		n.a.
S 5	4 50	19 30	1 49	12 57	1 54	18 20	1 18	24 24	0 58	0 48	1 9	12 39	2 24	22 27	0 33	2 5	2 0	30 20	13 47	22 13	22 26	21 1		n.a.
M 6	5 12	21 39	0 36	13 41	2 2	18 43	1 21	24 24	1 0	0 53	1 9	12 37	2 24	22 27	0 33	2 5	2 0	30 20	13 46	22 12	22 26	21 0		n.a.
T 7	5 35	22 27	0s40	14 23	2 9	19 6	1 23	24 23	1 2	0 59	1 9	12 36	2 24	22 27	0 33	2 4	2 0	30 20	13 46	22 12	22 25	20 59		n.a.
W 8	5 58	21 48	1 53	15 3	2 15	19 28	1 26	24 23	1 4	1 5	1 9	12 35	2 25	22 27	0 33	2 4	2 0	30 20	13 46	22 12	22 25	20 57		n.a.
T 9	6 20	19 46	3 0	15 40	2 21	19 49	1 29	24 22	1 6	1 11	1 9	12 34	2 25	22 27	0 33	2 3	2 0	30 20	13 45	22 13	22 24	20 56		n.a.
F 10	6 43	16 32	3 55	16 15	2 26	20 10	1 32	24 21	1 8	1 16	1 9	12 32	2 25	22 27	0 33	2 2	2 0	30 19	13 45	22 12	22 24	20 55		n.a.
S 11	7 5	12 22	4 36	16 47	2 30	20 31	1 34	24 20	1 10	1 22	1 9	12 31	2 25	22 27	0 33	2 2	2 0	30 19	13 45	22 12	22 24	20 54		n.a.
S 12	7 27	7 33	5 0	17 17	2 34	20 51	1 37	24 19	1 12	1 27	1 9	12 30	2 25	22 26	0 33	2 1	2 0	30 19	13 45	22 11	22 23	20 52		n.a.
M13	7 50	2 24	5 7	17 44	2 36	21 10	1 39	24 17	1 14	1 33	1 9	12 28	2 25	22 26	0 33	2 0	2 0	30 19	13 44	22 10	22 23	20 51		n.a.
T 14	8 12	2s48	4 55	18 9	2 38	21 29	1 42	24 16	1 17	1 39	1 9	12 27	2 25	22 26	0 33	2 0	2 0	30 19	13 44	22 9	22 22	20 50		n.a.
W15	8 33	7 48	4 27	18 31	2 38	21 48	1 44	24 14	1 19	1 44	1 9	12 26	2 25	22 26	0 33	1 59	2 0	30 19	13 44	22 8	22 22	20 49		n.a.
T 16	8 55	12 21	3 45	18 51	2 38	22 6	1 47	24 13	1 21	1 50	1 9	12 24	2 25	22 26	0 33	1 59	2 0	30 18	13 43	22 7	22 21	20 47		n.a.
F 17	9 17	16 13	2 52	19 8	2 37	22 23	1 49	24 11	1 23	1 56	1 9	12 23	2 25	22 26	0 33	1 58	1 59	30 18	13 43	22 6	22 21	20 46		n.a.
S 18	9 38	19 14	1 52	19 22	2 35	22 39	1 51	24 9	1 26	2 1	1 9	12 22	2 25	22 26	0 33	1 57	1 59	30 18	13 43	22 5	22 20	20 45		n.a.
S 19	9 59	21 16	0 47	19 35	2 32	22 55	1 54	24 7	1 28	2 7	1 9	12 20	2 25	22 26	0 33	1 57	1 59	30 18	13 42	22 5	22 20	20 43		n.a.
M20	10 21	22 16	0n19	19 44	2 28	23 11	1 56	24 5	1 30	2 12	1 9	12 19	2 25	22 26	0 33	1 56	1 59	30 17	13 42	22 5	22 20	20 42		n.a.
T 21	10 42	22 12	1 23	19 52	2 23	23 26	1 58	24 3	1 33	2 18	1 9	12 18	2 25	22 26	0 33	1 55	1 59	30 17	13 42	22 5	22 19	20 41		n.a.
W22	11 2	21 8	2 23	19 57	2 17	23 40	2 0	24 0	1 35	2 23	1 9	12 16	2 25	22 26	0 33	1 55	1 59	30 17	13 41	22 5	22 19	20 40		n.a.
T 23	11 23	19 9	3 17	20 0	2 10	23 54	2 2	23 58	1 37	2 29	1 9	12 15	2 25	22 26	0 33	1 54	1 59	30 17	13 41	22 5	22 18	20 38		n.a.
F 24	11 44	16 20	4 3	20 0	2 2	24 7	2 4	23 55	1 40	2 34	1 9	12 13	2 25	22 26	0 33	1 54	1 59	30 16	13 40	22 6	22 18	20 37		n.a.
S 25	12 4	12 49	4 38	19 58	1 53	24 19	2 6	23 53	1 42	2 40	1 9	12 12	2 25	22 26	0 33	1 53	1 59	30 16	13 40	22 5	22 17	20 36		n.a.
S 26	12 24	8 44	5 1	19 54	1 43	24 31	2 8	23 50	1 45	2 45	1 9	12 11	2 25	22 26	0 33	1 53	1 59	30 16	13 40	22 5	22 17	20 34		n.a.
M27	12 44	4 12	5 11	19 47	1 32	24 42	2 9	23 48	1 47	2 50	1 9	12 9	2 25	22 26	0 33	1 52	1 59	30 15	13 39	22 5	22 16	20 33		n.a.
T 28	13 4	0n38	5 6	19 38	1 20	24 52	2 11	23 45	1 50	2 56	1 9	12 8	2 25	22 26	0 33	1 52	1 59	30 15	13 39	22 4	22 16	20 32		n.a.
W29	13 23	5 34	4 45	19 28	1 7	25 2	2 12	23 42	1 53	3 1	1 9	12 6	2 25	22 26	0 33	1 51	1 59	30 15	13 39	22 3	22 15	20 30		n.a.
T 30	13n42	10n23	4n 7	19n15	0n53	25n11	2n14	23s39	1s55	3n 6	1s 9	12s 5	2n25	22s26	0s33	1s50	1n59	30n14	13n38	22s 2	22s15	20s29		n.a.

Julian Day Number = 1714938.5, Delta T = 02h58m51s
Ecliptic obliquity = 23°41'47, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°18'26, Lahiri = - 4°11'25 Julian Calendar 1 Apr. 18 BCE == Greg. Calendar 30 March 018 BCE

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ASTRODIENST EPHEMERIS for the year 18 BCE
geocentric

MAY 18 BCE (-17) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 24 6	7♉ 5'02	0♉27	21°R39	17♊15	23♋17	10♈39	8°R 3	21°R59	9°R 8	12♑34	8°R55	10♐22	11♋58	n.a.	F 1
S 2	14 28 3	8° 2'28	14°36	21♉31	18°23	23°50	10°53	7♏59	21♋59	9♎ 6	12°34	8♐52	10°19	12° 5	n.a.	S 2
S 3	14 31 59	8°59'53	28°58	21°19	19°31	24°22	11° 6	7°55	21°58	9° 5	12°34	8°51	10°16	12°11	n.a.	S 3
M 4	14 35 56	9°57'17	13♊27	21° 3	20°40	24°54	11°19	7°50	21°58	9° 3	12°35	8°D50	10°12	12°18	n.a.	M 4
T 5	14 39 53	10°54'39	27°57	20°43	21°48	25°26	11°33	7°46	21°58	9° 2	12°35	8°51	10° 9	12°25	n.a.	T 5
W 6	14 43 49	11°52'01	12♋25	20°20	22°55	25°58	11°46	7°41	21°58	9° 1	12°35	8°53	10° 6	12°31	n.a.	W 6
T 7	14 47 46	12°49'21	26°46	19°54	24° 3	26°29	11°59	7°37	21°57	8°59	12°36	8°54	10° 3	12°38	n.a.	T 7
F 8	14 51 42	13°46'40	10♌57	19°25	25°11	27° 0	12°13	7°33	21°57	8°58	12°36	8°R54	10° 0	12°45	n.a.	F 8
S 9	14 55 39	14°43'57	24°57	18°54	26°18	27°31	12°26	7°28	21°57	8°57	12°36	8°54	9°56	12°51	n.a.	S 9
S 10	14 59 35	15°41'14	8♍45	18°22	27°25	28° 2	12°39	7°24	21°56	8°56	12°37	8°53	9°53	12°58	n.a.	S 10
M11	15 3 32	16°38'29	22°19	17°49	28°32	28°33	12°52	7°19	21°56	8°54	12°37	8°51	9°50	13° 5	n.a.	M11
T 12	15 7 28	17°35'44	5♎40	17°15	29°39	29° 3	13° 5	7°15	21°55	8°53	12°38	8°48	9°47	13°11	n.a.	T 12
W13	15 11 25	18°32'57	18°46	16°42	0♋46	29°33	13°18	7°11	21°54	8°52	12°38	8°45	9°44	13°18	n.a.	W13
T 14	15 15 22	19°30'10	1♏39	16° 9	1°53	0♒ 3	13°31	7° 7	21°54	8°51	12°39	8°42	9°41	13°25	n.a.	T 14
F 15	15 19 18	20°27'22	14°18	15°37	2°59	0°32	13°43	7° 2	21°53	8°50	12°39	8°40	9°37	13°31	n.a.	F 15
S 16	15 23 15	21°24'33	26°44	15° 8	4° 5	1° 1	13°56	6°58	21°52	8°49	12°40	8°39	9°34	13°38	n.a.	S 16
S 17	15 27 11	22°21'44	8♐58	14°41	5°11	1°30	14° 9	6°54	21°51	8°48	12°40	8°D38	9°31	13°45	n.a.	S 17
M18	15 31 8	23°18'55	21° 2	14°16	6°17	1°59	14°22	6°50	21°50	8°47	12°41	8°39	9°28	13°51	n.a.	M18
T 19	15 35 4	24°16'05	2♑58	13°55	7°23	2°27	14°34	6°46	21°50	8°46	12°42	8°40	9°25	13°58	n.a.	T 19
W20	15 39 1	25°13'14	14°49	13°37	8°29	2°55	14°47	6°41	21°49	8°45	12°42	8°41	9°22	14° 5	n.a.	W20
T 21	15 42 58	26°10'23	26°39	13°23	9°34	3°22	14°59	6°37	21°48	8°44	12°43	8°42	9°18	14°11	n.a.	T 21
F 22	15 46 54	27° 7'33	8♒31	13°14	10°39	3°49	15°11	6°33	21°47	8°43	12°44	8°43	9°15	14°18	n.a.	F 22
S 23	15 50 51	28° 4'41	20°30	13° 9	11°44	4°16	15°24	6°29	21°46	8°42	12°45	8°43	9°12	14°25	n.a.	S 23
S 24	15 54 47	29° 1'50	2♓42	13°D 8	12°49	4°43	15°36	6°25	21°44	8°41	12°45	8°R44	9° 9	14°31	n.a.	S 24
M25	15 58 44	29°58'59	15° 9	13°11	13°53	5° 9	15°48	6°22	21°43	8°40	12°46	8°43	9° 6	14°38	n.a.	M25
T 26	16 2 40	0♊56'07	27°57	13°20	14°58	5°35	16° 0	6°18	21°42	8°39	12°47	8°43	9° 2	14°45	n.a.	T 26
W27	16 6 37	1°53'16	11♈ 8	13°33	16° 2	6° 0	16°12	6°14	21°41	8°38	12°48	8°42	8°59	14°51	n.a.	W27
T 28	16 10 33	2°50'25	24°43	13°51	17° 6	6°25	16°24	6°10	21°40	8°37	12°49	8°41	8°56	14°58	n.a.	T 28
F 29	16 14 30	3°47'33	8♉44	14°14	18° 9	6°50	16°36	6° 7	21°38	8°37	12°50	8°40	8°53	15° 5	n.a.	F 29
S 30	16 18 27	4°44'42	23° 6	14°41	19°13	7°14	16°48	6° 3	21°37	8°36	12°51	8°40	8°50	15°11	n.a.	S 30
S 31	16 22 23	5♊41'51	7♊47	15♉13	20♋16	7♒37	16♈59	5♏59	21♋35	8♎35	12♑52	8°D40	8♐47	15♋18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n 1	14n47	3n15	19n 0	0n39	25n19	2n15	23s36	1s58	3n12	1s 9	12s 4	2n25	22s26	0s33	1s50	1n59	30n14	13n38	22s 1	22s15	20s28		n.a.
S 2	14 20	18 26	2 9	18 43	0 24	25 27	2 17	23 33	2 1	3 17	1 10	12 2	2 25	22 26	0 33	1 49	1 59	30 13	13 38	22 1	22 14	20 26		n.a.
S 3	14 39	21 1	0 54	18 25	0 8	25 34	2 18	23 30	2 3	3 22	1 10	12 1	2 25	22 26	0 33	1 49	1 59	30 13	13 37	22 1	22 14	20 25		n.a.
M 4	14 57	22 14	0s25	18 5	0s 8	25 40	2 19	23 27	2 6	3 28	1 10	11 59	2 25	22 26	0 34	1 48	1 59	30 13	13 37	22 1	22 13	20 24		n.a.
T 5	15 16	21 58	1 43	17 44	0 25	25 46	2 20	23 23	2 9	3 33	1 10	11 58	2 25	22 26	0 34	1 48	1 59	30 12	13 37	22 1	22 13	20 22		n.a.
W 6	15 33	20 13	2 54	17 21	0 42	25 51	2 21	23 20	2 12	3 38	1 10	11 57	2 25	22 26	0 34	1 47	1 59	30 12	13 36	22 1	22 12	20 21		n.a.
T 7	15 51	17 13	3 54	16 57	0 59	25 55	2 22	23 17	2 14	3 43	1 10	11 55	2 25	22 26	0 34	1 47	1 59	30 11	13 36	22 1	22 12	20 20		n.a.
F 8	16 9	13 13	4 38	16 33	1 16	25 59	2 22	23 14	2 17	3 48	1 10	11 54	2 24	22 26	0 34	1 46	1 59	30 11	13 36	22 1	22 11	20 18		n.a.
S 9	16 26	8 33	5 5	16 8	1 33	26 2	2 23	23 10	2 20	3 53	1 10	11 53	2 24	22 26	0 34	1 46	1 59	30 11	13 35	22 1	22 11	20 17		n.a.
S 10	16 43	3 31	5 15	15 43	1 50	26 4	2 24	23 7	2 23	3 58	1 10	11 51	2 24	22 27	0 34	1 45	1 59	30 10	13 35	22 1	22 10	20 15		n.a.
M11	16 59	1s36	5 6	15 18	2 6	26 5	2 24	23 3	2 26	4 4	1 10	11 50	2 24	22 27	0 34	1 45	1 59	30 10	13 35	22 1	22 10	20 14		n.a.
T 12	17 16	6 34	4 41	14 54	2 22	26 6	2 24	23 0	2 29	4 9	1 10	11 49	2 24	22 27	0 34	1 45	1 59	30 9	13 34	22 0	22 9	20 13		n.a.
W13	17 32	11 9	4 1	14 30	2 37	26 6	2 25	22 56	2 32	4 14	1 10	11 47	2 24	22 27	0 34	1 44	1 59	30 9	13 34	22 0	22 9	20 11		n.a.
T 14	17 48	15 9	3 10	14 7	2 51	26 6	2 25	22 53	2 35	4 19	1 10	11 46	2 24	22 27	0 34	1 44	1 59	30 8	13 33	21 59	22 8	20 10		n.a.
F 15	18 3	18 23	2 10	13 46	3 4	26 4	2 25	22 50	2 38	4 24	1 10	11 45	2 24	22 27	0 34	1 43	1 59	30 8	13 33	21 59	22 8	20 8		n.a.
S 16	18 18	20 42	1 5	13 26	3 16	26 3	2 25	22 46	2 41	4 28	1 10	11 43	2 24	22 27	0 34	1 43	1 59	30 7	13 33	21 59	22 7	20 7		n.a.
S 17	18 33	22 0	0n 2	13 7	3 27	26 0	2 24	22 43	2 45	4 33	1 11	11 42	2 24	22 28	0 34	1 43	1 59	30 7	13 32	21 59	22 7	20 6		n.a.
M18	18 48	22 15	1 8	12 51	3 36	25 57	2 24	22 39	2 48	4 38	1 11	11 41	2 24	22 28	0 34	1 42	1 59	30 6	13 32	21 59	22 6	20 4		n.a.
T 19	19 2	21 29	2 11	12 37	3 44	25 53	2 24	22 36	2 51	4 43	1 11	11 40	2 23	22 28	0 34	1 42	1 59	30 6	13 32	21 59	22 6	20 3		n.a.
W20	19 16	19 46	3 7	12 25	3 51	25 48	2 23	22 32	2 54	4 48	1 11	11 38	2 23	22 28	0 34	1 41	1 58	30 5	13 31	21 59	22 5	20 1		n.a.
T 21	19 30	17 12	3 56	12 15	3 57	25 43	2 22	22 29	2 57	4 53	1 11	11 37	2 23	22 28	0 34	1 41	1 58	30 5	13 31	21 59	22 5	20 0		n.a.
F 22	19 44	13 55	4 34	12 8	4 2	25 37	2 22	22 26	3 1	4 57	1 11	11 36	2 23	22 28	0 34	1 41	1 58	30 4	13 31	21 59	22 5	19 59		n.a.
S 23	19 57	10 3	5 1	12 4	4 5	25 30	2 21	22 22	3 4	5 2	1 11	11 35	2 23	22 29	0 34	1 40	1 58	30 3	13 30	22 0	22 4	19 57		n.a.
S 24	20 9	5 43	5 15	12 2	4 7	25 23	2 20	22 19	3 8	5 7	1 11	11 34	2 23	22 29	0 34	1 40	1 58	30 3	13 30	22 0	22 4	19 56		n.a.
M25	20 22	1 4	5 15	12 2	4 7	25 15	2 18	22 16	3 11	5 11	1 11	11 33	2 23	22 29	0 34	1 40	1 58	30 2	13 30	22 0	22 3	19 54		n.a.
T 26	20 34	3n45	5 0	12 5	4 7	25 7	2 17	22 13	3 14	5 16	1 11	11 31	2 22	22 29	0 34	1 39	1 58	30 2	13 29	21 59	22 3	19 53		n.a.
W27	20 46	8 33	4 28	12 11	4 5	24 58	2 16	22 10	3 18	5 20	1 11	11 30	2 22	22 30	0 34	1 39	1 58	30 1	13 29	21 59	22 2	19 51		n.a.
T 28	20 57	13 5	3 41	12 19	4 2	24 48	2 14	22 7	3 21	5 25	1 12	11 29	2 22	22 30	0 34	1 39	1 58	30 1	13 29	21 59	22 2	19 50		n.a.
F 29	21 8	17 4	2 39	12 29	3 58	24 38	2 12	22 4	3 25	5 29	1 12	11 28	2 22	22 30	0 34	1 39	1 58	30 0	13 28	21 59	22 1	19 49		n.a.
S 30	21 19	20 7	1 25	12 42	3 54	24 27	2 11	22 1	3 28	5 34	1 12	11 27	2 22	22 30	0 34	1 38	1 58	29 59	13 28	21 59	22 1	19 47		n.a.
S 31	21n29	21n55	0n 5	12n56	3s48	24n16	2n 9	21s58	3s32	5n38	1s12	11s26	2n22	22s31	0s34	1s38	1n58	29n59	13n28	21s59	22s 0	19s46		n.a.

Julian Day Number = 1714968.5, Delta T = 02h58m50s
Ecliptic obliquity = 23°41'47, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°18'22, Lahiri = - 4°11'21 Julian Calendar 1 May 18 BCE == Greg. Calendar 29 Apr. 018 BCE

The year -17 astronomical counting style corresponds to year 018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 18 BCE
geocentric

JUNE 18 BCE (-17) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 26 20	6♊38'59	22♊38	15♉50	21♋19	8♒ 0	17♈11	5°R56	21°R34	8°R34	12♌53	8♐40	8♐43	15♑25	n.a.	M 1
T 2	16 30 16	7°36'08	7♋33	16°31	22°21	8°23	17°22	5♏52	21♑33	8♎34	12°54	8°40	8°40	15°31	n.a.	T 2
W 3	16 34 13	8°33'16	22°23	17°17	23°24	8°45	17°34	5°49	21°31	8°33	12°55	8°R40	8°37	15°38	n.a.	W 3
T 4	16 38 9	9°30'24	7♌ 3	18° 7	24°26	9° 7	17°45	5°46	21°29	8°33	12°56	8°40	8°34	15°45	n.a.	T 4
F 5	16 42 6	10°27'31	21°26	19° 2	25°28	9°29	17°56	5°42	21°28	8°32	12°57	8°40	8°31	15°51	n.a.	F 5
S 6	16 46 2	11°24'39	5♍31	20° 1	26°29	9°49	18° 7	5°39	21°26	8°31	12°58	8°D40	8°28	15°58	n.a.	S 6
S 7	16 49 59	12°21'46	19°15	21° 5	27°30	10°10	18°18	5°36	21°25	8°31	13° 0	8°40	8°24	16° 5	n.a.	S 7
M 8	16 53 56	13°18'53	2♎39	22°12	28°31	10°29	18°29	5°33	21°23	8°30	13° 1	8°40	8°21	16°11	n.a.	M 8
T 9	16 57 52	14°15'59	15°44	23°24	29°32	10°49	18°40	5°30	21°21	8°30	13° 2	8°41	8°18	16°18	n.a.	T 9
W10	17 1 49	15°13'06	28°32	24°40	0♏32	11° 7	18°51	5°27	21°19	8°30	13° 3	8°41	8°15	16°25	n.a.	W10
T 11	17 5 45	16°10'13	11♏ 6	26° 0	1°32	11°25	19° 2	5°24	21°18	8°29	13° 5	8°42	8°12	16°31	n.a.	T 11
F 12	17 9 42	17° 7'20	23°27	27°24	2°32	11°43	19°12	5°22	21°16	8°29	13° 6	8°43	8° 8	16°38	n.a.	F 12
S 13	17 13 38	18° 4'27	5♐38	28°52	3°31	12° 0	19°23	5°19	21°14	8°28	13° 7	8°R43	8° 5	16°45	n.a.	S 13
S 14	17 17 35	19° 1'35	17°41	0♊24	4°30	12°16	19°33	5°16	21°12	8°28	13° 9	8°43	8° 2	16°51	n.a.	S 14
M15	17 21 31	19°58'43	29°37	1°59	5°28	12°32	19°43	5°14	21°10	8°28	13°10	8°42	7°59	16°58	n.a.	M15
T 16	17 25 28	20°55'51	11♑29	3°38	6°26	12°47	19°53	5°11	21° 8	8°28	13°11	8°41	7°56	17° 5	n.a.	T 16
W17	17 29 25	21°53'00	23°18	5°21	7°23	13° 2	20° 4	5° 9	21° 6	8°27	13°13	8°39	7°53	17°12	n.a.	W17
T 18	17 33 21	22°50'10	5♒ 9	7° 7	8°21	13°16	20°13	5° 7	21° 4	8°27	13°14	8°37	7°49	17°18	n.a.	T 18
F 19	17 37 18	23°47'20	17° 2	8°57	9°17	13°29	20°23	5° 5	21° 2	8°27	13°16	8°35	7°46	17°25	n.a.	F 19
S 20	17 41 14	24°44'30	29° 3	10°49	10°14	13°42	20°33	5° 3	21° 0	8°27	13°17	8°33	7°43	17°32	n.a.	S 20
S 21	17 45 11	25°41'42	11♓13	12°44	11° 9	13°53	20°43	5° 1	20°58	8°27	13°19	8°32	7°40	17°38	n.a.	S 21
M22	17 49 7	26°38'54	23°39	14°41	12° 5	14° 5	20°52	4°59	20°56	8°27	13°20	8°D31	7°37	17°45	n.a.	M22
T 23	17 53 4	27°36'08	6♈22	16°41	12°59	14°15	21° 1	4°57	20°54	8°D27	13°22	8°31	7°34	17°52	n.a.	T 23
W24	17 57 0	28°33'22	19°28	18°43	13°54	14°25	21°11	4°55	20°52	8°27	13°23	8°32	7°30	17°58	n.a.	W24
T 25	18 0 57	29°30'37	2♉59	20°46	14°47	14°34	21°20	4°53	20°50	8°27	13°25	8°34	7°27	18° 5	n.a.	T 25
F 26	18 4 54	0♋27'53	16°57	22°51	15°41	14°42	21°29	4°52	20°47	8°27	13°27	8°35	7°24	18°12	n.a.	F 26
S 27	18 8 50	1°25'11	1♊20	24°57	16°33	14°49	21°38	4°50	20°45	8°27	13°28	8°R36	7°21	18°18	n.a.	S 27
S 28	18 12 47	2°22'29	16° 7	27° 3	17°25	14°56	21°46	4°49	20°43	8°27	13°30	8°36	7°18	18°25	n.a.	S 28
M29	18 16 43	3°19'48	1♋ 9	29° 9	18°17	15° 2	21°55	4°48	20°41	8°27	13°32	8°35	7°14	18°32	n.a.	M29
T 30	18 20 40	4♋17'08	16♋20	1♋16	19♌ 7	15♒ 7	22♈ 3	4♏46	20♑38	8♎28	13♌33	8♐32	7♐11	18♑38	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	21n39	22n13	1s17	13n13	3s42	24n 4	2n 6	21s56	3s36	5n43	1s12	11s25	2n21	22s31	0s34	1s38	1n58	29n58	13n28	21s59	22s 0	19s44		n.a.	M 1
T 2	21 49	20 55	2 34	13 32	3 34	23 52	2 4	21 53	3 39	5 47	1 12	11 24	2 21	22 31	0 34	1 38	1 58	29 58	13 27	21 59	21 59	19 43		n.a.	T 2
W 3	21 58	18 12	3 40	13 53	3 26	23 39	2 2	21 51	3 43	5 51	1 12	11 23	2 21	22 31	0 34	1 38	1 58	29 57	13 27	21 59	21 59	19 41		n.a.	W 3
T 4	22 7	14 21	4 31	14 15	3 18	23 25	1 59	21 48	3 47	5 56	1 12	11 22	2 21	22 32	0 34	1 37	1 58	29 56	13 27	21 59	21 58	19 40		n.a.	T 4
F 5	22 15	9 43	5 3	14 39	3 8	23 11	1 57	21 46	3 51	6 0	1 12	11 21	2 21	22 32	0 35	1 37	1 58	29 56	13 26	21 59	21 58	19 38		n.a.	F 5
S 6	22 23	4 41	5 17	15 4	2 58	22 56	1 54	21 44	3 54	6 4	1 13	11 20	2 21	22 32	0 35	1 37	1 58	29 55	13 26	21 59	21 57	19 37		n.a.	S 6
S 7	22 31	0s29	5 12	15 31	2 48	22 41	1 51	21 42	3 58	6 8	1 13	11 20	2 20	22 32	0 35	1 37	1 58	29 54	13 26	21 59	21 57	19 35		n.a.	S 7
M 8	22 38	5 29	4 50	15 59	2 37	22 26	1 48	21 40	4 2	6 12	1 13	11 19	2 20	22 33	0 35	1 37	1 57	29 54	13 25	21 59	21 56	19 34		n.a.	M 8
T 9	22 45	10 9	4 14	16 28	2 26	22 10	1 44	21 39	4 6	6 16	1 13	11 18	2 20	22 33	0 35	1 37	1 57	29 53	13 25	21 59	21 56	19 32		n.a.	T 9
W10	22 52	14 15	3 25	16 58	2 14	21 54	1 41	21 37	4 10	6 20	1 13	11 17	2 20	22 33	0 35	1 36	1 57	29 52	13 25	21 59	21 55	19 31		n.a.	W10
T 11	22 58	17 39	2 27	17 29	2 2	21 37	1 37	21 36	4 14	6 24	1 13	11 16	2 20	22 34	0 35	1 36	1 57	29 52	13 25	21 59	21 55	19 29		n.a.	T 11
F 12	23 4	20 11	1 24	18 0	1 50	21 19	1 34	21 34	4 17	6 28	1 13	11 16	2 19	22 34	0 35	1 36	1 57	29 51	13 24	21 59	21 54	19 28		n.a.	F 12
S 13	23 9	21 45	0 17	18 32	1 37	21 2	1 30	21 33	4 21	6 32	1 13	11 15	2 19	22 34	0 35	1 36	1 57	29 50	13 24	21 59	21 53	19 26		n.a.	S 13
S 14	23 14	22 18	0n50	19 4	1 25	20 44	1 26	21 32	4 25	6 36	1 14	11 14	2 19	22 35	0 35	1 36	1 57	29 50	13 24	21 59	21 53	19 25		n.a.	S 14
M15	23 19	21 48	1 53	19 36	1 12	20 25	1 21	21 31	4 29	6 39	1 14	11 14	2 19	22 35	0 35	1 36	1 57	29 49	13 24	21 59	21 52	19 23		n.a.	M15
T 16	23 23	20 21	2 52	20 8	0 59	20 6	1 17	21 31	4 33	6 43	1 14	11 13	2 18	22 35	0 35	1 36	1 57	29 48	13 23	21 59	21 52	19 22		n.a.	T 16
W17	23 27	18 0	3 43	20 39	0 47	19 47	1 12	21 30	4 37	6 47	1 14	11 13	2 18	22 36	0 35	1 36	1 57	29 48	13 23	21 59	21 51	19 20		n.a.	W17
T 18	23 30	14 55	4 24	21 10	0 34	19 28	1 8	21 30	4 41	6 51	1 14	11 12	2 18	22 36	0 35	1 36	1 57	29 47	13 23	21 59	21 51	19 19		n.a.	T 18
F 19	23 33	11 14	4 54	21 40	0 22	19 8	1 3	21 30	4 45	6 54	1 14	11 11	2 18	22 36	0 35	1 36	1 57	29 46	13 23	21 58	21 50	19 17		n.a.	F 19
S 20	23 35	7 4	5 12	22 9	0 10	18 48	0 58	21 30	4 49	6 58	1 14	11 11	2 18	22 37	0 35	1 36	1 57	29 46	13 22	21 58	21 50	19 16		n.a.	S 20
S 21	23 38	2 34	5 15	22 36	0n 2	18 27	0 53	21 30	4 53	7 1	1 15	11 11	2 17	22 37	0 35	1 36	1 57	29 45	13 22	21 58	21 49	19 14		n.a.	S 21
M22	23 39	2n 7	5 5	23 2	0 13	18 7	0 47	21 31	4 57	7 5	1 15	11 10	2 17	22 37	0 35	1 36	1 57	29 44	13 22	21 58	21 49	19 13		n.a.	M22
T 23	23 40	6 49	4 39	23 26	0 24	17 46	0 42	21 32	5 1	7 8	1 15	11 10	2 17	22 38	0 35	1 36	1 57	29 44	13 22	21 58	21 48	19 11		n.a.	T 23
W24	23 41	11 22	3 59	23 47	0 35	17 24	0 36	21 33	5 5	7 11	1 15	11 9	2 17	22 38	0 35	1 36	1 57	29 43	13 21	21 58	21 48	19 10		n.a.	W24
T 25	23 42	15 31	3 4	24 7	0 45	17 3	0 30	21 34	5 9	7 15	1 15	11 9	2 16	22 38	0 35	1 36	1 56	29 42	13 21	21 58	21 47	19 8		n.a.	T 25
F 26	23 42	18 56	1 57	24 24	0 54	16 41	0 24	21 35	5 14	7 18	1 15	11 9	2 16	22 39	0 35	1 36	1 56	29 41	13 21	21 58	21 47	19 6		n.a.	F 26
S 27	23 41	21 18	0 40	24 38	1 3	16 19	0 18	21 37	5 18	7 21	1 16	11 8	2 16	22 39	0 35	1 36	1 56	29 41	13 21	21 58	21 46	19 5		n.a.	S 27
S 28	23 40	22 17	0s41	24 50	1 10	15 57	0 11	21 38	5 22	7 24	1 16	11 8	2 16	22 39	0 35	1 37	1 56	29 40	13 21	21 58	21 46	19 3		n.a.	S 28
M29	23 39	21 40	2 1	24 59	1 18	15 35	0 4	21 40	5 25	7 27	1 16	11 8	2 15	22 40	0 35	1 37	1 56	29 39	13 20	21 58	21 45	19 2		n.a.	M29
T 30	23n38	19n30	3s13	25n 5	1n24	15n13	0s 2	21s43	5s29	7n30	1s16	11s 8	2n15	22s40	0s35	1s37	1n56	29n39	13n20	21s58	21s45	19s 0		n.a.	T 30

Julian Day Number = 1714999.5, Delta T = 02h58m49s
Ecliptic obliquity = 23°41'46, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°18'18, Lahiri = - 4°11'17 Julian Calendar 1 June 18 BCE == Greg. Calendar 30 May 018 BCE

The year -17 astronomical counting style corresponds to year 018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 18 BCE
geocentric

JULY 18 BCE (-17) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 24 36	5♋14'29	1♌29	3♋22	19♌57	15♒11	22♈12	4°R45	20°R36	8♎28	13♌35	8°R29	7♐ 8	18♑45	n.a.	W 1
T 2	18 28 33	6°11'51	16°28	5°28	20°47	15°15	22°20	4♏44	20♑34	8°28	13°37	8♐25	7° 5	18°52	n.a.	T 2
F 3	18 32 30	7° 9'13	1♍ 7	7°34	21°35	15°17	22°28	4°43	20°32	8°28	13°39	8°22	7° 2	18°58	n.a.	F 3
S 4	18 36 26	8° 6'36	15°22	9°38	22°23	15°19	22°36	4°42	20°29	8°29	13°40	8°19	6°59	19° 5	n.a.	S 4
S 5	18 40 23	9° 4'00	29°11	11°41	23°11	15°20	22°44	4°42	20°27	8°29	13°42	8°17	6°55	19°12	n.a.	S 5
M 6	18 44 19	10° 1'24	12♎33	13°44	23°57	15°R21	22°51	4°41	20°25	8°30	13°44	8°D17	6°52	19°18	n.a.	M 6
T 7	18 48 16	10°58'49	25°32	15°45	24°42	15°20	22°59	4°40	20°22	8°30	13°46	8°18	6°49	19°25	n.a.	T 7
W 8	18 52 12	11°56'15	8♏11	17°45	25°27	15°19	23° 6	4°40	20°20	8°30	13°48	8°19	6°46	19°32	n.a.	W 8
T 9	18 56 9	12°53'42	20°32	19°43	26°11	15°17	23°14	4°40	20°17	8°31	13°49	8°21	6°43	19°38	n.a.	T 9
F 10	19 0 5	13°51'10	2♐42	21°40	26°53	15°14	23°21	4°39	20°15	8°31	13°51	8°R22	6°40	19°45	n.a.	F 10
S 11	19 4 2	14°48'39	14°42	23°35	27°35	15°10	23°28	4°39	20°13	8°32	13°53	8°22	6°36	19°52	n.a.	S 11
S 12	19 7 59	15°46'09	26°36	25°30	28°16	15° 5	23°34	4°D39	20°10	8°33	13°55	8°20	6°33	19°59	n.a.	S 12
M13	19 11 55	16°43'40	8♑27	27°22	28°56	15° 0	23°41	4°39	20° 8	8°33	13°57	8°17	6°30	20° 5	n.a.	M13
T 14	19 15 52	17°41'13	20°17	29°13	29°34	14°54	23°47	4°39	20° 6	8°34	13°59	8°11	6°27	20°12	n.a.	T 14
W15	19 19 48	18°38'46	2♒ 7	1♌ 3	0♍12	14°47	23°54	4°39	20° 3	8°35	14° 1	8° 5	6°24	20°19	n.a.	W15
T 16	19 23 45	19°36'22	14° 1	2°51	0°48	14°40	24° 0	4°40	20° 1	8°35	14° 3	7°57	6°20	20°25	n.a.	T 16
F 17	19 27 41	20°33'58	25°59	4°37	1°23	14°31	24° 6	4°40	19°58	8°36	14° 5	7°50	6°17	20°32	n.a.	F 17
S 18	19 31 38	21°31'36	8♓ 4	6°23	1°57	14°22	24°12	4°41	19°56	8°37	14° 7	7°42	6°14	20°39	n.a.	S 18
S 19	19 35 34	22°29'15	20°18	8° 6	2°29	14°13	24°17	4°41	19°54	8°38	14° 9	7°37	6°11	20°45	n.a.	S 19
M20	19 39 31	23°26'57	2♈44	9°48	3° 0	14° 2	24°23	4°42	19°51	8°39	14°11	7°33	6° 8	20°52	n.a.	M20
T 21	19 43 28	24°24'39	15°26	11°29	3°30	13°51	24°28	4°43	19°49	8°39	14°13	7°30	6° 5	20°59	n.a.	T 21
W22	19 47 24	25°22'24	28°27	13° 9	3°58	13°39	24°33	4°44	19°46	8°40	14°15	7°D30	6° 1	21° 5	n.a.	W22
T 23	19 51 21	26°20'11	11♉50	14°46	4°24	13°27	24°38	4°45	19°44	8°41	14°17	7°31	5°58	21°12	n.a.	T 23
F 24	19 55 17	27°17'59	25°38	16°23	4°49	13°14	24°43	4°46	19°42	8°42	14°19	7°32	5°55	21°19	n.a.	F 24
S 25	19 59 14	28°15'49	9♊52	17°58	5°13	13° 1	24°48	4°47	19°39	8°43	14°21	7°R32	5°52	21°25	n.a.	S 25
S 26	20 3 10	29°13'41	24°31	19°32	5°34	12°47	24°52	4°48	19°37	8°44	14°23	7°31	5°49	21°32	n.a.	S 26
M27	20 7 7	0♌11'35	9♋30	21° 4	5°54	12°32	24°57	4°49	19°35	8°45	14°25	7°28	5°46	21°39	n.a.	M27
T 28	20 11 3	1° 9'31	24°42	22°35	6°12	12°18	25° 1	4°51	19°32	8°46	14°27	7°22	5°42	21°45	n.a.	T 28
W29	20 15 0	2° 7'28	9♌57	24° 5	6°28	12° 2	25° 5	4°52	19°30	8°47	14°29	7°15	5°39	21°52	n.a.	W29
T 30	20 18 57	3° 5'27	25° 5	25°33	6°43	11°47	25° 8	4°54	19°28	8°49	14°31	7° 7	5°36	21°59	n.a.	T 30
F 31	20 22 53	4♌ 3'27	9♍56	27♌ 0	6♍55	11♒31	25♈12	4♏56	19♑25	8♎50	14♌33	6♐58	5♐33	22♑ 6	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23n35	15n58	4s11	25n 9	1n30	14n50	0s 9	21s45	5s33	7n33	1s16	11s 8	2n15	22s40	0s35	1s37	1n56	29n38	13n20	21s57	21s44	18s59			n.a.
T 2	23 33	11 27	4 51	25 9	1 34	14 28	0 16	21 48	5 37	7 36	1 16	11 8	2 15	22 41	0 35	1 37	1 56	29 37	13 20	21 57	21 44	18 57			n.a.
F 3	23 30	6 21	5 11	25 7	1 39	14 5	0 24	21 51	5 41	7 39	1 17	11 7	2 14	22 41	0 35	1 37	1 56	29 36	13 20	21 56	21 43	18 56			n.a.
S 4	23 27	1 3	5 11	25 2	1 42	13 42	0 31	21 54	5 45	7 42	1 17	11 7	2 14	22 42	0 35	1 38	1 56	29 36	13 19	21 56	21 42	18 54			n.a.
S 5	23 23	4s 8	4 53	24 55	1 45	13 19	0 39	21 57	5 49	7 45	1 17	11 7	2 14	22 42	0 35	1 38	1 56	29 35	13 19	21 55	21 42	18 52			n.a.
M 6	23 19	8 59	4 19	24 45	1 47	12 57	0 47	22 0	5 52	7 47	1 17	11 7	2 14	22 42	0 35	1 38	1 56	29 34	13 19	21 55	21 41	18 51			n.a.
T 7	23 14	13 16	3 33	24 32	1 48	12 34	0 55	22 4	5 56	7 50	1 17	11 7	2 13	22 43	0 35	1 38	1 56	29 34	13 19	21 55	21 41	18 49			n.a.
W 8	23 9	16 52	2 38	24 18	1 48	12 11	1 3	22 8	6 0	7 53	1 17	11 8	2 13	22 43	0 35	1 38	1 56	29 33	13 19	21 56	21 40	18 48			n.a.
T 9	23 4	19 37	1 36	24 1	1 48	11 48	1 12	22 12	6 3	7 55	1 18	11 8	2 13	22 43	0 35	1 39	1 56	29 32	13 19	21 56	21 40	18 46			n.a.
F 10	22 58	21 26	0 31	23 42	1 48	11 25	1 21	22 16	6 6	7 58	1 18	11 8	2 13	22 44	0 35	1 39	1 56	29 31	13 19	21 56	21 39	18 44			n.a.
S 11	22 52	22 14	0n34	23 21	1 46	11 3	1 29	22 20	6 10	8 0	1 18	11 8	2 12	22 44	0 35	1 39	1 55	29 31	13 18	21 56	21 39	18 43			n.a.
S 12	22 45	22 1	1 38	22 59	1 45	10 40	1 38	22 25	6 13	8 2	1 18	11 8	2 12	22 45	0 35	1 40	1 55	29 30	13 18	21 56	21 38	18 41			n.a.
M13	22 38	20 49	2 36	22 35	1 42	10 17	1 48	22 29	6 16	8 5	1 18	11 8	2 12	22 45	0 35	1 40	1 55	29 29	13 18	21 55	21 38	18 40			n.a.
T 14	22 31	18 43	3 28	22 9	1 39	9 55	1 57	22 34	6 19	8 7	1 19	11 9	2 12	22 45	0 35	1 40	1 55	29 29	13 18	21 54	21 37	18 38			n.a.
W15	22 23	15 50	4 11	21 42	1 36	9 33	2 7	22 39	6 22	8 9	1 19	11 9	2 11	22 46	0 35	1 40	1 55	29 28	13 18	21 53	21 36	18 36			n.a.
T 16	22 15	12 18	4 42	21 14	1 32	9 11	2 17	22 44	6 25	8 11	1 19	11 9	2 11	22 46	0 35	1 41	1 55	29 27	13 18	21 52	21 36	18 35			n.a.
F 17	22 6	8 15	5 2	20 44	1 28	8 49	2 27	22 49	6 28	8 13	1 19	11 10	2 11	22 46	0 35	1 41	1 55	29 27	13 18	21 51	21 35	18 33			n.a.
S 18	21 57	3 52	5 9	20 14	1 24	8 27	2 37	22 54	6 30	8 15	1 19	11 10	2 11	22 47	0 35	1 42	1 55	29 26	13 18	21 50	21 35	18 32			n.a.
S 19	21 48	0n43	5 1	19 42	1 19	8 6	2 47	22 59	6 33	8 17	1 20	11 11	2 10	22 47	0 35	1 42	1 55	29 25	13 18	21 49	21 34	18 30			n.a.
M20	21 38	5 22	4 40	19 9	1 13	7 45	2 58	23 5	6 35	8 19	1 20	11 11	2 10	22 47	0 35	1 42	1 55	29 24	13 17	21 48	21 34	18 28			n.a.
T 21	21 28	9 53	4 4	18 36	1 7	7 24	3 8	23 10	6 37	8 21	1 20	11 12	2 10	22 48	0 35	1 43	1 55	29 24	13 17	21 48	21 33	18 27			n.a.
W22	21 18	14 4	3 15	18 2	1 1	7 4	3 19	23 15	6 39	8 22	1 20	11 12	2 9	22 48	0 35	1 43	1 55	29 23	13 17	21 48	21 33	18 25			n.a.
T 23	21 7	17 40	2 14	17 27	0 55	6 44	3 30	23 21	6 41	8 24	1 20	11 13	2 9	22 48	0 35	1 44	1 55	29 22	13 17	21 48	21 32	18 23			n.a.
F 24	20 55	20 24	1 4	16 52	0 49	6 25	3 42	23 26	6 43	8 26	1 21	11 13	2 9	22 49	0 35	1 44	1 55	29 22	13 17	21 48	21 31	18 22			n.a.
S 25	20 44	21 58	0s13	16 16	0 42	6 5	3 53	23 32	6 44	8 27	1 21	11 14	2 9	22 49	0 35	1 44	1 55	29 21	13 17	21 48	21 31	18 20			n.a.
S 26	20 32	22 5	1 30	15 40	0 35	5 47	4 4	23 37	6 45	8 29	1 21	11 15	2 8	22 50	0 35	1 45	1 55	29 20	13 17	21 48	21 30	18 19			n.a.
M27	20 20	20 38	2 43	15 3	0 27	5 29	4 16	23 43	6 47	8 30	1 21	11 15	2 8	22 50	0 35	1 45	1 54	29 20	13 17	21 47	21 30	18 17			n.a.
T 28	20 7	17 43	3 45	14 26	0 20	5 11	4 28	23 48	6 48	8 31	1 21	11 16	2 8	22 50	0 35	1 46	1 54	29 19	13 17	21 46	21 29	18 15			n.a.
W29	19 54	13 35	4 32	13 49	0 12	4 54	4 40	23 53	6 48	8 33	1 22	11 17	2 8	22 51	0 35	1 46	1 54	29 18	13 17	21 45	21 29	18 14			n.a.
T 30	19 41	8 36	4 59	13 12	0 4	4 38	4 52	23 58	6 49	8 34	1 22	11 18	2 7	22 51	0 35	1 47	1 54	29 18	13 17	21 44	21 28	18 12			n.a.
F 31	19n27	3n13	5s 5	12n35	0s 4	4n22	5s 4	24s 3	6s49	8n35	1s22	11s18	2n 7	22s51	0s35	1s47	1n54	29n17	13n17	21s42	21s28	18s10			n.a.

Julian Day Number = 1715029.5, Delta T = 02h58m48s
Ecliptic obliquity = 23°41'45, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°18'14, Lahiri = - 4°11'13 Julian Calendar 1 July 18 BCE == Greg. Calendar 29 June 018 BCE

The year -17 astronomical counting style corresponds to year 018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 18 BCE
geocentric

AUGUST 18 BCE (-17) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 26 50	5♌ 1'29	24♍21	28♌25	7♍ 5	11°R15	25♈15	4♏58	19°R23	8♎51	14♌35	6°R51	5♐30	22♑12	n.a.	S 1
S 2	20 30 46	5°59'32	8♎18	29°49	7°13	10♒59	25°19	5° 0	19♑21	8°52	14°37	6♐46	5°26	22°19	n.a.	S 2
M 3	20 34 43	6°57'37	21°45	1♍11	7°19	10°42	25°22	5° 2	19°18	8°53	14°39	6°43	5°23	22°26	n.a.	M 3
T 4	20 38 39	7°55'43	4♏45	2°32	7°23	10°26	25°24	5° 4	19°16	8°55	14°41	6°D41	5°20	22°32	n.a.	T 4
W 5	20 42 36	8°53'51	17°21	3°51	7°R24	10° 9	25°27	5° 6	19°14	8°56	14°44	6°42	5°17	22°39	n.a.	W 5
T 6	20 46 32	9°52'01	29°39	5° 8	7°23	9°53	25°30	5° 8	19°12	8°57	14°46	6°42	5°14	22°46	n.a.	T 6
F 7	20 50 29	10°50'12	11♐43	6°24	7°20	9°37	25°32	5°11	19°10	8°59	14°48	6°R42	5°11	22°52	n.a.	F 7
S 8	20 54 26	11°48'24	23°37	7°38	7°14	9°20	25°34	5°13	19° 7	9° 0	14°50	6°41	5° 7	22°59	n.a.	S 8
S 9	20 58 22	12°46'39	5♑27	8°51	7° 6	9° 4	25°36	5°16	19° 5	9° 2	14°52	6°37	5° 4	23° 6	n.a.	S 9
M10	21 2 19	13°44'55	17°16	10° 1	6°55	8°48	25°37	5°18	19° 3	9° 3	14°54	6°31	5° 1	23°12	n.a.	M10
T 11	21 6 15	14°43'12	29° 7	11° 9	6°42	8°32	25°39	5°21	19° 1	9° 4	14°56	6°22	4°58	23°19	n.a.	T 11
W12	21 10 12	15°41'32	11♒ 2	12°16	6°27	8°17	25°40	5°24	18°59	9° 6	14°58	6°10	4°55	23°26	n.a.	W12
T 13	21 14 8	16°39'54	23° 2	13°20	6° 9	8° 2	25°41	5°27	18°57	9° 7	15° 0	5°58	4°51	23°33	n.a.	T 13
F 14	21 18 5	17°38'17	5♓ 9	14°22	5°49	7°47	25°42	5°30	18°55	9° 9	15° 3	5°45	4°48	23°39	n.a.	F 14
S 15	21 22 1	18°36'42	17°24	15°21	5°27	7°33	25°43	5°33	18°53	9°11	15° 5	5°33	4°45	23°46	n.a.	S 15
S 16	21 25 58	19°35'10	29°47	16°18	5° 3	7°19	25°43	5°36	18°51	9°12	15° 7	5°22	4°42	23°53	n.a.	S 16
M17	21 29 55	20°33'40	12♈21	17°11	4°37	7° 5	25°44	5°39	18°49	9°14	15° 9	5°15	4°39	23°59	n.a.	M17
T 18	21 33 51	21°32'12	25° 8	18° 2	4° 9	6°52	25°R44	5°43	18°47	9°15	15°11	5° 9	4°36	24° 6	n.a.	T 18
W19	21 37 48	22°30'46	8♉10	18°50	3°39	6°40	25°44	5°46	18°45	9°17	15°13	5° 7	4°32	24°13	n.a.	W19
T 20	21 41 44	23°29'22	21°29	19°34	3° 8	6°28	25°43	5°50	18°44	9°19	15°15	5°D 6	4°29	24°19	n.a.	T 20
F 21	21 45 41	24°28'01	5♊ 8	20°14	2°35	6°17	25°43	5°53	18°42	9°20	15°17	5°R 6	4°26	24°26	n.a.	F 21
S 22	21 49 37	25°26'43	19°10	20°50	2° 1	6° 6	25°42	5°57	18°40	9°22	15°19	5° 6	4°23	24°33	n.a.	S 22
S 23	21 53 34	26°25'26	3♋33	21°22	1°26	5°56	25°41	6° 1	18°38	9°24	15°21	5° 4	4°20	24°39	n.a.	S 23
M24	21 57 30	27°24'13	18°17	21°49	0°50	5°47	25°40	6° 4	18°36	9°26	15°23	4°59	4°17	24°46	n.a.	M24
T 25	22 1 27	28°23'01	3♌15	22°11	0°14	5°38	25°39	6° 8	18°35	9°27	15°26	4°51	4°13	24°53	n.a.	T 25
W26	22 5 23	29°21'51	18°20	22°28	29♌37	5°30	25°37	6°12	18°33	9°29	15°28	4°41	4°10	24°59	n.a.	W26
T 27	22 9 20	0♍20'44	3♍21	22°38	29° 0	5°23	25°35	6°16	18°32	9°31	15°30	4°30	4° 7	25° 6	n.a.	T 27
F 28	22 13 17	1°19'39	18°10	22°R43	28°24	5°16	25°33	6°21	18°30	9°33	15°32	4°19	4° 4	25°13	n.a.	F 28
S 29	22 17 13	2°18'35	2♎38	22°41	27°48	5°11	25°31	6°25	18°28	9°35	15°34	4° 8	4° 1	25°20	n.a.	S 29
S 30	22 21 10	3°17'34	16°39	22°32	27°12	5° 6	25°29	6°29	18°27	9°37	15°36	4° 0	3°57	25°26	n.a.	S 30
M31	22 25 6	4♍16'34	0♏11	22♍15	26♌37	5♒ 2	25♈26	6♏33	18♑26	9♎39	15♌38	3♐55	3♐54	25♑33	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n13	2s11	4s51	11n57	0s13	4n 7	5s16	24s 8	6s49	8n36	1s22	11s19	2n 7	22s52	0s35	1s48	1n54	29n16	13n17	21s41	21s27	18s 9		n.a.
S 2	18 59	7 18	4 21	11 20	0 21	3 53	5 28	24 12	6 49	8 37	1 22	11 20	2 7	22 52	0 35	1 48	1 54	29 16	13 17	21 40	21 26	18 7		n.a.
M 3	18 44	11 54	3 37	10 43	0 29	3 40	5 40	24 17	6 49	8 38	1 23	11 21	2 6	22 52	0 35	1 49	1 54	29 15	13 17	21 40	21 26	18 5		n.a.
T 4	18 29	15 47	2 42	10 6	0 38	3 27	5 52	24 21	6 49	8 39	1 23	11 22	2 6	22 53	0 35	1 50	1 54	29 14	13 17	21 40	21 25	18 4		n.a.
W 5	18 14	18 49	1 42	9 29	0 47	3 15	6 4	24 25	6 48	8 39	1 23	11 23	2 6	22 53	0 35	1 50	1 54	29 14	13 17	21 40	21 25	18 2		n.a.
T 6	17 58	20 54	0 38	8 52	0 56	3 5	6 16	24 29	6 47	8 40	1 23	11 24	2 6	22 53	0 35	1 51	1 54	29 13	13 17	21 40	21 24	18 0		n.a.
F 7	17 42	21 59	0n27	8 15	1 5	2 55	6 28	24 33	6 46	8 41	1 23	11 25	2 5	22 53	0 35	1 51	1 54	29 12	13 17	21 40	21 24	17 59		n.a.
S 8	17 26	22 4	1 29	7 39	1 14	2 46	6 39	24 36	6 45	8 41	1 24	11 26	2 5	22 54	0 35	1 52	1 54	29 12	13 17	21 39	21 23	17 57		n.a.
S 9	17 9	21 8	2 27	7 4	1 23	2 39	6 51	24 39	6 44	8 42	1 24	11 27	2 5	22 54	0 35	1 52	1 54	29 11	13 17	21 39	21 22	17 55		n.a.
M10	16 53	19 17	3 18	6 29	1 32	2 32	7 2	24 42	6 42	8 42	1 24	11 28	2 5	22 54	0 35	1 53	1 54	29 11	13 17	21 38	21 22	17 53		n.a.
T 11	16 36	16 38	4 1	5 54	1 41	2 27	7 13	24 45	6 40	8 43	1 24	11 30	2 4	22 55	0 35	1 54	1 54	29 10	13 17	21 36	21 21	17 52		n.a.
W12	16 18	13 16	4 33	5 21	1 50	2 22	7 24	24 47	6 38	8 43	1 24	11 31	2 4	22 55	0 35	1 54	1 54	29 9	13 17	21 34	21 21	17 50		n.a.
T 13	16 1	9 22	4 54	4 48	1 59	2 19	7 34	24 49	6 36	8 43	1 25	11 32	2 4	22 55	0 35	1 55	1 54	29 9	13 17	21 32	21 20	17 48		n.a.
F 14	15 43	5 3	5 1	4 16	2 8	2 18	7 44	24 51	6 34	8 43	1 25	11 33	2 4	22 55	0 35	1 56	1 54	29 8	13 17	21 30	21 19	17 47		n.a.
S 15	15 25	0 31	4 55	3 44	2 16	2 17	7 53	24 52	6 31	8 43	1 25	11 34	2 3	22 56	0 35	1 56	1 54	29 8	13 18	21 28	21 19	17 45		n.a.
S 16	15 6	4n 6	4 35	3 14	2 25	2 18	8 2	24 53	6 29	8 43	1 25	11 36	2 3	22 56	0 35	1 57	1 53	29 7	13 18	21 26	21 18	17 43		n.a.
M17	14 47	8 37	4 1	2 45	2 34	2 19	8 10	24 54	6 26	8 43	1 26	11 37	2 3	22 56	0 35	1 58	1 53	29 6	13 18	21 24	21 18	17 42		n.a.
T 18	14 29	12 51	3 15	2 18	2 42	2 23	8 17	24 55	6 23	8 43	1 26	11 38	2 3	22 57	0 35	1 58	1 53	29 6	13 18	21 23	21 17	17 40		n.a.
W19	14 9	16 33	2 18	1 52	2 50	2 27	8 24	24 55	6 20	8 43	1 26	11 40	2 3	22 57	0 35	1 59	1 53	29 5	13 18	21 23	21 17	17 38		n.a.
T 20	13 50	19 29	1 12	1 27	2 58	2 33	8 30	24 55	6 16	8 43	1 26	11 41	2 2	22 57	0 35	2 0	1 53	29 5	13 18	21 23	21 16	17 36		n.a.
F 21	13 30	21 23	0s 0	1 4	3 6	2 39	8 35	24 55	6 13	8 42	1 26	11 42	2 2	22 57	0 35	2 0	1 53	29 4	13 18	21 23	21 15	17 35		n.a.
S 22	13 11	22 1	1 14	0 43	3 13	2 47	8 39	24 54	6 10	8 42	1 27	11 44	2 2	22 58	0 35	2 1	1 53	29 4	13 18	21 23	21 15	17 33		n.a.
S 23	12 51	21 15	2 24	0 24	3 20	2 56	8 43	24 53	6 6	8 41	1 27	11 45	2 2	22 58	0 35	2 2	1 53	29 3	13 18	21 22	21 14	17 31		n.a.
M24	12 30	19 1	3 27	0 8	3 26	3 6	8 45	24 52	6 2	8 41	1 27	11 47	2 1	22 58	0 35	2 3	1 53	29 3	13 19	21 21	21 14	17 30		n.a.
T 25	12 10	15 29	4 16	0s 6	3 32	3 17	8 47	24 51	5 59	8 40	1 27	11 48	2 1	22 58	0 35	2 3	1 53	29 2	13 19	21 20	21 13	17 28		n.a.
W26	11 49	10 55	4 48	0 18	3 37	3 29	8 48	24 49	5 55	8 39	1 27	11 50	2 1	22 58	0 35	2 4	1 53	29 2	13 19	21 18	21 12	17 26		n.a.
T 27	11 28	5 43	5 0	0 26	3 41	3 42	8 47	24 47	5 51	8 38	1 27	11 51	2 1	22 59	0 35	2 5	1 53	29 1	13 19	21 16	21 12	17 24		n.a.
F 28	11 7	0 15	4 52	0 31	3 45	3 56	8 46	24 45	5 47	8 38	1 28	11 53	2 0	22 59	0 35	2 6	1 53	29 1	13 19	21 14	21 11	17 23		n.a.
S 29	10 46	5s 6	4 25	0 32	3 47	4 10	8 44	24 42	5 43	8 37	1 28	11 55	2 0	22 59	0 35	2 6	1 53	29 0	13 19	21 12	21 11	17 21		n.a.
S 30	10 24	10 1	3 42	0 30	3 48	4 25	8 41	24 39	5 38	8 36	1 28	11 56	2 0	22 59	0 35	2 7	1 53	29 0	13 20	21 11	21 10	17 19		n.a.
M31	10n 3	14s16	2s48	0s23	3s48	4n40	8s37	24s36	5s34	8n34	1s28	11s58	2n 0	22s59	0s35	2s 8	1n53	28n59	13n20	21s10	21s 9	17s17		n.a.

Julian Day Number = 1715060.5, Delta T = 02h58m48s
Ecliptic obliquity = 23°41'46, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°18'09, Lahiri = - 4°11'09 Julian Calendar 1 Aug. 18 BCE == Greg. Calendar 30 July 018 BCE

The year -17 astronomical counting style corresponds to year 018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 18 BCE
geocentric

SEPTEMBER 18 BCE (-17) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 29 3	5♍15'37	13♏14	21°R51	26°R 4	4°R58	25°R24	6♏38	18°R24	9♎40	15♌40	3°R52	3♐51	25♑40	n.a.	T 1
W 2	22 32 59	6°14'41	25°53	21♍19	25♌31	4♒56	25♈21	6°42	18♑23	9°42	15°42	3♐51	3°48	25°46	n.a.	W 2
T 3	22 36 56	7°13'47	8♐12	20°40	25° 1	4°54	25°18	6°47	18°21	9°44	15°44	3°51	3°45	25°53	n.a.	T 3
F 4	22 40 52	8°12'55	20°16	19°54	24°31	4°53	25°14	6°52	18°20	9°46	15°46	3°51	3°42	26° 0	n.a.	F 4
S 5	22 44 49	9°12'05	2♑10	19° 0	24° 4	4°D53	25°11	6°56	18°19	9°48	15°48	3°49	3°38	26° 6	n.a.	S 5
S 6	22 48 46	10°11'17	14° 0	18° 1	23°38	4°54	25° 7	7° 1	18°18	9°50	15°50	3°45	3°35	26°13	n.a.	S 6
M 7	22 52 42	11°10'31	25°49	16°57	23°15	4°56	25° 3	7° 6	18°17	9°52	15°52	3°38	3°32	26°20	n.a.	M 7
T 8	22 56 39	12° 9'47	7♒43	15°48	22°54	4°58	24°59	7°11	18°15	9°54	15°54	3°29	3°29	26°27	n.a.	T 8
W 9	23 0 35	13° 9'05	19°43	14°38	22°35	5° 1	24°55	7°16	18°14	9°56	15°56	3°17	3°26	26°33	n.a.	W 9
T 10	23 4 32	14° 8'24	1♓52	13°27	22°18	5° 5	24°51	7°21	18°13	9°58	15°58	3° 4	3°23	26°40	n.a.	T 10
F 11	23 8 28	15° 7'46	14°11	12°18	22° 4	5°10	24°46	7°26	18°12	10° 0	15°59	2°50	3°19	26°47	n.a.	F 11
S 12	23 12 25	16° 7'10	26°40	11°13	21°52	5°15	24°41	7°31	18°11	10° 3	16° 1	2°37	3°16	26°53	n.a.	S 12
S 13	23 16 21	17° 6'36	9♈20	10°13	21°42	5°21	24°36	7°37	18°11	10° 5	16° 3	2°26	3°13	27° 0	n.a.	S 13
M14	23 20 18	18° 6'04	22°10	9°20	21°35	5°28	24°31	7°42	18°10	10° 7	16° 5	2°17	3°10	27° 7	n.a.	M14
T 15	23 24 14	19° 5'35	5♉12	8°36	21°31	5°36	24°26	7°47	18° 9	10° 9	16° 7	2°12	3° 7	27°13	n.a.	T 15
W16	23 28 11	20° 5'08	18°24	8° 1	21°D29	5°44	24°21	7°53	18° 8	10°11	16° 9	2° 9	3° 3	27°20	n.a.	W16
T 17	23 32 8	21° 4'43	1♊50	7°38	21°29	5°53	24°15	7°58	18° 7	10°13	16°11	2°D 8	3° 0	27°27	n.a.	T 17
F 18	23 36 4	22° 4'21	15°29	7°25	21°32	6° 3	24° 9	8° 4	18° 7	10°15	16°12	2°R 9	2°57	27°33	n.a.	F 18
S 19	23 40 1	23° 4'01	29°24	7°D23	21°37	6°13	24° 3	8° 9	18° 6	10°17	16°14	2° 9	2°54	27°40	n.a.	S 19
S 20	23 43 57	24° 3'44	13♋33	7°33	21°44	6°25	23°57	8°15	18° 6	10°20	16°16	2° 7	2°51	27°47	n.a.	S 20
M21	23 47 54	25° 3'29	27°58	7°52	21°54	6°36	23°51	8°21	18° 5	10°22	16°18	2° 3	2°48	27°54	n.a.	M21
T 22	23 51 50	26° 3'17	12♌33	8°22	22° 6	6°49	23°45	8°27	18° 5	10°24	16°19	1°57	2°44	28° 0	n.a.	T 22
W23	23 55 47	27° 3'06	27°14	9° 1	22°20	7° 2	23°38	8°32	18° 4	10°26	16°21	1°48	2°41	28° 7	n.a.	W23
T 24	23 59 43	28° 2'58	11♍55	9°49	22°36	7°16	23°32	8°38	18° 4	10°28	16°23	1°38	2°38	28°14	n.a.	T 24
F 25	0 3 40	29° 2'52	26°26	10°44	22°54	7°30	23°25	8°44	18° 4	10°31	16°24	1°28	2°35	28°20	n.a.	F 25
S 26	0 7 37	0♎ 2'48	10♎42	11°47	23°14	7°45	23°18	8°50	18° 3	10°33	16°26	1°19	2°32	28°27	n.a.	S 26
S 27	0 11 33	1° 2'46	24°36	12°55	23°36	8° 1	23°11	8°56	18° 3	10°35	16°28	1°11	2°28	28°34	n.a.	S 27
M28	0 15 30	2° 2'46	8♏ 6	14° 8	23°59	8°17	23° 4	9° 2	18° 3	10°37	16°29	1° 7	2°25	28°40	n.a.	M28
T 29	0 19 26	3° 2'48	21°10	15°26	24°25	8°34	22°57	9° 8	18° 3	10°40	16°31	1° 4	2°22	28°47	n.a.	T 29
W30	0 23 23	4♎ 2'51	3♐52	16♍48	24♌52	8♒51	22♈49	9♏14	18♑ 3	10♎42	16♌32	1°D 4	2♐19	28♑54	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9n41	17s40	1s47	0s12	3s47	4n56	8s32	24s33	5s30	8n33	1s28	12s 0	2n 0	23s 0	0s35	2s 9	1n53	28n59	13n20	21s 9	21s 9	17s16		n.a.
W 2	9 19	20 7	0 42	0n 3	3 44	5 12	8 26	24 29	5 25	8 32	1 29	12 1	1 59	23 0	0 35	2 10	1 53	28 58	13 20	21 9	21 8	17 14		n.a.
T 3	8 57	21 32	0n23	0 23	3 39	5 28	8 20	24 26	5 21	8 31	1 29	12 3	1 59	23 0	0 35	2 10	1 53	28 58	13 20	21 9	21 8	17 12		n.a.
F 4	8 35	21 55	1 26	0 47	3 33	5 45	8 13	24 22	5 17	8 29	1 29	12 5	1 59	23 0	0 35	2 11	1 53	28 57	13 21	21 9	21 7	17 10		n.a.
S 5	8 12	21 17	2 24	1 16	3 25	6 1	8 5	24 17	5 12	8 28	1 29	12 6	1 59	23 0	0 35	2 12	1 53	28 57	13 21	21 8	21 6	17 9		n.a.
S 6	7 50	19 43	3 15	1 49	3 14	6 18	7 56	24 13	5 8	8 26	1 29	12 8	1 59	23 0	0 35	2 13	1 53	28 56	13 21	21 8	21 6	17 7		n.a.
M 7	7 27	17 18	3 58	2 25	3 2	6 34	7 47	24 8	5 3	8 25	1 29	12 10	1 58	23 1	0 35	2 14	1 53	28 56	13 21	21 6	21 5	17 5		n.a.
T 8	7 4	14 10	4 31	3 5	2 48	6 50	7 37	24 3	4 59	8 23	1 30	12 12	1 58	23 1	0 35	2 14	1 53	28 56	13 22	21 5	21 5	17 3		n.a.
W 9	6 41	10 26	4 52	3 47	2 32	7 6	7 27	23 58	4 54	8 22	1 30	12 14	1 58	23 1	0 35	2 15	1 53	28 55	13 22	21 2	21 4	17 1		n.a.
T 10	6 18	6 15	5 0	4 31	2 14	7 21	7 16	23 53	4 50	8 20	1 30	12 15	1 58	23 1	0 35	2 16	1 53	28 55	13 22	21 0	21 3	17 0		n.a.
F 11	5 55	1 46	4 54	5 15	1 55	7 36	7 5	23 47	4 45	8 18	1 30	12 17	1 58	23 1	0 35	2 17	1 53	28 55	13 22	20 57	21 3	16 58		n.a.
S 12	5 32	2n51	4 35	5 58	1 35	7 51	6 54	23 42	4 41	8 16	1 30	12 19	1 57	23 1	0 35	2 18	1 53	28 54	13 23	20 54	21 2	16 56		n.a.
S 13	5 9	7 25	4 1	6 40	1 15	8 5	6 42	23 36	4 37	8 14	1 30	12 21	1 57	23 1	0 35	2 19	1 53	28 54	13 23	20 52	21 1	16 54		n.a.
M14	4 45	11 44	3 15	7 19	0 55	8 18	6 30	23 30	4 32	8 12	1 30	12 23	1 57	23 1	0 35	2 20	1 52	28 54	13 23	20 51	21 1	16 53		n.a.
T 15	4 22	15 33	2 18	7 54	0 35	8 31	6 18	23 24	4 28	8 10	1 30	12 25	1 57	23 1	0 35	2 20	1 52	28 53	13 23	20 49	21 0	16 51		n.a.
W16	3 58	18 39	1 12	8 25	0 15	8 43	6 6	23 17	4 23	8 8	1 31	12 27	1 57	23 1	0 35	2 21	1 52	28 53	13 24	20 49	21 0	16 49		n.a.
T 17	3 34	20 47	0 2	8 52	0n 4	8 55	5 54	23 11	4 19	8 6	1 31	12 29	1 57	23 2	0 35	2 22	1 52	28 53	13 24	20 49	20 59	16 47		n.a.
F 18	3 11	21 44	1s10	9 13	0 22	9 6	5 41	23 4	4 15	8 4	1 31	12 31	1 56	23 2	0 35	2 23	1 52	28 52	13 24	20 49	20 58	16 45		n.a.
S 19	2 47	21 22	2 19	9 29	0 38	9 16	5 29	22 57	4 10	8 1	1 31	12 33	1 56	23 2	0 35	2 24	1 52	28 52	13 25	20 49	20 58	16 44		n.a.
S 20	2 23	19 39	3 21	9 39	0 53	9 25	5 16	22 50	4 6	7 59	1 31	12 35	1 56	23 2	0 35	2 25	1 52	28 52	13 25	20 48	20 57	16 42		n.a.
M21	1 59	16 41	4 12	9 44	1 7	9 34	5 4	22 43	4 2	7 57	1 31	12 37	1 56	23 2	0 35	2 26	1 52	28 51	13 25	20 48	20 57	16 40		n.a.
T 22	1 35	12 39	4 46	9 44	1 19	9 42	4 52	22 35	3 57	7 54	1 31	12 39	1 56	23 2	0 35	2 26	1 52	28 51	13 26	20 46	20 56	16 38		n.a.
W23	1 11	7 50	5 2	9 39	1 29	9 49	4 39	22 28	3 53	7 52	1 31	12 41	1 56	23 2	0 34	2 27	1 52	28 51	13 26	20 45	20 55	16 36		n.a.
T 24	0 47	2 35	4 58	9 29	1 38	9 55	4 27	22 20	3 49	7 49	1 31	12 43	1 55	23 2	0 34	2 28	1 52	28 51	13 26	20 43	20 55	16 35		n.a.
F 25	0 23	2s46	4 35	9 15	1 46	10 1	4 15	22 13	3 45	7 47	1 31	12 45	1 55	23 2	0 34	2 29	1 52	28 50	13 27	20 41	20 54	16 33		n.a.
S 26	0s 1	7 53	3 55	8 56	1 52	10 6	4 3	22 5	3 41	7 44	1 31	12 47	1 55	23 2	0 34	2 30	1 52	28 50	13 27	20 39	20 53	16 31		n.a.
S 27	0 25	12 27	3 2	8 35	1 57	10 10	3 51	21 57	3 37	7 41	1 31	12 49	1 55	23 2	0 34	2 31	1 52	28 50	13 27	20 37	20 53	16 29		n.a.
M28	0 49	16 14	2 0	8 9	2 0	10 13	3 39	21 48	3 33	7 39	1 31	12 51	1 55	23 2	0 34	2 32	1 52	28 50	13 28	20 36	20 52	16 27		n.a.
T 29	1 13	19 6	0 53	7 41	2 3	10 16	3 27	21 40	3 29	7 36	1 32	12 53	1 55	23 2	0 34	2 33	1 52	28 50	13 28	20 36	20 51	16 25		n.a.
W30	1s38	20s54	0n15	7n11	2n 5	10n18	3s16	21s32	3s25	7n33	1s32	12s55	1n54	23s 2	0s34	2s34	1n52	28n50	13n28	20s35	20s51	16s24		n.a.

Julian Day Number = 1715091.5, Delta T = 02h58m47s
Ecliptic obliquity = 23°41'46, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°18'05, Lahiri = - 4°11'05 Julian Calendar 1 Sept. 18 BCE == Greg. Calendar 30 Aug. 018 BCE

The year -17 astronomical counting style corresponds to year 018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 18 BCE
geocentric

OCTOBER 18 BCE (-17) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 27 19	5♎ 2'57	16♐13	18♍12	25♌21	9♒ 9	22°R42	9♏21	18°D 3	10♎44	16♌34	1♐ 4	2♐16	29♉ 1	n.a.	T 1
F 2	0 31 16	6° 3'04	28°19	19°40	25°51	9°27	22♈34	9°27	18♉ 3	10°46	16°35	1° 5	2°13	29° 7	n.a.	F 2
S 3	0 35 12	7° 3'13	10♉15	21°10	26°23	9°46	22°27	9°33	18° 3	10°49	16°37	1°R 6	2° 9	29°14	n.a.	S 3
S 4	0 39 9	8° 3'23	22° 6	22°42	26°56	10° 6	22°19	9°40	18° 3	10°51	16°38	1° 4	2° 6	29°21	n.a.	S 4
M 5	0 43 6	9° 3'35	3♒57	24°15	27°31	10°26	22°11	9°46	18° 3	10°53	16°40	1° 1	2° 3	29°27	n.a.	M 5
T 6	0 47 2	10° 3'49	15°53	25°49	28° 7	10°46	22° 3	9°52	18° 4	10°55	16°41	0°55	2° 0	29°34	n.a.	T 6
W 7	0 50 59	11° 4'04	27°58	27°25	28°44	11° 7	21°56	9°59	18° 4	10°57	16°43	0°48	1°57	29°41	n.a.	W 7
T 8	0 54 55	12° 4'21	10♓14	29° 1	29°23	11°29	21°48	10° 5	18° 4	11° 0	16°44	0°39	1°54	29°47	n.a.	T 8
F 9	0 58 52	13° 4'40	22°44	0♎38	0♍ 3	11°51	21°40	10°12	18° 5	11° 2	16°45	0°30	1°50	29°54	n.a.	F 9
S 10	1 2 48	14° 5'00	5♈29	2°15	0°44	12°13	21°32	10°18	18° 5	11° 4	16°47	0°21	1°47	0♒ 1	n.a.	S 10
S 11	1 6 45	15° 5'22	18°27	3°52	1°26	12°36	21°24	10°25	18° 6	11° 6	16°48	0°14	1°44	0° 8	n.a.	S 11
M12	1 10 41	16° 5'46	1♉40	5°29	2°10	12°59	21°15	10°31	18° 6	11° 9	16°49	0° 9	1°41	0°14	n.a.	M12
T 13	1 14 38	17° 6'12	15° 4	7° 7	2°54	13°22	21° 7	10°38	18° 7	11°11	16°51	0° 5	1°38	0°21	n.a.	T 13
W14	1 18 34	18° 6'39	28°39	8°44	3°40	13°46	20°59	10°45	18° 7	11°13	16°52	0°D 4	1°34	0°28	n.a.	W14
T 15	1 22 31	19° 7'09	12♊23	10°22	4°26	14°11	20°51	10°51	18° 8	11°15	16°53	0° 5	1°31	0°34	n.a.	T 15
F 16	1 26 28	20° 7'40	26°16	11°59	5°14	14°35	20°43	10°58	18° 9	11°18	16°54	0° 6	1°28	0°41	n.a.	F 16
S 17	1 30 24	21° 8'14	10♋16	13°36	6° 2	15° 0	20°35	11° 5	18°10	11°20	16°55	0° 7	1°25	0°48	n.a.	S 17
S 18	1 34 21	22° 8'49	24°22	15°13	6°51	15°26	20°26	11°12	18°11	11°22	16°56	0°R 8	1°22	0°54	n.a.	S 18
M19	1 38 17	23° 9'27	8♌34	16°50	7°41	15°52	20°18	11°18	18°12	11°24	16°57	0° 7	1°19	1° 1	n.a.	M19
T 20	1 42 14	24°10'06	22°49	18°26	8°32	16°18	20°10	11°25	18°12	11°27	16°59	0° 4	1°15	1° 8	n.a.	T 20
W21	1 46 10	25°10'47	7♍ 4	20° 2	9°24	16°44	20° 2	11°32	18°14	11°29	17° 0	29♏59	1°12	1°15	n.a.	W21
T 22	1 50 7	26°11'30	21°15	21°38	10°16	17°11	19°54	11°39	18°15	11°31	17° 1	29°55	1° 9	1°21	n.a.	T 22
F 23	1 54 3	27°12'14	5♎19	23°14	11° 9	17°38	19°46	11°46	18°16	11°33	17° 2	29°49	1° 6	1°28	n.a.	F 23
S 24	1 58 0	28°13'00	19°10	24°50	12° 3	18° 6	19°38	11°53	18°17	11°35	17° 2	29°44	1° 3	1°35	n.a.	S 24
S 25	2 1 57	29°13'47	2♏45	26°26	12°58	18°33	19°30	12° 0	18°18	11°38	17° 3	29°40	0°59	1°41	n.a.	S 25
M26	2 5 53	0♏14'36	16° 2	28° 1	13°53	19° 1	19°22	12° 7	18°19	11°40	17° 4	29°38	0°56	1°48	n.a.	M26
T 27	2 9 50	1°15'27	28°59	29°36	14°49	19°30	19°14	12°14	18°21	11°42	17° 5	29°D37	0°53	1°55	n.a.	T 27
W28	2 13 46	2°16'18	11♐37	1♏11	15°45	19°58	19° 6	12°21	18°22	11°44	17° 6	29°38	0°50	2° 2	n.a.	W28
T 29	2 17 43	3°17'11	23°58	2°46	16°42	20°27	18°58	12°28	18°23	11°46	17° 7	29°39	0°47	2° 8	n.a.	T 29
F 30	2 21 39	4°18'04	6♉ 5	4°20	17°39	20°57	18°51	12°35	18°25	11°48	17° 7	29°41	0°44	2°15	n.a.	F 30
S 31	2 25 36	5♏18'59	18♉ 2	5♏55	18♍37	21♒26	18♈43	12♏42	18♉26	11♎50	17♌ 8	29♏43	0♐40	2♒22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	2s 2	21s38	1n20	6n38	2n 5	10n19	3s 5	21s23	3s21	7n30	1s32	12s57	1n54	23s 2	0s34	2s34	1n52	28n49	13n29	20s36	20s50	16s22			n.a.
F 2	2 26	21 20	2 21	6 3	2 5	10 19	2 54	21 14	3 17	7 28	1 32	12 59	1 54	23 2	0 34	2 35	1 52	28 49	13 29	20 36	20 50	16 20			n.a.
S 3	2 50	20 4	3 14	5 26	2 4	10 19	2 43	21 5	3 13	7 25	1 32	13 2	1 54	23 2	0 34	2 36	1 52	28 49	13 29	20 36	20 49	16 18			n.a.
S 4	3 14	17 56	3 59	4 48	2 2	10 17	2 32	20 56	3 9	7 22	1 32	13 4	1 54	23 2	0 34	2 37	1 52	28 49	13 30	20 36	20 48	16 16			n.a.
M 5	3 38	15 2	4 34	4 8	2 0	10 15	2 21	20 47	3 6	7 19	1 32	13 6	1 54	23 2	0 34	2 38	1 52	28 49	13 30	20 35	20 48	16 14			n.a.
T 6	4 2	11 32	4 57	3 28	1 57	10 13	2 11	20 38	3 2	7 16	1 32	13 8	1 54	23 2	0 34	2 39	1 52	28 49	13 31	20 34	20 47	16 13			n.a.
W 7	4 25	7 31	5 7	2 47	1 54	10 9	2 1	20 29	2 58	7 13	1 32	13 10	1 54	23 2	0 34	2 40	1 52	28 49	13 31	20 32	20 46	16 11			n.a.
T 8	4 49	3 9	5 3	2 4	1 50	10 5	1 51	20 19	2 55	7 10	1 32	13 12	1 53	23 2	0 34	2 41	1 52	28 49	13 31	20 30	20 46	16 9			n.a.
F 9	5 13	1n26	4 44	1 22	1 46	10 0	1 41	20 9	2 51	7 7	1 32	13 14	1 53	23 1	0 34	2 42	1 52	28 49	13 32	20 28	20 45	16 7			n.a.
S 10	5 37	6 3	4 12	0 39	1 41	9 55	1 31	20 0	2 48	7 4	1 31	13 17	1 53	23 1	0 34	2 42	1 52	28 49	13 32	20 27	20 44	16 5			n.a.
S 11	6 0	10 28	3 26	0s 5	1 36	9 48	1 22	19 50	2 44	7 1	1 31	13 19	1 53	23 1	0 34	2 43	1 52	28 49	13 33	20 25	20 44	16 3			n.a.
M12	6 24	14 29	2 28	0 49	1 31	9 41	1 12	19 40	2 41	6 58	1 31	13 21	1 53	23 1	0 34	2 44	1 52	28 49	13 33	20 24	20 43	16 1			n.a.
T 13	6 47	17 49	1 20	1 33	1 26	9 34	1 3	19 30	2 37	6 55	1 31	13 23	1 53	23 1	0 34	2 45	1 52	28 49	13 33	20 23	20 42	16 0			n.a.
W14	7 11	20 12	0 8	2 17	1 20	9 25	0 55	19 20	2 34	6 52	1 31	13 25	1 53	23 1	0 34	2 46	1 52	28 49	13 34	20 23	20 42	15 58			n.a.
T 15	7 34	21 26	1s 6	3 1	1 14	9 16	0 46	19 9	2 31	6 49	1 31	13 28	1 53	23 1	0 34	2 47	1 52	28 49	13 34	20 23	20 41	15 56			n.a.
F 16	7 57	21 21	2 17	3 45	1 8	9 7	0 38	18 59	2 28	6 46	1 31	13 30	1 53	23 1	0 34	2 48	1 52	28 49	13 35	20 23	20 41	15 54			n.a.
S 17	8 20	19 57	3 21	4 28	1 2	8 56	0 29	18 48	2 24	6 43	1 31	13 32	1 52	23 1	0 34	2 49	1 52	28 49	13 35	20 24	20 40	15 52			n.a.
S 18	8 43	17 19	4 13	5 12	0 55	8 46	0 21	18 38	2 21	6 40	1 31	13 34	1 52	23 0	0 34	2 49	1 52	28 49	13 36	20 24	20 39	15 50			n.a.
M19	9 6	13 39	4 50	5 56	0 49	8 34	0 14	18 27	2 18	6 37	1 31	13 36	1 52	23 0	0 34	2 50	1 52	28 49	13 36	20 24	20 39	15 48			n.a.
T 20	9 28	9 12	5 9	6 39	0 43	8 22	0 6	18 16	2 15	6 34	1 31	13 39	1 52	23 0	0 34	2 51	1 52	28 49	13 37	20 23	20 38	15 47			n.a.
W21	9 51	4 14	5 9	7 22	0 36	8 9	0n 2	18 5	2 12	6 31	1 31	13 41	1 52	23 0	0 34	2 52	1 52	28 49	13 37	20 22	20 37	15 45			n.a.
T 22	10 13	0s56	4 50	8 4	0 29	7 56	0 9	17 54	2 9	6 28	1 30	13 43	1 52	23 0	0 34	2 53	1 52	28 49	13 37	20 21	20 37	15 43			n.a.
F 23	10 35	6 1	4 14	8 46	0 23	7 42	0 16	17 42	2 6	6 25	1 30	13 45	1 52	23 0	0 34	2 54	1 52	28 49	13 38	20 20	20 36	15 41			n.a.
S 24	10 57	10 43	3 23	9 28	0 16	7 28	0 23	17 31	2 3	6 22	1 30	13 47	1 52	22 59	0 34	2 54	1 52	28 49	13 38	20 19	20 35	15 39			n.a.
S 25	11 19	14 46	2 22	10 9	0 10	7 13	0 29	17 20	2 0	6 19	1 30	13 50	1 52	22 59	0 34	2 55	1 53	28 49	13 39	20 18	20 35	15 37			n.a.
M26	11 41	17 59	1 14	10 50	0 3	6 57	0 36	17 8	1 57	6 16	1 30	13 52	1 52	22 59	0 34	2 56	1 53	28 50	13 39	20 17	20 34	15 35			n.a.
T 27	12 2	20 12	0 4	11 30	0s 4	6 41	0 42	16 56	1 55	6 14	1 30	13 54	1 52	22 59	0 34	2 57	1 53	28 50	13 40	20 17	20 33	15 33			n.a.
W28	12 23	21 20	1n 5	12 10	0 10	6 25	0 48	16 45	1 52	6 11	1 30	13 56	1 51	22 59	0 34	2 58	1 53	28 50	13 40	20 17	20 33	15 31			n.a.
T 29	12 45	21 24	2 10	12 49	0 17	6 8	0 54	16 33	1 49	6 8	1 29	13 58	1 51	22 58	0 34	2 59	1 53	28 50	13 41	20 18	20 32	15 30			n.a.
F 30	13 5	20 26	3 7	13 28	0 23	5 51	1 0	16 21	1 46	6 5	1 29	14 1	1 51	22 58	0 34	2 59	1 53	28 50	13 41	20 18	20 31	15 28			n.a.
S 31	13s26	18s34	3n56	14s 6	0s30	5n33	1n 5	16s 9	1s44	6n 2	1s29	14s 3	1n51	22s58	0s34	3s 0	1n53	28n50	13n42	20s18	20s31	15s26			n.a.

Julian Day Number = 1715121.5, Delta T = 02h58m46s
Ecliptic obliquity = 23°41'46, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°18'01, Lahiri = - 4°11'00 Julian Calendar 1 Oct. 18 BCE == Greg. Calendar 29 Sept. 018 BCE

The year -17 astronomical counting style corresponds to year 018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 18 BCE
geocentric

NOVEMBER 18 BCE (-17) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 29 32	6♏19'55	29♉55	7♏29	19♍36	21♒56	18°R36	12♏49	18♉28	11♎52	17♌ 9	29♏44	0♐37	2♒28	n.a.	S 1
M 2	2 33 29	7°20'51	11♒46	9° 3	20°35	22°26	18♈28	12°56	18°30	11°55	17°10	29°R44	0°34	2°35	n.a.	M 2
T 3	2 37 26	8°21'49	23°42	10°38	21°35	22°56	18°21	13° 3	18°31	11°57	17°10	29°43	0°31	2°42	n.a.	T 3
W 4	2 41 22	9°22'47	5♓48	12°12	22°35	23°26	18°14	13°10	18°33	11°59	17°11	29°41	0°28	2°48	n.a.	W 4
T 5	2 45 19	10°23'46	18° 7	13°46	23°35	23°57	18° 7	13°17	18°35	12° 1	17°11	29°38	0°25	2°55	n.a.	T 5
F 6	2 49 15	11°24'46	0♈42	15°20	24°36	24°28	18° 0	13°24	18°36	12° 3	17°12	29°36	0°21	3° 2	n.a.	F 6
S 7	2 53 12	12°25'47	13°36	16°54	25°37	24°59	17°53	13°31	18°38	12° 5	17°12	29°33	0°18	3° 9	n.a.	S 7
S 8	2 57 8	13°26'48	26°50	18°28	26°39	25°30	17°47	13°38	18°40	12° 7	17°13	29°30	0°15	3°15	n.a.	S 8
M 9	3 1 5	14°27'51	10♉22	20° 2	27°41	26° 2	17°40	13°45	18°42	12° 9	17°13	29°29	0°12	3°22	n.a.	M 9
T 10	3 5 1	15°28'54	24°12	21°36	28°44	26°33	17°34	13°52	18°44	12°11	17°14	29°D28	0° 9	3°29	n.a.	T 10
W11	3 8 58	16°29'59	8♊15	23°10	29°47	27° 5	17°27	13°59	18°46	12°13	17°14	29°28	0° 5	3°35	n.a.	W11
T 12	3 12 55	17°31'04	22°28	24°44	0♎50	27°37	17°21	14° 6	18°48	12°15	17°14	29°29	0° 2	3°42	n.a.	T 12
F 13	3 16 51	18°32'11	6♋46	26°19	1°53	28° 9	17°15	14°13	18°50	12°16	17°15	29°30	29♏59	3°49	n.a.	F 13
S 14	3 20 48	19°33'18	21° 6	27°53	2°57	28°42	17°10	14°20	18°52	12°18	17°15	29°31	29°56	3°56	n.a.	S 14
S 15	3 24 44	20°34'27	5♌23	29°27	4° 2	29°14	17° 4	14°27	18°54	12°20	17°15	29°32	29°53	4° 2	n.a.	S 15
M16	3 28 41	21°35'36	19°36	1♐ 1	5° 6	29°47	16°59	14°34	18°57	12°22	17°16	29°R32	29°50	4° 9	n.a.	M16
T 17	3 32 37	22°36'46	3♍42	2°36	6°11	0♓20	16°53	14°41	18°59	12°24	17°16	29°32	29°46	4°16	n.a.	T 17
W18	3 36 34	23°37'57	17°38	4°10	7°16	0°53	16°48	14°48	19° 1	12°26	17°16	29°31	29°43	4°22	n.a.	W18
T 19	3 40 30	24°39'09	1♎25	5°44	8°22	1°26	16°43	14°55	19° 4	12°28	17°16	29°31	29°40	4°29	n.a.	T 19
F 20	3 44 27	25°40'22	15° 0	7°18	9°28	2° 0	16°38	15° 2	19° 6	12°29	17°16	29°30	29°37	4°36	n.a.	F 20
S 21	3 48 24	26°41'36	28°22	8°53	10°34	2°33	16°34	15° 9	19° 8	12°31	17°16	29°30	29°34	4°43	n.a.	S 21
S 22	3 52 20	27°42'50	11♏32	10°27	11°40	3° 7	16°29	15°16	19°11	12°33	17°R16	29°30	29°31	4°49	n.a.	S 22
M23	3 56 17	28°44'04	24°27	12° 0	12°47	3°41	16°25	15°23	19°13	12°34	17°16	29°D29	29°27	4°56	n.a.	M23
T 24	4 0 13	29°45'20	7♐ 9	13°34	13°53	4°15	16°21	15°30	19°16	12°36	17°16	29°R29	29°24	5° 3	n.a.	T 24
W25	4 4 10	0♐46'35	19°37	15° 7	15° 0	4°49	16°17	15°37	19°18	12°38	17°16	29°29	29°21	5° 9	n.a.	W25
T 26	4 8 6	1°47'51	1♉53	16°40	16° 8	5°23	16°13	15°44	19°21	12°39	17°16	29°29	29°18	5°16	n.a.	T 26
F 27	4 12 3	2°49'06	13°57	18°12	17°15	5°57	16°10	15°51	19°24	12°41	17°16	29°29	29°15	5°23	n.a.	F 27
S 28	4 16 0	3°50'22	25°54	19°43	18°23	6°32	16° 7	15°58	19°26	12°43	17°16	29°28	29°11	5°30	n.a.	S 28
S 29	4 19 56	4°51'38	7♒46	21°14	19°30	7° 6	16° 3	16° 4	19°29	12°44	17°15	29°28	29° 8	5°36	n.a.	S 29
M30	4 23 53	5♐52'54	19♒37	22♐43	20♎38	7♓41	16♈ 1	16♏11	19♉32	12♎46	17♌15	29♏27	29♏ 5	5♒43	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s46	15s56	4n34	14s43	0s36	5n15	1n11	15s56	1s41	6n 0	1s29	14s 5	1n51	22s58	0s34	3s 1	1n53	28n51	13n42	20s19	20s30	15s24		n.a.
M 2	14 7	12 38	5 0	15 20	0 42	4 56	1 16	15 44	1 39	5 57	1 29	14 7	1 51	22 57	0 34	3 2	1 53	28 51	13 43	20 19	20 29	15 22		n.a.
T 3	14 27	8 50	5 13	15 56	0 48	4 37	1 21	15 32	1 36	5 55	1 28	14 9	1 51	22 57	0 34	3 3	1 53	28 51	13 43	20 18	20 29	15 20		n.a.
W 4	14 46	4 38	5 13	16 31	0 54	4 17	1 26	15 19	1 34	5 52	1 28	14 12	1 51	22 57	0 34	3 3	1 53	28 51	13 44	20 18	20 28	15 18		n.a.
T 5	15 6	0 10	4 59	17 6	1 0	3 57	1 31	15 7	1 31	5 50	1 28	14 14	1 51	22 57	0 34	3 4	1 53	28 52	13 44	20 17	20 27	15 16		n.a.
F 6	15 25	4n24	4 30	17 39	1 6	3 37	1 35	14 54	1 29	5 47	1 28	14 16	1 51	22 56	0 33	3 5	1 53	28 52	13 45	20 17	20 27	15 14		n.a.
S 7	15 44	8 54	3 47	18 12	1 12	3 16	1 39	14 41	1 26	5 45	1 28	14 18	1 51	22 56	0 33	3 6	1 53	28 52	13 45	20 16	20 26	15 12		n.a.
S 8	16 3	13 6	2 51	18 44	1 17	2 55	1 43	14 28	1 24	5 42	1 27	14 20	1 51	22 56	0 33	3 6	1 53	28 53	13 46	20 16	20 25	15 10		n.a.
M 9	16 21	16 44	1 44	19 16	1 22	2 34	1 47	14 15	1 22	5 40	1 27	14 22	1 51	22 56	0 33	3 7	1 53	28 53	13 46	20 15	20 25	15 9		n.a.
T 10	16 39	19 30	0 29	19 46	1 27	2 12	1 51	14 2	1 19	5 38	1 27	14 25	1 51	22 55	0 33	3 8	1 53	28 53	13 47	20 15	20 24	15 7		n.a.
W11	16 57	21 7	0s48	20 15	1 32	1 51	1 55	13 49	1 17	5 36	1 27	14 27	1 51	22 55	0 33	3 9	1 53	28 54	13 47	20 15	20 23	15 5		n.a.
T 12	17 14	21 25	2 4	20 44	1 37	1 28	1 58	13 36	1 15	5 34	1 26	14 29	1 51	22 55	0 33	3 9	1 53	28 54	13 47	20 15	20 23	15 3		n.a.
F 13	17 32	20 19	3 12	21 11	1 42	1 6	2 1	13 22	1 13	5 31	1 26	14 31	1 51	22 54	0 33	3 10	1 53	28 54	13 48	20 16	20 22	15 1		n.a.
S 14	17 49	17 56	4 9	21 37	1 46	0 43	2 5	13 9	1 10	5 29	1 26	14 33	1 51	22 54	0 33	3 11	1 53	28 55	13 48	20 16	20 21	14 59		n.a.
S 15	18 5	14 27	4 50	22 2	1 50	0 20	2 8	12 56	1 8	5 28	1 26	14 35	1 51	22 54	0 33	3 12	1 53	28 55	13 49	20 16	20 20	14 57		n.a.
M16	18 21	10 9	5 12	22 26	1 54	0s 3	2 10	12 42	1 6	5 26	1 25	14 37	1 51	22 53	0 33	3 12	1 53	28 55	13 49	20 16	20 20	14 55		n.a.
T 17	18 37	5 21	5 16	22 49	1 57	0 27	2 13	12 28	1 4	5 24	1 25	14 39	1 51	22 53	0 33	3 13	1 53	28 56	13 50	20 16	20 19	14 53		n.a.
W18	18 53	0 19	5 1	23 11	2 0	0 51	2 16	12 15	1 2	5 22	1 25	14 42	1 51	22 53	0 33	3 14	1 53	28 56	13 50	20 16	20 18	14 51		n.a.
T 19	19 8	4s41	4 29	23 31	2 3	1 15	2 18	12 1	1 0	5 20	1 24	14 44	1 50	22 52	0 33	3 14	1 53	28 57	13 51	20 16	20 18	14 49		n.a.
F 20	19 23	9 23	3 43	23 50	2 6	1 39	2 20	11 47	0 58	5 19	1 24	14 46	1 50	22 52	0 33	3 15	1 53	28 57	13 51	20 16	20 17	14 47		n.a.
S 21	19 38	13 34	2 44	24 7	2 8	2 3	2 22	11 33	0 56	5 17	1 24	14 48	1 50	22 52	0 33	3 16	1 53	28 58	13 52	20 16	20 16	14 45		n.a.
S 22	19 52	17 0	1 38	24 23	2 10	2 27	2 24	11 19	0 54	5 16	1 24	14 50	1 50	22 51	0 33	3 16	1 53	28 58	13 52	20 15	20 16	14 43		n.a.
M23	20 5	19 32	0 28	24 38	2 11	2 52	2 26	11 5	0 52	5 15	1 23	14 52	1 50	22 51	0 33	3 17	1 54	28 59	13 53	20 15	20 15	14 41		n.a.
T 24	20 19	21 2	0n42	24 51	2 12	3 17	2 27	10 50	0 50	5 13	1 23	14 54	1 50	22 51	0 33	3 17	1 54	28 59	13 53	20 15	20 14	14 40		n.a.
W25	20 32	21 28	1 49	25 3	2 12	3 41	2 29	10 36	0 49	5 12	1 23	14 56	1 50	22 50	0 33	3 18	1 54	29 0	13 54	20 15	20 14	14 38		n.a.
T 26	20 45	20 51	2 50	25 13	2 12	4 6	2 30	10 22	0 47	5 11	1 22	14 58	1 50	22 50	0 33	3 19	1 54	29 0	13 54	20 15	20 13	14 36		n.a.
F 27	20 57	19 16	3 43	25 21	2 12	4 31	2 31	10 7	0 45	5 10	1 22	15 0	1 50	22 49	0 33	3 19	1 54	29 1	13 55	20 15	20 12	14 34		n.a.
S 28	21 9	16 52	4 25	25 28	2 10	4 56	2 32	9 53	0 43	5 9	1 22	15 2	1 50	22 49	0 33	3 20	1 54	29 1	13 55	20 15	20 12	14 32		n.a.
S 29	21 20	13 46	4 55	25 32	2 9	5 21	2 33	9 38	0 41	5 8	1 21	15 4	1 50	22 49	0 33	3 20	1 54	29 2	13 56	20 15	20 11	14 30		n.a.
M30	21s31	10s 9	5n12	25s36	2s 6	5s46	2n34	9s23	0s40	5n 7	1s21	15s 6	1n50	22s48	0s33	3s21	1n54	29n 2	13n56	20s15	20s10	14s28		n.a.

Julian Day Number = 1715152.5, Delta T = 02h58m45s
Ecliptic obliquity = 23°41'45, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°17'57, Lahiri = - 4°10'56 Julian Calendar 1 Nov. 18 BCE == Greg. Calendar 30 Oct. 018 BCE

The year -17 astronomical counting style corresponds to year 018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 18 BCE
geocentric

DECEMBER 18 BCE (-17) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 27 49	6♐54'09	1♓32	24♐11	21♎47	8♓16	15°R58	16♏18	19♑34	12♎47	17°R15	29°D27	29♏ 2	5♒50	n.a.	T 1
W 2	4 31 46	7°55'24	13°35	25°37	22°55	8°51	15♈55	16°25	19°37	12°49	17♌14	29♏27	28°59	5°56	n.a.	W 2
T 3	4 35 42	8°56'39	25°51	27° 2	24° 4	9°26	15°53	16°31	19°40	12°50	17°14	29°27	28°56	6° 3	n.a.	T 3
F 4	4 39 39	9°57'54	8♈24	28°24	25°12	10° 1	15°51	16°38	19°43	12°52	17°14	29°28	28°52	6°10	n.a.	F 4
S 5	4 43 35	10°59'08	21°18	29°43	26°21	10°36	15°49	16°45	19°46	12°53	17°13	29°29	28°49	6°17	n.a.	S 5
S 6	4 47 32	12° 0'22	4♉35	0♑58	27°30	11°11	15°48	16°51	19°49	12°54	17°13	29°30	28°46	6°23	n.a.	S 6
M 7	4 51 29	13° 1'36	18°18	2°10	28°40	11°47	15°46	16°58	19°52	12°56	17°12	29°31	28°43	6°30	n.a.	M 7
T 8	4 55 25	14° 2'49	2♊24	3°17	29°49	12°22	15°45	17° 4	19°55	12°57	17°12	29°R31	28°40	6°37	n.a.	T 8
W 9	4 59 22	15° 4'03	16°50	4°19	0♏58	12°58	15°44	17°11	19°58	12°58	17°11	29°31	28°37	6°43	n.a.	W 9
T 10	5 3 18	16° 5'16	1♋31	5°15	2° 8	13°33	15°43	17°18	20° 1	13° 0	17°11	29°29	28°33	6°50	n.a.	T 10
F 11	5 7 15	17° 6'29	16°20	6° 3	3°18	14° 9	15°42	17°24	20° 4	13° 1	17°10	29°27	28°30	6°57	n.a.	F 11
S 12	5 11 11	18° 7'41	1♌ 9	6°44	4°28	14°45	15°42	17°30	20° 7	13° 2	17°10	29°25	28°27	7° 4	n.a.	S 12
S 13	5 15 8	19° 8'54	15°50	7°16	5°38	15°21	15°42	17°37	20°10	13° 3	17° 9	29°22	28°24	7°10	n.a.	S 13
M14	5 19 4	20°10'06	0♍18	7°39	6°48	15°57	15°D42	17°43	20°13	13° 4	17° 8	29°20	28°21	7°17	n.a.	M14
T 15	5 23 1	21°11'18	14°28	7°51	7°58	16°33	15°42	17°49	20°16	13° 5	17° 8	29°19	28°17	7°24	n.a.	T 15
W16	5 26 58	22°12'30	28°21	7°R52	9° 9	17° 9	15°42	17°56	20°19	13° 7	17° 7	29°D19	28°14	7°30	n.a.	W16
T 17	5 30 54	23°13'41	11♎54	7°41	10°19	17°45	15°43	18° 2	20°22	13° 8	17° 6	29°20	28°11	7°37	n.a.	T 17
F 18	5 34 51	24°14'53	25°10	7°18	11°30	18°21	15°44	18° 8	20°26	13° 9	17° 5	29°22	28° 8	7°44	n.a.	F 18
S 19	5 38 47	25°16'04	8♏10	6°44	12°41	18°57	15°45	18°14	20°29	13°10	17° 5	29°23	28° 5	7°51	n.a.	S 19
S 20	5 42 44	26°17'14	20°57	5°59	13°52	19°34	15°46	18°20	20°32	13°11	17° 4	29°24	28° 2	7°57	n.a.	S 20
M21	5 46 40	27°18'24	3♐31	5° 4	15° 3	20°10	15°47	18°26	20°35	13°11	17° 3	29°R25	27°58	8° 4	n.a.	M21
T 22	5 50 37	28°19'34	15°54	4° 1	16°14	20°47	15°49	18°32	20°39	13°12	17° 2	29°23	27°55	8°11	n.a.	T 22
W23	5 54 33	29°20'43	28° 8	2°50	17°25	21°23	15°51	18°38	20°42	13°13	17° 1	29°21	27°52	8°17	n.a.	W23
T 24	5 58 30	0♑21'51	10♑15	1°36	18°36	22° 0	15°53	18°44	20°45	13°14	17° 0	29°16	27°49	8°24	n.a.	T 24
F 25	6 2 27	1°22'58	22°14	0°19	19°47	22°37	15°55	18°50	20°49	13°15	16°59	29°11	27°46	8°31	n.a.	F 25
S 26	6 6 23	2°24'04	4♒ 9	29♐ 2	20°59	23°13	15°58	18°56	20°52	13°16	16°58	29° 4	27°43	8°38	n.a.	S 26
S 27	6 10 20	3°25'09	16° 0	27°48	22°10	23°50	16° 0	19° 1	20°55	13°16	16°57	28°58	27°39	8°44	n.a.	S 27
M28	6 14 16	4°26'13	27°51	26°38	23°21	24°27	16° 3	19° 7	20°59	13°17	16°56	28°52	27°36	8°51	n.a.	M28
T 29	6 18 13	5°27'16	9♓45	25°34	24°33	25° 4	16° 6	19°13	21° 2	13°18	16°55	28°47	27°33	8°58	n.a.	T 29
W30	6 22 9	6°28'17	21°45	24°38	25°45	25°41	16° 9	19°18	21° 5	13°18	16°54	28°44	27°30	9° 4	n.a.	W30
T 31	6 26 6	7♑29'17	3♈56	23♐49	26♏56	26♓18	16♈13	19♏24	21♑ 9	13♎19	16♌53	28°D43	27♏27	9♒11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	21s42	6s 7	5n17	25s37	2s 3	6s11	2n35	9s 9	0s38	5n 6	1s21	15s 8	1n50	22s48	0s33	3s21	1n54	29n 3	13n57	20s15	20s 9	14s26		n.a.	T 1
W 2	21 52	1 48	5 8	25 36	1 59	6 36	2 35	8 54	0 36	5 6	1 20	15 10	1 51	22 47	0 33	3 22	1 54	29 3	13 57	20 15	20 9	14 24		n.a.	W 2
T 3	22 2	2n40	4 44	25 34	1 54	7 1	2 35	8 39	0 35	5 5	1 20	15 11	1 51	22 47	0 33	3 22	1 54	29 4	13 58	20 15	20 8	14 22		n.a.	T 3
F 4	22 11	7 8	4 7	25 30	1 49	7 27	2 36	8 24	0 33	5 5	1 20	15 13	1 51	22 46	0 33	3 23	1 54	29 4	13 58	20 15	20 7	14 20		n.a.	F 4
S 5	22 20	11 25	3 16	25 24	1 42	7 52	2 36	8 9	0 31	5 4	1 19	15 15	1 51	22 46	0 33	3 23	1 54	29 5	13 59	20 15	20 7	14 18		n.a.	S 5
S 6	22 28	15 17	2 14	25 16	1 35	8 17	2 36	7 54	0 30	5 4	1 19	15 17	1 51	22 46	0 33	3 24	1 54	29 5	13 59	20 16	20 6	14 16		n.a.	S 6
M 7	22 36	18 27	1 2	25 7	1 26	8 41	2 36	7 39	0 28	5 4	1 19	15 19	1 51	22 45	0 33	3 24	1 54	29 6	14 0	20 16	20 5	14 14		n.a.	M 7
T 8	22 44	20 36	0s16	24 56	1 17	9 6	2 35	7 24	0 27	5 3	1 18	15 21	1 51	22 45	0 33	3 25	1 54	29 7	14 0	20 16	20 4	14 12		n.a.	T 8
W 9	22 51	21 28	1 34	24 44	1 6	9 31	2 35	7 9	0 25	5 3	1 18	15 23	1 51	22 44	0 33	3 25	1 54	29 7	14 1	20 16	20 4	14 10		n.a.	W 9
T 10	22 58	20 53	2 48	24 30	0 54	9 56	2 35	6 54	0 24	5 3	1 18	15 24	1 51	22 44	0 33	3 26	1 54	29 8	14 1	20 15	20 3	14 8		n.a.	T 10
F 11	23 4	18 52	3 51	24 15	0 42	10 20	2 34	6 39	0 22	5 3	1 18	15 26	1 51	22 43	0 33	3 26	1 54	29 8	14 1	20 15	20 2	14 6		n.a.	F 11
S 12	23 10	15 36	4 38	23 59	0 27	10 45	2 33	6 23	0 21	5 3	1 17	15 28	1 51	22 43	0 33	3 27	1 55	29 9	14 2	20 14	20 2	14 4		n.a.	S 12
S 13	23 15	11 23	5 7	23 42	0 12	11 9	2 32	6 8	0 19	5 4	1 17	15 30	1 51	22 42	0 33	3 27	1 55	29 10	14 2	20 14	20 1	14 2		n.a.	S 13
M14	23 20	6 34	5 15	23 24	0n 4	11 33	2 31	5 53	0 18	5 4	1 17	15 31	1 51	22 42	0 33	3 27	1 55	29 10	14 3	20 13	20 0	14 0		n.a.	M14
T 15	23 24	1 30	5 4	23 6	0 21	11 57	2 30	5 37	0 17	5 4	1 16	15 33	1 51	22 41	0 33	3 28	1 55	29 11	14 3	20 13	20 0	13 58		n.a.	T 15
W16	23 28	3s33	4 36	22 48	0 39	12 20	2 29	5 22	0 15	5 5	1 16	15 35	1 51	22 41	0 33	3 28	1 55	29 12	14 4	20 13	19 59	13 56		n.a.	W16
T 17	23 31	8 19	3 52	22 30	0 58	12 44	2 28	5 6	0 14	5 5	1 16	15 37	1 51	22 40	0 33	3 29	1 55	29 12	14 4	20 13	19 58	13 54		n.a.	T 17
F 18	23 34	12 35	2 57	22 12	1 17	13 7	2 27	4 51	0 12	5 6	1 15	15 38	1 51	22 40	0 33	3 29	1 55	29 13	14 5	20 14	19 57	13 52		n.a.	F 18
S 19	23 37	16 11	1 54	21 55	1 37	13 30	2 25	4 35	0 11	5 7	1 15	15 40	1 51	22 39	0 33	3 29	1 55	29 14	14 5	20 14	19 57	13 50		n.a.	S 19
S 20	23 39	18 56	0 46	21 38	1 56	13 53	2 24	4 19	0 10	5 7	1 15	15 41	1 51	22 39	0 33	3 30	1 55	29 14	14 5	20 14	19 56	13 48		n.a.	S 20
M21	23 40	20 43	0n22	21 22	2 14	14 15	2 22	4 4	0 9	5 8	1 14	15 43	1 51	22 38	0 33	3 30	1 55	29 15	14 6	20 14	19 55	13 46		n.a.	M21
T 22	23 41	21 28	1 29	21 7	2 31	14 37	2 21	3 48	0 7	5 9	1 14	15 45	1 51	22 38	0 33	3 30	1 55	29 16	14 6	20 14	19 54	13 44		n.a.	T 22
W23	23 42	21 10	2 31	20 53	2 47	14 59	2 19	3 33	0 6	5 10	1 14	15 46	1 51	22 37	0 33	3 30	1 55	29 16	14 7	20 14	19 54	13 42		n.a.	W23
T 24	23 42	19 53	3 25	20 41	3 0	15 21	2 17	3 17	0 5	5 11	1 13	15 48	1 51	22 37	0 33	3 31	1 55	29 17	14 7	20 13	19 53	13 40		n.a.	T 24
F 25	23 41	17 44	4 9	20 30	3 12	15 42	2 15	3 1	0 4	5 13	1 13	15 49	1 52	22 36	0 33	3 31	1 55	29 18	14 7	20 11	19 52	13 38		n.a.	F 25
S 26	23 40	14 51	4 42	20 20	3 21	16 3	2 13	2 45	0 2	5 14	1 13	15 51	1 52	22 36	0 33	3 31	1 55	29 18	14 8	20 10	19 52	13 36		n.a.	S 26
S 27	23 39	11 23	5 3	20 13	3 28	16 24	2 11	2 30	0 1	5 15	1 12	15 52	1 52	22 35	0 33	3 31	1 56	29 19	14 8	20 8	19 51	13 34		n.a.	S 27
M28	23 37	7 29	5 11	20 7	3 32	16 44	2 9	2 14	0 0	5 17	1 12	15 54	1 52	22 35	0 33	3 32	1 56	29 20	14 9	20 7	19 50	13 32		n.a.	M28
T 29	23 35	3 17	5 5	20 3	3 34	17 4	2 7	1 58	0n 1	5 18	1 12	15 55	1 52	22 34	0 33	3 32	1 56	29 20	14 9	20 6	19 49	13 30		n.a.	T 29
W30	23 32	1n 4	4 46	20 2	3 34	17 23	2 4	1 42	0 2	5 20	1 11	15 57	1 52	22 34	0 33	3 32	1 56	29 21	14 9	20 5	19 49	13 28		n.a.	W30
T 31	23s29	5n28	4n14	20s 2	3n31	17s42	2n 2	1s26	0n 3	5n21	1s11	15s58	1n52	22s33	0s33	3s32	1n56	29n22	14n10	20s 5	19s48	13s26		n.a.	T 31

Julian Day Number = 1715182.5, Delta T = 02h58m44s
Ecliptic obliquity = 23°41'44, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°17'53, Lahiri = - 4°10'52 Julian Calendar 1 Dec. 18 BCE == Greg. Calendar 29 Nov. 018 BCE

The year -17 astronomical counting style corresponds to year 018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 17 BCE
geocentric

JANUARY 17 BCE (-16) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 30 3	8♑30'16	16♈23	23°R 9	28♏ 8	26♓55	16♈16	19♏29	21♑12	13♎19	16°R52	28♏43	27♏23	9♒18	n.a.	F 1
S 2	6 33 59	9°31'13	29°11	22♐38	29°20	27°32	16°20	19°34	21°16	13°20	16♌51	28°44	27°20	9°25	n.a.	S 2
S 3	6 37 56	10°32'09	12♉23	22°16	0♐32	28° 9	16°24	19°40	21°19	13°20	16°49	28°46	27°17	9°31	n.a.	S 3
M 4	6 41 52	11°33'04	26° 2	22° 2	1°44	28°46	16°28	19°45	21°23	13°21	16°48	28°R47	27°14	9°38	n.a.	M 4
T 5	6 45 49	12°33'57	10♊10	21°D56	2°56	29°23	16°33	19°50	21°26	13°21	16°47	28°46	27°11	9°45	n.a.	T 5
W 6	6 49 45	13°34'49	24°44	21°58	4° 8	0♈ 0	16°37	19°55	21°30	13°22	16°46	28°44	27° 8	9°51	n.a.	W 6
T 7	6 53 42	14°35'39	9♋40	22° 7	5°20	0°37	16°42	20° 0	21°33	13°22	16°44	28°39	27° 4	9°58	n.a.	T 7
F 8	6 57 38	15°36'28	24°50	22°23	6°32	1°15	16°47	20° 5	21°36	13°22	16°43	28°32	27° 1	10° 5	n.a.	F 8
S 9	7 1 35	16°37'16	10♌ 4	22°45	7°44	1°52	16°52	20°10	21°40	13°23	16°42	28°25	26°58	10°12	n.a.	S 9
S 10	7 5 32	17°38'02	25°10	23°13	8°57	2°29	16°57	20°15	21°43	13°23	16°41	28°17	26°55	10°18	n.a.	S 10
M11	7 9 28	18°38'47	10♍ 0	23°46	10° 9	3° 7	17° 3	20°20	21°47	13°23	16°39	28°11	26°52	10°25	n.a.	M11
T 12	7 13 25	19°39'31	24°27	24°24	11°21	3°44	17° 8	20°24	21°50	13°23	16°38	28° 6	26°49	10°32	n.a.	T 12
W13	7 17 21	20°40'14	8♎28	25° 6	12°34	4°21	17°14	20°29	21°54	13°24	16°36	28° 3	26°45	10°38	n.a.	W13
T 14	7 21 18	21°40'55	22° 2	25°53	13°46	4°59	17°20	20°34	21°57	13°24	16°35	28°D 2	26°42	10°45	n.a.	T 14
F 15	7 25 14	22°41'36	5♏13	26°43	14°59	5°36	17°26	20°38	22° 1	13°24	16°34	28° 3	26°39	10°52	n.a.	F 15
S 16	7 29 11	23°42'15	18° 2	27°36	16°11	6°14	17°33	20°42	22° 4	13°24	16°32	28° 4	26°36	10°59	n.a.	S 16
S 17	7 33 7	24°42'53	0♐35	28°33	17°24	6°51	17°39	20°47	22° 8	13°R24	16°31	28°R 4	26°33	11° 5	n.a.	S 17
M18	7 37 4	25°43'29	12°54	29°32	18°36	7°29	17°46	20°51	22°11	13°24	16°29	28° 3	26°29	11°12	n.a.	M18
T 19	7 41 1	26°44'04	25° 3	0♑34	19°49	8° 6	17°52	20°55	22°15	13°24	16°28	27°59	26°26	11°19	n.a.	T 19
W20	7 44 57	27°44'38	7♑ 6	1°39	21° 2	8°44	17°59	20°59	22°18	13°24	16°26	27°53	26°23	11°25	n.a.	W20
T 21	7 48 54	28°45'10	19° 3	2°45	22°14	9°21	18° 7	21° 3	22°22	13°23	16°25	27°44	26°20	11°32	n.a.	T 21
F 22	7 52 50	29°45'40	0♒57	3°54	23°27	9°59	18°14	21° 7	22°25	13°23	16°24	27°33	26°17	11°39	n.a.	F 22
S 23	7 56 47	0♒46'09	12°49	5° 5	24°40	10°37	18°21	21°11	22°29	13°23	16°22	27°20	26°14	11°46	n.a.	S 23
S 24	8 0 43	1°46'35	24°41	6°18	25°52	11°14	18°29	21°15	22°32	13°23	16°21	27° 7	26°10	11°52	n.a.	S 24
M25	8 4 40	2°47'00	6♓34	7°32	27° 5	11°52	18°36	21°19	22°36	13°23	16°19	26°55	26° 7	11°59	n.a.	M25
T 26	8 8 36	3°47'23	18°30	8°48	28°18	12°30	18°44	21°22	22°39	13°22	16°17	26°45	26° 4	12° 6	n.a.	T 26
W27	8 12 33	4°47'44	0♈31	10° 6	29°31	13° 7	18°52	21°26	22°43	13°22	16°16	26°37	26° 1	12°13	n.a.	W27
T 28	8 16 30	5°48'02	12°42	11°25	0♑44	13°45	19° 0	21°29	22°46	13°22	16°14	26°32	25°58	12°19	n.a.	T 28
F 29	8 20 26	6°48'19	25° 6	12°46	1°57	14°23	19° 9	21°32	22°49	13°21	16°13	26°29	25°54	12°26	n.a.	F 29
S 30	8 24 23	7°48'34	7♉48	14° 8	3° 9	15° 1	19°17	21°36	22°53	13°21	16°11	26°D29	25°51	12°33	n.a.	S 30
S 31	8 28 19	8♒48'46	20♉51	15♑31	4♑22	15♈38	19♈26	21♏39	22♑56	13♎20	16♌10	26°R29	25♏48	12♒39	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s25	9n44	3n30	20s 4	3n27	18s 1	2n 0	1s10	0n 4	5n23	1s11	16s 0	1n52	22s33	0s33	3s32	1n56	29n23	14n10	20s 5	19s47	13s24		n.a.
S 2	23 21	13 41	2 34	20 8	3 22	18 19	1 57	0 54	0 6	5 25	1 10	16 1	1 52	22 32	0 33	3 32	1 56	29 23	14 10	20 5	19 46	13 22		n.a.
S 3	23 16	17 6	1 28	20 13	3 15	18 37	1 55	0 39	0 7	5 26	1 10	16 2	1 52	22 32	0 33	3 33	1 56	29 24	14 11	20 6	19 46	13 20		n.a.
M 4	23 11	19 43	0 15	20 20	3 7	18 54	1 52	0 23	0 8	5 28	1 10	16 4	1 52	22 31	0 33	3 33	1 56	29 25	14 11	20 6	19 45	13 18		n.a.
T 5	23 6	21 12	1s 1	20 29	2 58	19 11	1 49	0 7	0 9	5 30	1 9	16 5	1 52	22 30	0 33	3 33	1 56	29 25	14 11	20 6	19 44	13 16		n.a.
W 6	23 0	21 20	2 16	20 38	2 49	19 27	1 47	0n 9	0 10	5 32	1 9	16 6	1 53	22 30	0 33	3 33	1 56	29 26	14 12	20 5	19 44	13 14		n.a.
T 7	22 53	19 58	3 23	20 49	2 39	19 43	1 44	0 25	0 11	5 35	1 9	16 7	1 53	22 29	0 33	3 33	1 56	29 27	14 12	20 4	19 43	13 12		n.a.
F 8	22 46	17 11	4 16	21 0	2 29	19 58	1 41	0 41	0 12	5 37	1 8	16 9	1 53	22 29	0 33	3 33	1 56	29 28	14 12	20 3	19 42	13 10		n.a.
S 9	22 39	13 14	4 52	21 12	2 18	20 13	1 38	0 57	0 13	5 39	1 8	16 10	1 53	22 28	0 33	3 33	1 56	29 28	14 13	20 1	19 41	13 8		n.a.
S 10	22 31	8 27	5 7	21 24	2 8	20 27	1 35	1 13	0 14	5 41	1 8	16 11	1 53	22 28	0 33	3 33	1 56	29 29	14 13	19 59	19 41	13 6		n.a.
M11	22 23	3 16	5 1	21 36	1 57	20 41	1 32	1 28	0 15	5 44	1 8	16 12	1 53	22 27	0 33	3 33	1 57	29 30	14 13	19 58	19 40	13 4		n.a.
T 12	22 14	1s59	4 36	21 49	1 46	20 54	1 30	1 44	0 16	5 46	1 7	16 13	1 53	22 27	0 33	3 33	1 57	29 30	14 13	19 57	19 39	13 2		n.a.
W13	22 5	6 58	3 54	22 1	1 35	21 7	1 27	2 0	0 17	5 49	1 7	16 15	1 53	22 26	0 33	3 33	1 57	29 31	14 14	19 56	19 38	13 0		n.a.
T 14	21 56	11 28	3 1	22 14	1 24	21 19	1 24	2 16	0 17	5 51	1 7	16 16	1 53	22 25	0 33	3 33	1 57	29 32	14 14	19 56	19 38	12 58		n.a.
F 15	21 46	15 16	2 0	22 26	1 14	21 30	1 20	2 32	0 18	5 54	1 6	16 17	1 53	22 25	0 33	3 33	1 57	29 32	14 14	19 56	19 37	12 56		n.a.
S 16	21 35	18 15	0 54	22 37	1 3	21 41	1 17	2 48	0 19	5 56	1 6	16 18	1 54	22 24	0 33	3 33	1 57	29 33	14 14	19 56	19 36	12 54		n.a.
S 17	21 25	20 16	0n13	22 49	0 53	21 51	1 14	3 3	0 20	5 59	1 6	16 19	1 54	22 24	0 33	3 33	1 57	29 34	14 15	19 57	19 35	12 52		n.a.
M18	21 14	21 17	1 19	22 59	0 43	22 1	1 11	3 19	0 21	6 2	1 6	16 20	1 54	22 23	0 33	3 33	1 57	29 35	14 15	19 56	19 35	12 50		n.a.
T 19	21 2	21 17	2 19	23 9	0 32	22 10	1 8	3 35	0 22	6 5	1 5	16 21	1 54	22 23	0 33	3 33	1 57	29 35	14 15	19 55	19 34	12 48		n.a.
W20	20 50	20 18	3 13	23 18	0 23	22 19	1 5	3 51	0 23	6 8	1 5	16 22	1 54	22 22	0 33	3 33	1 57	29 36	14 15	19 54	19 33	12 46		n.a.
T 21	20 38	18 25	3 57	23 27	0 13	22 26	1 2	4 6	0 24	6 11	1 5	16 23	1 54	22 22	0 33	3 33	1 57	29 37	14 16	19 52	19 32	12 43		n.a.
F 22	20 25	15 45	4 31	23 34	0 4	22 33	0 58	4 22	0 24	6 14	1 4	16 24	1 54	22 21	0 33	3 33	1 57	29 37	14 16	19 49	19 32	12 41		n.a.
S 23	20 12	12 28	4 53	23 41	0s 5	22 40	0 55	4 38	0 25	6 17	1 4	16 25	1 54	22 20	0 33	3 32	1 57	29 38	14 16	19 46	19 31	12 39		n.a.
S 24	19 59	8 41	5 2	23 47	0 14	22 46	0 52	4 53	0 26	6 20	1 4	16 25	1 55	22 20	0 33	3 32	1 57	29 39	14 16	19 43	19 30	12 37		n.a.
M25	19 45	4 35	4 58	23 51	0 23	22 51	0 49	5 9	0 27	6 23	1 4	16 26	1 55	22 19	0 33	3 32	1 57	29 39	14 16	19 41	19 29	12 35		n.a.
T 26	19 31	0 17	4 41	23 55	0 31	22 55	0 46	5 25	0 28	6 27	1 3	16 27	1 55	22 19	0 33	3 32	1 58	29 40	14 17	19 38	19 29	12 33		n.a.
W27	19 16	4n 3	4 12	23 57	0 39	22 59	0 42	5 40	0 28	6 30	1 3	16 28	1 55	22 18	0 33	3 32	1 58	29 41	14 17	19 36	19 28	12 31		n.a.
T 28	19 1	8 17	3 30	23 58	0 47	23 2	0 39	5 56	0 29	6 33	1 3	16 29	1 55	22 18	0 33	3 31	1 58	29 41	14 17	19 35	19 27	12 29		n.a.
F 29	18 46	12 16	2 38	23 58	0 54	23 5	0 36	6 11	0 30	6 37	1 3	16 29	1 55	22 17	0 33	3 31	1 58	29 42	14 17	19 35	19 26	12 27		n.a.
S 30	18 31	15 48	1 37	23 57	1 1	23 7	0 33	6 27	0 31	6 40	1 2	16 30	1 55	22 16	0 33	3 31	1 58	29 42	14 17	19 34	19 26	12 25		n.a.
S 31	18s15	18n38	0n30	23s54	1s 8	23s 8	0n29	6n42	0n31	6n44	1s 2	16s31	1n55	22s16	0s33	3s31	1n58	29n43	14n17	19s35	19s25	12s23		n.a.

Julian Day Number = 1715213.5, Delta T = 02h58m43s
Ecliptic obliquity = 23°41'44, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°17'48, Lahiri = - 4°10'48 Julian Calendar 1 Jan. 17 BCE == Greg. Calendar 30 Dec. 018 BCE

The year -16 astronomical counting style corresponds to year 017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 17 BCE
geocentric

FEBRUARY 17 BCE (-16) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 32 16	9♒48'56	4♊20	16♉56	5♉35	16♈16	19♈34	21♏42	23♉ 0	13°R20	16°R 8	26°R29	25♏45	12♒46	n.a.	M 1
T 2	8 36 12	10°49'05	18°19	18°22	6°48	16°54	19°43	21°45	23° 3	13♎19	16♌ 7	26♏27	25°42	12°53	n.a.	T 2
W 3	8 40 9	11°49'11	2♋46	19°49	8° 1	17°32	19°52	21°48	23° 6	13°19	16° 5	26°23	25°39	13° 0	n.a.	W 3
T 4	8 44 5	12°49'14	17°39	21°17	9°14	18° 9	20° 1	21°51	23°10	13°18	16° 3	26°16	25°35	13° 6	n.a.	T 4
F 5	8 48 2	13°49'16	2♌51	22°47	10°27	18°47	20°10	21°53	23°13	13°18	16° 2	26° 7	25°32	13°13	n.a.	F 5
S 6	8 51 59	14°49'15	18°13	24°18	11°40	19°25	20°20	21°56	23°16	13°17	16° 0	25°56	25°29	13°20	n.a.	S 6
S 7	8 55 55	15°49'13	3♍33	25°49	12°53	20° 3	20°29	21°59	23°20	13°16	15°59	25°45	25°26	13°26	n.a.	S 7
M 8	8 59 52	16°49'08	18°38	27°22	14° 6	20°41	20°39	22° 1	23°23	13°16	15°57	25°35	25°23	13°33	n.a.	M 8
T 9	9 3 48	17°49'02	3♎21	28°57	15°19	21°18	20°48	22° 3	23°26	13°15	15°56	25°27	25°20	13°40	n.a.	T 9
W10	9 7 45	18°48'54	17°35	0♒32	16°32	21°56	20°58	22° 6	23°29	13°14	15°54	25°21	25°16	13°47	n.a.	W10
T 11	9 11 41	19°48'44	1♏19	2° 9	17°45	22°34	21° 8	22° 8	23°33	13°13	15°52	25°19	25°13	13°53	n.a.	T 11
F 12	9 15 38	20°48'32	14°35	3°46	18°58	23°12	21°18	22°10	23°36	13°13	15°51	25°18	25°10	14° 0	n.a.	F 12
S 13	9 19 34	21°48'19	27°25	5°25	20°12	23°50	21°28	22°12	23°39	13°12	15°49	25°18	25° 7	14° 7	n.a.	S 13
S 14	9 23 31	22°48'04	9♐55	7° 5	21°25	24°28	21°38	22°14	23°42	13°11	15°48	25°17	25° 4	14°14	n.a.	S 14
M15	9 27 27	23°47'47	22° 9	8°47	22°38	25° 5	21°49	22°15	23°45	13°10	15°46	25°15	25° 0	14°20	n.a.	M15
T 16	9 31 24	24°47'28	4♑11	10°29	23°51	25°43	21°59	22°17	23°48	13° 9	15°45	25°11	24°57	14°27	n.a.	T 16
W17	9 35 21	25°47'08	16° 7	12°13	25° 4	26°21	22°10	22°19	23°51	13° 8	15°43	25° 3	24°54	14°34	n.a.	W17
T 18	9 39 17	26°46'45	27°59	13°58	26°17	26°59	22°20	22°20	23°54	13° 7	15°41	24°53	24°51	14°40	n.a.	T 18
F 19	9 43 14	27°46'20	9♒50	15°44	27°30	27°37	22°31	22°22	23°58	13° 6	15°40	24°40	24°48	14°47	n.a.	F 19
S 20	9 47 10	28°45'53	21°42	17°31	28°44	28°15	22°42	22°23	24° 1	13° 5	15°38	24°26	24°45	14°54	n.a.	S 20
S 21	9 51 7	29°45'25	3♓36	19°20	29°57	28°53	22°53	22°24	24° 4	13° 4	15°37	24°11	24°41	15° 1	n.a.	S 21
M22	9 55 3	0♓44'54	15°34	21°10	1♒10	29°31	23° 4	22°25	24° 7	13° 3	15°35	23°57	24°38	15° 7	n.a.	M22
T 23	9 59 0	1°44'20	27°36	23° 1	2°23	0♉ 8	23°15	22°26	24° 9	13° 2	15°34	23°45	24°35	15°14	n.a.	T 23
W24	10 2 56	2°43'45	9♈45	24°53	3°36	0°46	23°26	22°27	24°12	13° 1	15°32	23°36	24°32	15°21	n.a.	W24
T 25	10 6 53	3°43'07	22° 3	26°47	4°50	1°24	23°38	22°28	24°15	13° 0	15°31	23°29	24°29	15°27	n.a.	T 25
F 26	10 10 50	4°42'27	4♉32	28°42	6° 3	2° 2	23°49	22°29	24°18	12°58	15°29	23°26	24°26	15°34	n.a.	F 26
S 27	10 14 46	5°41'44	17°15	0♓38	7°16	2°40	24° 1	22°29	24°21	12°57	15°28	23°24	24°22	15°41	n.a.	S 27
S 28	10 18 43	6°41'00	0♊16	2°36	8°29	3°18	24°12	22°30	24°24	12°56	15°26	23°24	24°19	15°48	n.a.	S 28
M29	10 22 39	7♓40'12	13♊39	4♓35	9♒43	3♉56	24♈24	22♏30	24♉27	12♎55	15♌25	23♏24	24♏16	15♒54	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s59	20n33	0s42	23s50	1s14	23s 8	0n26	6n57	0n32	6n47	1s 2	16s31	1n56	22s15	0s33	3s31	1n58	29n44	14n17	19s34	19s24	12s21		n.a.
T 2	17 42	21 18	1 53	23 45	1 20	23 8	0 23	7 13	0 33	6 51	1 1	16 32	1 56	22 15	0 33	3 30	1 58	29 44	14 18	19 34	19 23	12 19		n.a.
W 3	17 26	20 41	2 59	23 38	1 26	23 7	0 20	7 28	0 33	6 54	1 1	16 33	1 56	22 14	0 33	3 30	1 58	29 45	14 18	19 33	19 23	12 17		n.a.
T 4	17 9	18 37	3 56	23 30	1 32	23 6	0 17	7 43	0 34	6 58	1 1	16 33	1 56	22 14	0 33	3 30	1 58	29 46	14 18	19 32	19 22	12 15		n.a.
F 5	16 51	15 15	4 37	23 20	1 37	23 3	0 14	7 58	0 35	7 2	1 1	16 34	1 56	22 13	0 33	3 29	1 58	29 46	14 18	19 29	19 21	12 13		n.a.
S 6	16 34	10 48	4 58	23 9	1 42	23 0	0 10	8 13	0 35	7 6	1 0	16 34	1 56	22 13	0 33	3 29	1 58	29 47	14 18	19 27	19 20	12 11		n.a.
S 7	16 16	5 41	4 58	22 57	1 46	22 57	0 7	8 28	0 36	7 9	1 0	16 35	1 56	22 12	0 33	3 29	1 58	29 47	14 18	19 24	19 20	12 8		n.a.
M 8	15 58	0 18	4 37	22 42	1 50	22 52	0 4	8 43	0 37	7 13	1 0	16 35	1 57	22 11	0 33	3 29	1 58	29 48	14 18	19 22	19 19	12 6		n.a.
T 9	15 39	4s59	3 58	22 27	1 54	22 47	0 1	8 58	0 37	7 17	1 0	16 36	1 57	22 11	0 33	3 28	1 58	29 48	14 18	19 20	19 18	12 4		n.a.
W10	15 21	9 49	3 5	22 9	1 57	22 41	0s 2	9 13	0 38	7 21	1 0	16 36	1 57	22 10	0 33	3 28	1 58	29 49	14 18	19 18	19 17	12 2		n.a.
T 11	15 2	13 59	2 3	21 50	2 0	22 35	0 5	9 28	0 39	7 25	0 59	16 37	1 57	22 10	0 33	3 27	1 59	29 50	14 18	19 18	19 16	12 0		n.a.
F 12	14 43	17 17	0 56	21 30	2 3	22 28	0 8	9 43	0 39	7 29	0 59	16 37	1 57	22 9	0 33	3 27	1 59	29 50	14 18	19 18	19 16	11 58		n.a.
S 13	14 23	19 37	0n11	21 8	2 5	22 20	0 11	9 58	0 40	7 33	0 59	16 38	1 57	22 9	0 33	3 27	1 59	29 51	14 18	19 18	19 15	11 56		n.a.
S 14	14 4	20 55	1 16	20 44	2 6	22 12	0 14	10 12	0 40	7 37	0 59	16 38	1 57	22 8	0 33	3 26	1 59	29 51	14 18	19 17	19 14	11 54		n.a.
M15	13 44	21 11	2 17	20 18	2 8	22 3	0 17	10 27	0 41	7 41	0 58	16 38	1 58	22 8	0 33	3 26	1 59	29 52	14 18	19 17	19 13	11 52		n.a.
T 16	13 24	20 28	3 10	19 51	2 8	21 53	0 20	10 41	0 42	7 45	0 58	16 39	1 58	22 7	0 33	3 26	1 59	29 52	14 18	19 16	19 13	11 50		n.a.
W17	13 4	18 50	3 54	19 22	2 9	21 43	0 22	10 56	0 42	7 49	0 58	16 39	1 58	22 7	0 33	3 25	1 59	29 53	14 18	19 14	19 12	11 48		n.a.
T 18	12 43	16 25	4 28	18 52	2 9	21 32	0 25	11 10	0 43	7 54	0 58	16 39	1 58	22 6	0 33	3 25	1 59	29 53	14 18	19 11	19 11	11 46		n.a.
F 19	12 23	13 19	4 50	18 20	2 8	21 20	0 28	11 25	0 43	7 58	0 58	16 39	1 58	22 6	0 33	3 24	1 59	29 54	14 18	19 8	19 10	11 44		n.a.
S 20	12 2	9 42	4 59	17 46	2 7	21 8	0 31	11 39	0 44	8 2	0 57	16 39	1 58	22 5	0 33	3 24	1 59	29 54	14 18	19 5	19 9	11 41		n.a.
S 21	11 41	5 42	4 55	17 10	2 6	20 55	0 33	11 53	0 44	8 6	0 57	16 40	1 58	22 5	0 33	3 23	1 59	29 55	14 18	19 1	19 9	11 39		n.a.
M22	11 20	1 28	4 39	16 33	2 4	20 42	0 36	12 7	0 45	8 11	0 57	16 40	1 59	22 4	0 33	3 23	1 59	29 55	14 18	18 58	19 8	11 37		n.a.
T 23	10 58	2n51	4 10	15 54	2 1	20 28	0 38	12 21	0 45	8 15	0 57	16 40	1 59	22 4	0 33	3 22	1 59	29 55	14 18	18 55	19 7	11 35		n.a.
W24	10 37	7 6	3 29	15 13	1 58	20 13	0 41	12 35	0 46	8 20	0 56	16 40	1 59	22 3	0 33	3 22	1 59	29 56	14 18	18 52	19 6	11 33		n.a.
T 25	10 15	11 7	2 38	14 30	1 54	19 58	0 43	12 49	0 46	8 24	0 56	16 40	1 59	22 3	0 33	3 21	1 59	29 56	14 18	18 51	19 6	11 31		n.a.
F 26	9 53	14 42	1 38	13 46	1 50	19 42	0 46	13 2	0 47	8 28	0 56	16 40	1 59	22 2	0 33	3 21	1 59	29 57	14 18	18 50	19 5	11 29		n.a.
S 27	9 31	17 41	0 33	13 0	1 46	19 26	0 48	13 16	0 47	8 33	0 56	16 40	1 59	22 2	0 34	3 20	1 59	29 57	14 18	18 49	19 4	11 27		n.a.
S 28	9 9	19 50	0s36	12 13	1 40	19 9	0 51	13 30	0 48	8 37	0 56	16 40	1 59	22 1	0 34	3 20	1 59	29 57	14 18	18 49	19 3	11 25		n.a.
M29	8s47	20n57	1s45	11s24	1s35	18s51	0s53	13n43	0n48	8n42	0s55	16s40	2n 0	22s 1	0s34	3s19	1n59	29n58	14n18	18s49	19s 2	11s23		n.a.

Julian Day Number = 1715244.5, Delta T = 02h58m42s
Ecliptic obliquity = 23°41'44, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°17'44, Lahiri = - 4°10'44 Julian Calendar 1 Feb. 17 BCE == Greg. Calendar 30 Jan. 017 BCE

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ASTRODIENST EPHEMERIS for the year 17 BCE
geocentric

MARCH 17 BCE (-16) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 26 36	8♓39'23	27♊27	6♓34	10♒56	4♉34	24♈36	22♏30	24♑29	12°R53	15°R24	23°R23	24♏13	16♒ 1	n.a.	T 1
W 2	10 30 32	9°38'31	11♋40	8°35	12° 9	5°11	24°47	22°31	24°32	12♎52	15♌22	23♏20	24°10	16° 8	n.a.	W 2
T 3	10 34 29	10°37'36	26°18	10°37	13°22	5°49	24°59	22°31	24°35	12°51	15°21	23°14	24° 6	16°15	n.a.	T 3
F 4	10 38 25	11°36'39	11♌16	12°40	14°35	6°27	25°11	22°R31	24°37	12°50	15°19	23° 6	24° 3	16°21	n.a.	F 4
S 5	10 42 22	12°35'40	26°27	14°43	15°49	7° 5	25°23	22°31	24°40	12°48	15°18	22°56	24° 0	16°28	n.a.	S 5
S 6	10 46 19	13°34'38	11♍40	16°47	17° 2	7°43	25°35	22°31	24°43	12°47	15°17	22°46	23°57	16°35	n.a.	S 6
M 7	10 50 15	14°33'35	26°45	18°51	18°15	8°21	25°48	22°30	24°45	12°46	15°15	22°36	23°54	16°41	n.a.	M 7
T 8	10 54 12	15°32'29	11♎31	20°56	19°28	8°59	26° 0	22°30	24°48	12°44	15°14	22°28	23°51	16°48	n.a.	T 8
W 9	10 58 8	16°31'21	25°52	23° 0	20°42	9°36	26°12	22°29	24°50	12°43	15°13	22°23	23°47	16°55	n.a.	W 9
T 10	11 2 5	17°30'12	9♏44	25° 4	21°55	10°14	26°25	22°29	24°52	12°41	15°11	22°21	23°44	17° 2	n.a.	T 10
F 11	11 6 1	18°29'00	23° 7	27° 8	23° 8	10°52	26°37	22°28	24°55	12°40	15°10	22°D20	23°41	17° 8	n.a.	F 11
S 12	11 9 58	19°27'47	6♐ 4	29°10	24°22	11°30	26°50	22°27	24°57	12°38	15° 9	22°20	23°38	17°15	n.a.	S 12
S 13	11 13 54	20°26'32	18°38	1♈11	25°35	12° 8	27° 2	22°27	25° 0	12°37	15° 8	22°R21	23°35	17°22	n.a.	S 13
M14	11 17 51	21°25'16	0♑53	3°11	26°48	12°46	27°15	22°26	25° 2	12°35	15° 6	22°20	23°32	17°28	n.a.	M14
T 15	11 21 47	22°23'57	12°56	5° 8	28° 1	13°23	27°27	22°24	25° 4	12°34	15° 5	22°18	23°28	17°35	n.a.	T 15
W16	11 25 44	23°22'37	24°51	7° 3	29°15	14° 1	27°40	22°23	25° 6	12°32	15° 4	22°14	23°25	17°42	n.a.	W16
T 17	11 29 41	24°21'15	6♒42	8°56	0♓28	14°39	27°53	22°22	25° 9	12°31	15° 3	22° 7	23°22	17°49	n.a.	T 17
F 18	11 33 37	25°19'51	18°33	10°45	1°41	15°17	28° 6	22°21	25°11	12°29	15° 2	21°58	23°19	17°55	n.a.	F 18
S 19	11 37 34	26°18'25	0♓27	12°31	2°55	15°55	28°19	22°19	25°13	12°28	15° 1	21°47	23°16	18° 2	n.a.	S 19
S 20	11 41 30	27°16'57	12°25	14°14	4° 8	16°33	28°32	22°18	25°15	12°26	15° 0	21°37	23°12	18° 9	n.a.	S 20
M21	11 45 27	28°15'27	24°31	15°52	5°21	17°10	28°45	22°16	25°17	12°25	14°58	21°27	23° 9	18°16	n.a.	M21
T 22	11 49 23	29°13'55	6♈44	17°27	6°35	17°48	28°58	22°14	25°19	12°23	14°57	21°18	23° 6	18°22	n.a.	T 22
W23	11 53 20	0♈12'22	19° 5	18°57	7°48	18°26	29°11	22°13	25°21	12°22	14°56	21°11	23° 3	18°29	n.a.	W23
T 24	11 57 16	1°10'46	1♉37	20°23	9° 1	19° 4	29°24	22°11	25°23	12°20	14°55	21° 7	23° 0	18°36	n.a.	T 24
F 25	12 1 13	2° 9'08	14°19	21°44	10°15	19°42	29°37	22° 9	25°25	12°18	14°54	21° 5	22°57	18°42	n.a.	F 25
S 26	12 5 9	3° 7'28	27°14	23° 1	11°28	20°19	29°51	22° 7	25°26	12°17	14°53	21°D 5	22°53	18°49	n.a.	S 26
S 27	12 9 6	4° 5'46	10♊24	24°13	12°41	20°57	0♉ 4	22° 5	25°28	12°15	14°53	21° 6	22°50	18°56	n.a.	S 27
M28	12 13 3	5° 4'02	23°50	25°20	13°54	21°35	0°17	22° 2	25°30	12°14	14°52	21° 7	22°47	19° 3	n.a.	M28
T 29	12 16 59	6° 2'16	7♋35	26°22	15° 8	22°13	0°31	22° 0	25°32	12°12	14°51	21°R 8	22°44	19° 9	n.a.	T 29
W30	12 20 56	7° 0'28	21°39	27°19	16°21	22°51	0°44	21°58	25°33	12°10	14°50	21° 7	22°41	19°16	n.a.	W30
T 31	12 24 52	7♈58'37	6♌ 2	28♈10	17♓34	23♉28	0♉58	21♏55	25♑35	12♎ 9	14♌49	21♏ 4	22♏37	19♒23	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8s25	20n50	2s50	10s34	1s28	18s33	0s55	13n57	0n49	8n46	0s55	16s40	2n 0	22s 0	0s34	3s19	1n59	29n58	14n18	18s49	19s 2	11s21		n.a.
W 2	8 2	19 25	3 46	9 42	1 21	18 15	0 57	14 10	0 49	8 51	0 55	16 40	2 0	22 0	0 34	3 18	2 0	29 59	14 17	18 48	19 1	11 18		n.a.
T 3	7 40	16 42	4 30	8 48	1 14	17 56	0 59	14 23	0 50	8 55	0 55	16 40	2 0	21 59	0 34	3 18	2 0	29 59	14 17	18 47	19 0	11 16		n.a.
F 4	7 17	12 51	4 56	7 54	1 6	17 36	1 1	14 36	0 50	9 0	0 55	16 40	2 0	21 59	0 34	3 17	2 0	29 59	14 17	18 45	18 59	11 14		n.a.
S 5	6 54	8 7	5 1	6 58	0 57	17 16	1 3	14 49	0 51	9 5	0 55	16 39	2 0	21 58	0 34	3 17	2 0	29 59	14 17	18 42	18 58	11 12		n.a.
S 6	6 31	2 52	4 46	6 1	0 48	16 56	1 5	15 2	0 51	9 9	0 54	16 39	2 0	21 58	0 34	3 16	2 0	30 0	14 17	18 40	18 58	11 10		n.a.
M 7	6 9	2s31	4 10	5 3	0 39	16 35	1 7	15 15	0 52	9 14	0 54	16 39	2 1	21 57	0 34	3 15	2 0	30 0	14 17	18 37	18 57	11 8		n.a.
T 8	5 46	7 39	3 19	4 5	0 29	16 13	1 9	15 28	0 52	9 18	0 54	16 39	2 1	21 57	0 34	3 15	2 0	30 0	14 17	18 35	18 56	11 6		n.a.
W 9	5 22	12 12	2 16	3 5	0 19	15 52	1 11	15 40	0 52	9 23	0 54	16 39	2 1	21 57	0 34	3 14	2 0	30 1	14 16	18 34	18 55	11 4		n.a.
T 10	4 59	15 56	1 7	2 6	0 8	15 29	1 12	15 53	0 53	9 28	0 54	16 38	2 1	21 56	0 34	3 14	2 0	30 1	14 16	18 33	18 54	11 2		n.a.
F 11	4 36	18 41	0n 4	1 6	0n 3	15 7	1 14	16 5	0 53	9 33	0 54	16 38	2 1	21 56	0 34	3 13	2 0	30 1	14 16	18 33	18 54	11 0		n.a.
S 12	4 13	20 22	1 13	0 7	0 14	14 43	1 15	16 18	0 54	9 37	0 53	16 38	2 1	21 55	0 34	3 12	2 0	30 1	14 16	18 33	18 53	10 57		n.a.
S 13	3 50	20 57	2 15	0n52	0 26	14 20	1 17	16 30	0 54	9 42	0 53	16 37	2 1	21 55	0 34	3 12	2 0	30 2	14 16	18 33	18 52	10 55		n.a.
M14	3 26	20 31	3 11	1 51	0 37	13 56	1 18	16 42	0 54	9 47	0 53	16 37	2 1	21 55	0 34	3 11	2 0	30 2	14 16	18 33	18 51	10 53		n.a.
T 15	3 3	19 8	3 56	2 48	0 49	13 32	1 20	16 54	0 55	9 51	0 53	16 37	2 2	21 54	0 34	3 11	2 0	30 2	14 15	18 32	18 50	10 51		n.a.
W16	2 39	16 57	4 31	3 45	1 0	13 7	1 21	17 6	0 55	9 56	0 53	16 36	2 2	21 54	0 34	3 10	2 0	30 2	14 15	18 31	18 50	10 49		n.a.
T 17	2 16	14 3	4 54	4 40	1 11	12 42	1 22	17 17	0 56	10 1	0 53	16 36	2 2	21 53	0 34	3 9	2 0	30 2	14 15	18 29	18 49	10 47		n.a.
F 18	1 52	10 37	5 4	5 34	1 23	12 17	1 23	17 29	0 56	10 6	0 52	16 35	2 2	21 53	0 34	3 9	2 0	30 2	14 15	18 27	18 48	10 45		n.a.
S 19	1 29	6 44	5 1	6 26	1 33	11 51	1 24	17 41	0 56	10 11	0 52	16 35	2 2	21 53	0 34	3 8	2 0	30 3	14 14	18 24	18 47	10 43		n.a.
S 20	1 6	2 35	4 45	7 15	1 44	11 25	1 25	17 52	0 57	10 15	0 52	16 34	2 2	21 52	0 34	3 8	2 0	30 3	14 14	18 22	18 46	10 41		n.a.
M21	0 42	1n42	4 16	8 3	1 54	10 59	1 26	18 3	0 57	10 20	0 52	16 34	2 2	21 52	0 34	3 7	2 0	30 3	14 14	18 19	18 46	10 38		n.a.
T 22	0 19	5 59	3 35	8 49	2 3	10 32	1 27	18 14	0 57	10 25	0 52	16 33	2 2	21 52	0 34	3 6	2 0	30 3	14 14	18 17	18 45	10 36		n.a.
W23	0n 5	10 4	2 43	9 32	2 12	10 5	1 28	18 25	0 58	10 30	0 52	16 33	2 3	21 51	0 34	3 6	2 0	30 3	14 14	18 15	18 44	10 34		n.a.
T 24	0 28	13 46	1 43	10 12	2 20	9 38	1 29	18 36	0 58	10 35	0 51	16 32	2 3	21 51	0 34	3 5	2 0	30 3	14 13	18 14	18 43	10 32		n.a.
F 25	0 52	16 53	0 36	10 50	2 27	9 11	1 29	18 47	0 58	10 40	0 51	16 31	2 3	21 51	0 34	3 4	2 0	30 3	14 13	18 13	18 42	10 30		n.a.
S 26	1 15	19 13	0s33	11 25	2 34	8 43	1 30	18 58	0 59	10 44	0 51	16 31	2 3	21 50	0 34	3 4	2 0	30 3	14 13	18 13	18 42	10 28		n.a.
S 27	1 39	20 33	1 42	11 58	2 40	8 15	1 30	19 8	0 59	10 49	0 51	16 30	2 3	21 50	0 34	3 3	2 0	30 3	14 12	18 14	18 41	10 26		n.a.
M28	2 2	20 46	2 47	12 27	2 45	7 47	1 31	19 18	0 59	10 54	0 51	16 29	2 3	21 50	0 34	3 2	2 0	30 3	14 12	18 14	18 40	10 24		n.a.
T 29	2 25	19 44	3 45	12 54	2 49	7 19	1 31	19 29	1 0	10 59	0 51	16 29	2 3	21 50	0 34	3 2	2 0	30 3	14 12	18 14	18 39	10 22		n.a.
W30	2 49	17 30	4 29	13 18	2 52	6 51	1 31	19 39	1 0	11 4	0 51	16 28	2 3	21 49	0 34	3 1	2 0	30 3	14 12	18 14	18 38	10 19		n.a.
T 31	3n12	14n 9	4s59	13n38	2n54	6s22	1s32	19n49	1n 0	11n 9	0s51	16s27	2n 3	21s49	0s34	3s 0	2n 0	30n 3	14n11	18s13	18s37	10s17		n.a.

Julian Day Number = 1715273.5, Delta T = 02h58m41s
Ecliptic obliquity = 23°41'44, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°17'40, Lahiri = - 4°10'40 Julian Calendar 1 March 17 BCE == Greg. Calendar 28 Feb. 017 BCE

The year -16 astronomical counting style corresponds to year 017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 17 BCE
geocentric

APRIL 17 BCE (-16) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 28 49	8♈56'45	20♌39	28♈57	18♓48	24♉ 6	1♉11	21°R53	25♏36	12°R 7	14°R48	21°R 0	22♏34	19♒29	n.a.	F 1
S 2	12 32 45	9°54'50	5♍28	29°38	20° 1	24°44	1°25	21♏50	25°38	12♎ 5	14♌48	20♏54	22°31	19°36	n.a.	S 2
S 3	12 36 42	10°52'53	20°19	0♉14	21°14	25°22	1°38	21°47	25°39	12° 4	14°47	20°48	22°28	19°43	n.a.	S 3
M 4	12 40 38	11°50'54	5♎ 5	0°44	22°28	25°59	1°52	21°44	25°41	12° 2	14°46	20°42	22°25	19°50	n.a.	M 4
T 5	12 44 35	12°48'54	19°39	1° 9	23°41	26°37	2° 5	21°42	25°42	12° 1	14°45	20°38	22°22	19°56	n.a.	T 5
W 6	12 48 32	13°46'52	3♏53	1°29	24°54	27°15	2°19	21°39	25°43	11°59	14°45	20°35	22°18	20° 3	n.a.	W 6
T 7	12 52 28	14°44'48	17°43	1°44	26° 7	27°53	2°33	21°36	25°45	11°57	14°44	20°D34	22°15	20°10	n.a.	T 7
F 8	12 56 25	15°42'43	1♐ 8	1°53	27°21	28°30	2°46	21°32	25°46	11°56	14°43	20°34	22°12	20°17	n.a.	F 8
S 9	13 0 21	16°40'37	14° 8	1°R57	28°34	29° 8	3° 0	21°29	25°47	11°54	14°43	20°36	22° 9	20°23	n.a.	S 9
S 10	13 4 18	17°38'29	26°46	1°56	29°47	29°46	3°14	21°26	25°48	11°52	14°42	20°37	22° 6	20°30	n.a.	S 10
M11	13 8 14	18°36'20	9♑ 6	1°50	1♈ 1	0♊23	3°28	21°23	25°49	11°51	14°42	20°39	22° 3	20°37	n.a.	M11
T 12	13 12 11	19°34'09	21°12	1°39	2°14	1° 1	3°41	21°19	25°50	11°49	14°41	20°R39	21°59	20°43	n.a.	T 12
W13	13 16 7	20°31'58	3♒ 9	1°24	3°27	1°39	3°55	21°16	25°51	11°48	14°41	20°38	21°56	20°50	n.a.	W13
T 14	13 20 4	21°29'44	15° 2	1° 4	4°41	2°17	4° 9	21°13	25°52	11°46	14°40	20°36	21°53	20°57	n.a.	T 14
F 15	13 24 1	22°27'30	26°55	0°42	5°54	2°54	4°23	21° 9	25°53	11°44	14°40	20°33	21°50	21° 4	n.a.	F 15
S 16	13 27 57	23°25'14	8♓51	0°15	7° 7	3°32	4°37	21° 5	25°54	11°43	14°40	20°29	21°47	21°10	n.a.	S 16
S 17	13 31 54	24°22'57	20°55	29♈46	8°21	4°10	4°51	21° 2	25°55	11°41	14°39	20°24	21°43	21°17	n.a.	S 17
M18	13 35 50	25°20'39	3♈ 8	29°15	9°34	4°47	5° 5	20°58	25°55	11°40	14°39	20°20	21°40	21°24	n.a.	M18
T 19	13 39 47	26°18'19	15°32	28°42	10°48	5°25	5°18	20°54	25°56	11°38	14°39	20°17	21°37	21°31	n.a.	T 19
W20	13 43 43	27°15'58	28° 9	28° 8	12° 1	6° 3	5°32	20°50	25°57	11°36	14°38	20°14	21°34	21°37	n.a.	W20
T 21	13 47 40	28°13'36	10♉59	27°33	13°14	6°40	5°46	20°47	25°57	11°35	14°38	20°13	21°31	21°44	n.a.	T 21
F 22	13 51 36	29°11'13	24° 2	26°58	14°28	7°18	6° 0	20°43	25°58	11°33	14°38	20°D13	21°28	21°51	n.a.	F 22
S 23	13 55 33	0♉ 8'48	7♊18	26°24	15°41	7°56	6°14	20°39	25°58	11°32	14°38	20°13	21°24	21°57	n.a.	S 23
S 24	13 59 30	1° 6'21	20°47	25°51	16°54	8°34	6°28	20°35	25°59	11°30	14°38	20°14	21°21	22° 4	n.a.	S 24
M25	14 3 26	2° 3'53	4♋28	25°20	18° 8	9°11	6°42	20°31	25°59	11°29	14°38	20°16	21°18	22°11	n.a.	M25
T 26	14 7 23	3° 1'24	18°21	24°51	19°21	9°49	6°56	20°27	26° 0	11°27	14°38	20°17	21°15	22°18	n.a.	T 26
W27	14 11 19	3°58'53	2♌26	24°25	20°34	10°27	7°10	20°22	26° 0	11°26	14°38	20°R17	21°12	22°24	n.a.	W27
T 28	14 15 16	4°56'21	16°40	24° 3	21°48	11° 4	7°24	20°18	26° 0	11°24	14°D38	20°17	21° 8	22°31	n.a.	T 28
F 29	14 19 12	5°53'47	1♍ 1	23°43	23° 1	11°42	7°38	20°14	26° 0	11°23	14°38	20°16	21° 5	22°38	n.a.	F 29
S 30	14 23 9	6♉51'12	15♍26	23♈28	24♈15	12♊20	7♉52	20♏10	26♑ 1	11♎21	14♌38	20♏15	21♏ 2	22♒44	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3n35	9n53	5s 9	13n56	2n55	5s53	1s32	19n59	1n 1	11n13	0s50	16s27	2n 4	21s49	0s35	3s 0	2n 0	30n 3	14n11	18s12	18s37	10s15		n.a.
S 2	3 58	4 58	4 59	14 11	2 55	5 24	1 32	20 8	1 1	11 18	0 50	16 26	2 4	21 49	0 35	2 59	2 0	30 3	14 11	18 10	18 36	10 13		n.a.
S 3	4 21	0s15	4 29	14 23	2 54	4 55	1 32	20 18	1 1	11 23	0 50	16 25	2 4	21 48	0 35	2 59	2 0	30 3	14 10	18 9	18 35	10 11		n.a.
M 4	4 44	5 26	3 42	14 32	2 52	4 26	1 32	20 27	1 1	11 28	0 50	16 24	2 4	21 48	0 35	2 58	2 0	30 3	14 10	18 7	18 34	10 9		n.a.
T 5	5 7	10 14	2 40	14 38	2 49	3 56	1 32	20 36	1 2	11 33	0 50	16 23	2 4	21 48	0 35	2 57	2 0	30 3	14 10	18 6	18 33	10 7		n.a.
W 6	5 30	14 21	1 30	14 41	2 44	3 27	1 32	20 45	1 2	11 38	0 50	16 22	2 4	21 48	0 35	2 57	2 0	30 3	14 10	18 5	18 33	10 5		n.a.
T 7	5 52	17 33	0 16	14 40	2 38	2 57	1 31	20 54	1 2	11 43	0 50	16 22	2 4	21 47	0 35	2 56	2 0	30 3	14 9	18 5	18 32	10 2		n.a.
F 8	6 15	19 40	0n57	14 37	2 31	2 27	1 31	21 3	1 2	11 47	0 50	16 21	2 4	21 47	0 35	2 55	2 0	30 3	14 9	18 5	18 31	10 0		n.a.
S 9	6 37	20 40	2 5	14 31	2 23	1 58	1 31	21 12	1 3	11 52	0 49	16 20	2 4	21 47	0 35	2 55	2 0	30 3	14 9	18 5	18 30	9 58		n.a.
S 10	7 0	20 35	3 5	14 22	2 14	1 28	1 30	21 20	1 3	11 57	0 49	16 19	2 4	21 47	0 35	2 54	2 0	30 3	14 8	18 6	18 29	9 56		n.a.
M11	7 22	19 29	3 54	14 10	2 4	0 58	1 30	21 29	1 3	12 2	0 49	16 18	2 4	21 47	0 35	2 53	2 0	30 2	14 8	18 6	18 28	9 54		n.a.
T 12	7 44	17 31	4 33	13 55	1 52	0 28	1 29	21 37	1 3	12 7	0 49	16 17	2 4	21 47	0 35	2 53	2 0	30 2	14 8	18 6	18 28	9 52		n.a.
W13	8 6	14 49	4 58	13 38	1 39	0n 2	1 29	21 45	1 4	12 12	0 49	16 16	2 4	21 46	0 35	2 52	2 0	30 2	14 7	18 6	18 27	9 50		n.a.
T 14	8 28	11 32	5 11	13 19	1 26	0 32	1 28	21 53	1 4	12 16	0 49	16 15	2 4	21 46	0 35	2 52	2 0	30 2	14 7	18 6	18 26	9 47		n.a.
F 15	8 50	7 48	5 11	12 57	1 11	1 2	1 27	22 1	1 4	12 21	0 49	16 14	2 5	21 46	0 35	2 51	2 0	30 2	14 7	18 5	18 25	9 45		n.a.
S 16	9 11	3 45	4 57	12 33	0 56	1 32	1 26	22 8	1 4	12 26	0 49	16 13	2 5	21 46	0 35	2 50	2 0	30 1	14 6	18 4	18 24	9 43		n.a.
S 17	9 33	0n29	4 30	12 8	0 40	2 2	1 26	22 16	1 5	12 31	0 49	16 12	2 5	21 46	0 35	2 50	2 0	30 1	14 6	18 2	18 23	9 41		n.a.
M18	9 54	4 46	3 50	11 41	0 23	2 32	1 25	22 23	1 5	12 36	0 48	16 11	2 5	21 46	0 35	2 49	2 0	30 1	14 6	18 1	18 23	9 39		n.a.
T 19	10 16	8 56	2 59	11 14	0 7	3 2	1 24	22 30	1 5	12 40	0 48	16 10	2 5	21 46	0 35	2 48	2 0	30 1	14 5	18 0	18 22	9 37		n.a.
W20	10 37	12 46	1 58	10 45	0s11	3 32	1 23	22 37	1 5	12 45	0 48	16 9	2 5	21 46	0 35	2 48	2 0	30 1	14 5	18 0	18 21	9 35		n.a.
T 21	10 57	16 5	0 51	10 17	0 28	4 2	1 21	22 44	1 5	12 50	0 48	16 8	2 5	21 45	0 35	2 47	2 0	30 0	14 4	17 59	18 20	9 33		n.a.
F 22	11 18	18 38	0s21	9 48	0 45	4 32	1 20	22 50	1 6	12 55	0 48	16 7	2 5	21 45	0 35	2 47	2 0	30 0	14 4	17 59	18 19	9 30		n.a.
S 23	11 39	20 14	1 33	9 20	1 2	5 1	1 19	22 57	1 6	12 59	0 48	16 6	2 5	21 45	0 35	2 46	2 0	30 0	14 4	17 59	18 18	9 28		n.a.
S 24	11 59	20 42	2 41	8 53	1 19	5 31	1 18	23 3	1 6	13 4	0 48	16 5	2 5	21 45	0 35	2 45	2 0	29 59	14 3	18 0	18 18	9 26		n.a.
M25	12 19	19 57	3 40	8 26	1 35	6 0	1 16	23 9	1 6	13 9	0 48	16 4	2 5	21 45	0 35	2 45	2 0	29 59	14 3	18 0	18 17	9 24		n.a.
T 26	12 39	18 0	4 28	8 1	1 50	6 30	1 15	23 15	1 6	13 14	0 48	16 3	2 5	21 45	0 35	2 44	2 0	29 59	14 3	18 0	18 16	9 22		n.a.
W27	12 59	14 57	5 1	7 38	2 5	6 59	1 14	23 21	1 7	13 18	0 48	16 2	2 5	21 45	0 35	2 44	2 0	29 58	14 2	18 0	18 15	9 20		n.a.
T 28	13 18	11 0	5 15	7 17	2 18	7 28	1 12	23 27	1 7	13 23	0 47	16 0	2 5	21 45	0 35	2 43	2 0	29 58	14 2	18 0	18 14	9 18		n.a.
F 29	13 38	6 24	5 10	6 58	2 31	7 57	1 11	23 32	1 7	13 28	0 47	15 59	2 5	21 45	0 35	2 43	2 0	29 58	14 2	18 0	18 13	9 15		n.a.
S 30	13n57	1n25	4s46	6n41	2s43	8n26	1s 9	23n37	1n 7	13n32	0s47	15s58	2n 5	21s45	0s36	2s42	2n 0	29n57	14n 1	18s 0	18s12	9s13		n.a.

Julian Day Number = 1715304.5, Delta T = 02h58m41s
Ecliptic obliquity = 23°41'44, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°17'36, Lahiri = - 4°10'36 Julian Calendar 1 Apr. 17 BCE == Greg. Calendar 30 March 017 BCE

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ASTRODIENST EPHEMERIS for the year 17 BCE
geocentric

MAY 17 BCE (-16) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 27 5	7♉48'35	29♍50	23°R16	25♈28	12♊57	8♉ 6	20°R 6	26♋ 1	11°R20	14♌38	20°R13	20♏59	22♒51	n.a.	S 1
M 2	14 31 2	8°45'57	14♎ 9	23♈ 9	26°41	13°35	8°20	20♏ 1	26° 1	11♎19	14°38	20♏12	20°56	22°58	n.a.	M 2
T 3	14 34 59	9°43'18	28°18	23°D 6	27°55	14°13	8°34	19°57	26°R 1	11°17	14°38	20°11	20°53	23° 5	n.a.	T 3
W 4	14 38 55	10°40'38	12♏12	23° 7	29° 8	14°50	8°48	19°53	26° 1	11°16	14°38	20°10	20°49	23°11	n.a.	W 4
T 5	14 42 52	11°37'57	25°49	23°13	0♉22	15°28	9° 2	19°48	26° 1	11°14	14°38	20°D10	20°46	23°18	n.a.	T 5
F 6	14 46 48	12°35'16	9♐ 6	23°24	1°35	16° 5	9°16	19°44	26° 1	11°13	14°39	20°10	20°43	23°25	n.a.	F 6
S 7	14 50 45	13°32'33	22° 2	23°39	2°48	16°43	9°30	19°40	26° 0	11°12	14°39	20°11	20°40	23°32	n.a.	S 7
S 8	14 54 41	14°29'50	4♑40	23°58	4° 2	17°21	9°44	19°35	26° 0	11°10	14°39	20°12	20°37	23°38	n.a.	S 8
M 9	14 58 38	15°27'06	17° 2	24°22	5°15	17°58	9°58	19°31	26° 0	11° 9	14°40	20°12	20°34	23°45	n.a.	M 9
T 10	15 2 34	16°24'22	29°10	24°50	6°29	18°36	10°12	19°27	26° 0	11° 8	14°40	20°13	20°30	23°52	n.a.	T 10
W11	15 6 31	17°21'37	11♒ 9	25°23	7°42	19°14	10°26	19°22	25°59	11° 7	14°40	20°13	20°27	23°58	n.a.	W11
T 12	15 10 28	18°18'52	23° 3	26° 0	8°56	19°51	10°39	19°18	25°59	11° 5	14°41	20°R13	20°24	24° 5	n.a.	T 12
F 13	15 14 24	19°16'06	4♓57	26°40	10° 9	20°29	10°53	19°13	25°58	11° 4	14°41	20°13	20°21	24°12	n.a.	F 13
S 14	15 18 21	20°13'20	16°55	27°25	11°22	21° 7	11° 7	19° 9	25°58	11° 3	14°42	20°D13	20°18	24°19	n.a.	S 14
S 15	15 22 17	21°10'33	29° 1	28°14	12°36	21°44	11°21	19° 5	25°57	11° 2	14°42	20°13	20°14	24°25	n.a.	S 15
M16	15 26 14	22° 7'46	11♈20	29° 6	13°49	22°22	11°35	19° 0	25°57	11° 1	14°43	20°13	20°11	24°32	n.a.	M16
T 17	15 30 10	23° 4'58	23°53	0♉ 3	15° 3	23° 0	11°49	18°56	25°56	11° 0	14°43	20°13	20° 8	24°39	n.a.	T 17
W18	15 34 7	24° 2'11	6♉44	1° 3	16°16	23°37	12° 3	18°51	25°55	10°58	14°44	20°13	20° 5	24°46	n.a.	W18
T 19	15 38 3	24°59'22	19°52	2° 6	17°30	24°15	12°16	18°47	25°54	10°57	14°45	20°R13	20° 2	24°52	n.a.	T 19
F 20	15 42 0	25°56'34	3♊17	3°14	18°44	24°53	12°30	18°43	25°54	10°56	14°45	20°13	19°59	24°59	n.a.	F 20
S 21	15 45 57	26°53'45	16°59	4°24	19°57	25°30	12°44	18°38	25°53	10°55	14°46	20°13	19°55	25° 6	n.a.	S 21
S 22	15 49 53	27°50'55	0♋54	5°39	21°11	26° 8	12°58	18°34	25°52	10°54	14°47	20°12	19°52	25°12	n.a.	S 22
M23	15 53 50	28°48'05	15° 0	6°56	22°24	26°46	13°11	18°30	25°51	10°53	14°47	20°11	19°49	25°19	n.a.	M23
T 24	15 57 46	29°45'14	29°12	8°17	23°38	27°23	13°25	18°25	25°50	10°52	14°48	20°10	19°46	25°26	n.a.	T 24
W25	16 1 43	0♊42'23	13♌28	9°42	24°51	28° 1	13°39	18°21	25°49	10°52	14°49	20° 9	19°43	25°33	n.a.	W25
T 26	16 5 39	1°39'31	27°44	11°10	26° 5	28°39	13°52	18°17	25°48	10°51	14°50	20°D 9	19°40	25°39	n.a.	T 26
F 27	16 9 36	2°36'39	11♍57	12°40	27°18	29°16	14° 6	18°12	25°47	10°50	14°51	20° 9	19°36	25°46	n.a.	F 27
S 28	16 13 32	3°33'45	26° 5	14°15	28°32	29°54	14°19	18° 8	25°46	10°49	14°52	20°10	19°33	25°53	n.a.	S 28
S 29	16 17 29	4°30'52	10♎ 7	15°52	29°46	0♋32	14°33	18° 4	25°45	10°48	14°52	20°11	19°30	25°59	n.a.	S 29
M30	16 21 26	5°27'58	23°59	17°33	0♊59	1° 9	14°46	18° 0	25°43	10°47	14°53	20°12	19°27	26° 6	n.a.	M30
T 31	16 25 22	6♊25'04	7♏40	19♉16	2♊13	1♋47	15♉ 0	17♏56	25♋42	10♎47	14♌54	20♏13	19♏24	26♒13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n16	3s39	4s 4	6n27	2s54	8n54	1s 7	23n42	1n 7	13n37	0s47	15s57	2n 5	21s45	0s36	2s42	2n 0	29n57	14n 1	17s59	18s12	9s11		n.a.
M 2	14 34	8 30	3 6	6 15	3 3	9 23	1 6	23 47	1 7	13 41	0 47	15 56	2 5	21 45	0 36	2 41	2 0	29 57	14 1	17 59	18 11	9 9		n.a.
T 3	14 53	12 49	1 58	6 6	3 12	9 51	1 4	23 52	1 8	13 46	0 47	15 55	2 5	21 45	0 36	2 41	2 0	29 56	14 0	17 59	18 10	9 7		n.a.
W 4	15 11	16 22	0 44	6 0	3 19	10 19	1 2	23 57	1 8	13 51	0 47	15 54	2 5	21 45	0 36	2 40	2 0	29 56	14 0	17 59	18 9	9 5		n.a.
T 5	15 29	18 55	0n31	5 56	3 26	10 47	1 0	24 1	1 8	13 55	0 47	15 53	2 5	21 45	0 36	2 40	2 0	29 55	13 59	17 59	18 8	9 2		n.a.
F 6	15 47	20 21	1 43	5 55	3 31	11 14	0 59	24 5	1 8	14 0	0 47	15 51	2 5	21 45	0 36	2 39	2 0	29 55	13 59	17 59	18 7	9 0		n.a.
S 7	16 4	20 40	2 48	5 57	3 35	11 41	0 57	24 9	1 8	14 4	0 47	15 50	2 5	21 45	0 36	2 39	2 0	29 55	13 59	17 59	18 7	8 58		n.a.
S 8	16 22	19 55	3 42	6 1	3 38	12 8	0 55	24 13	1 8	14 9	0 47	15 49	2 5	21 46	0 36	2 38	2 0	29 54	13 58	17 59	18 6	8 56		n.a.
M 9	16 39	18 12	4 25	6 8	3 40	12 35	0 53	24 17	1 8	14 13	0 47	15 48	2 5	21 46	0 36	2 38	2 0	29 54	13 58	17 59	18 5	8 54		n.a.
T 10	16 55	15 43	4 56	6 17	3 41	13 1	0 51	24 20	1 9	14 18	0 47	15 47	2 5	21 46	0 36	2 37	2 0	29 53	13 58	17 59	18 4	8 52		n.a.
W11	17 12	12 36	5 13	6 29	3 42	13 27	0 49	24 24	1 9	14 22	0 46	15 46	2 5	21 46	0 36	2 37	2 0	29 53	13 57	17 59	18 3	8 50		n.a.
T 12	17 28	9 0	5 17	6 43	3 41	13 53	0 47	24 27	1 9	14 27	0 46	15 44	2 5	21 46	0 36	2 36	2 0	29 52	13 57	17 59	18 2	8 47		n.a.
F 13	17 44	5 3	5 7	6 59	3 39	14 19	0 45	24 30	1 9	14 31	0 46	15 43	2 4	21 46	0 36	2 36	2 0	29 52	13 56	17 59	18 1	8 45		n.a.
S 14	17 59	0 53	4 43	7 18	3 37	14 44	0 43	24 33	1 9	14 36	0 46	15 42	2 4	21 46	0 36	2 35	1 59	29 51	13 56	17 59	18 1	8 43		n.a.
S 15	18 15	3n23	4 7	7 38	3 33	15 9	0 40	24 35	1 9	14 40	0 46	15 41	2 4	21 46	0 36	2 35	1 59	29 51	13 56	17 59	18 0	8 41		n.a.
M16	18 30	7 35	3 19	8 1	3 29	15 33	0 38	24 38	1 9	14 44	0 46	15 40	2 4	21 47	0 36	2 34	1 59	29 50	13 55	17 59	17 59	8 39		n.a.
T 17	18 44	11 33	2 21	8 25	3 24	15 57	0 36	24 40	1 9	14 49	0 46	15 39	2 4	21 47	0 36	2 34	1 59	29 50	13 55	17 59	17 58	8 37		n.a.
W18	18 59	15 4	1 14	8 51	3 19	16 21	0 34	24 42	1 9	14 53	0 46	15 38	2 4	21 47	0 36	2 34	1 59	29 49	13 55	17 59	17 57	8 35		n.a.
T 19	19 13	17 56	0 2	9 19	3 13	16 44	0 32	24 44	1 10	14 57	0 46	15 36	2 4	21 47	0 36	2 33	1 59	29 49	13 54	17 59	17 56	8 32		n.a.
F 20	19 27	19 52	1s12	9 49	3 6	17 7	0 29	24 45	1 10	15 2	0 46	15 35	2 4	21 47	0 36	2 33	1 59	29 48	13 54	17 59	17 55	8 30		n.a.
S 21	19 40	20 41	2 23	10 20	2 58	17 29	0 27	24 47	1 10	15 6	0 46	15 34	2 4	21 47	0 36	2 33	1 59	29 48	13 54	17 59	17 55	8 28		n.a.
S 22	19 53	20 15	3 27	10 52	2 50	17 51	0 25	24 48	1 10	15 10	0 46	15 33	2 4	21 48	0 36	2 32	1 59	29 47	13 53	17 59	17 54	8 26		n.a.
M23	20 6	18 33	4 19	11 26	2 42	18 12	0 22	24 49	1 10	15 14	0 46	15 32	2 4	21 48	0 36	2 32	1 59	29 46	13 53	17 59	17 53	8 24		n.a.
T 24	20 19	15 43	4 55	12 1	2 33	18 33	0 20	24 50	1 10	15 18	0 46	15 31	2 4	21 48	0 36	2 32	1 59	29 46	13 53	17 59	17 52	8 22		n.a.
W25	20 31	11 56	5 14	12 37	2 23	18 54	0 18	24 51	1 10	15 23	0 46	15 30	2 3	21 48	0 36	2 31	1 59	29 45	13 52	17 58	17 51	8 19		n.a.
T 26	20 43	7 29	5 14	13 14	2 13	19 14	0 15	24 51	1 10	15 27	0 46	15 29	2 3	21 48	0 36	2 31	1 59	29 45	13 52	17 58	17 50	8 17		n.a.
F 27	20 54	2 38	4 54	13 52	2 3	19 33	0 13	24 52	1 10	15 31	0 46	15 28	2 3	21 49	0 36	2 31	1 59	29 44	13 52	17 58	17 49	8 15		n.a.
S 28	21 5	2s21	4 16	14 30	1 52	19 52	0 11	24 52	1 10	15 35	0 45	15 27	2 3	21 49	0 36	2 30	1 59	29 43	13 51	17 58	17 48	8 13		n.a.
S 29	21 16	7 10	3 24	15 9	1 41	20 11	0 8	24 52	1 10	15 39	0 45	15 26	2 3	21 49	0 36	2 30	1 59	29 43	13 51	17 59	17 48	8 11		n.a.
M30	21 27	11 34	2 20	15 49	1 30	20 29	0 6	24 52	1 10	15 43	0 45	15 25	2 3	21 49	0 37	2 30	1 59	29 42	13 50	17 59	17 47	8 9		n.a.
T 31	21n37	15s18	1s 9	16n29	1s18	20n46	0s 4	24n52	1n11	15n47	0s45	15s24	2n 3	21s50	0s37	2s30	1n59	29n42	13n50	17s59	17s46	8s 6		n.a.

Julian Day Number = 1715334.5, Delta T = 02h58m40s
Ecliptic obliquity = 23°41'44, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°17'32, Lahiri = - 4°10'31 Julian Calendar 1 May 17 BCE == Greg. Calendar 29 Apr. 017 BCE

The year -16 astronomical counting style corresponds to year 017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 17 BCE
geocentric

JUNE 17 BCE (-16) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 29 19	7♊22'09	21♏ 9	21♉ 3	3♊26	2♋25	15♉13	17°R52	25°R41	10°R46	14♌55	20°R13	19♏20	26♒20	n.a.	W 1
T 2	16 33 15	8°19'15	4♐25	22°52	4°40	3° 3	15°27	17♏48	25♑39	10♎45	14°56	20♏13	19°17	26°26	n.a.	T 2
F 3	16 37 12	9°16'21	17°25	24°45	5°54	3°40	15°40	17°44	25°38	10°44	14°58	20°11	19°14	26°33	n.a.	F 3
S 4	16 41 8	10°13'26	0♑11	26°40	7° 7	4°18	15°53	17°40	25°37	10°44	14°59	20° 9	19°11	26°40	n.a.	S 4
S 5	16 45 5	11°10'32	12°42	28°37	8°21	4°56	16° 6	17°36	25°35	10°43	15° 0	20° 6	19° 8	26°47	n.a.	S 5
M 6	16 49 1	12° 7'38	25° 0	0♊37	9°35	5°33	16°20	17°32	25°34	10°43	15° 1	20° 3	19° 5	26°53	n.a.	M 6
T 7	16 52 58	13° 4'44	7♒ 7	2°39	10°48	6°11	16°33	17°29	25°32	10°42	15° 2	19°59	19° 1	27° 0	n.a.	T 7
W 8	16 56 55	14° 1'51	19° 6	4°43	12° 2	6°49	16°46	17°25	25°31	10°41	15° 3	19°56	18°58	27° 7	n.a.	W 8
T 9	17 0 51	14°58'58	0♓59	6°49	13°16	7°27	16°59	17°21	25°29	10°41	15° 4	19°55	18°55	27°13	n.a.	T 9
F 10	17 4 48	15°56'05	12°53	8°55	14°30	8° 4	17°12	17°18	25°27	10°41	15° 6	19°D54	18°52	27°20	n.a.	F 10
S 11	17 8 44	16°53'13	24°50	11° 3	15°43	8°42	17°25	17°14	25°26	10°40	15° 7	19°54	18°49	27°27	n.a.	S 11
S 12	17 12 41	17°50'22	6♈57	13°12	16°57	9°20	17°38	17°11	25°24	10°40	15° 8	19°55	18°46	27°34	n.a.	S 12
M13	17 16 37	18°47'31	19°17	15°21	18°11	9°58	17°51	17° 7	25°22	10°39	15°10	19°57	18°42	27°40	n.a.	M13
T 14	17 20 34	19°44'40	1♉54	17°30	19°25	10°35	18° 4	17° 4	25°20	10°39	15°11	19°58	18°39	27°47	n.a.	T 14
W15	17 24 30	20°41'51	14°52	19°39	20°39	11°13	18°17	17° 0	25°19	10°39	15°12	19°R59	18°36	27°54	n.a.	W15
T 16	17 28 27	21°39'02	28°14	21°48	21°52	11°51	18°29	16°57	25°17	10°38	15°14	19°59	18°33	28° 1	n.a.	T 16
F 17	17 32 24	22°36'13	11♊58	23°56	23° 6	12°29	18°42	16°54	25°15	10°38	15°15	19°57	18°30	28° 7	n.a.	F 17
S 18	17 36 20	23°33'26	26° 3	26° 3	24°20	13° 7	18°55	16°51	25°13	10°38	15°17	19°54	18°26	28°14	n.a.	S 18
S 19	17 40 17	24°30'38	10♋25	28° 9	25°34	13°44	19° 7	16°48	25°11	10°38	15°18	19°50	18°23	28°21	n.a.	S 19
M20	17 44 13	25°27'52	24°58	0♋14	26°48	14°22	19°20	16°45	25° 9	10°37	15°19	19°45	18°20	28°27	n.a.	M20
T 21	17 48 10	26°25'05	9♌36	2°18	28° 2	15° 0	19°32	16°42	25° 7	10°37	15°21	19°40	18°17	28°34	n.a.	T 21
W22	17 52 6	27°22'19	24°11	4°20	29°16	15°38	19°45	16°39	25° 5	10°37	15°23	19°35	18°14	28°41	n.a.	W22
T 23	17 56 3	28°19'33	8♍39	6°21	0♋30	16°16	19°57	16°36	25° 3	10°37	15°24	19°32	18°11	28°48	n.a.	T 23
F 24	18 0 0	29°16'48	22°55	8°21	1°43	16°54	20° 9	16°34	25° 1	10°37	15°26	19°D31	18° 7	28°54	n.a.	F 24
S 25	18 3 56	0♋14'03	6♎57	10°18	2°57	17°31	20°21	16°31	24°59	10°D37	15°27	19°31	18° 4	29° 1	n.a.	S 25
S 26	18 7 53	1°11'19	20°44	12°14	4°11	18° 9	20°33	16°29	24°57	10°37	15°29	19°32	18° 1	29° 8	n.a.	S 26
M27	18 11 49	2° 8'35	4♏17	14° 9	5°25	18°47	20°46	16°26	24°55	10°37	15°30	19°33	17°58	29°14	n.a.	M27
T 28	18 15 46	3° 5'51	17°35	16° 2	6°39	19°25	20°57	16°24	24°52	10°37	15°32	19°R34	17°55	29°21	n.a.	T 28
W29	18 19 42	4° 3'09	0♐41	17°53	7°53	20° 3	21° 9	16°22	24°50	10°37	15°34	19°33	17°51	29°28	n.a.	W29
T 30	18 23 39	5♋ 0'27	13♐34	19♋42	9♋ 7	20♋41	21♉21	16♏19	24♑48	10♎38	15♌35	19♏31	17♏48	29♒35	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	21n46	18s 9	0n 5	17n 9	1s 6	21n 3	0s 1	24n51	1n11	15n51	0s45	15s23	2n 3	21s50	0s37	2s29	1n59	29n41	13n50	17s59	17s45	8s 4			n.a.
T 2	21 56	19 59	1 18	17 48	0 55	21 19	0n 1	24 50	1 11	15 55	0 45	15 22	2 2	21 50	0 37	2 29	1 59	29 40	13 50	17 59	17 44	8 2			n.a.
F 3	22 5	20 42	2 24	18 28	0 43	21 35	0 4	24 49	1 11	15 59	0 45	15 21	2 2	21 51	0 37	2 29	1 58	29 40	13 49	17 59	17 43	8 0			n.a.
S 4	22 13	20 19	3 23	19 7	0 31	21 50	0 6	24 48	1 11	16 3	0 45	15 20	2 2	21 51	0 37	2 29	1 58	29 39	13 49	17 58	17 42	7 58			n.a.
S 5	22 21	18 56	4 10	19 45	0 19	22 4	0 8	24 47	1 11	16 7	0 45	15 19	2 2	21 51	0 37	2 28	1 58	29 38	13 49	17 57	17 41	7 56			n.a.
M 6	22 29	16 41	4 45	20 22	0 8	22 18	0 11	24 45	1 11	16 11	0 45	15 18	2 2	21 51	0 37	2 28	1 58	29 38	13 48	17 56	17 41	7 53			n.a.
T 7	22 37	13 45	5 6	20 58	0n 3	22 31	0 13	24 44	1 11	16 15	0 45	15 17	2 2	21 52	0 37	2 28	1 58	29 37	13 48	17 56	17 40	7 51			n.a.
W 8	22 44	10 17	5 14	21 33	0 14	22 44	0 15	24 42	1 11	16 18	0 45	15 16	2 2	21 52	0 37	2 28	1 58	29 36	13 48	17 55	17 39	7 49			n.a.
T 9	22 50	6 26	5 8	22 5	0 25	22 56	0 18	24 40	1 11	16 22	0 45	15 15	2 1	21 52	0 37	2 28	1 58	29 36	13 47	17 54	17 38	7 47			n.a.
F 10	22 57	2 21	4 49	22 36	0 35	23 7	0 20	24 38	1 11	16 26	0 45	15 14	2 1	21 53	0 37	2 28	1 58	29 35	13 47	17 54	17 37	7 45			n.a.
S 11	23 2	1n52	4 18	23 5	0 45	23 17	0 22	24 35	1 11	16 30	0 45	15 13	2 1	21 53	0 37	2 28	1 58	29 34	13 47	17 54	17 36	7 43			n.a.
S 12	23 8	6 3	3 34	23 31	0 54	23 27	0 25	24 33	1 11	16 33	0 45	15 13	2 1	21 53	0 37	2 27	1 58	29 34	13 46	17 54	17 35	7 41			n.a.
M13	23 13	10 5	2 40	23 55	1 3	23 36	0 27	24 30	1 11	16 37	0 45	15 12	2 1	21 54	0 37	2 27	1 58	29 33	13 46	17 55	17 34	7 38			n.a.
T 14	23 18	13 47	1 37	24 16	1 10	23 45	0 29	24 27	1 11	16 41	0 45	15 11	2 1	21 54	0 37	2 27	1 58	29 32	13 46	17 55	17 34	7 36			n.a.
W15	23 22	16 55	0 28	24 35	1 18	23 53	0 31	24 24	1 11	16 44	0 45	15 10	2 0	21 54	0 37	2 27	1 58	29 32	13 46	17 56	17 33	7 34			n.a.
T 16	23 26	19 15	0s45	24 50	1 24	24 0	0 33	24 20	1 11	16 48	0 45	15 9	2 0	21 55	0 37	2 27	1 58	29 31	13 45	17 55	17 32	7 32			n.a.
F 17	23 29	20 32	1 57	25 3	1 30	24 6	0 36	24 17	1 11	16 51	0 45	15 9	2 0	21 55	0 37	2 27	1 58	29 30	13 45	17 55	17 31	7 30			n.a.
S 18	23 32	20 34	3 4	25 13	1 35	24 12	0 38	24 13	1 11	16 55	0 45	15 8	2 0	21 56	0 37	2 27	1 58	29 29	13 45	17 54	17 30	7 28			n.a.
S 19	23 35	19 17	4 0	25 20	1 39	24 17	0 40	24 9	1 11	16 58	0 45	15 7	2 0	21 56	0 37	2 27	1 58	29 29	13 44	17 53	17 29	7 25			n.a.
M20	23 37	16 44	4 42	25 25	1 43	24 21	0 42	24 5	1 11	17 2	0 45	15 7	1 59	21 56	0 37	2 27	1 57	29 28	13 44	17 52	17 28	7 23			n.a.
T 21	23 39	13 8	5 6	25 27	1 46	24 25	0 44	24 1	1 11	17 5	0 45	15 6	1 59	21 57	0 37	2 27	1 57	29 27	13 44	17 50	17 27	7 21			n.a.
W22	23 40	8 44	5 9	25 26	1 48	24 28	0 46	23 57	1 11	17 9	0 45	15 5	1 59	21 57	0 37	2 27	1 57	29 27	13 44	17 49	17 26	7 19			n.a.
T 23	23 41	3 53	4 53	25 22	1 50	24 30	0 48	23 52	1 11	17 12	0 45	15 5	1 59	21 58	0 37	2 27	1 57	29 26	13 43	17 48	17 26	7 17			n.a.
F 24	23 42	1s 8	4 19	25 16	1 51	24 31	0 50	23 47	1 11	17 15	0 45	15 4	1 59	21 58	0 37	2 27	1 57	29 25	13 43	17 48	17 25	7 15			n.a.
S 25	23 42	6 0	3 30	25 8	1 51	24 32	0 52	23 42	1 11	17 19	0 45	15 4	1 58	21 58	0 37	2 27	1 57	29 24	13 43	17 48	17 24	7 12			n.a.
S 26	23 41	10 29	2 30	24 57	1 50	24 31	0 54	23 37	1 11	17 22	0 45	15 3	1 58	21 59	0 37	2 27	1 57	29 24	13 43	17 48	17 23	7 10			n.a.
M27	23 41	14 22	1 22	24 45	1 49	24 30	0 56	23 32	1 11	17 25	0 45	15 3	1 58	21 59	0 37	2 27	1 57	29 23	13 43	17 48	17 22	7 8			n.a.
T 28	23 39	17 26	0 11	24 30	1 48	24 29	0 57	23 27	1 11	17 28	0 45	15 2	1 58	22 0	0 37	2 27	1 57	29 22	13 42	17 49	17 21	7 6			n.a.
W29	23 38	19 32	1n 0	24 14	1 46	24 26	0 59	23 21	1 11	17 31	0 45	15 2	1 58	22 0	0 37	2 28	1 57	29 21	13 42	17 48	17 20	7 4			n.a.
T 30	23n36	20s35	2n 6	23n56	1n43	24n23	1n 1	23n15	1n11	17n35	0s45	15s 1	1n57	22s 0	0s37	2s28	1n57	29n21	13n42	17s48	17s19	7s 2			n.a.

Julian Day Number = 1715365.5, Delta T = 02h58m39s
Ecliptic obliquity = 23°41'43, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°17'28, Lahiri = - 4°10'27 Julian Calendar 1 June 17 BCE == Greg. Calendar 30 May 017 BCE

The year -16 astronomical counting style corresponds to year 017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 17 BCE
geocentric

JULY 17 BCE (-16) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 27 35	5♋57'45	26♐16	21♋30	10♋21	21♋19	21♉33	16°R17	24°R46	10♎38	15♌37	19°R26	17♏45	29♒41	n.a.	F 1
S 2	18 31 32	6°55'05	8♑47	23°16	11°35	21°57	21°45	16♏15	24♑44	10°38	15°39	19♏19	17°42	29°48	n.a.	S 2
S 3	18 35 29	7°52'26	21° 8	25° 0	12°49	22°35	21°56	16°13	24°41	10°38	15°41	19°11	17°39	29°55	n.a.	S 3
M 4	18 39 25	8°49'48	3♒19	26°43	14° 3	23°13	22° 8	16°12	24°39	10°39	15°42	19° 2	17°36	0♓ 2	n.a.	M 4
T 5	18 43 22	9°47'11	15°21	28°24	15°17	23°51	22°19	16°10	24°37	10°39	15°44	18°53	17°32	0° 8	n.a.	T 5
W 6	18 47 18	10°44'35	27°17	0♌ 4	16°31	24°29	22°31	16° 8	24°35	10°39	15°46	18°45	17°29	0°15	n.a.	W 6
T 7	18 51 15	11°42'00	9♓ 9	1°42	17°45	25° 7	22°42	16° 7	24°32	10°40	15°48	18°38	17°26	0°22	n.a.	T 7
F 8	18 55 11	12°39'26	21° 0	3°18	18°59	25°45	22°53	16° 5	24°30	10°40	15°50	18°34	17°23	0°28	n.a.	F 8
S 9	18 59 8	13°36'54	2♈56	4°53	20°14	26°23	23° 4	16° 4	24°28	10°41	15°52	18°31	17°20	0°35	n.a.	S 9
S 10	19 3 4	14°34'24	15° 0	6°25	21°28	27° 1	23°15	16° 2	24°25	10°41	15°53	18°D30	17°17	0°42	n.a.	S 10
M11	19 7 1	15°31'55	27°18	7°57	22°42	27°39	23°26	16° 1	24°23	10°42	15°55	18°31	17°13	0°49	n.a.	M11
T 12	19 10 58	16°29'27	9♉54	9°27	23°56	28°17	23°37	16° 0	24°20	10°42	15°57	18°32	17°10	0°55	n.a.	T 12
W13	19 14 54	17°27'01	22°52	10°55	25°10	28°55	23°48	15°59	24°18	10°43	15°59	18°R32	17° 7	1° 2	n.a.	W13
T 14	19 18 51	18°24'37	6♊18	12°21	26°24	29°33	23°58	15°58	24°16	10°43	16° 1	18°31	17° 4	1° 9	n.a.	T 14
F 15	19 22 47	19°22'14	20°10	13°46	27°38	0♌11	24° 9	15°57	24°13	10°44	16° 3	18°27	17° 1	1°15	n.a.	F 15
S 16	19 26 44	20°19'53	4♋30	15° 9	28°53	0°49	24°20	15°57	24°11	10°45	16° 5	18°21	16°57	1°22	n.a.	S 16
S 17	19 30 40	21°17'33	19°11	16°30	0♌ 7	1°28	24°30	15°56	24° 9	10°45	16° 7	18°13	16°54	1°29	n.a.	S 17
M18	19 34 37	22°15'14	4♌ 8	17°49	1°21	2° 6	24°40	15°55	24° 6	10°46	16° 9	18° 4	16°51	1°36	n.a.	M18
T 19	19 38 33	23°12'57	19°10	19° 7	2°35	2°44	24°50	15°55	24° 4	10°47	16°11	17°54	16°48	1°42	n.a.	T 19
W20	19 42 30	24°10'41	4♍ 9	20°22	3°49	3°22	25° 0	15°55	24° 1	10°48	16°13	17°46	16°45	1°49	n.a.	W20
T 21	19 46 27	25° 8'26	18°55	21°36	5° 4	4° 0	25°10	15°54	23°59	10°48	16°15	17°39	16°42	1°56	n.a.	T 21
F 22	19 50 23	26° 6'13	3♎23	22°48	6°18	4°39	25°20	15°54	23°57	10°49	16°17	17°35	16°38	2° 2	n.a.	F 22
S 23	19 54 20	27° 4'01	17°29	23°57	7°32	5°17	25°30	15°D54	23°54	10°50	16°19	17°33	16°35	2° 9	n.a.	S 23
S 24	19 58 16	28° 1'50	1♏13	25° 5	8°46	5°55	25°40	15°54	23°52	10°51	16°21	17°D33	16°32	2°16	n.a.	S 24
M25	20 2 13	28°59'40	14°36	26°10	10° 1	6°33	25°49	15°54	23°49	10°52	16°23	17°R33	16°29	2°23	n.a.	M25
T 26	20 6 9	29°57'31	27°41	27°13	11°15	7°12	25°58	15°54	23°47	10°53	16°25	17°33	16°26	2°29	n.a.	T 26
W27	20 10 6	0♌55'25	10♐30	28°13	12°29	7°50	26° 8	15°55	23°45	10°54	16°27	17°31	16°23	2°36	n.a.	W27
T 28	20 14 2	1°53'19	23° 6	29°10	13°43	8°28	26°17	15°55	23°42	10°55	16°29	17°26	16°19	2°43	n.a.	T 28
F 29	20 17 59	2°51'15	5♑32	0♍ 5	14°58	9° 7	26°26	15°56	23°40	10°56	16°31	17°19	16°16	2°50	n.a.	F 29
S 30	20 21 56	3°49'12	17°48	0°57	16°12	9°45	26°35	15°56	23°38	10°57	16°33	17° 9	16°13	2°56	n.a.	S 30
S 31	20 25 52	4♌47'12	29♑57	1♍45	17♌26	10♌23	26♉44	15♏57	23♑35	10♎58	16♌35	16♏56	16♏10	3♓ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n34	20s34	3n 5	23n36	1n40	24n19	1n 2	23n 9	1n11	17n38	0s45	15s 1	1n57	22s 1	0s37	2s28	1n57	29n20	13n42	17s47	17s18	6s59		n.a.	F 1
S 2	23 31	19 31	3 54	23 14	1 36	24 15	1 4	23 3	1 11	17 41	0 45	15 1	1 57	22 1	0 37	2 28	1 57	29 19	13 42	17 45	17 17	6 57		n.a.	S 2
S 3	23 27	17 33	4 31	22 52	1 32	24 10	1 6	22 57	1 11	17 44	0 45	15 0	1 57	22 2	0 37	2 28	1 57	29 18	13 41	17 42	17 17	6 55		n.a.	S 3
M 4	23 24	14 51	4 55	22 28	1 27	24 3	1 7	22 50	1 11	17 47	0 45	15 0	1 57	22 2	0 37	2 28	1 57	29 18	13 41	17 40	17 16	6 53		n.a.	M 4
T 5	23 20	11 32	5 6	22 2	1 22	23 57	1 9	22 44	1 11	17 50	0 45	15 0	1 56	22 2	0 37	2 29	1 57	29 17	13 41	17 37	17 15	6 51		n.a.	T 5
W 6	23 15	7 48	5 3	21 36	1 16	23 49	1 10	22 37	1 11	17 53	0 45	14 59	1 56	22 3	0 37	2 29	1 56	29 16	13 41	17 35	17 14	6 48		n.a.	W 6
T 7	23 10	3 48	4 47	21 8	1 11	23 41	1 11	22 30	1 11	17 55	0 45	14 59	1 56	22 3	0 37	2 29	1 56	29 15	13 41	17 33	17 13	6 46		n.a.	T 7
F 8	23 5	0n21	4 19	20 40	1 4	23 32	1 13	22 23	1 11	17 58	0 45	14 59	1 56	22 4	0 37	2 29	1 56	29 15	13 40	17 32	17 12	6 44		n.a.	F 8
S 9	22 59	4 32	3 39	20 11	0 58	23 22	1 14	22 15	1 11	18 1	0 45	14 59	1 55	22 4	0 37	2 29	1 56	29 14	13 40	17 31	17 11	6 42		n.a.	S 9
S 10	22 53	8 34	2 50	19 41	0 51	23 12	1 15	22 8	1 11	18 4	0 45	14 59	1 55	22 5	0 37	2 30	1 56	29 13	13 40	17 31	17 10	6 40		n.a.	S 10
M11	22 47	12 21	1 51	19 11	0 44	23 1	1 16	22 0	1 11	18 7	0 45	14 58	1 55	22 5	0 37	2 30	1 56	29 13	13 40	17 31	17 9	6 38		n.a.	M11
T 12	22 40	15 40	0 46	18 40	0 36	22 49	1 18	21 53	1 10	18 9	0 45	14 58	1 55	22 6	0 37	2 30	1 56	29 12	13 40	17 32	17 8	6 35		n.a.	T 12
W13	22 33	18 19	0s23	18 8	0 28	22 37	1 19	21 45	1 10	18 12	0 45	14 58	1 55	22 6	0 37	2 30	1 56	29 11	13 40	17 32	17 8	6 33		n.a.	W13
T 14	22 25	20 3	1 33	17 36	0 20	22 24	1 20	21 36	1 10	18 15	0 45	14 58	1 54	22 6	0 37	2 31	1 56	29 10	13 40	17 31	17 7	6 31		n.a.	T 14
F 15	22 17	20 40	2 40	17 4	0 12	22 10	1 20	21 28	1 10	18 17	0 45	14 58	1 54	22 7	0 37	2 31	1 56	29 10	13 39	17 30	17 6	6 29		n.a.	F 15
S 16	22 8	19 58	3 39	16 31	0 3	21 56	1 21	21 20	1 10	18 20	0 45	14 58	1 54	22 7	0 37	2 31	1 56	29 9	13 39	17 28	17 5	6 27		n.a.	S 16
S 17	21 59	17 55	4 25	15 58	0s 6	21 41	1 22	21 11	1 10	18 23	0 45	14 58	1 54	22 8	0 37	2 32	1 56	29 8	13 39	17 26	17 4	6 25		n.a.	S 17
M18	21 50	14 40	4 54	15 25	0 15	21 25	1 23	21 2	1 10	18 25	0 45	14 58	1 53	22 8	0 37	2 32	1 56	29 7	13 39	17 24	17 3	6 22		n.a.	M18
T 19	21 40	10 26	5 3	14 52	0 24	21 9	1 24	20 54	1 10	18 28	0 45	14 58	1 53	22 9	0 37	2 32	1 56	29 7	13 39	17 21	17 2	6 20		n.a.	T 19
W20	21 30	5 35	4 51	14 19	0 33	20 52	1 24	20 45	1 10	18 30	0 45	14 59	1 53	22 9	0 37	2 33	1 56	29 6	13 39	17 19	17 1	6 18		n.a.	W20
T 21	21 20	0 27	4 19	13 47	0 43	20 34	1 25	20 35	1 10	18 32	0 45	14 59	1 53	22 9	0 38	2 33	1 56	29 5	13 39	17 17	17 0	6 16		n.a.	T 21
F 22	21 9	4s36	3 32	13 14	0 53	20 16	1 25	20 26	1 10	18 35	0 45	14 59	1 52	22 10	0 38	2 34	1 55	29 4	13 39	17 15	16 59	6 14		n.a.	F 22
S 23	20 58	9 17	2 33	12 42	1 2	19 58	1 26	20 17	1 10	18 37	0 45	14 59	1 52	22 10	0 38	2 34	1 55	29 4	13 39	17 15	16 58	6 12		n.a.	S 23
S 24	20 47	13 21	1 26	12 10	1 12	19 38	1 26	20 7	1 10	18 39	0 45	14 59	1 52	22 11	0 38	2 34	1 55	29 3	13 39	17 15	16 57	6 9		n.a.	S 24
M25	20 35	16 38	0 16	11 38	1 22	19 19	1 26	19 57	1 9	18 42	0 45	15 0	1 52	22 11	0 38	2 35	1 55	29 2	13 38	17 15	16 57	6 7		n.a.	M25
T 26	20 23	18 59	0n53	11 7	1 33	18 58	1 27	19 47	1 9	18 44	0 45	15 0	1 51	22 12	0 38	2 35	1 55	29 2	13 38	17 15	16 56	6 5		n.a.	T 26
W27	20 10	20 18	1 58	10 37	1 43	18 37	1 27	19 37	1 9	18 46	0 45	15 0	1 51	22 12	0 38	2 36	1 55	29 1	13 38	17 14	16 55	6 3		n.a.	W27
T 28	19 57	20 35	2 56	10 7	1 53	18 16	1 27	19 27	1 9	18 48	0 45	15 1	1 51	22 12	0 38	2 36	1 55	29 0	13 38	17 13	16 54	6 1		n.a.	T 28
F 29	19 44	19 50	3 45	9 39	2 3	17 54	1 27	19 17	1 9	18 50	0 45	15 1	1 51	22 13	0 38	2 37	1 55	28 59	13 38	17 11	16 53	5 59		n.a.	F 29
S 30	19 30	18 10	4 22	9 11	2 13	17 32	1 27	19 6	1 9	18 52	0 45	15 1	1 50	22 13	0 38	2 37	1 55	28 59	13 38	17 8	16 52	5 56		n.a.	S 30
S 31	19n16	15s42	4n47	8n44	2s23	17n 9	1n27	18n56	1n 9	18n54	0s45	15s 2	1n50	22s14	0s38	2s38	1n55	28n58	13n38	17s 5	16s51	5s54		n.a.	S 31

Julian Day Number = 1715395.5, Delta T = 02h58m38s
Ecliptic obliquity = 23°41'42, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°17'24, Lahiri = - 4°10'23 Julian Calendar 1 July 17 BCE == Greg. Calendar 29 June 017 BCE

The year -16 astronomical counting style corresponds to year 017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 17 BCE
geocentric

AUGUST 17 BCE (-16) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 29 49	5♌45'12	12♒ 0	2♍30	18♌40	11♌ 2	26♉52	15♏58	23°R33	11♎ 0	16♌37	16°R43	16♏ 7	3♓10	n.a.	M 1
T 2	20 33 45	6°43'15	23°57	3°12	19°55	11°40	27° 1	15°59	23♉31	11° 1	16°39	16♏29	16° 3	3°16	n.a.	T 2
W 3	20 37 42	7°41'19	5♓50	3°50	21° 9	12°19	27° 9	16° 0	23°28	11° 2	16°42	16°17	16° 0	3°23	n.a.	W 3
T 4	20 41 38	8°39'25	17°40	4°24	22°23	12°57	27°18	16° 1	23°26	11° 3	16°44	16° 6	15°57	3°30	n.a.	T 4
F 5	20 45 35	9°37'34	29°31	4°53	23°37	13°36	27°26	16° 2	23°24	11° 4	16°46	15°58	15°54	3°37	n.a.	F 5
S 6	20 49 31	10°35'44	11♈26	5°18	24°52	14°14	27°34	16° 3	23°21	11° 6	16°48	15°53	15°51	3°43	n.a.	S 6
S 7	20 53 28	11°33'56	23°29	5°38	26° 6	14°53	27°42	16° 5	23°19	11° 7	16°50	15°50	15°48	3°50	n.a.	S 7
M 8	20 57 25	12°32'11	5♉43	5°53	27°20	15°31	27°49	16° 6	23°17	11° 8	16°52	15°49	15°44	3°57	n.a.	M 8
T 9	21 1 21	13°30'27	18°15	6° 2	28°35	16°10	27°57	16° 8	23°15	11°10	16°54	15°49	15°41	4° 3	n.a.	T 9
W10	21 5 18	14°28'46	1♊10	6°R 6	29°49	16°48	28° 5	16° 9	23°13	11°11	16°56	15°49	15°38	4°10	n.a.	W10
T 11	21 9 14	15°27'07	14°31	6° 3	1♍ 3	17°27	28°12	16°11	23°10	11°13	16°59	15°47	15°35	4°17	n.a.	T 11
F 12	21 13 11	16°25'30	28°22	5°54	2°18	18° 6	28°19	16°13	23° 8	11°14	17° 1	15°43	15°32	4°24	n.a.	F 12
S 13	21 17 7	17°23'56	12♋42	5°39	3°32	18°44	28°26	16°15	23° 6	11°16	17° 3	15°36	15°29	4°30	n.a.	S 13
S 14	21 21 4	18°22'24	27°29	5°17	4°46	19°23	28°33	16°17	23° 4	11°17	17° 5	15°27	15°25	4°37	n.a.	S 14
M15	21 25 0	19°20'53	12♌36	4°48	6° 1	20° 2	28°40	16°19	23° 2	11°19	17° 7	15°16	15°22	4°44	n.a.	M15
T 16	21 28 57	20°19'25	27°53	4°13	7°15	20°40	28°46	16°21	23° 0	11°20	17° 9	15° 5	15°19	4°50	n.a.	T 16
W17	21 32 54	21°17'58	13♍ 9	3°31	8°29	21°19	28°53	16°23	22°58	11°22	17°11	14°54	15°16	4°57	n.a.	W17
T 18	21 36 50	22°16'34	28°12	2°43	9°44	21°58	28°59	16°26	22°56	11°23	17°13	14°46	15°13	5° 4	n.a.	T 18
F 19	21 40 47	23°15'11	12♎55	1°50	10°58	22°37	29° 5	16°28	22°54	11°25	17°16	14°41	15° 9	5°11	n.a.	F 19
S 20	21 44 43	24°13'50	27°12	0°52	12°12	23°15	29°11	16°31	22°52	11°27	17°18	14°38	15° 6	5°17	n.a.	S 20
S 21	21 48 40	25°12'31	11♏ 3	29♌51	13°26	23°54	29°17	16°34	22°50	11°28	17°20	14°D37	15° 3	5°24	n.a.	S 21
M22	21 52 36	26°11'13	24°27	28°47	14°41	24°33	29°23	16°36	22°48	11°30	17°22	14°R37	15° 0	5°31	n.a.	M22
T 23	21 56 33	27° 9'58	7♐28	27°42	15°55	25°12	29°28	16°39	22°46	11°32	17°24	14°37	14°57	5°37	n.a.	T 23
W24	22 0 29	28° 8'44	20°10	26°38	17° 9	25°51	29°33	16°42	22°44	11°33	17°26	14°35	14°54	5°44	n.a.	W24
T 25	22 4 26	29° 7'32	2♑37	25°36	18°24	26°30	29°38	16°45	22°43	11°35	17°28	14°31	14°50	5°51	n.a.	T 25
F 26	22 8 22	0♍ 6'22	14°52	24°38	19°38	27° 9	29°43	16°48	22°41	11°37	17°30	14°24	14°47	5°58	n.a.	F 26
S 27	22 12 19	1° 5'14	26°58	23°46	20°52	27°48	29°48	16°52	22°39	11°39	17°32	14°14	14°44	6° 4	n.a.	S 27
S 28	22 16 16	2° 4'08	8♒59	23° 0	22° 6	28°27	29°53	16°55	22°38	11°41	17°34	14° 3	14°41	6°11	n.a.	S 28
M29	22 20 12	3° 3'03	20°54	22°22	23°21	29° 6	29°57	16°58	22°36	11°42	17°37	13°49	14°38	6°18	n.a.	M29
T 30	22 24 9	4° 2'01	2♓48	21°53	24°35	29°45	0♊ 2	17° 2	22°34	11°44	17°39	13°36	14°35	6°24	n.a.	T 30
W31	22 28 5	5♍ 1'01	14♓39	21♌34	25♍49	0♍24	0♊ 6	17♏ 5	22♉33	11♎46	17♌41	13♏24	14♏31	6♓31	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	19n 2	12s35	4n59	8n18	2s33	16n46	1n27	18n45	1n 9	18n56	0s45	15s 2	1n50	22s14	0s38	2s38	1n55	28n57	13n38	17s 1	16s50	5s52			n.a.
T 2	18 47	9 0	4 58	7 54	2 43	16 22	1 26	18 34	1 9	18 58	0 45	15 3	1 50	22 14	0 38	2 39	1 55	28 57	13 38	16 57	16 49	5 50			n.a.
W 3	18 33	5 5	4 43	7 31	2 53	15 57	1 26	18 23	1 8	19 0	0 45	15 3	1 50	22 15	0 38	2 39	1 55	28 56	13 38	16 53	16 48	5 48			n.a.
T 4	18 17	1 0	4 16	7 10	3 3	15 33	1 26	18 12	1 8	19 2	0 45	15 4	1 49	22 15	0 38	2 40	1 55	28 55	13 38	16 50	16 47	5 46			n.a.
F 5	18 2	3n 9	3 39	6 51	3 12	15 8	1 25	18 1	1 8	19 4	0 45	15 4	1 49	22 16	0 38	2 40	1 55	28 55	13 38	16 48	16 46	5 43			n.a.
S 6	17 46	7 11	2 51	6 33	3 21	14 42	1 25	17 49	1 8	19 6	0 45	15 5	1 49	22 16	0 38	2 41	1 55	28 54	13 38	16 46	16 45	5 41			n.a.
S 7	17 30	11 0	1 55	6 18	3 29	14 16	1 24	17 38	1 8	19 8	0 45	15 6	1 49	22 16	0 38	2 41	1 55	28 53	13 38	16 45	16 45	5 39			n.a.
M 8	17 13	14 24	0 53	6 5	3 37	13 50	1 23	17 26	1 8	19 9	0 45	15 6	1 48	22 17	0 37	2 42	1 55	28 53	13 38	16 45	16 44	5 37			n.a.
T 9	16 57	17 15	0s13	5 55	3 45	13 23	1 23	17 14	1 8	19 11	0 45	15 7	1 48	22 17	0 37	2 43	1 54	28 52	13 38	16 45	16 43	5 35			n.a.
W10	16 40	19 18	1 20	5 48	3 51	12 56	1 22	17 2	1 8	19 13	0 45	15 8	1 48	22 17	0 37	2 43	1 54	28 51	13 38	16 45	16 42	5 33			n.a.
T 11	16 22	20 23	2 25	5 43	3 57	12 29	1 21	16 50	1 7	19 14	0 45	15 8	1 48	22 18	0 37	2 44	1 54	28 51	13 38	16 44	16 41	5 30			n.a.
F 12	16 5	20 17	3 25	5 42	4 2	12 1	1 20	16 38	1 7	19 16	0 45	15 9	1 47	22 18	0 37	2 44	1 54	28 50	13 38	16 43	16 40	5 28			n.a.
S 13	15 47	18 53	4 13	5 44	4 6	11 33	1 19	16 26	1 7	19 17	0 45	15 10	1 47	22 19	0 37	2 45	1 54	28 49	13 39	16 41	16 39	5 26			n.a.
S 14	15 29	16 13	4 46	5 49	4 9	11 5	1 18	16 13	1 7	19 19	0 45	15 11	1 47	22 19	0 37	2 46	1 54	28 49	13 39	16 38	16 38	5 24			n.a.
M15	15 11	12 24	5 0	5 59	4 10	10 36	1 17	16 1	1 7	19 20	0 45	15 12	1 47	22 19	0 37	2 46	1 54	28 48	13 39	16 35	16 37	5 22			n.a.
T 16	14 52	7 45	4 53	6 12	4 10	10 7	1 16	15 48	1 7	19 22	0 45	15 12	1 46	22 20	0 37	2 47	1 54	28 47	13 39	16 32	16 36	5 19			n.a.
W17	14 33	2 37	4 25	6 29	4 8	9 38	1 15	15 36	1 6	19 23	0 45	15 13	1 46	22 20	0 37	2 48	1 54	28 47	13 39	16 29	16 35	5 17			n.a.
T 18	14 14	2s37	3 39	6 49	4 4	9 8	1 14	15 23	1 6	19 25	0 45	15 14	1 46	22 20	0 37	2 48	1 54	28 46	13 39	16 26	16 34	5 15			n.a.
F 19	13 55	7 36	2 39	7 13	3 59	8 39	1 12	15 10	1 6	19 26	0 45	15 15	1 46	22 21	0 37	2 49	1 54	28 46	13 39	16 25	16 33	5 13			n.a.
S 20	13 35	12 0	1 31	7 41	3 51	8 9	1 11	14 57	1 6	19 27	0 45	15 16	1 46	22 21	0 37	2 50	1 54	28 45	13 39	16 24	16 32	5 11			n.a.
S 21	13 15	15 36	0 19	8 12	3 41	7 39	1 9	14 44	1 6	19 28	0 45	15 17	1 45	22 21	0 37	2 50	1 54	28 44	13 39	16 24	16 31	5 9			n.a.
M22	12 55	18 15	0n52	8 45	3 30	7 8	1 8	14 30	1 6	19 30	0 45	15 18	1 45	22 21	0 37	2 51	1 54	28 44	13 39	16 24	16 31	5 6			n.a.
T 23	12 35	19 51	1 58	9 20	3 17	6 38	1 6	14 17	1 5	19 31	0 45	15 19	1 45	22 22	0 37	2 52	1 54	28 43	13 40	16 24	16 30	5 4			n.a.
W24	12 15	20 24	2 56	9 56	3 1	6 7	1 5	14 4	1 5	19 32	0 45	15 20	1 45	22 22	0 37	2 53	1 54	28 43	13 40	16 23	16 29	5 2			n.a.
T 25	11 54	19 55	3 45	10 32	2 45	5 36	1 3	13 50	1 5	19 33	0 45	15 21	1 44	22 22	0 37	2 53	1 54	28 42	13 40	16 22	16 28	5 0			n.a.
F 26	11 33	18 30	4 23	11 9	2 27	5 5	1 1	13 36	1 5	19 34	0 46	15 22	1 44	22 23	0 37	2 54	1 54	28 42	13 40	16 20	16 27	4 58			n.a.
S 27	11 12	16 17	4 48	11 44	2 8	4 34	0 59	13 23	1 5	19 35	0 46	15 23	1 44	22 23	0 37	2 55	1 54	28 41	13 40	16 17	16 26	4 56			n.a.
S 28	10 51	13 23	5 0	12 18	1 48	4 3	0 58	13 9	1 5	19 36	0 46	15 25	1 44	22 23	0 37	2 55	1 54	28 41	13 40	16 13	16 25	4 53			n.a.
M29	10 30	9 58	4 59	12 49	1 28	3 31	0 56	12 55	1 4	19 37	0 46	15 26	1 44	22 23	0 37	2 56	1 54	28 40	13 40	16 9	16 24	4 51			n.a.
T 30	10 8	6 10	4 45	13 17	1 8	3 0	0 54	12 41	1 4	19 38	0 46	15 27	1 43	22 24	0 37	2 57	1 54	28 40	13 41	16 5	16 23	4 49			n.a.
W31	9n46	2s 8	4n18	13n42	0s49	2n28	0n52	12n27	1n 4	19n39	0s46	15s28	1n43	22s24	0s37	2s58	1n54	28n39	13n41	16s 2	16s22	4s47			n.a.

Julian Day Number = 1715426.5, Delta T = 02h58m37s
Ecliptic obliquity = 23°41'42, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°17'19, Lahiri = - 4°10'19 Julian Calendar 1 Aug. 17 BCE == Greg. Calendar 30 July 017 BCE

The year -16 astronomical counting style corresponds to year 017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 17 BCE
geocentric

SEPTEMBER 17 BCE (-16) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 32 2	6♍ 0'03	26♓31	21°D24	27♍ 4	1♍ 3	0♊10	17♏ 9	22°R31	11♎48	17♌43	13°R14	14♏28	6♓38	n.a.	T 1
F 2	22 35 58	6°59'07	8♈25	21♌26	28°18	1°42	0°13	17°12	22♑30	11°50	17°45	13♏ 6	14°25	6°45	n.a.	F 2
S 3	22 39 55	7°58'14	20°23	21°37	29°32	2°21	0°17	17°16	22°28	11°52	17°47	13° 1	14°22	6°51	n.a.	S 3
S 4	22 43 51	8°57'23	2♉29	21°59	0♎46	3° 0	0°20	17°20	22°27	11°54	17°49	12°58	14°19	6°58	n.a.	S 4
M 5	22 47 48	9°56'34	14°45	22°30	2° 0	3°40	0°23	17°24	22°25	11°56	17°51	12°D58	14°15	7° 5	n.a.	M 5
T 6	22 51 45	10°55'48	27°17	23°11	3°15	4°19	0°26	17°28	22°24	11°58	17°53	12°58	14°12	7°11	n.a.	T 6
W 7	22 55 41	11°55'04	10♊ 8	24° 0	4°29	4°58	0°29	17°32	22°23	12° 0	17°55	12°R59	14° 9	7°18	n.a.	W 7
T 8	22 59 38	12°54'22	23°23	24°57	5°43	5°37	0°32	17°36	22°21	12° 2	17°57	12°58	14° 6	7°25	n.a.	T 8
F 9	23 3 34	13°53'43	7♋ 5	26° 2	6°57	6°17	0°34	17°41	22°20	12° 4	17°59	12°56	14° 3	7°32	n.a.	F 9
S 10	23 7 31	14°53'07	21°15	27°12	8°12	6°56	0°37	17°45	22°19	12° 6	18° 1	12°51	14° 0	7°38	n.a.	S 10
S 11	23 11 27	15°52'33	5♌53	28°28	9°26	7°35	0°39	17°49	22°18	12° 8	18° 3	12°45	13°56	7°45	n.a.	S 11
M12	23 15 24	16°52'01	20°53	29°50	10°40	8°15	0°40	17°54	22°17	12°10	18° 5	12°36	13°53	7°52	n.a.	M12
T 13	23 19 20	17°51'31	6♍ 7	1♍15	11°54	8°54	0°42	17°58	22°16	12°12	18° 7	12°28	13°50	7°58	n.a.	T 13
W14	23 23 17	18°51'04	21°25	2°44	13° 8	9°34	0°43	18° 3	22°15	12°14	18° 8	12°20	13°47	8° 5	n.a.	W14
T 15	23 27 13	19°50'38	6♎35	4°16	14°22	10°13	0°45	18° 8	22°14	12°16	18°10	12°13	13°44	8°12	n.a.	T 15
F 16	23 31 10	20°50'15	21°28	5°51	15°37	10°53	0°46	18°12	22°13	12°18	18°12	12° 9	13°40	8°19	n.a.	F 16
S 17	23 35 7	21°49'54	5♏56	7°27	16°51	11°32	0°47	18°17	22°12	12°20	18°14	12°D 8	13°37	8°25	n.a.	S 17
S 18	23 39 3	22°49'34	19°57	9° 5	18° 5	12°12	0°47	18°22	22°11	12°23	18°16	12° 8	13°34	8°32	n.a.	S 18
M19	23 43 0	23°49'17	3♐29	10°45	19°19	12°51	0°48	18°27	22°10	12°25	18°18	12° 9	13°31	8°39	n.a.	M19
T 20	23 46 56	24°49'01	16°36	12°25	20°33	13°31	0°48	18°32	22°10	12°27	18°19	12°10	13°28	8°45	n.a.	T 20
W21	23 50 53	25°48'47	29°19	14° 6	21°47	14°10	0°R48	18°37	22° 9	12°29	18°21	12°R10	13°25	8°52	n.a.	W21
T 22	23 54 49	26°48'35	11♑45	15°48	23° 1	14°50	0°48	18°42	22° 8	12°31	18°23	12° 9	13°21	8°59	n.a.	T 22
F 23	23 58 46	27°48'25	23°56	17°30	24°15	15°30	0°48	18°47	22° 8	12°33	18°25	12° 6	13°18	9° 5	n.a.	F 23
S 24	0 2 42	28°48'16	5♒57	19°12	25°29	16° 9	0°47	18°53	22° 7	12°36	18°26	12° 0	13°15	9°12	n.a.	S 24
S 25	0 6 39	29°48'10	17°53	20°54	26°44	16°49	0°46	18°58	22° 7	12°38	18°28	11°53	13°12	9°19	n.a.	S 25
M26	0 10 36	0♎48'05	29°45	22°36	27°58	17°29	0°45	19° 3	22° 6	12°40	18°30	11°46	13° 9	9°26	n.a.	M26
T 27	0 14 32	1°48'02	11♓36	24°17	29°12	18° 9	0°44	19° 9	22° 6	12°42	18°32	11°38	13° 6	9°32	n.a.	T 27
W28	0 18 29	2°48'01	23°30	25°59	0♏26	18°49	0°43	19°14	22° 6	12°44	18°33	11°30	13° 2	9°39	n.a.	W28
T 29	0 22 25	3°48'01	5♈26	27°40	1°40	19°28	0°41	19°20	22° 6	12°47	18°35	11°24	12°59	9°46	n.a.	T 29
F 30	0 26 22	4♎48'04	17♈27	29♍21	2♏54	20♍ 8	0♊40	19♏26	22♑ 5	12♎49	18♌36	11♏20	12♏56	9♓52	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9n24	1n58	3n41	14n 3	0s30	1n56	0n50	12n13	1n 4	19n39	0s46	15s29	1n43	22s24	0s37	2s59	1n53	28n39	13n41	15s59	16s21	4s45		n.a.
F 2	9 2	6 1	2 53	14 20	0 12	1 25	0 48	11 58	1 4	19 40	0 46	15 31	1 43	22 24	0 37	2 59	1 53	28 38	13 41	15 56	16 20	4 43		n.a.
S 3	8 40	9 51	1 57	14 32	0n 6	0 53	0 45	11 44	1 3	19 41	0 46	15 32	1 42	22 25	0 37	3 0	1 53	28 38	13 41	15 55	16 19	4 40		n.a.
S 4	8 18	13 20	0 56	14 40	0 22	0 21	0 43	11 29	1 3	19 42	0 46	15 33	1 42	22 25	0 37	3 1	1 53	28 37	13 42	15 54	16 18	4 38		n.a.
M 5	7 55	16 17	0s10	14 44	0 37	0s11	0 41	11 15	1 3	19 42	0 46	15 35	1 42	22 25	0 37	3 2	1 53	28 37	13 42	15 54	16 17	4 36		n.a.
T 6	7 33	18 32	1 16	14 44	0 50	0 43	0 39	11 0	1 3	19 43	0 46	15 36	1 42	22 25	0 37	3 3	1 53	28 36	13 42	15 54	16 16	4 34		n.a.
W 7	7 10	19 54	2 20	14 39	1 3	1 15	0 36	10 45	1 2	19 43	0 46	15 37	1 42	22 25	0 37	3 3	1 53	28 36	13 42	15 54	16 15	4 32		n.a.
T 8	6 47	20 13	3 19	14 30	1 14	1 47	0 34	10 31	1 2	19 44	0 46	15 39	1 41	22 26	0 37	3 4	1 53	28 35	13 42	15 54	16 14	4 30		n.a.
F 9	6 24	19 22	4 8	14 17	1 23	2 18	0 32	10 16	1 2	19 44	0 46	15 40	1 41	22 26	0 37	3 5	1 53	28 35	13 43	15 53	16 13	4 27		n.a.
S 10	6 1	17 19	4 44	14 0	1 32	2 50	0 29	10 1	1 2	19 45	0 46	15 41	1 41	22 26	0 37	3 6	1 53	28 34	13 43	15 52	16 12	4 25		n.a.
S 11	5 38	14 6	5 3	13 40	1 39	3 22	0 27	9 46	1 2	19 45	0 46	15 43	1 41	22 26	0 37	3 7	1 53	28 34	13 43	15 50	16 12	4 23		n.a.
M12	5 14	9 55	5 2	13 17	1 45	3 54	0 24	9 31	1 1	19 46	0 46	15 44	1 41	22 26	0 37	3 7	1 53	28 34	13 43	15 47	16 11	4 21		n.a.
T 13	4 51	5 2	4 40	12 51	1 49	4 25	0 22	9 16	1 1	19 46	0 46	15 46	1 40	22 26	0 37	3 8	1 53	28 33	13 44	15 45	16 10	4 19		n.a.
W14	4 27	0s12	3 58	12 22	1 53	4 57	0 19	9 0	1 1	19 46	0 46	15 47	1 40	22 27	0 37	3 9	1 53	28 33	13 44	15 42	16 9	4 17		n.a.
T 15	4 4	5 22	2 59	11 50	1 56	5 28	0 16	8 45	1 1	19 46	0 46	15 49	1 40	22 27	0 37	3 10	1 53	28 33	13 44	15 40	16 8	4 15		n.a.
F 16	3 40	10 8	1 49	11 17	1 57	6 0	0 14	8 30	1 0	19 47	0 46	15 50	1 40	22 27	0 37	3 11	1 53	28 32	13 45	15 39	16 7	4 12		n.a.
S 17	3 16	14 10	0 33	10 41	1 58	6 31	0 11	8 14	1 0	19 47	0 46	15 52	1 40	22 27	0 37	3 12	1 53	28 32	13 45	15 38	16 6	4 10		n.a.
S 18	2 53	17 14	0n42	10 4	1 58	7 2	0 8	7 59	1 0	19 47	0 46	15 53	1 40	22 27	0 37	3 13	1 53	28 32	13 45	15 38	16 5	4 8		n.a.
M19	2 29	19 14	1 53	9 26	1 58	7 33	0 6	7 43	1 0	19 47	0 46	15 55	1 39	22 27	0 37	3 13	1 53	28 31	13 45	15 39	16 4	4 6		n.a.
T 20	2 5	20 6	2 55	8 46	1 56	8 4	0 3	7 28	0 59	19 47	0 46	15 56	1 39	22 27	0 37	3 14	1 53	28 31	13 46	15 39	16 3	4 4		n.a.
W21	1 41	19 55	3 47	8 5	1 54	8 35	0 0	7 12	0 59	19 47	0 46	15 58	1 39	22 27	0 37	3 15	1 53	28 31	13 46	15 39	16 2	4 2		n.a.
T 22	1 17	18 44	4 27	7 22	1 52	9 5	0s 3	6 56	0 59	19 47	0 46	15 59	1 39	22 27	0 37	3 16	1 53	28 30	13 46	15 39	16 1	3 59		n.a.
F 23	0 53	16 44	4 54	6 40	1 49	9 35	0 5	6 40	0 58	19 47	0 46	16 1	1 39	22 28	0 37	3 17	1 53	28 30	13 47	15 38	16 0	3 57		n.a.
S 24	0 29	14 1	5 7	5 56	1 45	10 5	0 8	6 25	0 58	19 47	0 46	16 3	1 38	22 28	0 37	3 18	1 53	28 30	13 47	15 36	15 59	3 55		n.a.
S 25	0 5	10 46	5 7	5 12	1 42	10 35	0 11	6 9	0 58	19 47	0 46	16 4	1 38	22 28	0 37	3 19	1 53	28 30	13 47	15 34	15 58	3 53		n.a.
M26	0s19	7 6	4 54	4 27	1 37	11 4	0 14	5 53	0 58	19 46	0 46	16 6	1 38	22 28	0 37	3 20	1 53	28 29	13 48	15 32	15 57	3 51		n.a.
T 27	0 43	3 9	4 28	3 42	1 33	11 34	0 17	5 37	0 57	19 46	0 46	16 8	1 38	22 28	0 37	3 20	1 53	28 29	13 48	15 29	15 56	3 49		n.a.
W28	1 7	0n55	3 51	2 57	1 28	12 3	0 19	5 21	0 57	19 46	0 46	16 9	1 38	22 28	0 37	3 21	1 53	28 29	13 48	15 27	15 55	3 46		n.a.
T 29	1 32	4 58	3 3	2 12	1 23	12 31	0 22	5 5	0 57	19 45	0 46	16 11	1 38	22 28	0 37	3 22	1 53	28 29	13 49	15 25	15 54	3 44		n.a.
F 30	1s56	8n52	2n 6	1n26	1n17	13s 0	0s25	4n49	0n56	19n45	0s46	16s13	1n37	22s28	0s37	3s23	1n53	28n28	13n49	15s23	15s53	3s42		n.a.

Julian Day Number = 1715457.5, Delta T = 02h58m36s
Ecliptic obliquity = 23°41'43, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°17'15, Lahiri = - 4°10'15 Julian Calendar 1 Sept. 17 BCE == Greg. Calendar 30 Aug. 017 BCE

The year -16 astronomical counting style corresponds to year 017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 17 BCE
geocentric

OCTOBER 17 BCE (-16) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 30 18	5♎48'09	29♈35	1♎ 1	4♏ 7	20♍48	0°R38	19♏31	22°R 5	12♎51	18♌38	11°R17	12♏53	9♓59	n.a.	S 1
S 2	0 34 15	6°48'16	11♉51	2°41	5°21	21°28	0♊35	19°37	22♑ 5	12°53	18°40	11°D17	12°50	10° 6	n.a.	S 2
M 3	0 38 11	7°48'25	24°17	4°21	6°35	22° 8	0°33	19°43	22° 5	12°56	18°41	11♏17	12°46	10°13	n.a.	M 3
T 4	0 42 8	8°48'36	6♊57	6° 0	7°49	22°48	0°31	19°49	22°D 5	12°58	18°43	11°19	12°43	10°19	n.a.	T 4
W 5	0 46 4	9°48'50	19°52	7°39	9° 3	23°28	0°28	19°55	22° 5	13° 0	18°44	11°20	12°40	10°26	n.a.	W 5
T 6	0 50 1	10°49'05	3♋ 6	9°17	10°17	24° 8	0°25	20° 0	22° 5	13° 2	18°46	11°22	12°37	10°33	n.a.	T 6
F 7	0 53 58	11°49'23	16°42	10°55	11°31	24°48	0°22	20° 6	22° 5	13° 5	18°47	11°R22	12°34	10°39	n.a.	F 7
S 8	0 57 54	12°49'43	0♌40	12°33	12°45	25°29	0°18	20°12	22° 5	13° 7	18°49	11°21	12°31	10°46	n.a.	S 8
S 9	1 1 51	13°50'05	15° 1	14°10	13°59	26° 9	0°15	20°19	22° 6	13° 9	18°50	11°18	12°27	10°53	n.a.	S 9
M10	1 5 47	14°50'29	29°41	15°46	15°12	26°49	0°11	20°25	22° 6	13°11	18°51	11°15	12°24	11° 0	n.a.	M10
T 11	1 9 44	15°50'55	14♍36	17°23	16°26	27°29	0° 7	20°31	22° 6	13°14	18°53	11°11	12°21	11° 6	n.a.	T 11
W12	1 13 40	16°51'23	29°37	18°59	17°40	28° 9	0° 3	20°37	22° 7	13°16	18°54	11° 8	12°18	11°13	n.a.	W12
T 13	1 17 37	17°51'52	14♎37	20°34	18°54	28°50	29♉59	20°43	22° 7	13°18	18°55	11° 5	12°15	11°20	n.a.	T 13
F 14	1 21 33	18°52'24	29°25	22° 9	20° 8	29°30	29°54	20°50	22° 7	13°20	18°57	11° 4	12°11	11°26	n.a.	F 14
S 15	1 25 30	19°52'57	13♏55	23°44	21°21	0♎10	29°50	20°56	22° 8	13°23	18°58	11°D 3	12° 8	11°33	n.a.	S 15
S 16	1 29 27	20°53'32	28° 1	25°19	22°35	0°51	29°45	21° 2	22° 9	13°25	18°59	11° 4	12° 5	11°40	n.a.	S 16
M17	1 33 23	21°54'08	11♐41	26°53	23°49	1°31	29°40	21° 9	22° 9	13°27	19° 0	11° 5	12° 2	11°46	n.a.	M17
T 18	1 37 20	22°54'46	24°55	28°27	25° 3	2°12	29°35	21°15	22°10	13°29	19° 1	11° 7	11°59	11°53	n.a.	T 18
W19	1 41 16	23°55'25	7♑45	0♏ 1	26°16	2°52	29°30	21°22	22°11	13°32	19° 2	11° 8	11°56	12° 0	n.a.	W19
T 20	1 45 13	24°56'05	20°14	1°35	27°30	3°33	29°24	21°28	22°12	13°34	19° 4	11°R 8	11°52	12° 7	n.a.	T 20
F 21	1 49 9	25°56'46	2♒27	3° 8	28°43	4°13	29°18	21°35	22°12	13°36	19° 5	11° 8	11°49	12°13	n.a.	F 21
S 22	1 53 6	26°57'29	14°28	4°41	29°57	4°54	29°13	21°41	22°13	13°38	19° 6	11° 8	11°46	12°20	n.a.	S 22
S 23	1 57 2	27°58'13	26°22	6°14	1♐11	5°34	29° 7	21°48	22°14	13°40	19° 7	11° 6	11°43	12°27	n.a.	S 23
M24	2 0 59	28°58'58	8♓13	7°47	2°24	6°15	29° 1	21°55	22°15	13°43	19° 8	11° 5	11°40	12°33	n.a.	M24
T 25	2 4 56	29°59'44	20° 5	9°19	3°38	6°56	28°54	22° 1	22°16	13°45	19° 9	11° 3	11°37	12°40	n.a.	T 25
W26	2 8 52	1♏ 0'31	2♈ 1	10°52	4°51	7°36	28°48	22° 8	22°17	13°47	19°10	11° 1	11°33	12°47	n.a.	W26
T 27	2 12 49	2° 1'20	14° 4	12°24	6° 5	8°17	28°42	22°15	22°19	13°49	19°10	11° 0	11°30	12°53	n.a.	T 27
F 28	2 16 45	3° 2'10	26°15	13°56	7°18	8°58	28°35	22°22	22°20	13°51	19°11	10°59	11°27	13° 0	n.a.	F 28
S 29	2 20 42	4° 3'01	8♉37	15°28	8°31	9°39	28°28	22°28	22°21	13°53	19°12	10°D59	11°24	13° 7	n.a.	S 29
S 30	2 24 38	5° 3'54	21°10	16°59	9°45	10°19	28°21	22°35	22°22	13°56	19°13	10°59	11°21	13°14	n.a.	S 30
M31	2 28 35	6♏ 4'48	3♊55	18♏31	10♐58	11♎ 0	28♉14	22♏42	22♑24	13♎58	19♌14	10♏59	11♏17	13♓20	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s20	12n26	1n 3	0n41	1n12	13s28	0s28	4n32	0n56	19n45	0s46	16s14	1n37	22s28	0s37	3s24	1n53	28n28	13n50	15s23	15s52	3s40		n.a.
S 2	2 44	15 30	0s 3	0s 4	1 6	13 56	0 31	4 16	0 56	19 44	0 46	16 16	1 37	22 28	0 37	3 25	1 53	28 28	13 50	15 22	15 51	3 38		n.a.
M 3	3 8	17 54	1 11	0 50	1 0	14 23	0 34	4 0	0 56	19 44	0 46	16 18	1 37	22 28	0 37	3 26	1 53	28 28	13 50	15 23	15 50	3 36		n.a.
T 4	3 32	19 28	2 16	1 35	0 54	14 50	0 36	3 44	0 55	19 43	0 46	16 19	1 37	22 28	0 36	3 27	1 53	28 28	13 51	15 23	15 49	3 33		n.a.
W 5	3 56	20 3	3 16	2 20	0 48	15 17	0 39	3 27	0 55	19 43	0 46	16 21	1 37	22 28	0 36	3 27	1 53	28 28	13 51	15 24	15 48	3 31		n.a.
T 6	4 20	19 33	4 7	3 5	0 41	15 44	0 42	3 11	0 55	19 42	0 46	16 23	1 37	22 28	0 36	3 28	1 53	28 28	13 51	15 24	15 47	3 29		n.a.
F 7	4 43	17 55	4 45	3 50	0 35	16 10	0 45	2 55	0 54	19 41	0 46	16 25	1 36	22 28	0 36	3 29	1 53	28 27	13 52	15 24	15 46	3 27		n.a.
S 8	5 7	15 12	5 8	4 34	0 28	16 35	0 48	2 38	0 54	19 41	0 46	16 26	1 36	22 28	0 36	3 30	1 53	28 27	13 52	15 24	15 45	3 25		n.a.
S 9	5 31	11 31	5 13	5 18	0 22	17 0	0 50	2 22	0 54	19 40	0 46	16 28	1 36	22 28	0 36	3 31	1 53	28 27	13 53	15 23	15 44	3 23		n.a.
M10	5 55	7 3	4 58	6 2	0 15	17 25	0 53	2 6	0 53	19 39	0 46	16 30	1 36	22 27	0 36	3 32	1 53	28 27	13 53	15 22	15 43	3 21		n.a.
T 11	6 18	2 6	4 22	6 46	0 9	17 49	0 56	1 49	0 53	19 38	0 46	16 32	1 36	22 27	0 36	3 33	1 53	28 27	13 54	15 21	15 42	3 18		n.a.
W12	6 42	3s 2	3 29	7 29	0 2	18 13	0 59	1 33	0 53	19 37	0 46	16 34	1 36	22 27	0 36	3 34	1 53	28 27	13 54	15 20	15 41	3 16		n.a.
T 13	7 5	7 58	2 21	8 11	0s 4	18 37	1 1	1 16	0 52	19 37	0 46	16 35	1 36	22 27	0 36	3 34	1 53	28 27	13 54	15 19	15 40	3 14		n.a.
F 14	7 28	12 23	1 4	8 53	0 11	18 59	1 4	1 0	0 52	19 36	0 46	16 37	1 35	22 27	0 36	3 35	1 53	28 27	13 55	15 18	15 39	3 12		n.a.
S 15	7 51	15 56	0n16	9 35	0 18	19 22	1 7	0 43	0 52	19 35	0 46	16 39	1 35	22 27	0 36	3 36	1 53	28 27	13 55	15 18	15 39	3 10		n.a.
S 16	8 14	18 26	1 32	10 16	0 24	19 44	1 9	0 26	0 51	19 34	0 46	16 41	1 35	22 27	0 36	3 37	1 53	28 27	13 56	15 18	15 38	3 8		n.a.
M17	8 37	19 46	2 41	10 57	0 31	20 5	1 12	0 10	0 51	19 33	0 46	16 43	1 35	22 27	0 36	3 38	1 53	28 27	13 56	15 19	15 37	3 5		n.a.
T 18	9 0	19 57	3 39	11 37	0 37	20 26	1 14	0s 7	0 50	19 32	0 46	16 44	1 35	22 27	0 36	3 39	1 53	28 27	13 57	15 19	15 36	3 3		n.a.
W19	9 23	19 4	4 24	12 16	0 43	20 46	1 17	0 23	0 50	19 30	0 46	16 46	1 35	22 26	0 36	3 40	1 53	28 27	13 57	15 20	15 35	3 1		n.a.
T 20	9 45	17 17	4 56	12 55	0 50	21 6	1 19	0 40	0 50	19 29	0 46	16 48	1 35	22 26	0 36	3 41	1 53	28 27	13 57	15 20	15 34	2 59		n.a.
F 21	10 8	14 45	5 13	13 34	0 56	21 25	1 22	0 56	0 49	19 28	0 46	16 50	1 35	22 26	0 36	3 41	1 53	28 27	13 58	15 20	15 33	2 57		n.a.
S 22	10 30	11 38	5 16	14 11	1 2	21 44	1 24	1 13	0 49	19 27	0 46	16 52	1 34	22 26	0 36	3 42	1 53	28 27	13 58	15 20	15 32	2 55		n.a.
S 23	10 52	8 5	5 5	14 48	1 8	22 2	1 27	1 30	0 49	19 26	0 46	16 54	1 34	22 26	0 36	3 43	1 53	28 27	13 59	15 19	15 31	2 53		n.a.
M24	11 14	4 13	4 42	15 25	1 14	22 19	1 29	1 46	0 48	19 24	0 46	16 55	1 34	22 26	0 36	3 44	1 53	28 28	13 59	15 19	15 30	2 50		n.a.
T 25	11 35	0 12	4 6	16 0	1 19	22 36	1 31	2 3	0 48	19 23	0 46	16 57	1 34	22 25	0 36	3 45	1 53	28 28	14 0	15 18	15 29	2 48		n.a.
W26	11 57	3n51	3 20	16 35	1 25	22 52	1 33	2 19	0 47	19 22	0 46	16 59	1 34	22 25	0 36	3 46	1 53	28 28	14 0	15 18	15 28	2 46		n.a.
T 27	12 18	7 49	2 24	17 9	1 30	23 7	1 35	2 36	0 47	19 20	0 46	17 1	1 34	22 25	0 36	3 46	1 53	28 28	14 1	15 17	15 27	2 44		n.a.
F 28	12 39	11 30	1 21	17 42	1 35	23 22	1 38	2 53	0 47	19 19	0 46	17 3	1 34	22 25	0 36	3 47	1 53	28 28	14 1	15 17	15 26	2 42		n.a.
S 29	13 0	14 44	0 13	18 15	1 40	23 36	1 40	3 9	0 46	19 18	0 46	17 5	1 34	22 25	0 36	3 48	1 53	28 28	14 2	15 17	15 25	2 40		n.a.
S 30	13 21	17 20	0s56	18 46	1 45	23 49	1 42	3 26	0 46	19 16	0 45	17 6	1 34	22 24	0 36	3 49	1 53	28 28	14 2	15 17	15 24	2 38		n.a.
M31	13s41	19n 8	2s 4	19s16	1s50	24s 2	1s44	3s42	0n45	19n15	0s45	17s 8	1n34	22s24	0s36	3s50	1n53	28n29	14n 3	15s17	15s23	2s35		n.a.

Julian Day Number = 1715487.5, Delta T = 02h58m35s
Ecliptic obliquity = 23°41'43, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°17'11, Lahiri = - 4°10'11 Julian Calendar 1 Oct. 17 BCE == Greg. Calendar 29 Sept. 017 BCE

The year -16 astronomical counting style corresponds to year 017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 17 BCE
geocentric

NOVEMBER 17 BCE (-16) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 32 31	7♏ 5'43	16♊53	20♏ 2	12♐11	11♎41	28°R 7	22♏49	22♑25	14♎ 0	19♌15	11♏ 0	11♏14	13♓27	n.a.	T 1
W 2	2 36 28	8° 6'40	0♋ 4	21°33	13°25	12°22	28♉ 0	22°56	22°26	14° 2	19°15	11° 0	11°11	13°34	n.a.	W 2
T 3	2 40 25	9° 7'38	13°30	23° 4	14°38	13° 3	27°53	23° 3	22°28	14° 4	19°16	11° 0	11° 8	13°40	n.a.	T 3
F 4	2 44 21	10° 8'37	27°10	24°34	15°51	13°44	27°45	23°10	22°30	14° 6	19°17	11° 0	11° 5	13°47	n.a.	F 4
S 5	2 48 18	11° 9'38	11♌ 4	26° 4	17° 4	14°25	27°38	23°17	22°31	14° 8	19°17	11° 0	11° 2	13°54	n.a.	S 5
S 6	2 52 14	12°10'40	25°12	27°34	18°17	15° 6	27°30	23°24	22°33	14°10	19°18	11° 1	10°58	14° 0	n.a.	S 6
M 7	2 56 11	13°11'43	9♍31	29° 3	19°30	15°47	27°22	23°30	22°34	14°12	19°18	11° 1	10°55	14° 7	n.a.	M 7
T 8	3 0 7	14°12'47	24° 0	0♐32	20°43	16°28	27°15	23°37	22°36	14°14	19°19	11° 1	10°52	14°14	n.a.	T 8
W 9	3 4 4	15°13'53	8♎34	2° 0	21°56	17° 9	27° 7	23°44	22°38	14°16	19°19	11° 1	10°49	14°21	n.a.	W 9
T 10	3 8 0	16°15'00	23° 7	3°27	23° 9	17°51	26°59	23°51	22°40	14°18	19°20	11° 2	10°46	14°27	n.a.	T 10
F 11	3 11 57	17°16'08	7♏34	4°54	24°22	18°32	26°51	23°58	22°42	14°20	19°20	11°R 2	10°43	14°34	n.a.	F 11
S 12	3 15 54	18°17'16	21°50	6°19	25°35	19°13	26°43	24° 5	22°43	14°22	19°21	11° 2	10°39	14°41	n.a.	S 12
S 13	3 19 50	19°18'26	5♐48	7°43	26°48	19°54	26°35	24°13	22°45	14°24	19°21	11° 1	10°36	14°47	n.a.	S 13
M14	3 23 47	20°19'36	19°26	9° 6	28° 1	20°36	26°27	24°20	22°47	14°26	19°21	11° 0	10°33	14°54	n.a.	M14
T 15	3 27 43	21°20'47	2♑42	10°27	29°14	21°17	26°19	24°27	22°49	14°28	19°22	10°59	10°30	15° 1	n.a.	T 15
W16	3 31 40	22°21'58	15°36	11°46	0♑26	21°58	26°11	24°34	22°52	14°30	19°22	10°57	10°27	15° 7	n.a.	W16
T 17	3 35 36	23°23'10	28°10	13° 2	1°39	22°40	26° 2	24°41	22°54	14°32	19°22	10°56	10°23	15°14	n.a.	T 17
F 18	3 39 33	24°24'21	10♒26	14°16	2°52	23°21	25°54	24°48	22°56	14°33	19°22	10°55	10°20	15°21	n.a.	F 18
S 19	3 43 29	25°25'34	22°29	15°27	4° 4	24° 3	25°46	24°55	22°58	14°35	19°22	10°D54	10°17	15°28	n.a.	S 19
S 20	3 47 26	26°26'46	4♓24	16°34	5°17	24°44	25°38	25° 2	23° 0	14°37	19°23	10°54	10°14	15°34	n.a.	S 20
M21	3 51 23	27°27'58	16°15	17°37	6°29	25°26	25°30	25° 9	23° 3	14°39	19°23	10°55	10°11	15°41	n.a.	M21
T 22	3 55 19	28°29'11	28° 7	18°34	7°41	26° 7	25°22	25°16	23° 5	14°41	19°23	10°57	10° 8	15°48	n.a.	T 22
W23	3 59 16	29°30'24	10♈ 4	19°26	8°54	26°49	25°13	25°23	23° 7	14°42	19°R23	10°58	10° 4	15°54	n.a.	W23
T 24	4 3 12	0♐31'37	22°12	20°12	10° 6	27°30	25° 5	25°30	23°10	14°44	19°23	11° 0	10° 1	16° 1	n.a.	T 24
F 25	4 7 9	1°32'50	4♉31	20°50	11°18	28°12	24°57	25°37	23°12	14°46	19°23	11° 1	9°58	16° 8	n.a.	F 25
S 26	4 11 5	2°34'03	17° 7	21°19	12°30	28°54	24°49	25°44	23°14	14°47	19°23	11°R 1	9°55	16°14	n.a.	S 26
S 27	4 15 2	3°35'17	29°58	21°40	13°42	29°35	24°41	25°51	23°17	14°49	19°23	11° 0	9°52	16°21	n.a.	S 27
M28	4 18 58	4°36'31	13♊ 7	21°R51	14°54	0♏17	24°33	25°58	23°20	14°51	19°22	10°57	9°48	16°28	n.a.	M28
T 29	4 22 55	5°37'45	26°31	21°50	16° 6	0°59	24°25	26° 5	23°22	14°52	19°22	10°54	9°45	16°35	n.a.	T 29
W30	4 26 52	6♐38'59	10♋ 9	21♐39	17♑17	1♏41	24♉18	26♏12	23♑25	14♎54	19♌22	10♏50	9♏42	16♓41	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s 2	19n57	3s 6	19s46	1s54	24s14	1s45	3s59	0n45	19n13	0s45	17s10	1n33	22s24	0s36	3s50	1n53	28n29	14n 3	15s17	15s22	2s33		n.a.
W 2	14 22	19 41	4 0	20 14	1 58	24 26	1 47	4 15	0 45	19 11	0 45	17 12	1 33	22 23	0 36	3 51	1 53	28 29	14 4	15 17	15 21	2 31		n.a.
T 3	14 41	18 20	4 42	20 42	2 2	24 36	1 49	4 32	0 44	19 10	0 45	17 14	1 33	22 23	0 36	3 52	1 53	28 29	14 4	15 17	15 20	2 29		n.a.
F 4	15 1	15 54	5 8	21 8	2 5	24 46	1 51	4 48	0 44	19 8	0 45	17 16	1 33	22 23	0 36	3 53	1 53	28 30	14 5	15 17	15 19	2 27		n.a.
S 5	15 20	12 33	5 18	21 33	2 8	24 55	1 52	5 5	0 43	19 7	0 45	17 17	1 33	22 23	0 36	3 54	1 53	28 30	14 5	15 17	15 18	2 25		n.a.
S 6	15 39	8 26	5 8	21 57	2 11	25 4	1 54	5 21	0 43	19 5	0 45	17 19	1 33	22 22	0 36	3 54	1 53	28 30	14 6	15 17	15 17	2 23		n.a.
M 7	15 58	3 46	4 39	22 20	2 14	25 12	1 55	5 38	0 42	19 3	0 45	17 21	1 33	22 22	0 36	3 55	1 53	28 30	14 6	15 17	15 16	2 20		n.a.
T 8	16 16	1s 9	3 53	22 42	2 16	25 19	1 57	5 54	0 42	19 2	0 45	17 23	1 33	22 22	0 36	3 56	1 53	28 31	14 7	15 17	15 15	2 18		n.a.
W 9	16 35	6 2	2 51	23 2	2 17	25 25	1 58	6 10	0 41	19 0	0 45	17 25	1 33	22 21	0 36	3 57	1 53	28 31	14 7	15 18	15 14	2 16		n.a.
T 10	16 53	10 35	1 38	23 20	2 19	25 30	1 59	6 27	0 41	18 58	0 44	17 26	1 33	22 21	0 36	3 57	1 53	28 31	14 8	15 18	15 13	2 14		n.a.
F 11	17 10	14 29	0 19	23 37	2 19	25 35	2 1	6 43	0 41	18 57	0 44	17 28	1 33	22 21	0 36	3 58	1 54	28 32	14 8	15 18	15 12	2 12		n.a.
S 12	17 27	17 27	1n 0	23 53	2 20	25 39	2 2	6 59	0 40	18 55	0 44	17 30	1 33	22 20	0 36	3 59	1 54	28 32	14 9	15 18	15 11	2 10		n.a.
S 13	17 44	19 19	2 13	24 7	2 19	25 42	2 3	7 15	0 40	18 53	0 44	17 32	1 32	22 20	0 35	4 0	1 54	28 32	14 9	15 18	15 10	2 8		n.a.
M14	18 1	19 59	3 17	24 19	2 18	25 44	2 4	7 31	0 39	18 51	0 44	17 34	1 32	22 20	0 35	4 0	1 54	28 33	14 10	15 17	15 9	2 6		n.a.
T 15	18 17	19 31	4 9	24 30	2 16	25 46	2 5	7 47	0 39	18 50	0 44	17 35	1 32	22 19	0 35	4 1	1 54	28 33	14 10	15 17	15 8	2 3		n.a.
W16	18 33	18 2	4 46	24 39	2 14	25 47	2 5	8 3	0 38	18 48	0 44	17 37	1 32	22 19	0 35	4 2	1 54	28 33	14 11	15 16	15 7	2 1		n.a.
T 17	18 49	15 42	5 9	24 46	2 11	25 47	2 6	8 19	0 38	18 46	0 44	17 39	1 32	22 19	0 35	4 2	1 54	28 34	14 11	15 16	15 6	1 59		n.a.
F 18	19 4	12 44	5 17	24 51	2 7	25 46	2 7	8 35	0 37	18 44	0 43	17 41	1 32	22 18	0 35	4 3	1 54	28 34	14 12	15 16	15 5	1 57		n.a.
S 19	19 19	9 17	5 10	24 55	2 2	25 45	2 7	8 51	0 37	18 42	0 43	17 43	1 32	22 18	0 35	4 4	1 54	28 35	14 12	15 15	15 4	1 55		n.a.
S 20	19 34	5 30	4 50	24 56	1 56	25 43	2 8	9 7	0 36	18 40	0 43	17 44	1 32	22 17	0 35	4 4	1 54	28 35	14 13	15 15	15 3	1 53		n.a.
M21	19 48	1 31	4 19	24 56	1 49	25 40	2 8	9 23	0 36	18 39	0 43	17 46	1 32	22 17	0 35	4 5	1 54	28 35	14 13	15 16	15 2	1 51		n.a.
T 22	20 2	2n32	3 35	24 53	1 41	25 36	2 8	9 39	0 35	18 37	0 43	17 48	1 32	22 17	0 35	4 6	1 54	28 36	14 14	15 16	15 1	1 48		n.a.
W23	20 16	6 31	2 43	24 48	1 32	25 32	2 8	9 54	0 35	18 35	0 43	17 50	1 32	22 16	0 35	4 6	1 54	28 36	14 14	15 17	15 0	1 46		n.a.
T 24	20 29	10 18	1 42	24 42	1 22	25 26	2 8	10 10	0 34	18 33	0 43	17 51	1 32	22 16	0 35	4 7	1 54	28 37	14 15	15 17	14 59	1 44		n.a.
F 25	20 41	13 44	0 36	24 33	1 10	25 20	2 8	10 25	0 34	18 31	0 42	17 53	1 32	22 15	0 35	4 8	1 54	28 37	14 15	15 17	14 58	1 42		n.a.
S 26	20 54	16 35	0s34	24 22	0 58	25 14	2 8	10 41	0 33	18 30	0 42	17 55	1 32	22 15	0 35	4 8	1 54	28 38	14 16	15 17	14 57	1 40		n.a.
S 27	21 6	18 41	1 43	24 9	0 43	25 6	2 8	10 56	0 33	18 28	0 42	17 56	1 32	22 14	0 35	4 9	1 54	28 38	14 16	15 17	14 56	1 38		n.a.
M28	21 17	19 51	2 48	23 54	0 28	24 58	2 8	11 12	0 32	18 26	0 42	17 58	1 32	22 14	0 35	4 9	1 54	28 39	14 17	15 16	14 55	1 36		n.a.
T 29	21 28	19 54	3 45	23 38	0 11	24 49	2 7	11 27	0 31	18 24	0 42	18 0	1 32	22 14	0 35	4 10	1 54	28 39	14 17	15 15	14 54	1 34		n.a.
W30	21s39	18n49	4s30	23s19	0n 7	24s39	2s 7	11s42	0n31	18n23	0s42	18s 1	1n32	22s13	0s35	4s11	1n54	28n40	14n18	15s14	14s52	1s31		n.a.

Julian Day Number = 1715518.5, Delta T = 02h58m34s
Ecliptic obliquity = 23°41'42, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°17'07, Lahiri = - 4°10'06 Julian Calendar 1 Nov. 17 BCE == Greg. Calendar 30 Oct. 017 BCE

The year -16 astronomical counting style corresponds to year 017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 17 BCE
geocentric

DECEMBER 17 BCE (-16) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 30 48	7♐40'13	23♋58	21°R15	18♑29	2♏22	24°R10	26♏19	23♑27	14♎55	19°R22	10°R46	9♏39	16♓48	n.a.	T 1
F 2	4 34 45	8°41'28	7♌56	20♐40	19°41	3° 4	24♉ 2	26°26	23°30	14°57	19♌22	10♏42	9°36	16°55	n.a.	F 2
S 3	4 38 41	9°42'43	22° 0	19°53	20°52	3°46	23°55	26°33	23°33	14°58	19°21	10°40	9°33	17° 1	n.a.	S 3
S 4	4 42 38	10°43'58	6♍ 7	18°56	22° 3	4°28	23°47	26°40	23°36	15° 0	19°21	10°D38	9°29	17° 8	n.a.	S 4
M 5	4 46 34	11°45'13	20°16	17°50	23°15	5°10	23°40	26°47	23°38	15° 1	19°21	10°39	9°26	17°15	n.a.	M 5
T 6	4 50 31	12°46'29	4♎26	16°36	24°26	5°52	23°32	26°54	23°41	15° 3	19°20	10°40	9°23	17°21	n.a.	T 6
W 7	4 54 28	13°47'44	18°33	15°18	25°37	6°34	23°25	27° 0	23°44	15° 4	19°20	10°41	9°20	17°28	n.a.	W 7
T 8	4 58 24	14°49'00	2♏37	13°57	26°48	7°16	23°18	27° 7	23°47	15° 5	19°19	10°43	9°17	17°35	n.a.	T 8
F 9	5 2 21	15°50'16	16°35	12°37	27°59	7°58	23°11	27°14	23°50	15° 7	19°19	10°R43	9°14	17°42	n.a.	F 9
S 10	5 6 17	16°51'31	0♐24	11°20	29°10	8°40	23° 4	27°21	23°53	15° 8	19°18	10°41	9°10	17°48	n.a.	S 10
S 11	5 10 14	17°52'47	14° 2	10° 8	0♒20	9°23	22°57	27°28	23°56	15° 9	19°18	10°37	9° 7	17°55	n.a.	S 11
M12	5 14 10	18°54'02	27°26	9° 2	1°31	10° 5	22°50	27°34	23°59	15°11	19°17	10°32	9° 4	18° 2	n.a.	M12
T 13	5 18 7	19°55'16	10♑33	8° 5	2°42	10°47	22°44	27°41	24° 2	15°12	19°17	10°25	9° 1	18° 8	n.a.	T 13
W14	5 22 3	20°56'30	23°23	7°18	3°52	11°29	22°38	27°48	24° 5	15°13	19°16	10°18	8°58	18°15	n.a.	W14
T 15	5 26 0	21°57'44	5♒55	6°39	5° 2	12°12	22°31	27°54	24° 8	15°14	19°15	10°10	8°54	18°22	n.a.	T 15
F 16	5 29 57	22°58'56	18°12	6°11	6°12	12°54	22°25	28° 1	24°11	15°15	19°15	10° 4	8°51	18°28	n.a.	F 16
S 17	5 33 53	24° 0'08	0♓16	5°52	7°22	13°36	22°19	28° 8	24°14	15°16	19°14	9°59	8°48	18°35	n.a.	S 17
S 18	5 37 50	25° 1'19	12°11	5°42	8°32	14°19	22°13	28°14	24°17	15°17	19°13	9°56	8°45	18°42	n.a.	S 18
M19	5 41 46	26° 2'29	24° 1	5°D42	9°42	15° 1	22° 8	28°21	24°20	15°18	19°12	9°D54	8°42	18°48	n.a.	M19
T 20	5 45 43	27° 3'38	5♈52	5°49	10°51	15°43	22° 2	28°27	24°23	15°19	19°12	9°55	8°39	18°55	n.a.	T 20
W21	5 49 39	28° 4'46	17°49	6° 4	12° 0	16°26	21°57	28°34	24°26	15°20	19°11	9°56	8°35	19° 2	n.a.	W21
T 22	5 53 36	29° 5'53	29°56	6°25	13°10	17° 8	21°52	28°40	24°30	15°21	19°10	9°58	8°32	19° 9	n.a.	T 22
F 23	5 57 32	0♉ 6'59	12♉20	6°53	14°19	17°51	21°47	28°47	24°33	15°22	19° 9	9°R58	8°29	19°15	n.a.	F 23
S 24	6 1 29	1° 8'04	25° 2	7°27	15°27	18°33	21°42	28°53	24°36	15°23	19° 8	9°57	8°26	19°22	n.a.	S 24
S 25	6 5 26	2° 9'08	8♊ 7	8° 6	16°36	19°16	21°37	28°59	24°39	15°24	19° 7	9°53	8°23	19°29	n.a.	S 25
M26	6 9 22	3°10'11	21°35	8°50	17°45	19°58	21°33	29° 5	24°43	15°25	19° 6	9°47	8°20	19°35	n.a.	M26
T 27	6 13 19	4°11'13	5♋23	9°38	18°53	20°41	21°29	29°12	24°46	15°26	19° 5	9°39	8°16	19°42	n.a.	T 27
W28	6 17 15	5°12'14	19°30	10°30	20° 1	21°24	21°25	29°18	24°49	15°26	19° 4	9°30	8°13	19°49	n.a.	W28
T 29	6 21 12	6°13'14	3♌49	11°25	21° 9	22° 6	21°21	29°24	24°53	15°27	19° 3	9°20	8°10	19°55	n.a.	T 29
F 30	6 25 8	7°14'13	18°15	12°23	22°17	22°49	21°17	29°30	24°56	15°28	19° 2	9°12	8° 7	20° 2	n.a.	F 30
S 31	6 29 5	8♍15'12	2♍41	13♐25	23♒24	23♏32	21♉14	29♏36	24♑59	15♎28	19♌ 1	9♏ 5	8♏ 4	20♓ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21 s49	16n37	5 s 0	22 s59	0n25	24 s29	2 s 6	11 s57	0n30	18n21	0 s41	18 s 3	1n32	22 s13	0 s35	4 s11	1n54	28n40	14n18	15 s13	14 s51	1 s29			n.a.
F 2	21 59	13 26	5 13	22 37	0 45	24 18	2 5	12 12	0 30	18 19	0 41	18 5	1 32	22 12	0 35	4 12	1 54	28 41	14 19	15 12	14 50	1 27			n.a.
S 3	22 9	9 29	5 7	22 14	1 5	24 6	2 4	12 27	0 29	18 17	0 41	18 6	1 32	22 12	0 35	4 12	1 54	28 42	14 19	15 11	14 49	1 25			n.a.
S 4	22 18	4 59	4 43	21 49	1 25	23 54	2 3	12 42	0 29	18 16	0 41	18 8	1 32	22 11	0 35	4 13	1 55	28 42	14 20	15 10	14 48	1 23			n.a.
M 5	22 26	0 12	4 2	21 24	1 44	23 41	2 2	12 57	0 28	18 14	0 41	18 10	1 32	22 11	0 35	4 13	1 55	28 43	14 20	15 10	14 47	1 21			n.a.
T 6	22 34	4 s37	3 5	20 59	2 3	23 27	2 1	13 11	0 27	18 12	0 40	18 11	1 32	22 10	0 35	4 14	1 55	28 43	14 21	15 11	14 46	1 19			n.a.
W 7	22 42	9 10	1 58	20 33	2 20	23 12	2 0	13 26	0 27	18 11	0 40	18 13	1 32	22 10	0 35	4 14	1 55	28 44	14 21	15 11	14 45	1 17			n.a.
T 8	22 49	13 12	0 44	20 9	2 35	22 57	1 58	13 40	0 26	18 9	0 40	18 14	1 32	22 9	0 35	4 15	1 55	28 45	14 22	15 12	14 44	1 14			n.a.
F 9	22 56	16 28	0n32	19 46	2 49	22 42	1 57	13 55	0 26	18 7	0 40	18 16	1 32	22 9	0 35	4 15	1 55	28 45	14 22	15 12	14 43	1 12			n.a.
S 10	23 2	18 44	1 45	19 25	3 0	22 25	1 55	14 9	0 25	18 6	0 40	18 18	1 31	22 8	0 35	4 16	1 55	28 46	14 23	15 11	14 42	1 10			n.a.
S 11	23 8	19 53	2 51	19 6	3 8	22 9	1 54	14 23	0 24	18 4	0 39	18 19	1 31	22 8	0 35	4 16	1 55	28 46	14 23	15 10	14 41	1 8			n.a.
M12	23 13	19 53	3 47	18 51	3 14	21 51	1 52	14 37	0 24	18 3	0 39	18 21	1 31	22 7	0 35	4 16	1 55	28 47	14 24	15 8	14 40	1 6			n.a.
T 13	23 18	18 48	4 29	18 38	3 18	21 33	1 50	14 51	0 23	18 1	0 39	18 22	1 31	22 6	0 35	4 17	1 55	28 48	14 24	15 6	14 39	1 4			n.a.
W14	23 23	16 47	4 56	18 29	3 19	21 14	1 48	15 5	0 23	18 0	0 39	18 24	1 31	22 6	0 35	4 17	1 55	28 48	14 24	15 4	14 38	1 2			n.a.
T 15	23 27	14 1	5 8	18 23	3 19	20 55	1 46	15 19	0 22	17 59	0 39	18 25	1 31	22 5	0 35	4 18	1 55	28 49	14 25	15 1	14 37	1 0			n.a.
F 16	23 30	10 41	5 6	18 20	3 17	20 35	1 43	15 32	0 21	17 57	0 38	18 27	1 31	22 5	0 35	4 18	1 55	28 50	14 25	14 59	14 36	0 58			n.a.
S 17	23 33	6 58	4 50	18 21	3 13	20 15	1 41	15 46	0 21	17 56	0 38	18 28	1 31	22 4	0 35	4 18	1 55	28 50	14 26	14 58	14 35	0 55			n.a.
S 18	23 36	3 2	4 22	18 24	3 8	19 54	1 39	15 59	0 20	17 55	0 38	18 30	1 31	22 4	0 35	4 19	1 55	28 51	14 26	14 57	14 34	0 53			n.a.
M19	23 38	1n 0	3 43	18 30	3 2	19 33	1 36	16 12	0 19	17 53	0 38	18 31	1 31	22 3	0 35	4 19	1 55	28 52	14 27	14 56	14 33	0 51			n.a.
T 20	23 40	5 0	2 54	18 38	2 55	19 11	1 33	16 25	0 19	17 52	0 37	18 32	1 32	22 3	0 35	4 19	1 56	28 52	14 27	14 57	14 32	0 49			n.a.
W21	23 41	8 51	1 57	18 48	2 48	18 49	1 31	16 38	0 18	17 51	0 37	18 34	1 32	22 2	0 35	4 20	1 56	28 53	14 28	14 57	14 31	0 47			n.a.
T 22	23 41	12 25	0 54	19 0	2 40	18 27	1 28	16 51	0 17	17 50	0 37	18 35	1 32	22 1	0 35	4 20	1 56	28 54	14 28	14 57	14 30	0 45			n.a.
F 23	23 42	15 30	0 s13	19 13	2 31	18 4	1 25	17 4	0 17	17 49	0 37	18 37	1 32	22 1	0 35	4 20	1 56	28 54	14 28	14 58	14 29	0 43			n.a.
S 24	23 41	17 56	1 20	19 27	2 22	17 40	1 21	17 17	0 16	17 48	0 37	18 38	1 32	22 0	0 35	4 21	1 56	28 55	14 29	14 57	14 28	0 41			n.a.
S 25	23 41	19 30	2 25	19 43	2 13	17 16	1 18	17 29	0 15	17 47	0 36	18 39	1 32	22 0	0 35	4 21	1 56	28 56	14 29	14 56	14 27	0 39			n.a.
M26	23 39	20 2	3 24	19 59	2 3	16 52	1 15	17 41	0 15	17 46	0 36	18 41	1 32	21 59	0 35	4 21	1 56	28 56	14 30	14 54	14 26	0 37			n.a.
T 27	23 38	19 23	4 13	20 16	1 54	16 27	1 11	17 53	0 14	17 45	0 36	18 42	1 32	21 58	0 35	4 21	1 56	28 57	14 30	14 52	14 25	0 34			n.a.
W28	23 35	17 32	4 47	20 33	1 44	16 2	1 8	18 5	0 13	17 44	0 36	18 43	1 32	21 58	0 35	4 22	1 56	28 58	14 30	14 49	14 24	0 32			n.a.
T 29	23 33	14 35	5 3	20 50	1 34	15 37	1 4	18 17	0 12	17 43	0 35	18 45	1 32	21 57	0 35	4 22	1 56	28 59	14 31	14 46	14 23	0 30			n.a.
F 30	23 30	10 45	5 1	21 7	1 25	15 11	1 0	18 29	0 12	17 42	0 35	18 46	1 32	21 57	0 35	4 22	1 56	28 59	14 31	14 43	14 22	0 28			n.a.
S 31	23 s26	6n17	4 s40	21 s25	1n15	14 s45	0 s56	18 s41	0n11	17n42	0 s35	18 s47	1n32	21 s56	0 s35	4 s22	1n56	29n 0	14n32	14 s40	14 s21	0 s26			n.a.

Julian Day Number = 1715548.5, Delta T = 02h58m34s
Ecliptic obliquity = 23°41'41, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°17'03, Lahiri = - 4°10'02 Julian Calendar 1 Dec. 17 BCE == Greg. Calendar 29 Nov. 017 BCE

The year -16 astronomical counting style corresponds to year 017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 16 BCE
geocentric

JANUARY 16 BCE (-15) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 33 2	9♑16'09	17♍ 3	14♐28	24♒31	24♏15	21°R10	29♏42	25♑ 3	15♎29	19°R 0	9°R 0	8♏ 0	20♓15	n.a.	S 1
M 2	6 36 58	10°17'05	1♎17	15°35	25°39	24°57	21♉ 7	29°48	25° 6	15°30	18♌59	8♏58	7°57	20°22	n.a.	M 2
T 3	6 40 55	11°18'01	15°21	16°43	26°45	25°40	21° 4	29°54	25°10	15°30	18°58	8°D58	7°54	20°29	n.a.	T 3
W 4	6 44 51	12°18'56	29°15	17°54	27°52	26°23	21° 1	29°59	25°13	15°31	18°56	8°58	7°51	20°35	n.a.	W 4
T 5	6 48 48	13°19'50	12♏58	19° 6	28°58	27° 6	20°59	0♐ 5	25°16	15°31	18°55	8°R58	7°48	20°42	n.a.	T 5
F 6	6 52 44	14°20'43	26°31	20°20	0♓ 5	27°49	20°56	0°11	25°20	15°31	18°54	8°57	7°45	20°49	n.a.	F 6
S 7	6 56 41	15°21'34	9♐53	21°36	1°10	28°32	20°54	0°17	25°23	15°32	18°53	8°53	7°41	20°56	n.a.	S 7
S 8	7 0 37	16°22'25	23° 6	22°53	2°16	29°15	20°52	0°22	25°27	15°32	18°51	8°46	7°38	21° 2	n.a.	S 8
M 9	7 4 34	17°23'15	6♑ 8	24°12	3°21	29°58	20°50	0°28	25°30	15°33	18°50	8°37	7°35	21° 9	n.a.	M 9
T 10	7 8 31	18°24'03	18°57	25°31	4°27	0♐41	20°49	0°34	25°34	15°33	18°49	8°25	7°32	21°16	n.a.	T 10
W11	7 12 27	19°24'49	1♒35	26°53	5°31	1°24	20°48	0°39	25°37	15°33	18°48	8°12	7°29	21°22	n.a.	W11
T 12	7 16 24	20°25'34	13°59	28°15	6°36	2° 7	20°46	0°44	25°41	15°33	18°46	7°58	7°26	21°29	n.a.	T 12
F 13	7 20 20	21°26'18	26°11	29°38	7°40	2°50	20°45	0°50	25°44	15°34	18°45	7°46	7°22	21°36	n.a.	F 13
S 14	7 24 17	22°26'59	8♓12	1♑ 3	8°44	3°33	20°45	0°55	25°47	15°34	18°43	7°36	7°19	21°42	n.a.	S 14
S 15	7 28 13	23°27'39	20° 5	2°29	9°48	4°17	20°44	1° 0	25°51	15°34	18°42	7°29	7°16	21°49	n.a.	S 15
M16	7 32 10	24°28'17	1♈54	3°55	10°51	5° 0	20°44	1° 5	25°54	15°34	18°41	7°24	7°13	21°56	n.a.	M16
T 17	7 36 6	25°28'54	13°43	5°23	11°54	5°43	20°D44	1°10	25°58	15°34	18°39	7°22	7°10	22° 2	n.a.	T 17
W18	7 40 3	26°29'28	25°37	6°52	12°56	6°26	20°44	1°15	26° 1	15°R34	18°38	7°D21	7° 6	22° 9	n.a.	W18
T 19	7 44 0	27°30'01	7♉42	8°21	13°58	7°10	20°44	1°20	26° 5	15°34	18°36	7°R21	7° 3	22°16	n.a.	T 19
F 20	7 47 56	28°30'31	20° 4	9°52	15° 0	7°53	20°44	1°25	26° 8	15°34	18°35	7°21	7° 0	22°22	n.a.	F 20
S 21	7 51 53	29°31'00	2♊46	11°24	16° 2	8°36	20°45	1°30	26°12	15°34	18°33	7°19	6°57	22°29	n.a.	S 21
S 22	7 55 49	0♒31'27	15°54	12°56	17° 3	9°19	20°46	1°35	26°15	15°34	18°32	7°14	6°54	22°36	n.a.	S 22
M23	7 59 46	1°31'52	29°30	14°30	18° 3	10° 3	20°47	1°39	26°19	15°34	18°31	7° 7	6°51	22°43	n.a.	M23
T 24	8 3 42	2°32'14	13♋32	16° 4	19° 3	10°46	20°48	1°44	26°22	15°34	18°29	6°57	6°47	22°49	n.a.	T 24
W25	8 7 39	3°32'35	27°59	17°40	20° 3	11°30	20°50	1°48	26°26	15°33	18°28	6°45	6°44	22°56	n.a.	W25
T 26	8 11 35	4°32'55	12♌43	19°16	21° 2	12°13	20°51	1°53	26°29	15°33	18°26	6°33	6°41	23° 3	n.a.	T 26
F 27	8 15 32	5°33'12	27°36	20°53	22° 1	12°56	20°53	1°57	26°33	15°33	18°24	6°22	6°38	23° 9	n.a.	F 27
S 28	8 19 29	6°33'27	12♍29	22°32	22°59	13°40	20°55	2° 1	26°36	15°33	18°23	6°13	6°35	23°16	n.a.	S 28
S 29	8 23 25	7°33'41	27°14	24°11	23°57	14°23	20°58	2° 6	26°39	15°32	18°21	6° 6	6°32	23°23	n.a.	S 29
M30	8 27 22	8°33'53	11♎46	25°51	24°54	15° 7	21° 0	2°10	26°43	15°32	18°20	6° 3	6°28	23°29	n.a.	M30
T 31	8 31 18	9♒34'04	25♎59	27♑33	25♓50	15♐51	21♉ 3	2♐14	26♑46	15♎31	18♌18	6♏ 1	6♏25	23♓36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23s22	1n29	4s 1	21s42	1n 5	14s18	0s52	18s52	0n10	17n41	0s35	18s49	1n32	21s55	0s35	4s22	1n56	29n 1	14n32	14s39	14s20	0s24			n.a.
M 2	23 17	3s22	3 7	21 59	0 56	13 52	0 48	19 3	0 10	17 40	0 35	18 50	1 32	21 55	0 35	4 23	1 56	29 1	14 32	14 38	14 19	0 22			n.a.
T 3	23 12	7 59	2 3	22 15	0 47	13 25	0 44	19 14	0 9	17 40	0 34	18 51	1 32	21 54	0 35	4 23	1 56	29 2	14 33	14 38	14 18	0 20			n.a.
W 4	23 7	12 8	0 52	22 31	0 38	12 58	0 40	19 25	0 8	17 39	0 34	18 52	1 32	21 53	0 35	4 23	1 56	29 3	14 33	14 38	14 17	0 18			n.a.
T 5	23 1	15 33	0n21	22 46	0 29	12 30	0 35	19 36	0 7	17 39	0 34	18 53	1 32	21 53	0 35	4 23	1 57	29 4	14 33	14 38	14 15	0 16			n.a.
F 6	22 55	18 5	1 32	23 1	0 20	12 2	0 31	19 47	0 7	17 39	0 34	18 55	1 32	21 52	0 35	4 23	1 57	29 4	14 34	14 38	14 14	0 13			n.a.
S 7	22 48	19 35	2 37	23 15	0 11	11 34	0 26	19 57	0 6	17 38	0 33	18 56	1 32	21 52	0 35	4 23	1 57	29 5	14 34	14 37	14 13	0 11			n.a.
S 8	22 41	19 59	3 32	23 28	0 2	11 6	0 21	20 7	0 5	17 38	0 33	18 57	1 32	21 51	0 35	4 23	1 57	29 6	14 34	14 35	14 12	0 9			n.a.
M 9	22 33	19 18	4 15	23 40	0s 6	10 38	0 16	20 17	0 4	17 38	0 33	18 58	1 32	21 50	0 35	4 23	1 57	29 6	14 35	14 31	14 11	0 7			n.a.
T 10	22 25	17 39	4 44	23 51	0 14	10 9	0 11	20 27	0 3	17 37	0 33	18 59	1 32	21 50	0 35	4 23	1 57	29 7	14 35	14 28	14 10	0 5			n.a.
W11	22 16	15 9	4 59	24 1	0 22	9 41	0 6	20 37	0 3	17 37	0 32	19 0	1 32	21 49	0 35	4 23	1 57	29 8	14 35	14 23	14 9	0 3			n.a.
T 12	22 7	12 2	5 0	24 10	0 29	9 12	0 1	20 47	0 2	17 37	0 32	19 1	1 32	21 48	0 35	4 23	1 57	29 9	14 35	14 19	14 8	0 1			n.a.
F 13	21 58	8 26	4 46	24 18	0 37	8 43	0n 4	20 56	0 1	17 37	0 32	19 2	1 32	21 48	0 35	4 23	1 57	29 9	14 36	14 15	14 7	0n 1			n.a.
S 14	21 48	4 34	4 20	24 25	0 44	8 14	0 10	21 5	0 0	17 37	0 32	19 3	1 32	21 47	0 35	4 23	1 57	29 10	14 36	14 12	14 6	0 3			n.a.
S 15	21 38	0 33	3 43	24 31	0 51	7 45	0 15	21 14	0s 1	17 37	0 32	19 4	1 32	21 46	0 35	4 23	1 57	29 11	14 36	14 9	14 5	0 5			n.a.
M16	21 27	3n27	2 56	24 36	0 58	7 15	0 21	21 23	0 1	17 37	0 31	19 5	1 32	21 46	0 35	4 23	1 57	29 12	14 37	14 8	14 4	0 7			n.a.
T 17	21 16	7 20	2 2	24 39	1 4	6 46	0 26	21 31	0 2	17 38	0 31	19 6	1 33	21 45	0 35	4 23	1 57	29 12	14 37	14 7	14 3	0 10			n.a.
W18	21 5	10 58	1 2	24 41	1 10	6 17	0 32	21 40	0 3	17 38	0 31	19 7	1 33	21 44	0 35	4 23	1 57	29 13	14 37	14 7	14 2	0 12			n.a.
T 19	20 53	14 12	0s 2	24 42	1 16	5 47	0 38	21 48	0 4	17 38	0 31	19 8	1 33	21 44	0 35	4 23	1 58	29 14	14 37	14 7	14 1	0 14			n.a.
F 20	20 41	16 52	1 7	24 41	1 22	5 18	0 44	21 56	0 5	17 38	0 30	19 9	1 33	21 43	0 35	4 23	1 58	29 14	14 38	14 7	14 0	0 16			n.a.
S 21	20 28	18 48	2 10	24 39	1 27	4 48	0 50	22 4	0 6	17 39	0 30	19 10	1 33	21 42	0 35	4 23	1 58	29 15	14 38	14 6	13 59	0 18			n.a.
S 22	20 15	19 49	3 9	24 35	1 32	4 19	0 56	22 11	0 6	17 39	0 30	19 11	1 33	21 42	0 35	4 23	1 58	29 16	14 38	14 4	13 58	0 20			n.a.
M23	20 2	19 43	3 59	24 30	1 37	3 49	1 2	22 19	0 7	17 40	0 30	19 12	1 33	21 41	0 35	4 23	1 58	29 16	14 38	14 2	13 57	0 22			n.a.
T 24	19 48	18 25	4 36	24 23	1 41	3 20	1 9	22 26	0 8	17 40	0 29	19 13	1 33	21 40	0 35	4 23	1 58	29 17	14 38	13 59	13 56	0 24			n.a.
W25	19 34	15 56	4 57	24 15	1 45	2 50	1 15	22 33	0 9	17 41	0 29	19 13	1 33	21 40	0 35	4 23	1 58	29 18	14 39	13 55	13 55	0 26			n.a.
T 26	19 20	12 24	4 59	24 5	1 49	2 21	1 21	22 40	0 10	17 42	0 29	19 14	1 33	21 39	0 35	4 22	1 58	29 19	14 39	13 51	13 53	0 28			n.a.
F 27	19 5	8 3	4 40	23 54	1 52	1 51	1 28	22 46	0 11	17 42	0 29	19 15	1 33	21 38	0 35	4 22	1 58	29 19	14 39	13 47	13 52	0 30			n.a.
S 28	18 50	3 13	4 3	23 41	1 55	1 22	1 34	22 53	0 12	17 43	0 29	19 16	1 33	21 38	0 35	4 22	1 58	29 20	14 39	13 44	13 51	0 32			n.a.
S 29	18 35	1s47	3 9	23 26	1 58	0 53	1 41	22 59	0 13	17 44	0 28	19 17	1 33	21 37	0 35	4 22	1 58	29 21	14 39	13 42	13 50	0 34			n.a.
M30	18 19	6 36	2 4	23 10	2 0	0 24	1 48	23 5	0 13	17 45	0 28	19 17	1 33	21 37	0 35	4 22	1 58	29 21	14 39	13 41	13 49	0 37			n.a.
T 31	18s 3	10s58	0s53	22s52	2s 2	0n 5	1n55	23s10	0s14	17n46	0s28	19s18	1n33	21s36	0s35	4s21	1n58	29n22	14n40	13s40	13s48	0n39			n.a.

Julian Day Number = 1715579.5, Delta T = 02h58m33s
Ecliptic obliquity = 23°41'41, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°16'58, Lahiri = - 4°09'58 Julian Calendar 1 Jan. 16 BCE == Greg. Calendar 30 Dec. 017 BCE

The year -15 astronomical counting style corresponds to year 016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 16 BCE
geocentric

FEBRUARY 16 BCE (-15) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 35 15	10♒34'13	9♏54	29♑15	26♓46	16♐34	21♉ 5	2♐18	26♑50	15°R31	18°R17	6°R 1	6♏22	23♓43	n.a.	W 1
T 2	8 39 11	11°34'20	23°30	0♒59	27°42	17°18	21° 8	2°22	26°53	15♎30	18♌15	6♏ 1	6°19	23°49	n.a.	T 2
F 3	8 43 8	12°34'26	6♐50	2°43	28°37	18° 1	21°12	2°25	26°57	15°30	18°14	5°59	6°16	23°56	n.a.	F 3
S 4	8 47 4	13°34'30	19°55	4°29	29°31	18°45	21°15	2°29	27° 0	15°29	18°12	5°55	6°12	24° 3	n.a.	S 4
S 5	8 51 1	14°34'32	2♑48	6°16	0♈25	19°29	21°18	2°33	27° 3	15°29	18°10	5°48	6° 9	24° 9	n.a.	S 5
M 6	8 54 57	15°34'33	15°29	8° 4	1°17	20°12	21°22	2°36	27° 7	15°28	18° 9	5°38	6° 6	24°16	n.a.	M 6
T 7	8 58 54	16°34'31	28° 0	9°53	2°10	20°56	21°26	2°40	27°10	15°28	18° 7	5°25	6° 3	24°23	n.a.	T 7
W 8	9 2 51	17°34'28	10♒22	11°43	3° 1	21°40	21°30	2°43	27°13	15°27	18° 6	5°12	6° 0	24°29	n.a.	W 8
T 9	9 6 47	18°34'23	22°34	13°34	3°52	22°24	21°35	2°46	27°17	15°26	18° 4	4°58	5°57	24°36	n.a.	T 9
F 10	9 10 44	19°34'15	4♓37	15°26	4°42	23° 7	21°39	2°50	27°20	15°26	18° 2	4°45	5°53	24°43	n.a.	F 10
S 11	9 14 40	20°34'06	16°33	17°20	5°31	23°51	21°44	2°53	27°23	15°25	18° 1	4°34	5°50	24°49	n.a.	S 11
S 12	9 18 37	21°33'54	28°23	19°14	6°19	24°35	21°48	2°56	27°26	15°24	17°59	4°26	5°47	24°56	n.a.	S 12
M13	9 22 33	22°33'40	10♈11	21° 9	7° 7	25°19	21°53	2°59	27°30	15°23	17°58	4°20	5°44	25° 3	n.a.	M13
T 14	9 26 30	23°33'23	21°59	23° 6	7°53	26° 2	21°58	3° 2	27°33	15°22	17°56	4°17	5°41	25°10	n.a.	T 14
W15	9 30 26	24°33'05	3♉52	25° 3	8°39	26°46	22° 4	3° 4	27°36	15°22	17°55	4°D17	5°38	25°16	n.a.	W15
T 16	9 34 23	25°32'44	15°55	27° 2	9°23	27°30	22° 9	3° 7	27°39	15°21	17°53	4°17	5°34	25°23	n.a.	T 16
F 17	9 38 20	26°32'20	28°13	29° 1	10° 7	28°14	22°15	3°10	27°42	15°20	17°51	4°R17	5°31	25°30	n.a.	F 17
S 18	9 42 16	27°31'55	10♊52	1♓ 0	10°49	28°58	22°21	3°12	27°46	15°19	17°50	4°16	5°28	25°36	n.a.	S 18
S 19	9 46 13	28°31'27	23°56	3° 1	11°31	29°42	22°27	3°15	27°49	15°18	17°48	4°14	5°25	25°43	n.a.	S 19
M20	9 50 9	29°30'56	7♋29	5° 1	12°11	0♑26	22°33	3°17	27°52	15°17	17°47	4° 8	5°22	25°50	n.a.	M20
T 21	9 54 6	0♓30'23	21°31	7° 2	12°50	1°10	22°39	3°19	27°55	15°16	17°45	4° 1	5°18	25°56	n.a.	T 21
W22	9 58 2	1°29'48	6♌ 2	9° 2	13°28	1°53	22°46	3°21	27°58	15°15	17°44	3°52	5°15	26° 3	n.a.	W22
T 23	10 1 59	2°29'11	20°55	11° 3	14° 4	2°37	22°52	3°23	28° 1	15°14	17°42	3°42	5°12	26°10	n.a.	T 23
F 24	10 5 55	3°28'31	6♍ 3	13° 2	14°39	3°21	22°59	3°25	28° 4	15°13	17°41	3°33	5° 9	26°16	n.a.	F 24
S 25	10 9 52	4°27'49	21°16	15° 1	15°13	4° 5	23° 6	3°27	28° 7	15°12	17°39	3°26	5° 6	26°23	n.a.	S 25
S 26	10 13 49	5°27'05	6♎22	16°58	15°46	4°49	23°13	3°29	28°10	15°10	17°38	3°21	5° 3	26°30	n.a.	S 26
M27	10 17 45	6°26'19	21°13	18°54	16°16	5°33	23°20	3°30	28°13	15° 9	17°36	3°18	4°59	26°36	n.a.	M27
T 28	10 21 42	7♓25'31	5♏44	20♓47	16♈46	6♑17	23♉27	3♐32	28♑16	15♎ 8	17♌35	3°D18	4♏56	26♓43	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s46	14s37	0n20	22s32	2s 3	0n34	2n 2	23s16	0s15	17n47	0s28	19s19	1n34	21s35	0s35	4s21	1n58	29n22	14n40	13s40	13s47	0n41		n.a.
T 2	17 30	17 23	1 31	22 10	2 4	1 2	2 9	23 21	0 16	17 48	0 28	19 20	1 34	21 35	0 35	4 21	1 58	29 23	14 40	13 40	13 46	0 43		n.a.
F 3	17 13	19 8	2 35	21 47	2 5	1 31	2 16	23 26	0 17	17 49	0 27	19 20	1 34	21 34	0 35	4 21	1 58	29 24	14 40	13 40	13 45	0 45		n.a.
S 4	16 56	19 49	3 30	21 22	2 5	1 59	2 23	23 31	0 18	17 50	0 27	19 21	1 34	21 33	0 35	4 20	1 59	29 24	14 40	13 38	13 44	0 47		n.a.
S 5	16 38	19 27	4 13	20 55	2 5	2 27	2 30	23 35	0 19	17 51	0 27	19 21	1 34	21 33	0 35	4 20	1 59	29 25	14 40	13 36	13 43	0 49		n.a.
M 6	16 20	18 7	4 42	20 26	2 4	2 55	2 37	23 40	0 20	17 52	0 27	19 22	1 34	21 32	0 35	4 20	1 59	29 26	14 40	13 32	13 42	0 51		n.a.
T 7	16 2	15 55	4 58	19 56	2 3	3 23	2 44	23 44	0 21	17 53	0 26	19 23	1 34	21 31	0 35	4 20	1 59	29 26	14 40	13 28	13 41	0 53		n.a.
W 8	15 44	13 2	4 59	19 23	2 1	3 50	2 52	23 47	0 22	17 55	0 26	19 23	1 34	21 31	0 35	4 19	1 59	29 27	14 40	13 24	13 40	0 55		n.a.
T 9	15 25	9 38	4 47	18 49	1 59	4 17	2 59	23 51	0 23	17 56	0 26	19 24	1 34	21 30	0 35	4 19	1 59	29 27	14 41	13 19	13 39	0 57		n.a.
F 10	15 6	5 52	4 21	18 13	1 56	4 44	3 6	23 55	0 24	17 57	0 26	19 24	1 34	21 29	0 35	4 19	1 59	29 28	14 41	13 14	13 38	0 59		n.a.
S 11	14 47	1 55	3 45	17 35	1 53	5 10	3 14	23 58	0 25	17 59	0 26	19 25	1 34	21 29	0 35	4 18	1 59	29 29	14 41	13 11	13 37	1 1		n.a.
S 12	14 28	2n 4	2 58	16 56	1 49	5 37	3 21	24 1	0 26	18 0	0 25	19 25	1 35	21 28	0 35	4 18	1 59	29 29	14 41	13 8	13 35	1 3		n.a.
M13	14 8	5 59	2 4	16 15	1 44	6 3	3 29	24 3	0 27	18 2	0 25	19 26	1 35	21 27	0 35	4 18	1 59	29 30	14 41	13 6	13 34	1 5		n.a.
T 14	13 49	9 39	1 5	15 31	1 39	6 28	3 36	24 6	0 28	18 3	0 25	19 26	1 35	21 27	0 35	4 17	1 59	29 30	14 41	13 5	13 33	1 7		n.a.
W15	13 29	12 58	0 2	14 47	1 34	6 53	3 44	24 8	0 29	18 5	0 25	19 27	1 35	21 26	0 35	4 17	1 59	29 31	14 41	13 5	13 32	1 10		n.a.
T 16	13 8	15 48	1s 2	14 0	1 28	7 18	3 52	24 10	0 30	18 6	0 25	19 27	1 35	21 26	0 35	4 16	1 59	29 31	14 41	13 5	13 31	1 12		n.a.
F 17	12 48	17 58	2 4	13 12	1 21	7 42	3 59	24 12	0 31	18 8	0 24	19 28	1 35	21 25	0 35	4 16	1 59	29 32	14 41	13 5	13 30	1 14		n.a.
S 18	12 28	19 19	3 2	12 23	1 14	8 6	4 7	24 13	0 32	18 10	0 24	19 28	1 35	21 24	0 35	4 16	1 59	29 32	14 41	13 5	13 29	1 16		n.a.
S 19	12 7	19 41	3 53	11 32	1 6	8 30	4 15	24 14	0 33	18 11	0 24	19 28	1 35	21 24	0 35	4 15	1 59	29 33	14 41	13 4	13 28	1 18		n.a.
M20	11 46	18 57	4 32	10 39	0 57	8 53	4 22	24 15	0 34	18 13	0 24	19 29	1 35	21 23	0 35	4 15	1 59	29 33	14 41	13 2	13 27	1 20		n.a.
T 21	11 25	17 4	4 57	9 46	0 48	9 15	4 30	24 16	0 35	18 15	0 24	19 29	1 35	21 23	0 35	4 14	2 0	29 34	14 41	13 0	13 26	1 22		n.a.
W22	11 3	14 3	5 4	8 52	0 39	9 37	4 37	24 17	0 36	18 17	0 23	19 29	1 35	21 22	0 35	4 14	2 0	29 34	14 41	12 56	13 25	1 24		n.a.
T 23	10 42	10 5	4 51	7 56	0 29	9 59	4 45	24 17	0 37	18 19	0 23	19 30	1 36	21 21	0 35	4 13	2 0	29 35	14 41	12 53	13 24	1 26		n.a.
F 24	10 20	5 24	4 17	7 0	0 18	10 19	4 53	24 17	0 38	18 21	0 23	19 30	1 36	21 21	0 35	4 13	2 0	29 35	14 41	12 50	13 23	1 28		n.a.
S 25	9 59	0 22	3 25	6 4	0 7	10 40	5 0	24 17	0 39	18 22	0 23	19 30	1 36	21 20	0 35	4 12	2 0	29 36	14 41	12 47	13 22	1 30		n.a.
S 26	9 37	4s41	2 19	5 8	0n 5	10 59	5 8	24 16	0 40	18 24	0 23	19 30	1 36	21 20	0 35	4 12	2 0	29 36	14 40	12 46	13 20	1 32		n.a.
M27	9 15	9 21	1 4	4 11	0 16	11 18	5 15	24 15	0 41	18 26	0 23	19 31	1 36	21 19	0 35	4 11	2 0	29 37	14 40	12 45	13 19	1 34		n.a.
T 28	8s52	13s22	0n13	3s15	0n28	11n36	5n23	24s14	0s42	18n28	0s22	19s31	1n36	21s19	0s35	4s11	2n 0	29n37	14n40	12s45	13s18	1n36		n.a.

Julian Day Number = 1715610.5, Delta T = 02h58m32s
Ecliptic obliquity = 23°41'41, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°16'54, Lahiri = - 4°09'54 Julian Calendar 1 Feb. 16 BCE == Greg. Calendar 30 Jan. 016 BCE

The year -15 astronomical counting style corresponds to year 016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 16 BCE
geocentric

MARCH 16 BCE (-15) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 25 38	8♓24'41	19♏51	22♓38	17♈13	7♑ 1	23♉35	3♐33	28♑18	15°R 7	17°R33	3♏18	4♏53	26♓50	n.a.	W 1
T 2	10 29 35	9°23'50	3♐33	24°26	17°39	7°45	23°42	3°35	28°21	15♎ 6	17♌32	3°R19	4°50	26°56	n.a.	T 2
F 3	10 33 31	10°22'57	16°53	26°11	18° 4	8°29	23°50	3°36	28°24	15° 4	17°30	3°19	4°47	27° 3	n.a.	F 3
S 4	10 37 28	11°22'01	29°53	27°52	18°26	9°13	23°58	3°37	28°27	15° 3	17°29	3°17	4°43	27°10	n.a.	S 4
S 5	10 41 24	12°21'04	12♑36	29°29	18°47	9°58	24° 6	3°38	28°30	15° 2	17°27	3°13	4°40	27°16	n.a.	S 5
M 6	10 45 21	13°20'06	25° 4	1♈ 1	19° 6	10°42	24°14	3°39	28°32	15° 1	17°26	3° 7	4°37	27°23	n.a.	M 6
T 7	10 49 17	14°19'05	7♒22	2°29	19°23	11°26	24°22	3°40	28°35	14°59	17°25	2°59	4°34	27°30	n.a.	T 7
W 8	10 53 14	15°18'02	19°30	3°52	19°37	12°10	24°31	3°41	28°38	14°58	17°23	2°50	4°31	27°36	n.a.	W 8
T 9	10 57 11	16°16'57	1♓30	5° 9	19°50	12°54	24°39	3°41	28°40	14°56	17°22	2°41	4°28	27°43	n.a.	T 9
F 10	11 1 7	17°15'50	13°25	6°21	20° 1	13°38	24°48	3°42	28°43	14°55	17°21	2°33	4°24	27°50	n.a.	F 10
S 11	11 5 4	18°14'41	25°16	7°28	20° 9	14°22	24°57	3°43	28°45	14°54	17°19	2°26	4°21	27°56	n.a.	S 11
S 12	11 9 0	19°13'30	7♈ 4	8°28	20°15	15° 6	25° 5	3°43	28°48	14°52	17°18	2°21	4°18	28° 3	n.a.	S 12
M13	11 12 57	20°12'17	18°52	9°22	20°19	15°50	25°14	3°43	28°50	14°51	17°17	2°17	4°15	28°10	n.a.	M13
T 14	11 16 53	21°11'01	0♉43	10°10	20°R21	16°34	25°24	3°43	28°53	14°49	17°15	2°D16	4°12	28°16	n.a.	T 14
W15	11 20 50	22° 9'44	12°39	10°52	20°20	17°18	25°33	3°R43	28°55	14°48	17°14	2°17	4° 9	28°23	n.a.	W15
T 16	11 24 46	23° 8'24	24°44	11°28	20°17	18° 2	25°42	3°43	28°58	14°46	17°13	2°18	4° 5	28°30	n.a.	T 16
F 17	11 28 43	24° 7'02	7♊ 3	11°57	20°11	18°46	25°52	3°43	29° 0	14°45	17°12	2°20	4° 2	28°36	n.a.	F 17
S 18	11 32 39	25° 5'37	19°40	12°20	20° 3	19°30	26° 1	3°43	29° 2	14°43	17°10	2°R21	3°59	28°43	n.a.	S 18
S 19	11 36 36	26° 4'10	2♋40	12°37	19°52	20°15	26°11	3°43	29° 5	14°42	17° 9	2°21	3°56	28°50	n.a.	S 19
M20	11 40 33	27° 2'42	16° 6	12°47	19°39	20°59	26°21	3°42	29° 7	14°40	17° 8	2°19	3°53	28°56	n.a.	M20
T 21	11 44 29	28° 1'10	29°59	12°R52	19°23	21°43	26°31	3°42	29° 9	14°39	17° 7	2°16	3°49	29° 3	n.a.	T 21
W22	11 48 26	28°59'37	14♌22	12°50	19° 5	22°27	26°41	3°41	29°11	14°37	17° 6	2°12	3°46	29°10	n.a.	W22
T 23	11 52 22	29°58'01	29° 9	12°42	18°44	23°11	26°51	3°41	29°13	14°36	17° 5	2° 8	3°43	29°16	n.a.	T 23
F 24	11 56 19	0♈56'23	14♍14	12°29	18°22	23°55	27° 1	3°40	29°15	14°34	17° 4	2° 3	3°40	29°23	n.a.	F 24
S 25	12 0 15	1°54'43	29°29	12°11	17°57	24°39	27°11	3°39	29°17	14°33	17° 3	2° 0	3°37	29°30	n.a.	S 25
S 26	12 4 12	2°53'01	14♎43	11°48	17°30	25°23	27°22	3°38	29°19	14°31	17° 2	1°57	3°34	29°36	n.a.	S 26
M27	12 8 8	3°51'17	29°46	11°21	17° 0	26° 7	27°32	3°37	29°21	14°29	17° 1	1°D56	3°30	29°43	n.a.	M27
T 28	12 12 5	4°49'32	14♏31	10°51	16°30	26°51	27°43	3°36	29°23	14°28	17° 0	1°57	3°27	29°50	n.a.	T 28
W29	12 16 2	5°47'45	28°51	10°17	15°57	27°35	27°53	3°34	29°25	14°26	16°59	1°58	3°24	29°56	n.a.	W29
T 30	12 19 58	6°45'56	12♐45	9°41	15°23	28°19	28° 4	3°33	29°27	14°25	16°58	2° 0	3°21	0♈ 3	n.a.	T 30
F 31	12 23 55	7♈44'06	26♐13	9♈ 3	14♈48	29♑ 3	28♉15	3♐32	29♑29	14♎23	16♌57	2♏ 1	3♏18	0♈10	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	8s30	16s29	1n28	2s20	0n40	11n54	5n30	24s13	0s43	18n31	0s22	19s31	1n36	21s18	0s35	4s10	2n 0	29n37	14n40	12s45	13s17	1n38			n.a.
T 2	8 8	18 33	2 35	1 26	0 53	12 11	5 37	24 12	0 44	18 33	0 22	19 31	1 36	21 17	0 36	4 10	2 0	29 38	14 40	12 45	13 16	1 40			n.a.
F 3	7 45	19 31	3 32	0 32	1 5	12 27	5 44	24 10	0 45	18 35	0 22	19 31	1 36	21 17	0 36	4 9	2 0	29 38	14 40	12 45	13 15	1 42			n.a.
S 4	7 23	19 25	4 17	0n19	1 17	12 42	5 51	24 8	0 46	18 37	0 22	19 31	1 36	21 16	0 36	4 9	2 0	29 38	14 40	12 45	13 14	1 44			n.a.
S 5	7 0	18 19	4 48	1 9	1 29	12 56	5 58	24 6	0 47	18 39	0 21	19 32	1 36	21 16	0 36	4 8	2 0	29 39	14 40	12 43	13 13	1 46			n.a.
M 6	6 37	16 22	5 4	1 57	1 41	13 10	6 5	24 4	0 48	18 41	0 21	19 32	1 37	21 15	0 36	4 8	2 0	29 39	14 40	12 41	13 12	1 48			n.a.
T 7	6 14	13 42	5 6	2 43	1 53	13 22	6 11	24 1	0 49	18 43	0 21	19 32	1 37	21 15	0 36	4 7	2 0	29 39	14 39	12 38	13 11	1 50			n.a.
W 8	5 51	10 28	4 54	3 26	2 4	13 34	6 17	23 58	0 51	18 46	0 21	19 32	1 37	21 14	0 36	4 7	2 0	29 40	14 39	12 35	13 10	1 52			n.a.
T 9	5 28	6 51	4 30	4 7	2 14	13 44	6 24	23 55	0 52	18 48	0 21	19 32	1 37	21 14	0 36	4 6	2 0	29 40	14 39	12 32	13 9	1 54			n.a.
F 10	5 5	3 0	3 53	4 45	2 24	13 54	6 29	23 52	0 53	18 50	0 21	19 32	1 37	21 13	0 36	4 6	2 0	29 40	14 39	12 29	13 8	1 56			n.a.
S 11	4 42	0n57	3 7	5 20	2 33	14 2	6 35	23 48	0 54	18 53	0 20	19 32	1 37	21 13	0 36	4 5	2 0	29 41	14 39	12 27	13 6	1 58			n.a.
S 12	4 19	4 52	2 12	5 52	2 42	14 9	6 40	23 44	0 55	18 55	0 20	19 32	1 37	21 12	0 36	4 4	2 0	29 41	14 39	12 25	13 5	2 0			n.a.
M13	3 55	8 35	1 12	6 21	2 49	14 16	6 45	23 40	0 56	18 57	0 20	19 32	1 37	21 12	0 36	4 4	2 0	29 41	14 38	12 24	13 4	2 3			n.a.
T 14	3 32	11 59	0 8	6 46	2 56	14 20	6 50	23 36	0 57	19 0	0 20	19 32	1 37	21 11	0 36	4 3	2 0	29 41	14 38	12 23	13 3	2 5			n.a.
W15	3 8	14 54	0s56	7 8	3 2	14 24	6 54	23 31	0 58	19 2	0 20	19 32	1 37	21 11	0 36	4 3	2 0	29 42	14 38	12 24	13 2	2 7			n.a.
T 16	2 45	17 14	1 59	7 26	3 7	14 26	6 58	23 27	0 59	19 4	0 20	19 31	1 38	21 10	0 36	4 2	2 0	29 42	14 38	12 24	13 1	2 9			n.a.
F 17	2 22	18 47	2 58	7 41	3 10	14 27	7 2	23 22	1 0	19 7	0 19	19 31	1 38	21 10	0 36	4 1	2 0	29 42	14 38	12 25	13 0	2 11			n.a.
S 18	1 58	19 28	3 50	7 53	3 13	14 27	7 5	23 17	1 2	19 9	0 19	19 31	1 38	21 9	0 36	4 1	2 1	29 42	14 37	12 25	12 59	2 13			n.a.
S 19	1 35	19 8	4 32	8 0	3 14	14 25	7 7	23 11	1 3	19 12	0 19	19 31	1 38	21 9	0 36	4 0	2 1	29 42	14 37	12 25	12 58	2 15			n.a.
M20	1 11	17 45	5 0	8 4	3 14	14 22	7 9	23 5	1 4	19 14	0 19	19 31	1 38	21 8	0 36	4 0	2 1	29 43	14 37	12 24	12 57	2 17			n.a.
T 21	0 48	15 17	5 12	8 4	3 12	14 17	7 10	23 0	1 5	19 17	0 19	19 31	1 38	21 8	0 36	3 59	2 1	29 43	14 37	12 23	12 56	2 19			n.a.
W22	0 24	11 49	5 5	8 1	3 9	14 10	7 11	22 53	1 6	19 19	0 19	19 31	1 38	21 8	0 36	3 58	2 1	29 43	14 37	12 22	12 54	2 21			n.a.
T 23	0 1	7 33	4 39	7 54	3 5	14 2	7 11	22 47	1 7	19 22	0 19	19 30	1 38	21 7	0 36	3 58	2 1	29 43	14 36	12 20	12 53	2 23			n.a.
F 24	0n23	2 42	3 52	7 44	2 59	13 53	7 11	22 41	1 8	19 24	0 18	19 30	1 38	21 7	0 36	3 57	2 1	29 43	14 36	12 19	12 52	2 25			n.a.
S 25	0 46	2s22	2 49	7 30	2 52	13 42	7 9	22 34	1 10	19 27	0 18	19 30	1 38	21 6	0 36	3 56	2 1	29 43	14 36	12 18	12 51	2 27			n.a.
S 26	1 9	7 17	1 33	7 13	2 44	13 30	7 7	22 27	1 11	19 29	0 18	19 30	1 38	21 6	0 36	3 56	2 1	29 43	14 36	12 17	12 50	2 29			n.a.
M27	1 33	11 42	0 12	6 54	2 34	13 16	7 4	22 20	1 12	19 32	0 18	19 29	1 39	21 6	0 36	3 55	2 1	29 43	14 35	12 16	12 49	2 31			n.a.
T 28	1 56	15 16	1n 9	6 31	2 23	13 0	7 1	22 12	1 13	19 34	0 18	19 29	1 39	21 5	0 36	3 55	2 1	29 43	14 35	12 17	12 48	2 33			n.a.
W29	2 20	17 48	2 23	6 6	2 10	12 44	6 57	22 5	1 14	19 37	0 18	19 29	1 39	21 5	0 36	3 54	2 1	29 43	14 35	12 17	12 47	2 35			n.a.
T 30	2 43	19 10	3 26	5 40	1 57	12 26	6 51	21 57	1 15	19 39	0 17	19 28	1 39	21 5	0 36	3 53	2 1	29 43	14 34	12 18	12 46	2 37			n.a.
F 31	3n 6	19s23	4n16	5n11	1n43	12n 6	6n45	21s49	1s16	19n42	0s17	19s28	1n39	21s 4	0s36	3s53	2n 1	29n43	14n34	12s18	12s45	2n39			n.a.

Julian Day Number = 1715638.5, Delta T = 02h58m31s
Ecliptic obliquity = 23°41'42, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°16'50, Lahiri = - 4°09'50 Julian Calendar 1 March 16 BCE == Greg. Calendar 27 Feb. 016 BCE

The year -15 astronomical counting style corresponds to year 016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 16 BCE
geocentric

APRIL 16 BCE (-15) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 27 51	8♈42'14	9♉17	8°R24	14°R12	29♉47	28♉26	3°R30	29♉30	14°R21	16°R56	2°R 1	3♏14	0♈16	n.a.	S 1
S 2	12 31 48	9°40'21	21°59	7♈44	13♈35	0♒30	28°37	3♐28	29°32	14♎20	16♌55	2♏ 1	3°11	0°23	n.a.	S 2
M 3	12 35 44	10°38'26	4♒23	7° 5	12°57	1°14	28°48	3°27	29°34	14°18	16°55	1°59	3° 8	0°30	n.a.	M 3
T 4	12 39 41	11°36'30	16°34	6°28	12°19	1°58	28°59	3°25	29°35	14°17	16°54	1°57	3° 5	0°36	n.a.	T 4
W 5	12 43 37	12°34'32	28°35	5°51	11°41	2°42	29°10	3°23	29°37	14°15	16°53	1°54	3° 2	0°43	n.a.	W 5
T 6	12 47 34	13°32'33	10♓29	5°17	11° 4	3°26	29°22	3°21	29°38	14°13	16°52	1°51	2°59	0°50	n.a.	T 6
F 7	12 51 31	14°30'32	22°18	4°46	10°26	4°10	29°33	3°19	29°40	14°12	16°52	1°48	2°55	0°56	n.a.	F 7
S 8	12 55 27	15°28'29	4♈ 6	4°19	9°50	4°54	29°44	3°17	29°41	14°10	16°51	1°46	2°52	1° 3	n.a.	S 8
S 9	12 59 24	16°26'25	15°55	3°54	9°14	5°37	29°56	3°15	29°43	14° 8	16°50	1°44	2°49	1°10	n.a.	S 9
M10	13 3 20	17°24'19	27°47	3°34	8°39	6°21	0♊ 8	3°12	29°44	14° 7	16°50	1°D44	2°46	1°16	n.a.	M10
T 11	13 7 17	18°22'12	9♉44	3°18	8° 5	7° 5	0°19	3°10	29°45	14° 5	16°49	1°44	2°43	1°23	n.a.	T 11
W12	13 11 13	19°20'03	21°49	3° 6	7°33	7°49	0°31	3° 7	29°46	14° 3	16°48	1°44	2°40	1°30	n.a.	W12
T 13	13 15 10	20°17'52	4♊ 3	2°59	7° 3	8°32	0°43	3° 5	29°48	14° 2	16°48	1°45	2°36	1°36	n.a.	T 13
F 14	13 19 6	21°15'40	16°30	2°D57	6°34	9°16	0°55	3° 2	29°49	14° 0	16°47	1°46	2°33	1°43	n.a.	F 14
S 15	13 23 3	22°13'26	29°13	2°59	6° 8	9°59	1° 7	2°59	29°50	13°59	16°47	1°47	2°30	1°50	n.a.	S 15
S 16	13 26 59	23°11'10	12♋14	3° 6	5°43	10°43	1°19	2°57	29°51	13°57	16°47	1°48	2°27	1°56	n.a.	S 16
M17	13 30 56	24° 8'52	25°36	3°17	5°21	11°26	1°31	2°54	29°52	13°55	16°46	1°R48	2°24	2° 3	n.a.	M17
T 18	13 34 53	25° 6'33	9♌22	3°33	5° 1	12°10	1°43	2°51	29°53	13°54	16°46	1°48	2°20	2°10	n.a.	T 18
W19	13 38 49	26° 4'12	23°31	3°53	4°43	12°53	1°55	2°48	29°54	13°52	16°45	1°47	2°17	2°16	n.a.	W19
T 20	13 42 46	27° 1'49	8♍ 2	4°18	4°28	13°37	2° 8	2°45	29°55	13°51	16°45	1°47	2°14	2°23	n.a.	T 20
F 21	13 46 42	27°59'24	22°51	4°47	4°15	14°20	2°20	2°41	29°55	13°49	16°45	1°46	2°11	2°30	n.a.	F 21
S 22	13 50 39	28°56'58	7♎52	5°20	4° 4	15° 3	2°32	2°38	29°56	13°47	16°45	1°46	2° 8	2°36	n.a.	S 22
S 23	13 54 35	29°54'31	22°57	5°57	3°56	15°47	2°45	2°35	29°57	13°46	16°44	1°46	2° 5	2°43	n.a.	S 23
M24	13 58 32	0♏52'02	7♏57	6°37	3°50	16°30	2°57	2°32	29°58	13°44	16°44	1°D46	2° 1	2°50	n.a.	M24
T 25	14 2 28	1°49'32	22°44	7°22	3°47	17°13	3°10	2°28	29°58	13°43	16°44	1°R46	1°58	2°56	n.a.	T 25
W26	14 6 25	2°47'02	7♐10	8°10	3°D46	17°56	3°22	2°25	29°59	13°41	16°44	1°46	1°55	3° 3	n.a.	W26
T 27	14 10 22	3°44'30	21°12	9° 2	3°47	18°39	3°35	2°21	29°59	13°40	16°44	1°46	1°52	3°10	n.a.	T 27
F 28	14 14 18	4°41'57	4♑48	9°57	3°51	19°22	3°48	2°18	29°59	13°38	16°44	1°46	1°49	3°16	n.a.	F 28
S 29	14 18 15	5°39'23	17°58	10°56	3°57	20° 5	4° 0	2°14	0♒ 0	13°37	16°44	1°45	1°46	3°23	n.a.	S 29
S 30	14 22 11	6♉36'49	0♒45	11♈58	4♈ 5	20♒48	4♊13	2♐10	0♒ 1	13♎35	16°D44	1°D45	1♏42	3♈30	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n29	18s32	4n51	4n42	1n27	11n46	6n39	21s41	1s18	19n45	0s17	19s28	1n39	21s 4	0s36	3s52	2n 1	29n43	14n34	12s18	12s44	2n41		n.a.
S 2	3 52	16 46	5 10	4 12	1 11	11 24	6 31	21 32	1 19	19 47	0 17	19 27	1 39	21 4	0 36	3 51	2 1	29 43	14 34	12 18	12 42	2 43		n.a.
M 3	4 15	14 16	5 15	3 41	0 55	11 2	6 23	21 24	1 20	19 50	0 17	19 27	1 39	21 3	0 36	3 51	2 1	29 43	14 33	12 17	12 41	2 45		n.a.
T 4	4 38	11 11	5 5	3 11	0 38	10 39	6 14	21 15	1 21	19 52	0 17	19 26	1 39	21 3	0 36	3 50	2 1	29 43	14 33	12 17	12 40	2 47		n.a.
W 5	5 1	7 41	4 42	2 41	0 21	10 15	6 4	21 6	1 22	19 55	0 17	19 26	1 39	21 3	0 37	3 49	2 1	29 43	14 33	12 16	12 39	2 49		n.a.
T 6	5 24	3 55	4 7	2 11	0 4	9 50	5 54	20 57	1 23	19 58	0 16	19 26	1 39	21 2	0 37	3 49	2 1	29 43	14 32	12 14	12 38	2 51		n.a.
F 7	5 47	0 1	3 21	1 44	0s12	9 25	5 43	20 47	1 25	20 0	0 16	19 25	1 39	21 2	0 37	3 48	2 1	29 43	14 32	12 14	12 37	2 53		n.a.
S 8	6 9	3n54	2 27	1 17	0 29	9 0	5 31	20 38	1 26	20 3	0 16	19 25	1 39	21 2	0 37	3 47	2 1	29 43	14 32	12 13	12 36	2 55		n.a.
S 9	6 32	7 39	1 26	0 53	0 45	8 34	5 19	20 28	1 27	20 5	0 16	19 24	1 39	21 2	0 37	3 47	2 1	29 43	14 31	12 12	12 35	2 57		n.a.
M10	6 54	11 8	0 22	0 31	1 0	8 9	5 7	20 18	1 28	20 8	0 16	19 24	1 40	21 1	0 37	3 46	2 1	29 43	14 31	12 12	12 34	2 59		n.a.
T 11	7 17	14 11	0s44	0 11	1 15	7 44	4 54	20 8	1 29	20 11	0 16	19 23	1 40	21 1	0 37	3 46	2 1	29 43	14 31	12 12	12 33	3 1		n.a.
W12	7 39	16 39	1 49	0s 7	1 29	7 19	4 40	19 58	1 30	20 13	0 16	19 23	1 40	21 1	0 37	3 45	2 1	29 43	14 30	12 12	12 31	3 3		n.a.
T 13	8 1	18 24	2 50	0 22	1 43	6 54	4 27	19 48	1 32	20 16	0 15	19 22	1 40	21 1	0 37	3 44	2 1	29 43	14 30	12 13	12 30	3 5		n.a.
F 14	8 23	19 17	3 44	0 35	1 55	6 30	4 13	19 37	1 33	20 19	0 15	19 21	1 40	21 0	0 37	3 44	2 1	29 42	14 30	12 13	12 29	3 7		n.a.
S 15	8 45	19 14	4 28	0 45	2 7	6 7	3 59	19 26	1 34	20 21	0 15	19 21	1 40	21 0	0 37	3 43	2 1	29 42	14 29	12 13	12 28	3 9		n.a.
S 16	9 6	18 9	4 59	0 52	2 18	5 44	3 45	19 15	1 35	20 24	0 15	19 20	1 40	21 0	0 37	3 42	2 1	29 42	14 29	12 14	12 27	3 11		n.a.
M17	9 28	16 4	5 16	0 56	2 28	5 22	3 31	19 4	1 36	20 26	0 15	19 20	1 40	21 0	0 37	3 42	2 1	29 42	14 29	12 14	12 26	3 13		n.a.
T 18	9 49	13 2	5 15	0 58	2 37	5 1	3 17	18 53	1 38	20 29	0 15	19 19	1 40	21 0	0 37	3 41	2 1	29 42	14 28	12 13	12 25	3 15		n.a.
W19	10 10	9 11	4 55	0 57	2 45	4 41	3 3	18 42	1 39	20 32	0 15	19 18	1 40	20 59	0 37	3 41	2 1	29 41	14 28	12 13	12 24	3 17		n.a.
T 20	10 31	4 41	4 16	0 54	2 52	4 22	2 49	18 30	1 40	20 34	0 15	19 18	1 40	20 59	0 37	3 40	2 1	29 41	14 27	12 13	12 23	3 18		n.a.
F 21	10 52	0s11	3 20	0 48	2 58	4 4	2 35	18 19	1 41	20 37	0 14	19 17	1 40	20 59	0 37	3 39	2 1	29 41	14 27	12 13	12 22	3 20		n.a.
S 22	11 13	5 8	2 9	0 40	3 3	3 48	2 21	18 7	1 42	20 39	0 14	19 17	1 40	20 59	0 37	3 39	2 1	29 41	14 27	12 13	12 20	3 22		n.a.
S 23	11 34	9 46	0 49	0 29	3 8	3 32	2 8	17 55	1 43	20 42	0 14	19 16	1 40	20 59	0 37	3 38	2 1	29 40	14 26	12 13	12 19	3 24		n.a.
M24	11 54	13 46	0n34	0 16	3 11	3 17	1 55	17 43	1 44	20 45	0 14	19 15	1 40	20 59	0 37	3 38	2 1	29 40	14 26	12 13	12 18	3 26		n.a.
T 25	12 14	16 49	1 54	0 1	3 14	3 4	1 42	17 31	1 46	20 47	0 14	19 14	1 40	20 59	0 37	3 37	2 1	29 40	14 26	12 13	12 17	3 28		n.a.
W26	12 34	18 42	3 4	0n17	3 16	2 52	1 29	17 19	1 47	20 50	0 14	19 14	1 40	20 59	0 37	3 36	2 1	29 39	14 25	12 13	12 16	3 30		n.a.
T 27	12 54	19 23	4 2	0 36	3 17	2 41	1 16	17 6	1 48	20 52	0 14	19 13	1 40	20 59	0 37	3 36	2 1	29 39	14 25	12 13	12 15	3 32		n.a.
F 28	13 13	18 53	4 43	0 58	3 18	2 31	1 4	16 54	1 49	20 55	0 14	19 12	1 40	20 58	0 37	3 35	2 1	29 39	14 25	12 13	12 14	3 34		n.a.
S 29	13 33	17 22	5 9	1 21	3 17	2 23	0 52	16 41	1 50	20 57	0 13	19 12	1 40	20 58	0 37	3 35	2 1	29 39	14 24	12 13	12 13	3 36		n.a.
S 30	13n52	15s 2	5n18	1n47	3s16	2n16	0n41	16s28	1s51	21n 0	0s13	19s11	1n40	20s58	0s37	3s34	2n 1	29n38	14n24	12s13	12s12	3n38		n.a.

Julian Day Number = 1715669.5, Delta T = 02h58m30s
Ecliptic obliquity = 23°41'41, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°16'46, Lahiri = - 4°09'46 Julian Calendar 1 Apr. 16 BCE == Greg. Calendar 30 March 016 BCE

The year -15 astronomical counting style corresponds to year 016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 16 BCE
geocentric

MAY 16 BCE (-15) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 26 8	7♉34'13	13♒11	13♈ 2	4♈15	21♒31	4♊26	2°R 6	0♒ 1	13°R34	16♌44	1♏45	1♏39	3♈36	n.a.	M 1
T 2	14 30 4	8°31'37	25°21	14°11	4°28	22°14	4°39	2♐ 3	0° 1	13♎32	16°44	1°45	1°36	3°43	n.a.	T 2
W 3	14 34 1	9°29'00	7♓19	15°22	4°42	22°57	4°52	1°59	0° 1	13°31	16°44	1°46	1°33	3°50	n.a.	W 3
T 4	14 37 57	10°26'22	19°10	16°36	4°58	23°39	5° 5	1°55	0° 2	13°30	16°44	1°47	1°30	3°56	n.a.	T 4
F 5	14 41 54	11°23'44	0♈58	17°53	5°17	24°22	5°18	1°51	0° 2	13°28	16°44	1°48	1°26	4° 3	n.a.	F 5
S 6	14 45 51	12°21'05	12°47	19°12	5°37	25° 5	5°31	1°47	0° 2	13°27	16°44	1°49	1°23	4°10	n.a.	S 6
S 7	14 49 47	13°18'25	24°39	20°35	5°59	25°47	5°44	1°43	0°R 2	13°25	16°44	1°49	1°20	4°16	n.a.	S 7
M 8	14 53 44	14°15'44	6♉38	22° 0	6°22	26°30	5°57	1°39	0° 2	13°24	16°44	1°R49	1°17	4°23	n.a.	M 8
T 9	14 57 40	15°13'02	18°46	23°29	6°48	27°12	6°10	1°35	0° 2	13°23	16°45	1°49	1°14	4°30	n.a.	T 9
W10	15 1 37	16°10'20	1♊ 3	25° 0	7°15	27°54	6°23	1°30	0° 2	13°21	16°45	1°47	1°11	4°36	n.a.	W10
T 11	15 5 33	17° 7'37	13°33	26°33	7°43	28°36	6°36	1°26	0° 1	13°20	16°45	1°45	1° 7	4°43	n.a.	T 11
F 12	15 9 30	18° 4'53	26°16	28°10	8°13	29°19	6°49	1°22	0° 1	13°19	16°46	1°43	1° 4	4°50	n.a.	F 12
S 13	15 13 26	19° 2'08	9♋13	29°49	8°44	0♓ 1	7° 3	1°18	0° 1	13°18	16°46	1°41	1° 1	4°56	n.a.	S 13
S 14	15 17 23	19°59'23	22°25	1♉30	9°17	0°43	7°16	1°14	0° 1	13°16	16°47	1°39	0°58	5° 3	n.a.	S 14
M15	15 21 20	20°56'36	5♌52	3°15	9°51	1°24	7°29	1° 9	0° 0	13°15	16°47	1°37	0°55	5°10	n.a.	M15
T 16	15 25 16	21°53'48	19°36	5° 2	10°26	2° 6	7°42	1° 5	29♑59	13°14	16°47	1°D37	0°51	5°16	n.a.	T 16
W17	15 29 13	22°51'00	3♍37	6°51	11° 2	2°48	7°56	1° 1	29°59	13°13	16°48	1°37	0°48	5°23	n.a.	W17
T 18	15 33 9	23°48'10	17°52	8°44	11°40	3°30	8° 9	0°56	29°59	13°12	16°49	1°38	0°45	5°30	n.a.	T 18
F 19	15 37 6	24°45'20	2♎21	10°38	12°18	4°11	8°23	0°52	29°58	13°10	16°49	1°39	0°42	5°36	n.a.	F 19
S 20	15 41 2	25°42'29	17° 0	12°35	12°58	4°52	8°36	0°48	29°58	13° 9	16°50	1°41	0°39	5°43	n.a.	S 20
S 21	15 44 59	26°39'38	1♏44	14°34	13°39	5°34	8°49	0°43	29°57	13° 8	16°50	1°R41	0°36	5°50	n.a.	S 21
M22	15 48 55	27°36'46	16°26	16°36	14°21	6°15	9° 3	0°39	29°57	13° 7	16°51	1°40	0°32	5°56	n.a.	M22
T 23	15 52 52	28°33'53	1♐ 0	18°39	15° 4	6°56	9°16	0°34	29°56	13° 6	16°52	1°39	0°29	6° 3	n.a.	T 23
W24	15 56 49	29°31'01	15°19	20°44	15°47	7°37	9°30	0°30	29°55	13° 5	16°52	1°35	0°26	6°10	n.a.	W24
T 25	16 0 45	0♊28'08	29°19	22°51	16°32	8°18	9°43	0°26	29°54	13° 4	16°53	1°31	0°23	6°16	n.a.	T 25
F 26	16 4 42	1°25'15	12♑56	24°59	17°18	8°59	9°57	0°21	29°53	13° 3	16°54	1°27	0°20	6°23	n.a.	F 26
S 27	16 8 38	2°22'22	26° 9	27° 8	18° 4	9°40	10°10	0°17	29°52	13° 2	16°55	1°23	0°17	6°30	n.a.	S 27
S 28	16 12 35	3°19'28	8♒58	29°18	18°51	10°20	10°24	0°12	29°51	13° 1	16°56	1°20	0°13	6°36	n.a.	S 28
M29	16 16 31	4°16'35	21°27	1♊29	19°39	11° 1	10°37	0° 8	29°50	13° 1	16°56	1°17	0°10	6°43	n.a.	M29
T 30	16 20 28	5°13'42	3♓38	3°40	20°28	11°41	10°51	0° 4	29°49	13° 0	16°57	1°D17	0° 7	6°50	n.a.	T 30
W31	16 24 25	6♊10'49	15♓37	5♊50	21♈17	12♓21	11♊ 4	29♏59	29♑48	12♎59	16♌58	1♏17	0♏ 4	6♈56	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	14n11	12s 4	5n11	2n14	3s14	2n 9	0n29	16s15	1s53	21n 2	0s13	19s10	1n40	20s58	0s37	3s34	2n 0	29n38	14n23	12s13	12s10	3n40			n.a.
T 2	14 30	8 38	4 51	2 43	3 11	2 4	0 18	16 2	1 54	21 5	0 13	19 9	1 40	20 58	0 37	3 33	2 0	29 37	14 23	12 13	12 9	3 42			n.a.
W 3	14 48	4 55	4 19	3 13	3 8	2 0	0 8	15 49	1 55	21 7	0 13	19 9	1 40	20 58	0 38	3 33	2 0	29 37	14 23	12 13	12 8	3 44			n.a.
T 4	15 7	1 2	3 35	3 46	3 4	1 58	0s 2	15 36	1 56	21 10	0 13	19 8	1 40	20 58	0 38	3 32	2 0	29 37	14 22	12 13	12 7	3 46			n.a.
F 5	15 25	2n53	2 43	4 19	3 0	1 56	0 12	15 23	1 57	21 12	0 13	19 7	1 40	20 58	0 38	3 32	2 0	29 36	14 22	12 13	12 6	3 48			n.a.
S 6	15 42	6 41	1 44	4 55	2 54	1 55	0 22	15 9	1 58	21 15	0 13	19 6	1 40	20 58	0 38	3 31	2 0	29 36	14 21	12 14	12 5	3 50			n.a.
S 7	16 0	10 16	0 40	5 31	2 49	1 55	0 31	14 56	1 59	21 17	0 13	19 5	1 40	20 58	0 38	3 31	2 0	29 35	14 21	12 14	12 4	3 52			n.a.
M 8	16 17	13 27	0s27	6 9	2 42	1 56	0 40	14 42	2 1	21 20	0 12	19 5	1 40	20 58	0 38	3 30	2 0	29 35	14 21	12 14	12 3	3 54			n.a.
T 9	16 34	16 6	1 33	6 49	2 35	1 59	0 49	14 29	2 2	21 22	0 12	19 4	1 40	20 58	0 38	3 30	2 0	29 35	14 20	12 14	12 2	3 56			n.a.
W10	16 51	18 4	2 35	7 29	2 28	2 2	0 57	14 15	2 3	21 24	0 12	19 3	1 40	20 59	0 38	3 29	2 0	29 34	14 20	12 13	12 0	3 58			n.a.
T 11	17 8	19 11	3 31	8 11	2 20	2 6	1 5	14 1	2 4	21 27	0 12	19 2	1 40	20 59	0 38	3 29	2 0	29 34	14 20	12 13	11 59	4 0			n.a.
F 12	17 24	19 21	4 18	8 53	2 12	2 10	1 13	13 47	2 5	21 29	0 12	19 1	1 40	20 59	0 38	3 28	2 0	29 33	14 19	12 12	11 58	4 2			n.a.
S 13	17 40	18 31	4 52	9 37	2 3	2 16	1 20	13 33	2 6	21 31	0 12	19 0	1 40	20 59	0 38	3 28	2 0	29 33	14 19	12 11	11 57	4 4			n.a.
S 14	17 56	16 41	5 12	10 21	1 53	2 22	1 28	13 19	2 7	21 34	0 12	19 0	1 40	20 59	0 38	3 27	2 0	29 32	14 18	12 10	11 56	4 6			n.a.
M15	18 11	13 55	5 15	11 6	1 44	2 30	1 34	13 5	2 8	21 36	0 12	18 59	1 40	20 59	0 38	3 27	2 0	29 32	14 18	12 10	11 55	4 7			n.a.
T 16	18 26	10 21	5 0	11 52	1 34	2 38	1 41	12 51	2 10	21 38	0 11	18 58	1 40	20 59	0 38	3 26	2 0	29 31	14 18	12 10	11 54	4 9			n.a.
W17	18 41	6 8	4 28	12 38	1 23	2 46	1 47	12 37	2 11	21 41	0 11	18 57	1 40	20 59	0 38	3 26	2 0	29 31	14 17	12 10	11 53	4 11			n.a.
T 18	18 55	1 30	3 39	13 25	1 13	2 56	1 53	12 22	2 12	21 43	0 11	18 56	1 40	20 59	0 38	3 25	2 0	29 30	14 17	12 10	11 51	4 13			n.a.
F 19	19 10	3s18	2 35	14 12	1 2	3 6	1 59	12 8	2 13	21 45	0 11	18 55	1 40	21 0	0 38	3 25	2 0	29 30	14 16	12 11	11 50	4 15			n.a.
S 20	19 23	7 59	1 20	14 58	0 51	3 16	2 4	11 54	2 14	21 47	0 11	18 54	1 40	21 0	0 38	3 25	2 0	29 29	14 16	12 11	11 49	4 17			n.a.
S 21	19 37	12 12	0n 0	15 45	0 40	3 27	2 9	11 39	2 15	21 50	0 11	18 54	1 40	21 0	0 38	3 24	2 0	29 28	14 16	12 11	11 48	4 19			n.a.
M22	19 50	15 39	1 20	16 31	0 29	3 39	2 14	11 25	2 16	21 52	0 11	18 53	1 40	21 0	0 38	3 24	2 0	29 28	14 15	12 11	11 47	4 21			n.a.
T 23	20 3	18 4	2 34	17 17	0 17	3 52	2 19	11 11	2 17	21 54	0 11	18 52	1 40	21 0	0 38	3 24	2 0	29 27	14 15	12 10	11 46	4 23			n.a.
W24	20 16	19 17	3 37	18 2	0 6	4 5	2 23	10 56	2 18	21 56	0 11	18 51	1 40	21 0	0 38	3 23	2 0	29 27	14 15	12 9	11 45	4 25			n.a.
T 25	20 28	19 16	4 25	18 45	0n 5	4 18	2 28	10 41	2 19	21 58	0 11	18 50	1 39	21 1	0 38	3 23	2 0	29 26	14 14	12 8	11 44	4 27			n.a.
F 26	20 40	18 8	4 57	19 28	0 15	4 32	2 31	10 27	2 20	22 0	0 10	18 49	1 39	21 1	0 38	3 23	2 0	29 25	14 14	12 6	11 42	4 29			n.a.
S 27	20 51	16 2	5 12	20 9	0 26	4 46	2 35	10 12	2 21	22 3	0 10	18 49	1 39	21 1	0 38	3 22	1 59	29 25	14 14	12 5	11 41	4 31			n.a.
S 28	21 3	13 13	5 10	20 48	0 36	5 1	2 39	9 58	2 22	22 5	0 10	18 48	1 39	21 1	0 38	3 22	1 59	29 24	14 13	12 4	11 40	4 33			n.a.
M29	21 14	9 52	4 54	21 25	0 45	5 16	2 42	9 43	2 23	22 7	0 10	18 47	1 39	21 2	0 38	3 22	1 59	29 24	14 13	12 3	11 39	4 34			n.a.
T 30	21 24	6 10	4 25	22 0	0 55	5 32	2 45	9 28	2 24	22 9	0 10	18 46	1 39	21 2	0 38	3 21	1 59	29 23	14 12	12 3	11 38	4 36			n.a.
W31	21n34	2s17	3n44	22n33	1n 3	5n48	2s48	9s14	2s25	22n11	0s10	18s45	1n39	21s 2	0s38	3s21	1n59	29n22	14n12	12s 3	11s37	4n38			n.a.

Julian Day Number = 1715699.5, Delta T = 02h58m29s
Ecliptic obliquity = 23°41'41, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°16'42, Lahiri = - 4°09'42 Julian Calendar 1 May 16 BCE == Greg. Calendar 29 Apr. 016 BCE

The year -15 astronomical counting style corresponds to year 016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 16 BCE
geocentric

JUNE 16 BCE (-15) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 28 21	7♊ 7'57	27♓28	8♊ 1	22♈ 7	13♓ 2	11♊18	29°R55	29°R47	12°R58	16♌59	1♏18	0♏ 1	7♈ 3	n.a.	T 1
F 2	16 32 18	8° 5'04	9♈16	10°11	22°58	13°42	11°31	29♏50	29♑46	12♎57	17° 0	1°20	29♎57	7°10	n.a.	F 2
S 3	16 36 14	9° 2'12	21° 7	12°20	23°49	14°21	11°45	29°46	29°45	12°57	17° 1	1°21	29°54	7°16	n.a.	S 3
S 4	16 40 11	9°59'20	3♉ 4	14°29	24°41	15° 1	11°58	29°42	29°44	12°56	17° 2	1°R22	29°51	7°23	n.a.	S 4
M 5	16 44 7	10°56'28	15°11	16°36	25°34	15°41	12°12	29°38	29°42	12°55	17° 3	1°21	29°48	7°30	n.a.	M 5
T 6	16 48 4	11°53'36	27°30	18°42	26°27	16°20	12°25	29°33	29°41	12°54	17° 4	1°18	29°45	7°36	n.a.	T 6
W 7	16 52 0	12°50'45	10♊ 4	20°46	27°21	17° 0	12°39	29°29	29°40	12°54	17° 5	1°13	29°42	7°43	n.a.	W 7
T 8	16 55 57	13°47'54	22°53	22°49	28°15	17°39	12°53	29°25	29°38	12°53	17° 7	1° 7	29°38	7°49	n.a.	T 8
F 9	16 59 54	14°45'03	5♋58	24°50	29°10	18°18	13° 6	29°21	29°37	12°53	17° 8	1° 0	29°35	7°56	n.a.	F 9
S 10	17 3 50	15°42'12	19°16	26°49	0♉ 5	18°57	13°20	29°16	29°35	12°52	17° 9	0°53	29°32	8° 3	n.a.	S 10
S 11	17 7 47	16°39'21	2♌47	28°47	1° 1	19°35	13°33	29°12	29°34	12°52	17°10	0°46	29°29	8° 9	n.a.	S 11
M12	17 11 43	17°36'30	16°30	0♋43	1°57	20°14	13°47	29° 8	29°32	12°51	17°11	0°41	29°26	8°16	n.a.	M12
T 13	17 15 40	18°33'39	0♍22	2°37	2°54	20°52	14° 0	29° 4	29°31	12°51	17°13	0°37	29°23	8°23	n.a.	T 13
W14	17 19 36	19°30'49	14°23	4°29	3°51	21°30	14°14	29° 0	29°29	12°50	17°14	0°D36	29°19	8°29	n.a.	W14
T 15	17 23 33	20°27'58	28°30	6°19	4°48	22° 8	14°27	28°56	29°27	12°50	17°15	0°36	29°16	8°36	n.a.	T 15
F 16	17 27 29	21°25'08	12♎44	8° 7	5°46	22°46	14°41	28°52	29°26	12°49	17°17	0°37	29°13	8°43	n.a.	F 16
S 17	17 31 26	22°22'17	27° 1	9°54	6°45	23°24	14°54	28°48	29°24	12°49	17°18	0°R38	29°10	8°49	n.a.	S 17
S 18	17 35 23	23°19'27	11♏20	11°38	7°43	24° 1	15° 8	28°45	29°22	12°49	17°19	0°37	29° 7	8°56	n.a.	S 18
M19	17 39 19	24°16'37	25°37	13°21	8°42	24°39	15°21	28°41	29°20	12°49	17°21	0°35	29° 3	9° 3	n.a.	M19
T 20	17 43 16	25°13'48	9♐49	15° 2	9°42	25°16	15°35	28°37	29°18	12°48	17°22	0°30	29° 0	9° 9	n.a.	T 20
W21	17 47 12	26°10'59	23°50	16°41	10°42	25°53	15°48	28°34	29°17	12°48	17°24	0°23	28°57	9°16	n.a.	W21
T 22	17 51 9	27° 8'11	7♑36	18°18	11°42	26°29	16° 2	28°30	29°15	12°48	17°25	0°15	28°54	9°23	n.a.	T 22
F 23	17 55 5	28° 5'24	21° 4	19°53	12°42	27° 6	16°15	28°26	29°13	12°48	17°27	0° 5	28°51	9°29	n.a.	F 23
S 24	17 59 2	29° 2'37	4♒12	21°27	13°43	27°42	16°28	28°23	29°11	12°48	17°28	29♎56	28°48	9°36	n.a.	S 24
S 25	18 2 58	29°59'51	16°58	22°58	14°44	28°18	16°42	28°19	29° 9	12°48	17°30	29°48	28°44	9°43	n.a.	S 25
M26	18 6 55	0♋57'06	29°26	24°27	15°45	28°54	16°55	28°16	29° 7	12°48	17°31	29°41	28°41	9°49	n.a.	M26
T 27	18 10 52	1°54'22	11♓37	25°55	16°47	29°30	17° 8	28°13	29° 5	12°D48	17°33	29°37	28°38	9°56	n.a.	T 27
W28	18 14 48	2°51'39	23°36	27°21	17°49	0♈ 5	17°22	28°10	29° 3	12°48	17°35	29°35	28°35	10° 3	n.a.	W28
T 29	18 18 45	3°48'57	5♈27	28°44	18°51	0°41	17°35	28° 6	29° 1	12°48	17°36	29°D34	28°32	10° 9	n.a.	T 29
F 30	18 22 41	4♋46'17	17♈16	0♌ 6	19♉54	1♈16	17♊48	28♏ 3	28♑59	12♎48	17♌38	29♎35	28♎29	10♈16	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n44	1n39	2n55	23n 3	1n11	6n 4	2s51	8s59	2s26	22n13	0s10	18s44	1n39	21s 2	0s39	3s21	1n59	29n22	14n12	12s 3	11s36	4n40		n.a.
F 2	21 53	5 31	1 58	23 31	1 19	6 21	2 53	8 45	2 27	22 15	0 10	18 43	1 39	21 3	0 39	3 21	1 59	29 21	14 11	12 4	11 35	4 42		n.a.
S 3	22 2	9 11	0 56	23 56	1 25	6 38	2 55	8 30	2 28	22 17	0 10	18 43	1 39	21 3	0 39	3 20	1 59	29 20	14 11	12 4	11 33	4 44		n.a.
S 4	22 11	12 31	0s 9	24 18	1 31	6 55	2 57	8 15	2 29	22 19	0 9	18 42	1 39	21 3	0 39	3 20	1 59	29 20	14 11	12 4	11 32	4 46		n.a.
M 5	22 19	15 22	1 15	24 37	1 37	7 13	2 59	8 1	2 30	22 20	0 9	18 41	1 38	21 4	0 39	3 20	1 59	29 19	14 10	12 4	11 31	4 48		n.a.
T 6	22 27	17 35	2 17	24 54	1 42	7 30	3 1	7 46	2 31	22 22	0 9	18 40	1 38	21 4	0 39	3 20	1 59	29 18	14 10	12 3	11 30	4 50		n.a.
W 7	22 35	18 59	3 15	25 7	1 45	7 48	3 2	7 31	2 32	22 24	0 9	18 39	1 38	21 4	0 39	3 19	1 59	29 18	14 10	12 1	11 29	4 52		n.a.
T 8	22 42	19 27	4 3	25 18	1 49	8 7	3 4	7 17	2 33	22 26	0 9	18 39	1 38	21 4	0 39	3 19	1 59	29 17	14 9	11 59	11 28	4 54		n.a.
F 9	22 49	18 54	4 40	25 27	1 51	8 25	3 5	7 2	2 34	22 28	0 9	18 38	1 38	21 5	0 39	3 19	1 59	29 16	14 9	11 57	11 27	4 56		n.a.
S 10	22 55	17 18	5 2	25 32	1 53	8 43	3 6	6 48	2 35	22 30	0 9	18 37	1 38	21 5	0 39	3 19	1 59	29 16	14 9	11 54	11 26	4 57		n.a.
S 11	23 1	14 45	5 8	25 36	1 54	9 2	3 7	6 33	2 36	22 32	0 9	18 36	1 38	21 6	0 39	3 19	1 59	29 15	14 8	11 52	11 24	4 59		n.a.
M12	23 7	11 20	4 57	25 36	1 55	9 21	3 7	6 19	2 37	22 33	0 9	18 35	1 38	21 6	0 39	3 19	1 59	29 14	14 8	11 50	11 23	5 1		n.a.
T 13	23 12	7 17	4 28	25 35	1 55	9 40	3 8	6 4	2 38	22 35	0 9	18 35	1 37	21 6	0 39	3 19	1 59	29 14	14 8	11 49	11 22	5 3		n.a.
W14	23 16	2 47	3 43	25 31	1 54	9 59	3 8	5 50	2 39	22 37	0 8	18 34	1 37	21 7	0 39	3 18	1 58	29 13	14 7	11 48	11 21	5 5		n.a.
T 15	23 21	1s54	2 44	25 25	1 52	10 18	3 8	5 36	2 40	22 38	0 8	18 33	1 37	21 7	0 39	3 18	1 58	29 12	14 7	11 48	11 20	5 7		n.a.
F 16	23 25	6 32	1 35	25 17	1 50	10 37	3 8	5 21	2 41	22 40	0 8	18 33	1 37	21 7	0 39	3 18	1 58	29 11	14 7	11 49	11 19	5 9		n.a.
S 17	23 28	10 49	0 19	25 7	1 48	10 57	3 8	5 7	2 42	22 42	0 8	18 32	1 37	21 8	0 39	3 18	1 58	29 11	14 7	11 49	11 18	5 11		n.a.
S 18	23 31	14 29	0n57	24 55	1 45	11 16	3 8	4 53	2 43	22 43	0 8	18 31	1 37	21 8	0 39	3 18	1 58	29 10	14 6	11 49	11 16	5 13		n.a.
M19	23 34	17 16	2 10	24 41	1 41	11 35	3 8	4 39	2 44	22 45	0 8	18 30	1 37	21 9	0 39	3 18	1 58	29 9	14 6	11 48	11 15	5 14		n.a.
T 20	23 36	18 57	3 14	24 26	1 37	11 55	3 7	4 25	2 44	22 46	0 8	18 30	1 37	21 9	0 39	3 18	1 58	29 8	14 6	11 46	11 14	5 16		n.a.
W21	23 38	19 27	4 6	24 10	1 32	12 14	3 7	4 11	2 45	22 48	0 8	18 29	1 36	21 9	0 39	3 18	1 58	29 8	14 5	11 44	11 13	5 18		n.a.
T 22	23 40	18 47	4 42	23 52	1 27	12 33	3 6	3 57	2 46	22 50	0 8	18 28	1 36	21 10	0 39	3 18	1 58	29 7	14 5	11 41	11 12	5 20		n.a.
F 23	23 41	17 4	5 1	23 32	1 21	12 53	3 5	3 43	2 47	22 51	0 8	18 28	1 36	21 10	0 39	3 18	1 58	29 6	14 5	11 37	11 11	5 22		n.a.
S 24	23 41	14 29	5 4	23 12	1 15	13 12	3 4	3 29	2 48	22 53	0 7	18 27	1 36	21 11	0 39	3 18	1 58	29 5	14 5	11 34	11 10	5 24		n.a.
S 25	23 42	11 17	4 52	22 50	1 8	13 31	3 3	3 15	2 49	22 54	0 7	18 27	1 36	21 11	0 39	3 18	1 58	29 5	14 4	11 31	11 8	5 26		n.a.
M26	23 41	7 39	4 25	22 28	1 1	13 50	3 2	3 2	2 49	22 55	0 7	18 26	1 36	21 12	0 39	3 18	1 58	29 4	14 4	11 29	11 7	5 28		n.a.
T 27	23 41	3 47	3 47	22 4	0 54	14 9	3 0	2 48	2 50	22 57	0 7	18 25	1 35	21 12	0 39	3 18	1 58	29 3	14 4	11 27	11 6	5 30		n.a.
W28	23 40	0n11	3 0	21 40	0 46	14 28	2 59	2 34	2 51	22 58	0 7	18 25	1 35	21 12	0 39	3 18	1 58	29 2	14 4	11 26	11 5	5 31		n.a.
T 29	23 38	4 6	2 5	21 15	0 38	14 46	2 57	2 21	2 52	23 0	0 7	18 24	1 35	21 13	0 39	3 18	1 58	29 2	14 3	11 26	11 4	5 33		n.a.
F 30	23n36	7n51	1n 5	20n50	0n30	15n 5	2s56	2s 8	2s53	23n 1	0s 7	18s24	1n35	21s13	0s39	3s18	1n57	29n 1	14n 3	11s26	11s 3	5n35		n.a.

Julian Day Number = 1715730.5, Delta T = 02h58m28s
Ecliptic obliquity = 23°41'40, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°16'38, Lahiri = - 4°09'37 Julian Calendar 1 June 16 BCE == Greg. Calendar 30 May 016 BCE

The year -15 astronomical counting style corresponds to year 016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 16 BCE
geocentric

JULY 16 BCE (-15) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 26 38	5♋43'37	29♈ 8	1♌26	20♉57	1♈51	18♊ 1	28°R 0	28°R56	12♎48	17♌40	29°R35	28♎25	10♈23	n.a.	S 1
S 2	18 30 34	6°40'59	11♉ 8	2°43	22° 0	2°25	18°14	27♏57	28♑54	12°48	17°41	29♎34	28°22	10°29	n.a.	S 2
M 3	18 34 31	7°38'22	23°21	3°59	23° 3	2°59	18°28	27°54	28°52	12°48	17°43	29°32	28°19	10°36	n.a.	M 3
T 4	18 38 27	8°35'46	5♊50	5°12	24° 7	3°33	18°41	27°52	28°50	12°48	17°45	29°27	28°16	10°42	n.a.	T 4
W 5	18 42 24	9°33'11	18°38	6°23	25°11	4° 7	18°54	27°49	28°48	12°49	17°47	29°20	28°13	10°49	n.a.	W 5
T 6	18 46 21	10°30'38	1♋46	7°32	26°15	4°41	19° 7	27°46	28°46	12°49	17°48	29°10	28° 9	10°56	n.a.	T 6
F 7	18 50 17	11°28'05	15°13	8°38	27°19	5°14	19°20	27°44	28°43	12°49	17°50	28°59	28° 6	11° 2	n.a.	F 7
S 8	18 54 14	12°25'34	28°57	9°42	28°24	5°47	19°33	27°41	28°41	12°50	17°52	28°48	28° 3	11° 9	n.a.	S 8
S 9	18 58 10	13°23'04	12♌54	10°43	29°28	6°19	19°46	27°39	28°39	12°50	17°54	28°37	28° 0	11°16	n.a.	S 9
M10	19 2 7	14°20'34	26°59	11°41	0♊33	6°52	19°59	27°36	28°36	12°50	17°56	28°28	27°57	11°22	n.a.	M10
T 11	19 6 3	15°18'06	11♍ 9	12°37	1°38	7°24	20°12	27°34	28°34	12°51	17°57	28°22	27°54	11°29	n.a.	T 11
W12	19 10 0	16°15'39	25°20	13°29	2°44	7°55	20°24	27°32	28°32	12°51	17°59	28°19	27°50	11°36	n.a.	W12
T 13	19 13 57	17°13'12	9♎31	14°19	3°49	8°27	20°37	27°30	28°29	12°52	18° 1	28°17	27°47	11°42	n.a.	T 13
F 14	19 17 53	18°10'47	23°38	15° 5	4°55	8°58	20°50	27°28	28°27	12°52	18° 3	28°17	27°44	11°49	n.a.	F 14
S 15	19 21 50	19° 8'22	7♏42	15°47	6° 1	9°28	21° 2	27°26	28°25	12°53	18° 5	28°17	27°41	11°56	n.a.	S 15
S 16	19 25 46	20° 5'59	21°41	16°26	7° 7	9°59	21°15	27°24	28°22	12°53	18° 7	28°16	27°38	12° 2	n.a.	S 16
M17	19 29 43	21° 3'37	5♐34	17° 1	8°13	10°29	21°28	27°22	28°20	12°54	18° 9	28°12	27°35	12° 9	n.a.	M17
T 18	19 33 39	22° 1'16	19°21	17°32	9°20	10°59	21°40	27°21	28°18	12°55	18°11	28° 5	27°31	12°16	n.a.	T 18
W19	19 37 36	22°58'56	2♑58	17°58	10°26	11°28	21°53	27°19	28°15	12°55	18°13	27°56	27°28	12°22	n.a.	W19
T 20	19 41 32	23°56'38	16°22	18°20	11°33	11°57	22° 5	27°18	28°13	12°56	18°15	27°45	27°25	12°29	n.a.	T 20
F 21	19 45 29	24°54'21	29°33	18°37	12°40	12°26	22°18	27°16	28°11	12°57	18°17	27°32	27°22	12°36	n.a.	F 21
S 22	19 49 26	25°52'05	12♒27	18°49	13°47	12°54	22°30	27°15	28° 8	12°58	18°19	27°19	27°19	12°42	n.a.	S 22
S 23	19 53 22	26°49'51	25° 5	18°56	14°55	13°22	22°42	27°14	28° 6	12°58	18°21	27° 8	27°15	12°49	n.a.	S 23
M24	19 57 19	27°47'39	7♓27	18°R57	16° 2	13°49	22°54	27°13	28° 3	12°59	18°23	26°59	27°12	12°56	n.a.	M24
T 25	20 1 15	28°45'28	19°34	18°53	17°10	14°16	23° 7	27°12	28° 1	13° 0	18°25	26°52	27° 9	13° 2	n.a.	T 25
W26	20 5 12	29°43'19	1♈31	18°43	18°18	14°43	23°19	27°11	27°59	13° 1	18°27	26°48	27° 6	13° 9	n.a.	W26
T 27	20 9 8	0♌41'12	13°21	18°27	19°25	15° 9	23°31	27°10	27°56	13° 2	18°29	26°46	27° 3	13°15	n.a.	T 27
F 28	20 13 5	1°39'07	25° 9	18° 5	20°34	15°35	23°43	27° 9	27°54	13° 3	18°31	26°46	27° 0	13°22	n.a.	F 28
S 29	20 17 1	2°37'04	7♉ 1	17°37	21°42	16° 1	23°55	27° 9	27°51	13° 4	18°33	26°46	26°56	13°29	n.a.	S 29
S 30	20 20 58	3°35'03	19° 1	17° 3	22°50	16°25	24° 6	27° 8	27°49	13° 5	18°35	26°45	26°53	13°35	n.a.	S 30
M31	20 24 54	4♌33'03	1♊16	16♌24	23♊59	16♈50	24♊18	27♏ 8	27♑47	13♎ 6	18♌37	26♎43	26♎50	13♈42	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n34	11n19	0n 2	20n23	0n21	15n23	2s54	1s54	2s53	23n 2	0s 7	18s23	1n35	21s14	0s39	3s18	1n57	29n 0	14n 3	11s27	11s 2	5n37		n.a.
S 2	23 31	14 21	1s 1	19 57	0 12	15 41	2 52	1 41	2 54	23 3	0 7	18 23	1 35	21 14	0 39	3 19	1 57	28 59	14 3	11 26	11 0	5 39		n.a.
M 3	23 28	16 49	2 3	19 30	0 2	15 59	2 50	1 28	2 55	23 5	0 7	18 22	1 34	21 15	0 39	3 19	1 57	28 59	14 3	11 26	10 59	5 41		n.a.
T 4	23 25	18 33	3 0	19 3	0s 8	16 17	2 48	1 15	2 56	23 6	0 6	18 22	1 34	21 15	0 39	3 19	1 57	28 58	14 2	11 24	10 58	5 43		n.a.
W 5	23 21	19 23	3 50	18 36	0 18	16 35	2 46	1 2	2 56	23 7	0 6	18 21	1 34	21 16	0 39	3 19	1 57	28 57	14 2	11 21	10 57	5 44		n.a.
T 6	23 16	19 12	4 29	18 8	0 28	16 52	2 44	0 50	2 57	23 8	0 6	18 21	1 34	21 16	0 39	3 19	1 57	28 56	14 2	11 18	10 56	5 46		n.a.
F 7	23 12	17 58	4 53	17 41	0 38	17 9	2 42	0 37	2 58	23 9	0 6	18 21	1 34	21 17	0 39	3 19	1 57	28 56	14 2	11 14	10 55	5 48		n.a.
S 8	23 6	15 40	5 2	17 13	0 49	17 26	2 39	0 25	2 59	23 11	0 6	18 20	1 33	21 17	0 39	3 20	1 57	28 55	14 2	11 10	10 54	5 50		n.a.
S 9	23 1	12 27	4 53	16 46	1 0	17 42	2 37	0 12	2 59	23 12	0 6	18 20	1 33	21 18	0 39	3 20	1 57	28 54	14 1	11 6	10 52	5 52		n.a.
M10	22 55	8 29	4 26	16 20	1 11	17 58	2 34	0n 0	3 0	23 13	0 6	18 20	1 33	21 18	0 39	3 20	1 57	28 53	14 1	11 3	10 51	5 54		n.a.
T 11	22 48	4 2	3 42	15 53	1 22	18 14	2 32	0 12	3 1	23 14	0 6	18 19	1 33	21 19	0 39	3 20	1 57	28 52	14 1	11 1	10 50	5 56		n.a.
W12	22 42	0s39	2 45	15 27	1 34	18 30	2 29	0 24	3 1	23 15	0 6	18 19	1 33	21 19	0 39	3 20	1 57	28 52	14 1	10 59	10 49	5 57		n.a.
T 13	22 34	5 18	1 38	15 2	1 45	18 45	2 26	0 36	3 2	23 16	0 6	18 19	1 32	21 20	0 39	3 21	1 57	28 51	14 1	10 59	10 48	5 59		n.a.
F 14	22 27	9 39	0 25	14 38	1 57	19 0	2 23	0 48	3 2	23 17	0 5	18 18	1 32	21 20	0 40	3 21	1 57	28 50	14 0	10 59	10 47	6 1		n.a.
S 15	22 19	13 27	0n50	14 14	2 8	19 14	2 21	1 0	3 3	23 18	0 5	18 18	1 32	21 21	0 40	3 21	1 57	28 49	14 0	10 59	10 46	6 3		n.a.
S 16	22 10	16 26	2 0	13 51	2 20	19 28	2 18	1 11	3 4	23 19	0 5	18 18	1 32	21 21	0 40	3 21	1 56	28 49	14 0	10 58	10 44	6 5		n.a.
M17	22 2	18 27	3 4	13 30	2 32	19 42	2 15	1 22	3 4	23 20	0 5	18 18	1 32	21 22	0 40	3 22	1 56	28 48	14 0	10 57	10 43	6 7		n.a.
T 18	21 52	19 21	3 55	13 9	2 43	19 55	2 12	1 34	3 5	23 21	0 5	18 17	1 32	21 22	0 40	3 22	1 56	28 47	14 0	10 54	10 42	6 9		n.a.
W19	21 43	19 7	4 33	12 50	2 54	20 8	2 9	1 45	3 5	23 22	0 5	18 17	1 31	21 23	0 40	3 22	1 56	28 46	14 0	10 51	10 41	6 10		n.a.
T 20	21 33	17 48	4 55	12 33	3 6	20 20	2 5	1 56	3 6	23 22	0 5	18 17	1 31	21 23	0 40	3 23	1 56	28 45	14 0	10 47	10 40	6 12		n.a.
F 21	21 23	15 34	5 0	12 18	3 17	20 32	2 2	2 6	3 6	23 23	0 5	18 17	1 31	21 24	0 40	3 23	1 56	28 45	14 0	10 42	10 39	6 14		n.a.
S 22	21 12	12 36	4 50	12 4	3 27	20 44	1 59	2 17	3 7	23 24	0 5	18 17	1 31	21 24	0 40	3 23	1 56	28 44	13 59	10 38	10 37	6 16		n.a.
S 23	21 1	9 7	4 26	11 52	3 37	20 55	1 56	2 27	3 7	23 25	0 5	18 17	1 30	21 25	0 40	3 24	1 56	28 43	13 59	10 34	10 36	6 18		n.a.
M24	20 49	5 19	3 50	11 43	3 47	21 5	1 52	2 38	3 8	23 26	0 4	18 17	1 30	21 25	0 40	3 24	1 56	28 42	13 59	10 30	10 35	6 20		n.a.
T 25	20 38	1 22	3 3	11 35	3 56	21 16	1 49	2 48	3 8	23 26	0 4	18 17	1 30	21 26	0 40	3 25	1 56	28 42	13 59	10 28	10 34	6 21		n.a.
W26	20 26	2n35	2 10	11 31	4 4	21 25	1 46	2 58	3 9	23 27	0 4	18 17	1 30	21 26	0 40	3 25	1 56	28 41	13 59	10 26	10 33	6 23		n.a.
T 27	20 13	6 24	1 11	11 29	4 11	21 34	1 42	3 8	3 9	23 28	0 4	18 17	1 30	21 27	0 40	3 25	1 56	28 40	13 59	10 26	10 32	6 25		n.a.
F 28	20 0	9 58	0 9	11 30	4 17	21 43	1 39	3 17	3 10	23 29	0 4	18 17	1 29	21 27	0 40	3 26	1 56	28 39	13 59	10 25	10 31	6 27		n.a.
S 29	19 47	13 9	0s54	11 33	4 22	21 51	1 35	3 27	3 10	23 29	0 4	18 17	1 29	21 27	0 40	3 26	1 56	28 39	13 59	10 25	10 29	6 29		n.a.
S 30	19 34	15 49	1 55	11 40	4 26	21 58	1 32	3 36	3 10	23 30	0 4	18 17	1 29	21 28	0 40	3 27	1 56	28 38	13 59	10 25	10 28	6 31		n.a.
M31	19n20	17n49	2s52	11n49	4s28	22n 5	1s28	3n45	3s11	23n30	0s 4	18s17	1n29	21s28	0s40	3s27	1n56	28n37	13n59	10s24	10s27	6n32		n.a.

Julian Day Number = 1715760.5, Delta T = 02h58m28s
Ecliptic obliquity = 23°41'40, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°16'34, Lahiri = - 4°09'33 Julian Calendar 1 July 16 BCE == Greg. Calendar 29 June 016 BCE

The year -15 astronomical counting style corresponds to year 016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 16 BCE
geocentric

AUGUST 16 BCE (-15) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 28 51	5♌31'06	13♊50	15°R40	25♊ 8	17♈14	24♊30	27°R 7	27°R44	13♎ 7	18♌39	26°R38	26♎47	13♈49	n.a.	T 1
W 2	20 32 48	6°29'11	26°46	14♌52	26°16	17°37	24°42	27♏ 7	27♑42	13° 8	18°42	26♎31	26°44	13°55	n.a.	W 2
T 3	20 36 44	7°27'18	10♋ 6	13°59	27°25	18° 0	24°53	27° 7	27°39	13° 9	18°44	26°21	26°40	14° 2	n.a.	T 3
F 4	20 40 41	8°25'26	23°51	13° 4	28°35	18°23	25° 5	27°D 7	27°37	13°11	18°46	26°10	26°37	14° 9	n.a.	F 4
S 5	20 44 37	9°23'37	7♌56	12° 7	29°44	18°45	25°16	27° 7	27°35	13°12	18°48	25°58	26°34	14°15	n.a.	S 5
S 6	20 48 34	10°21'49	22°18	11° 9	0♋53	19° 6	25°27	27° 7	27°32	13°13	18°50	25°47	26°31	14°22	n.a.	S 6
M 7	20 52 30	11°20'03	6♍49	10°11	2° 3	19°27	25°39	27° 7	27°30	13°14	18°52	25°38	26°28	14°29	n.a.	M 7
T 8	20 56 27	12°18'19	21°23	9°16	3°12	19°47	25°50	27° 8	27°28	13°16	18°54	25°32	26°25	14°35	n.a.	T 8
W 9	21 0 23	13°16'36	5♎55	8°23	4°22	20° 7	26° 1	27° 8	27°26	13°17	18°56	25°28	26°21	14°42	n.a.	W 9
T 10	21 4 20	14°14'55	20°19	7°35	5°32	20°26	26°12	27° 9	27°23	13°18	18°59	25°D27	26°18	14°49	n.a.	T 10
F 11	21 8 17	15°13'16	4♏32	6°52	6°42	20°45	26°23	27° 9	27°21	13°20	19° 1	25°27	26°15	14°55	n.a.	F 11
S 12	21 12 13	16°11'38	18°33	6°15	7°52	21° 3	26°34	27°10	27°19	13°21	19° 3	25°R27	26°12	15° 2	n.a.	S 12
S 13	21 16 10	17°10'02	2♐23	5°46	9° 2	21°20	26°45	27°11	27°17	13°22	19° 5	25°27	26° 9	15° 8	n.a.	S 13
M14	21 20 6	18° 8'27	16° 0	5°25	10°13	21°37	26°55	27°12	27°14	13°24	19° 7	25°24	26° 6	15°15	n.a.	M14
T 15	21 24 3	19° 6'55	29°26	5°13	11°23	21°53	27° 6	27°13	27°12	13°25	19° 9	25°18	26° 2	15°22	n.a.	T 15
W16	21 27 59	20° 5'24	12♑40	5°D10	12°34	22° 8	27°16	27°14	27°10	13°27	19°12	25°10	25°59	15°28	n.a.	W16
T 17	21 31 56	21° 3'55	25°42	5°16	13°44	22°23	27°27	27°15	27° 8	13°28	19°14	25° 0	25°56	15°35	n.a.	T 17
F 18	21 35 52	22° 2'27	8♒31	5°32	14°55	22°37	27°37	27°16	27° 6	13°30	19°16	24°49	25°53	15°42	n.a.	F 18
S 19	21 39 49	23° 1'02	21° 8	5°57	16° 6	22°50	27°47	27°18	27° 4	13°31	19°18	24°38	25°50	15°48	n.a.	S 19
S 20	21 43 46	23°59'39	3♓33	6°31	17°17	23° 3	27°57	27°19	27° 2	13°33	19°20	24°27	25°46	15°55	n.a.	S 20
M21	21 47 42	24°58'17	15°45	7°14	18°28	23°15	28° 7	27°21	27° 0	13°35	19°22	24°19	25°43	16° 2	n.a.	M21
T 22	21 51 39	25°56'58	27°46	8° 5	19°39	23°26	28°17	27°22	26°58	13°36	19°24	24°13	25°40	16° 8	n.a.	T 22
W23	21 55 35	26°55'41	9♈39	9° 4	20°51	23°37	28°27	27°24	26°56	13°38	19°27	24°10	25°37	16°15	n.a.	W23
T 24	21 59 32	27°54'26	21°26	10°10	22° 2	23°46	28°37	27°26	26°54	13°40	19°29	24°D 9	25°34	16°22	n.a.	T 24
F 25	22 3 28	28°53'14	3♉13	11°22	23°14	23°55	28°46	27°28	26°52	13°41	19°31	24° 9	25°31	16°28	n.a.	F 25
S 26	22 7 25	29°52'04	15° 4	12°41	24°25	24° 4	28°56	27°30	26°50	13°43	19°33	24°10	25°27	16°35	n.a.	S 26
S 27	22 11 21	0♍50'56	27° 3	14° 4	25°37	24°11	29° 5	27°32	26°48	13°45	19°35	24°R11	25°24	16°42	n.a.	S 27
M28	22 15 18	1°49'51	9♊16	15°32	26°49	24°17	29°14	27°35	26°46	13°46	19°37	24°11	25°21	16°48	n.a.	M28
T 29	22 19 14	2°48'48	21°48	17° 5	28° 1	24°23	29°24	27°37	26°44	13°48	19°39	24° 9	25°18	16°55	n.a.	T 29
W30	22 23 11	3°47'47	4♋44	18°40	29°13	24°28	29°33	27°39	26°43	13°50	19°41	24° 5	25°15	17° 1	n.a.	W30
T 31	22 27 8	4♍46'49	18♋ 7	20♌19	0♌25	24♈32	29♊42	27♏42	26♑41	13♎52	19♌43	23♎59	25♎12	17♈ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	19n 6	19n 2	3s42	12n 2	4s29	22n12	1s25	3n54	3s11	23n31	0s 4	18s17	1n29	21s29	0s40	3s28	1n55	28n36	13n59	10s23	10s26	6n34			n.a.
W 2	18 51	19 17	4 22	12 17	4 28	22 17	1 21	4 3	3 11	23 32	0 4	18 17	1 28	21 29	0 40	3 28	1 55	28 36	13 59	10 20	10 25	6 36			n.a.
T 3	18 36	18 29	4 50	12 35	4 24	22 23	1 18	4 11	3 12	23 32	0 3	18 18	1 28	21 30	0 40	3 29	1 55	28 35	13 59	10 16	10 24	6 38			n.a.
F 4	18 21	16 37	5 1	12 56	4 19	22 27	1 14	4 19	3 12	23 33	0 3	18 18	1 28	21 30	0 40	3 29	1 55	28 34	13 59	10 12	10 22	6 40			n.a.
S 5	18 6	13 44	4 55	13 18	4 12	22 31	1 10	4 28	3 12	23 33	0 3	18 18	1 28	21 31	0 40	3 30	1 55	28 34	13 59	10 8	10 21	6 41			n.a.
S 6	17 50	9 58	4 30	13 43	4 3	22 35	1 7	4 35	3 13	23 34	0 3	18 18	1 28	21 31	0 40	3 30	1 55	28 33	13 59	10 4	10 20	6 43			n.a.
M 7	17 34	5 35	3 48	14 9	3 52	22 38	1 3	4 43	3 13	23 34	0 3	18 18	1 27	21 32	0 40	3 31	1 55	28 32	13 59	10 1	10 19	6 45			n.a.
T 8	17 17	0 51	2 50	14 36	3 40	22 40	1 0	4 51	3 13	23 35	0 3	18 19	1 27	21 32	0 40	3 31	1 55	28 31	13 59	9 59	10 18	6 47			n.a.
W 9	17 1	3s56	1 42	15 3	3 26	22 41	0 56	4 58	3 13	23 35	0 3	18 19	1 27	21 33	0 40	3 32	1 55	28 31	13 59	9 57	10 17	6 49			n.a.
T 10	16 44	8 26	0 27	15 31	3 10	22 42	0 52	5 5	3 13	23 36	0 3	18 19	1 27	21 33	0 40	3 33	1 55	28 30	13 59	9 57	10 15	6 51			n.a.
F 11	16 27	12 25	0n48	15 58	2 53	22 43	0 49	5 12	3 13	23 36	0 3	18 20	1 27	21 34	0 40	3 33	1 55	28 29	13 59	9 57	10 14	6 52			n.a.
S 12	16 9	15 37	2 0	16 24	2 35	22 42	0 45	5 19	3 13	23 36	0 3	18 20	1 26	21 34	0 40	3 34	1 55	28 29	13 59	9 57	10 13	6 54			n.a.
S 13	15 51	17 52	3 3	16 49	2 17	22 42	0 42	5 25	3 14	23 37	0 2	18 20	1 26	21 34	0 40	3 34	1 55	28 28	13 59	9 56	10 12	6 56			n.a.
M14	15 33	19 3	3 55	17 13	1 58	22 40	0 38	5 31	3 14	23 37	0 2	18 21	1 26	21 35	0 40	3 35	1 55	28 27	13 59	9 55	10 11	6 58			n.a.
T 15	15 15	19 8	4 33	17 34	1 39	22 38	0 34	5 37	3 14	23 38	0 2	18 21	1 26	21 35	0 40	3 36	1 55	28 27	13 59	9 53	10 10	7 0			n.a.
W16	14 56	18 10	4 56	17 53	1 20	22 35	0 31	5 43	3 14	23 38	0 2	18 22	1 25	21 36	0 40	3 36	1 55	28 26	13 59	9 50	10 8	7 1			n.a.
T 17	14 38	16 16	5 3	18 10	1 1	22 32	0 27	5 49	3 14	23 38	0 2	18 22	1 25	21 36	0 40	3 37	1 55	28 25	13 59	9 47	10 7	7 3			n.a.
F 18	14 19	13 35	4 55	18 24	0 43	22 27	0 24	5 54	3 13	23 38	0 2	18 23	1 25	21 36	0 40	3 37	1 55	28 25	13 59	9 43	10 6	7 5			n.a.
S 19	13 59	10 18	4 32	18 34	0 25	22 23	0 20	5 59	3 13	23 39	0 2	18 23	1 25	21 37	0 40	3 38	1 55	28 24	13 59	9 38	10 5	7 7			n.a.
S 20	13 40	6 38	3 57	18 42	0 9	22 17	0 17	6 4	3 13	23 39	0 2	18 24	1 25	21 37	0 40	3 39	1 54	28 23	13 59	9 35	10 4	7 8			n.a.
M21	13 20	2 45	3 11	18 46	0n 7	22 11	0 13	6 9	3 13	23 39	0 2	18 24	1 24	21 38	0 39	3 39	1 54	28 23	13 59	9 32	10 3	7 10			n.a.
T 22	13 0	1n11	2 17	18 48	0 22	22 5	0 10	6 13	3 13	23 40	0 1	18 25	1 24	21 38	0 39	3 40	1 54	28 22	14 0	9 29	10 1	7 12			n.a.
W23	12 40	5 2	1 17	18 45	0 36	21 57	0 6	6 17	3 12	23 40	0 1	18 26	1 24	21 38	0 39	3 41	1 54	28 21	14 0	9 28	10 0	7 14			n.a.
T 24	12 20	8 40	0 15	18 39	0 48	21 49	0 3	6 21	3 12	23 40	0 1	18 26	1 24	21 39	0 39	3 42	1 54	28 21	14 0	9 28	9 59	7 16			n.a.
F 25	11 59	11 57	0s49	18 30	0 59	21 41	0n 0	6 25	3 12	23 40	0 1	18 27	1 24	21 39	0 39	3 42	1 54	28 20	14 0	9 28	9 58	7 17			n.a.
S 26	11 38	14 46	1 50	18 18	1 10	21 31	0 4	6 28	3 11	23 40	0 1	18 28	1 23	21 40	0 39	3 43	1 54	28 20	14 0	9 28	9 57	7 19			n.a.
S 27	11 17	16 59	2 48	18 2	1 19	21 22	0 7	6 31	3 11	23 41	0 1	18 28	1 23	21 40	0 39	3 44	1 54	28 19	14 0	9 28	9 56	7 21			n.a.
M28	10 56	18 28	3 39	17 43	1 27	21 11	0 10	6 34	3 11	23 41	0 1	18 29	1 23	21 40	0 39	3 44	1 54	28 19	14 0	9 28	9 54	7 23			n.a.
T 29	10 35	19 6	4 21	17 22	1 33	21 0	0 13	6 37	3 10	23 41	0 1	18 30	1 23	21 41	0 39	3 45	1 54	28 18	14 0	9 28	9 53	7 24			n.a.
W30	10 13	18 46	4 51	16 57	1 39	20 48	0 17	6 39	3 9	23 41	0 1	18 30	1 23	21 41	0 39	3 46	1 54	28 17	14 1	9 26	9 52	7 26			n.a.
T 31	9n52	17n23	5s 7	16n30	1n44	20n36	0n20	6n41	3s 9	23n41	0s 0	18s31	1n22	21s41	0s39	3s47	1n54	28n17	14n 1	9s24	9s51	7n28			n.a.

Julian Day Number = 1715791.5, Delta T = 02h58m27s
Ecliptic obliquity = 23°41'40, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°16'30, Lahiri = - 4°09'29 Julian Calendar 1 Aug. 16 BCE == Greg. Calendar 30 July 016 BCE

The year -15 astronomical counting style corresponds to year 016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 16 BCE
geocentric

SEPTEMBER 16 BCE (-15) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 31 4	5♍45'53	1♌57	22♌ 0	1♌37	24♈35	29♊50	27♏44	26°R39	13♎54	19♌46	23°R52	25♎ 8	17♈15	n.a.	F 1
S 2	22 35 1	6°45'00	16°13	23°43	2°49	24°38	29°59	27°47	26♑37	13°56	19°48	23♎44	25° 5	17°21	n.a.	S 2
S 3	22 38 57	7°44'09	0♍51	25°27	4° 2	24°39	0♋ 8	27°50	26°36	13°58	19°50	23°37	25° 2	17°28	n.a.	S 3
M 4	22 42 54	8°43'19	15°42	27°12	5°14	24°R40	0°16	27°53	26°34	13°59	19°52	23°31	24°59	17°35	n.a.	M 4
T 5	22 46 50	9°42'32	0♎40	28°58	6°27	24°39	0°24	27°56	26°33	14° 1	19°54	23°27	24°56	17°41	n.a.	T 5
W 6	22 50 47	10°41'47	15°35	0♍45	7°39	24°38	0°32	27°59	26°31	14° 3	19°56	23°25	24°52	17°48	n.a.	W 6
T 7	22 54 43	11°41'04	0♏20	2°32	8°52	24°36	0°40	28° 2	26°30	14° 5	19°58	23°D25	24°49	17°55	n.a.	T 7
F 8	22 58 40	12°40'23	14°49	4°19	10° 5	24°33	0°48	28° 5	26°28	14° 7	20° 0	23°26	24°46	18° 1	n.a.	F 8
S 9	23 2 37	13°39'43	29° 0	6° 6	11°18	24°29	0°56	28° 9	26°27	14° 9	20° 2	23°27	24°43	18° 8	n.a.	S 9
S 10	23 6 33	14°39'06	12♐52	7°53	12°31	24°24	1° 4	28°12	26°26	14°11	20° 4	23°R28	24°40	18°15	n.a.	S 10
M11	23 10 30	15°38'30	26°24	9°39	13°44	24°19	1°11	28°16	26°24	14°13	20° 6	23°27	24°37	18°21	n.a.	M11
T 12	23 14 26	16°37'57	9♑39	11°25	14°57	24°12	1°19	28°19	26°23	14°15	20° 8	23°25	24°33	18°28	n.a.	T 12
W13	23 18 23	17°37'25	22°37	13°11	16°10	24° 5	1°26	28°23	26°22	14°17	20°10	23°21	24°30	18°35	n.a.	W13
T 14	23 22 19	18°36'54	5♒21	14°56	17°23	23°57	1°33	28°26	26°21	14°19	20°12	23°16	24°27	18°41	n.a.	T 14
F 15	23 26 16	19°36'26	17°52	16°40	18°36	23°47	1°40	28°30	26°19	14°21	20°14	23°10	24°24	18°48	n.a.	F 15
S 16	23 30 12	20°36'00	0♓12	18°24	19°50	23°37	1°47	28°34	26°18	14°24	20°16	23° 4	24°21	18°54	n.a.	S 16
S 17	23 34 9	21°35'36	12°22	20° 7	21° 3	23°26	1°53	28°38	26°17	14°26	20°18	22°59	24°17	19° 1	n.a.	S 17
M18	23 38 5	22°35'14	24°23	21°50	22°17	23°15	2° 0	28°42	26°16	14°28	20°20	22°55	24°14	19° 8	n.a.	M18
T 19	23 42 2	23°34'53	6♈17	23°32	23°30	23° 2	2° 6	28°46	26°15	14°30	20°21	22°52	24°11	19°14	n.a.	T 19
W20	23 45 59	24°34'35	18° 6	25°13	24°44	22°49	2°12	28°51	26°14	14°32	20°23	22°D51	24° 8	19°21	n.a.	W20
T 21	23 49 55	25°34'20	29°53	26°54	25°57	22°35	2°18	28°55	26°13	14°34	20°25	22°51	24° 5	19°28	n.a.	T 21
F 22	23 53 52	26°34'06	11♉40	28°34	27°11	22°20	2°24	28°59	26°13	14°36	20°27	22°52	24° 2	19°34	n.a.	F 22
S 23	23 57 48	27°33'55	23°31	0♎13	28°25	22° 5	2°30	29° 4	26°12	14°38	20°29	22°54	23°58	19°41	n.a.	S 23
S 24	0 1 45	28°33'46	5♊31	1°52	29°39	21°48	2°35	29° 8	26°11	14°41	20°31	22°55	23°55	19°48	n.a.	S 24
M25	0 5 41	29°33'39	17°43	3°30	0♍53	21°31	2°41	29°13	26°10	14°43	20°32	22°57	23°52	19°54	n.a.	M25
T 26	0 9 38	0♎33'35	0♋12	5° 8	2° 7	21°14	2°46	29°17	26°10	14°45	20°34	22°R57	23°49	20° 1	n.a.	T 26
W27	0 13 34	1°33'33	13° 3	6°45	3°21	20°56	2°51	29°22	26° 9	14°47	20°36	22°57	23°46	20° 8	n.a.	W27
T 28	0 17 31	2°33'33	26°19	8°21	4°35	20°37	2°56	29°27	26° 9	14°49	20°38	22°55	23°43	20°14	n.a.	T 28
F 29	0 21 28	3°33'36	10♌ 3	9°57	5°49	20°17	3° 0	29°32	26° 8	14°52	20°39	22°53	23°39	20°21	n.a.	F 29
S 30	0 25 24	4♎33'41	24♌15	11♎33	7♍ 4	19♈58	3♋ 5	29♏37	26♑ 8	14♎54	20♌41	22♎51	23♎36	20♈27	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9n30	14n59	5s 5	16n 1	1n47	20n23	0n23	6n43	3s 8	23n41	0s 0	18s32	1n22	21s42	0s39	3s47	1n54	28n16	14n 1	9s21	9s50	7n30		n.a.
S 2	9 8	11 37	4 45	15 29	1 50	20 9	0 26	6 44	3 7	23 41	0 0	18 33	1 22	21 42	0 39	3 48	1 54	28 16	14 1	9 18	9 49	7 32		n.a.
S 3	8 45	7 27	4 6	14 56	1 52	19 55	0 29	6 46	3 7	23 42	0 0	18 34	1 22	21 42	0 39	3 49	1 54	28 15	14 1	9 16	9 47	7 33		n.a.
M 4	8 23	2 47	3 10	14 20	1 53	19 40	0 32	6 47	3 6	23 42	0 0	18 34	1 22	21 42	0 39	3 50	1 54	28 15	14 2	9 14	9 46	7 35		n.a.
T 5	8 1	2s 6	2 0	13 43	1 53	19 25	0 35	6 47	3 5	23 42	0n 0	18 35	1 21	21 43	0 39	3 50	1 54	28 14	14 2	9 12	9 45	7 37		n.a.
W 6	7 38	6 51	0 42	13 5	1 53	19 9	0 37	6 48	3 4	23 42	0 0	18 36	1 21	21 43	0 39	3 51	1 54	28 14	14 2	9 11	9 44	7 39		n.a.
T 7	7 15	11 7	0n38	12 25	1 52	18 53	0 40	6 48	3 3	23 42	0 0	18 37	1 21	21 43	0 39	3 52	1 54	28 13	14 2	9 11	9 43	7 40		n.a.
F 8	6 52	14 39	1 54	11 44	1 50	18 36	0 43	6 48	3 2	23 42	0 0	18 38	1 21	21 43	0 39	3 53	1 54	28 13	14 2	9 12	9 42	7 42		n.a.
S 9	6 29	17 12	3 2	11 3	1 48	18 18	0 46	6 47	3 1	23 42	0 1	18 39	1 21	21 44	0 39	3 54	1 54	28 12	14 3	9 12	9 40	7 44		n.a.
S 10	6 6	18 40	3 57	10 20	1 45	18 0	0 48	6 47	2 59	23 42	0 1	18 40	1 20	21 44	0 39	3 54	1 54	28 12	14 3	9 12	9 39	7 46		n.a.
M11	5 43	19 1	4 38	9 37	1 42	17 42	0 51	6 46	2 58	23 42	0 1	18 41	1 20	21 44	0 39	3 55	1 54	28 11	14 3	9 12	9 38	7 47		n.a.
T 12	5 20	18 18	5 3	8 53	1 39	17 22	0 53	6 45	2 57	23 42	0 1	18 42	1 20	21 44	0 39	3 56	1 54	28 11	14 3	9 11	9 37	7 49		n.a.
W13	4 56	16 39	5 12	8 8	1 35	17 3	0 56	6 43	2 55	23 42	0 1	18 43	1 20	21 45	0 39	3 57	1 54	28 10	14 4	9 10	9 36	7 51		n.a.
T 14	4 33	14 12	5 5	7 23	1 30	16 43	0 58	6 42	2 54	23 42	0 1	18 44	1 20	21 45	0 39	3 58	1 54	28 10	14 4	9 8	9 34	7 53		n.a.
F 15	4 9	11 9	4 43	6 38	1 26	16 22	1 0	6 40	2 52	23 42	0 1	18 45	1 19	21 45	0 39	3 59	1 54	28 10	14 4	9 6	9 33	7 54		n.a.
S 16	3 46	7 38	4 9	5 52	1 21	16 1	1 3	6 38	2 51	23 42	0 1	18 46	1 19	21 45	0 39	3 59	1 54	28 9	14 4	9 4	9 32	7 56		n.a.
S 17	3 22	3 51	3 24	5 7	1 16	15 39	1 5	6 35	2 49	23 42	0 2	18 47	1 19	21 45	0 39	4 0	1 54	28 9	14 5	9 2	9 31	7 58		n.a.
M18	2 58	0n 2	2 30	4 21	1 10	15 17	1 7	6 33	2 47	23 42	0 2	18 48	1 19	21 46	0 39	4 1	1 53	28 9	14 5	9 0	9 30	8 0		n.a.
T 19	2 34	3 54	1 30	3 35	1 5	14 55	1 9	6 30	2 45	23 42	0 2	18 49	1 19	21 46	0 39	4 2	1 53	28 8	14 5	8 59	9 29	8 1		n.a.
W20	2 11	7 34	0 26	2 49	0 59	14 32	1 11	6 26	2 43	23 42	0 2	18 50	1 19	21 46	0 39	4 3	1 53	28 8	14 6	8 59	9 27	8 3		n.a.
T 21	1 47	10 57	0s39	2 3	0 53	14 8	1 13	6 23	2 41	23 43	0 2	18 51	1 18	21 46	0 39	4 4	1 53	28 7	14 6	8 59	9 26	8 5		n.a.
F 22	1 23	13 53	1 42	1 18	0 47	13 45	1 15	6 20	2 39	23 43	0 2	18 52	1 18	21 46	0 39	4 5	1 53	28 7	14 6	8 59	9 25	8 6		n.a.
S 23	0 59	16 15	2 41	0 32	0 40	13 21	1 16	6 16	2 37	23 43	0 2	18 54	1 18	21 46	0 39	4 5	1 53	28 7	14 6	9 0	9 24	8 8		n.a.
S 24	0 35	17 56	3 34	0s14	0 34	12 56	1 18	6 12	2 35	23 43	0 2	18 55	1 18	21 46	0 39	4 6	1 53	28 6	14 7	9 0	9 23	8 10		n.a.
M25	0 11	18 50	4 18	0 59	0 28	12 31	1 20	6 8	2 32	23 43	0 3	18 56	1 18	21 47	0 39	4 7	1 53	28 6	14 7	9 1	9 21	8 12		n.a.
T 26	0s14	18 50	4 52	1 44	0 21	12 6	1 21	6 3	2 30	23 43	0 3	18 57	1 18	21 47	0 39	4 8	1 53	28 6	14 7	9 1	9 20	8 13		n.a.
W27	0 38	17 53	5 11	2 29	0 15	11 40	1 23	5 59	2 27	23 43	0 3	18 58	1 17	21 47	0 39	4 9	1 53	28 6	14 8	9 1	9 19	8 15		n.a.
T 28	1 2	15 57	5 16	3 13	0 8	11 14	1 24	5 54	2 25	23 43	0 3	18 59	1 17	21 47	0 39	4 10	1 53	28 5	14 8	9 0	9 18	8 17		n.a.
F 29	1 26	13 4	5 2	3 58	0 1	10 48	1 25	5 49	2 22	23 43	0 3	19 1	1 17	21 47	0 39	4 11	1 53	28 5	14 9	8 59	9 17	8 18		n.a.
S 30	1s50	9n20	4s30	4s42	0s 5	10n21	1n27	5n44	2s20	23n43	0n 3	19s 2	1n17	21s47	0s39	4s11	1n53	28n 5	14n 9	8s59	9s16	8n20		n.a.

Julian Day Number = 1715822.5, Delta T = 02h58m26s
Ecliptic obliquity = 23°41'40, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°16'25, Lahiri = - 4°09'25 Julian Calendar 1 Sept. 16 BCE == Greg. Calendar 30 Aug. 016 BCE

The year -15 astronomical counting style corresponds to year 016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 16 BCE
geocentric

OCTOBER 16 BCE (-15) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 29 21	5♎33'48	8♍52	13♎ 8	8♍18	19°R37	3♋ 9	29♏42	26°R 7	14♎56	20♑43	22°R48	23♎33	20♈34	n.a.	S 1
M 2	0 33 17	6°33'56	23°49	14°42	9°32	19♈17	3°13	29°47	26♉ 7	14°58	20°44	22♎46	23°30	20°41	n.a.	M 2
T 3	0 37 14	7°34'07	8♎59	16°16	10°47	18°56	3°17	29°52	26° 7	15° 1	20°46	22°45	23°27	20°47	n.a.	T 3
W 4	0 41 10	8°34'20	24°10	17°50	12° 1	18°35	3°21	29°57	26° 6	15° 3	20°47	22°D45	23°23	20°54	n.a.	W 4
T 5	0 45 7	9°34'35	9♏15	19°23	13°15	18°13	3°25	0♐ 2	26° 6	15° 5	20°49	22°45	23°20	21° 1	n.a.	T 5
F 6	0 49 3	10°34'51	24° 4	20°56	14°30	17°51	3°28	0° 8	26° 6	15° 7	20°50	22°46	23°17	21° 7	n.a.	F 6
S 7	0 53 0	11°35'09	8♐32	22°28	15°45	17°29	3°32	0°13	26° 6	15° 9	20°52	22°47	23°14	21°14	n.a.	S 7
S 8	0 56 57	12°35'29	22°36	24° 0	16°59	17° 7	3°35	0°18	26°D 6	15°12	20°54	22°48	23°11	21°21	n.a.	S 8
M 9	1 0 53	13°35'50	6♑14	25°32	18°14	16°46	3°38	0°24	26° 6	15°14	20°55	22°48	23° 8	21°27	n.a.	M 9
T 10	1 4 50	14°36'13	19°28	27° 3	19°28	16°24	3°40	0°30	26° 6	15°16	20°56	22°R48	23° 4	21°34	n.a.	T 10
W11	1 8 46	15°36'37	2♒21	28°33	20°43	16° 2	3°43	0°35	26° 6	15°19	20°58	22°48	23° 1	21°41	n.a.	W11
T 12	1 12 43	16°37'03	14°55	0♏ 4	21°58	15°40	3°45	0°41	26° 6	15°21	20°59	22°47	22°58	21°47	n.a.	T 12
F 13	1 16 39	17°37'30	27°14	1°34	23°13	15°18	3°47	0°47	26° 7	15°23	21° 1	22°47	22°55	21°54	n.a.	F 13
S 14	1 20 36	18°37'59	9♓22	3° 3	24°27	14°57	3°49	0°52	26° 7	15°25	21° 2	22°46	22°52	22° 1	n.a.	S 14
S 15	1 24 32	19°38'29	21°20	4°32	25°42	14°36	3°51	0°58	26° 7	15°28	21° 3	22°46	22°48	22° 7	n.a.	S 15
M16	1 28 29	20°39'00	3♈13	6° 1	26°57	14°15	3°53	1° 4	26° 7	15°30	21° 5	22°45	22°45	22°14	n.a.	M16
T 17	1 32 25	21°39'34	15° 2	7°29	28°12	13°55	3°54	1°10	26° 8	15°32	21° 6	22°45	22°42	22°20	n.a.	T 17
W18	1 36 22	22°40'08	26°49	8°57	29°27	13°35	3°55	1°16	26° 8	15°34	21° 7	22°45	22°39	22°27	n.a.	W18
T 19	1 40 19	23°40'45	8♉38	10°24	0♎42	13°15	3°56	1°22	26° 9	15°36	21° 8	22°45	22°36	22°34	n.a.	T 19
F 20	1 44 15	24°41'23	20°29	11°51	1°57	12°56	3°57	1°28	26° 9	15°39	21° 9	22°45	22°33	22°40	n.a.	F 20
S 21	1 48 12	25°42'03	2♊26	13°17	3°12	12°38	3°58	1°34	26°10	15°41	21°11	22°45	22°29	22°47	n.a.	S 21
S 22	1 52 8	26°42'44	14°31	14°42	4°27	12°20	3°58	1°40	26°11	15°43	21°12	22°44	22°26	22°54	n.a.	S 22
M23	1 56 5	27°43'27	26°47	16° 7	5°42	12° 2	3°R58	1°47	26°12	15°45	21°13	22°44	22°23	23° 0	n.a.	M23
T 24	2 0 1	28°44'12	9♋17	17°31	6°57	11°46	3°58	1°53	26°12	15°48	21°14	22°43	22°20	23° 7	n.a.	T 24
W25	2 3 58	29°44'59	22° 5	18°53	8°13	11°30	3°58	1°59	26°13	15°50	21°15	22°43	22°17	23°14	n.a.	W25
T 26	2 7 54	0♏45'47	5♌14	20°15	9°28	11°14	3°57	2° 5	26°14	15°52	21°16	22°D43	22°14	23°20	n.a.	T 26
F 27	2 11 51	1°46'37	18°47	21°36	10°43	10°59	3°57	2°12	26°15	15°54	21°17	22°43	22°10	23°27	n.a.	F 27
S 28	2 15 48	2°47'28	2♍45	22°55	11°58	10°45	3°56	2°18	26°16	15°56	21°18	22°44	22° 7	23°34	n.a.	S 28
S 29	2 19 44	3°48'21	17° 8	24°12	13°13	10°32	3°55	2°25	26°17	15°59	21°19	22°45	22° 4	23°40	n.a.	S 29
M30	2 23 41	4°49'15	1♎53	25°28	14°29	10°19	3°54	2°31	26°18	16° 1	21°20	22°46	22° 1	23°47	n.a.	M30
T 31	2 27 37	5♏50'11	16♎55	26♏42	15♎44	10♈ 8	3♋52	2♐38	26♉19	16♎ 3	21♑21	22°R46	21♎58	23♈53	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s14	4n56	3s40	5s25	0s12	9n54	1n28	5n39	2s17	23n43	0n 3	19s 3	1n17	21s47	0s39	4s12	1n53	28n 5	14n 9	8s58	9s14	8n22		n.a.
M 2	2 38	0 8	2 34	6 8	0 19	9 27	1 29	5 34	2 14	23 43	0 4	19 4	1 17	21 47	0 39	4 13	1 53	28 4	14 10	8 57	9 13	8 24		n.a.
T 3	3 2	4s45	1 16	6 51	0 25	8 59	1 30	5 28	2 11	23 43	0 4	19 6	1 16	21 47	0 39	4 14	1 53	28 4	14 10	8 56	9 12	8 25		n.a.
W 4	3 26	9 21	0n 8	7 34	0 32	8 32	1 31	5 23	2 8	23 43	0 4	19 7	1 16	21 47	0 39	4 15	1 53	28 4	14 10	8 56	9 11	8 27		n.a.
T 5	3 50	13 18	1 30	8 15	0 38	8 3	1 32	5 18	2 5	23 43	0 4	19 8	1 16	21 47	0 39	4 16	1 53	28 4	14 11	8 56	9 10	8 29		n.a.
F 6	4 14	16 19	2 45	8 57	0 45	7 35	1 33	5 12	2 2	23 43	0 4	19 9	1 16	21 47	0 39	4 17	1 53	28 4	14 11	8 57	9 8	8 30		n.a.
S 7	4 38	18 13	3 48	9 38	0 51	7 7	1 33	5 7	1 59	23 43	0 4	19 11	1 16	21 47	0 38	4 18	1 53	28 4	14 12	8 57	9 7	8 32		n.a.
S 8	5 2	18 55	4 35	10 18	0 58	6 38	1 34	5 1	1 56	23 43	0 4	19 12	1 16	21 47	0 38	4 18	1 53	28 3	14 12	8 57	9 6	8 34		n.a.
M 9	5 25	18 28	5 5	10 58	1 4	6 9	1 35	4 56	1 52	23 43	0 4	19 13	1 15	21 47	0 38	4 19	1 53	28 3	14 12	8 58	9 5	8 36		n.a.
T 10	5 49	17 2	5 17	11 37	1 10	5 40	1 35	4 50	1 49	23 43	0 5	19 15	1 15	21 47	0 38	4 20	1 53	28 3	14 13	8 58	9 4	8 37		n.a.
W11	6 12	14 45	5 13	12 16	1 16	5 11	1 35	4 45	1 46	23 43	0 5	19 16	1 15	21 47	0 38	4 21	1 53	28 3	14 13	8 58	9 2	8 39		n.a.
T 12	6 36	11 50	4 55	12 54	1 22	4 41	1 36	4 39	1 42	23 43	0 5	19 17	1 15	21 47	0 38	4 22	1 53	28 3	14 14	8 57	9 1	8 41		n.a.
F 13	6 59	8 27	4 22	13 31	1 28	4 11	1 36	4 34	1 39	23 43	0 5	19 19	1 15	21 47	0 38	4 23	1 53	28 3	14 14	8 57	9 0	8 42		n.a.
S 14	7 23	4 46	3 39	14 8	1 34	3 42	1 36	4 29	1 36	23 44	0 5	19 20	1 15	21 47	0 38	4 24	1 53	28 3	14 14	8 57	8 59	8 44		n.a.
S 15	7 46	0 56	2 46	14 44	1 39	3 12	1 36	4 24	1 32	23 44	0 5	19 21	1 15	21 47	0 38	4 25	1 53	28 3	14 15	8 57	8 58	8 46		n.a.
M16	8 9	2n55	1 47	15 19	1 45	2 42	1 36	4 19	1 29	23 44	0 5	19 23	1 14	21 47	0 38	4 25	1 53	28 3	14 15	8 57	8 57	8 47		n.a.
T 17	8 32	6 38	0 43	15 53	1 50	2 12	1 36	4 14	1 26	23 44	0 6	19 24	1 14	21 46	0 38	4 26	1 53	28 3	14 16	8 57	8 55	8 49		n.a.
W18	8 55	10 6	0s23	16 27	1 55	1 41	1 36	4 9	1 22	23 44	0 6	19 25	1 14	21 46	0 38	4 27	1 53	28 3	14 16	8 57	8 54	8 51		n.a.
T 19	9 17	13 9	1 27	16 59	2 0	1 11	1 36	4 5	1 19	23 44	0 6	19 27	1 14	21 46	0 38	4 28	1 53	28 3	14 17	8 56	8 53	8 52		n.a.
F 20	9 40	15 41	2 28	17 31	2 4	0 41	1 36	4 1	1 15	23 44	0 6	19 28	1 14	21 46	0 38	4 29	1 53	28 3	14 17	8 56	8 52	8 54		n.a.
S 21	10 2	17 33	3 23	18 2	2 8	0 10	1 35	3 56	1 12	23 44	0 6	19 29	1 14	21 46	0 38	4 30	1 53	28 3	14 18	8 56	8 51	8 56		n.a.
S 22	10 24	18 39	4 10	18 31	2 12	0s20	1 35	3 52	1 8	23 44	0 6	19 31	1 14	21 46	0 38	4 31	1 53	28 3	14 18	8 56	8 49	8 57		n.a.
M23	10 47	18 53	4 46	19 0	2 16	0 51	1 35	3 49	1 5	23 45	0 7	19 32	1 14	21 46	0 38	4 31	1 53	28 3	14 19	8 56	8 48	8 59		n.a.
T 24	11 8	18 13	5 9	19 27	2 19	1 21	1 34	3 45	1 2	23 45	0 7	19 34	1 13	21 45	0 38	4 32	1 53	28 3	14 19	8 56	8 47	9 1		n.a.
W25	11 30	16 38	5 18	19 53	2 22	1 52	1 33	3 42	0 58	23 45	0 7	19 35	1 13	21 45	0 38	4 33	1 53	28 3	14 19	8 56	8 46	9 2		n.a.
T 26	11 52	14 8	5 10	20 18	2 24	2 22	1 33	3 39	0 55	23 45	0 7	19 36	1 13	21 45	0 38	4 34	1 53	28 3	14 20	8 56	8 45	9 4		n.a.
F 27	12 13	10 50	4 46	20 42	2 26	2 53	1 32	3 36	0 52	23 45	0 7	19 38	1 13	21 45	0 38	4 35	1 53	28 3	14 20	8 56	8 43	9 6		n.a.
S 28	12 34	6 49	4 4	21 4	2 28	3 23	1 31	3 33	0 49	23 45	0 7	19 39	1 13	21 45	0 38	4 36	1 53	28 3	14 21	8 56	8 42	9 7		n.a.
S 29	12 55	2 18	3 5	21 25	2 29	3 53	1 30	3 31	0 45	23 46	0 7	19 41	1 13	21 44	0 38	4 36	1 53	28 4	14 21	8 56	8 41	9 9		n.a.
M30	13 16	2s29	1 54	21 45	2 29	4 24	1 29	3 29	0 42	23 46	0 8	19 42	1 13	21 44	0 38	4 37	1 53	28 4	14 22	8 57	8 40	9 11		n.a.
T 31	13s36	7s13	0s32	22s 2	2s29	4s54	1n28	3n27	0s39	23n46	0n 8	19s43	1n13	21s44	0s38	4s38	1n54	28n 4	14n22	8s57	8s39	9n12		n.a.

Julian Day Number = 1715852.5, Delta T = 02h58m25s
Ecliptic obliquity = 23°41'41, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°16'21, Lahiri = - 4°09'21 Julian Calendar 1 Oct. 16 BCE == Greg. Calendar 29 Sept. 016 BCE

The year -15 astronomical counting style corresponds to year 016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 16 BCE
geocentric

NOVEMBER 16 BCE (-15) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 31 34	6♏51'08	2♏ 6	27♏53	16♎59	9°R57	3°R51	2♐44	26♑20	16♎ 5	21♌21	22°R46	21♎54	24♈ 0	n.a.	W 1
T 2	2 35 30	7°52'07	17°17	29° 1	18°15	9♈46	3♋49	2°51	26°22	16° 7	21°22	22♎45	21°51	24° 7	n.a.	T 2
F 3	2 39 27	8°53'07	2♐18	0♐ 7	19°30	9°37	3°47	2°58	26°23	16° 9	21°23	22°44	21°48	24°13	n.a.	F 3
S 4	2 43 23	9°54'07	17° 0	1° 9	20°45	9°29	3°45	3° 4	26°24	16°11	21°24	22°41	21°45	24°20	n.a.	S 4
S 5	2 47 20	10°55'09	1♑18	2° 6	22° 1	9°21	3°42	3°11	26°26	16°13	21°24	22°39	21°42	24°27	n.a.	S 5
M 6	2 51 17	11°56'11	15° 8	2°59	23°16	9°14	3°40	3°18	26°27	16°16	21°25	22°37	21°39	24°33	n.a.	M 6
T 7	2 55 13	12°57'14	28°30	3°47	24°31	9° 8	3°37	3°24	26°29	16°18	21°26	22°35	21°35	24°40	n.a.	T 7
W 8	2 59 10	13°58'18	11♒26	4°28	25°47	9° 3	3°34	3°31	26°30	16°20	21°26	22°D34	21°32	24°47	n.a.	W 8
T 9	3 3 6	14°59'22	23°59	5° 3	27° 2	8°58	3°31	3°38	26°32	16°22	21°27	22°35	21°29	24°53	n.a.	T 9
F 10	3 7 3	16° 0'27	6♓15	5°30	28°17	8°55	3°28	3°45	26°33	16°24	21°28	22°36	21°26	25° 0	n.a.	F 10
S 11	3 10 59	17° 1'32	18°16	5°48	29°33	8°52	3°24	3°52	26°35	16°26	21°28	22°37	21°23	25° 7	n.a.	S 11
S 12	3 14 56	18° 2'38	0♈ 9	5°R57	0♏48	8°50	3°20	3°58	26°37	16°28	21°29	22°39	21°20	25°13	n.a.	S 12
M13	3 18 52	19° 3'45	11°57	5°55	2° 4	8°49	3°16	4° 5	26°38	16°30	21°29	22°41	21°16	25°20	n.a.	M13
T 14	3 22 49	20° 4'52	23°43	5°43	3°19	8°D49	3°12	4°12	26°40	16°32	21°29	22°R41	21°13	25°27	n.a.	T 14
W15	3 26 46	21° 6'00	5♉32	5°19	4°35	8°49	3° 8	4°19	26°42	16°34	21°30	22°40	21°10	25°33	n.a.	W15
T 16	3 30 42	22° 7'08	17°25	4°44	5°50	8°51	3° 4	4°26	26°44	16°36	21°30	22°38	21° 7	25°40	n.a.	T 16
F 17	3 34 39	23° 8'17	29°25	3°57	7° 5	8°53	2°59	4°33	26°46	16°37	21°30	22°34	21° 4	25°46	n.a.	F 17
S 18	3 38 35	24° 9'27	11♊33	3° 0	8°21	8°56	2°54	4°40	26°48	16°39	21°31	22°29	21° 0	25°53	n.a.	S 18
S 19	3 42 32	25°10'37	23°51	1°53	9°36	8°59	2°49	4°47	26°50	16°41	21°31	22°23	20°57	26° 0	n.a.	S 19
M20	3 46 28	26°11'48	6♋19	0°38	10°52	9° 3	2°44	4°54	26°52	16°43	21°31	22°17	20°54	26° 6	n.a.	M20
T 21	3 50 25	27°13'00	19° 0	29♏19	12° 7	9° 8	2°39	5° 1	26°54	16°45	21°31	22°11	20°51	26°13	n.a.	T 21
W22	3 54 21	28°14'12	1♌54	27°56	13°23	9°14	2°33	5° 8	26°56	16°47	21°31	22° 7	20°48	26°20	n.a.	W22
T 23	3 58 18	29°15'25	15° 3	26°34	14°38	9°20	2°28	5°15	26°58	16°48	21°32	22° 4	20°45	26°26	n.a.	T 23
F 24	4 2 15	0♐16'39	28°30	25°15	15°54	9°28	2°22	5°22	27° 1	16°50	21°32	22°D 3	20°41	26°33	n.a.	F 24
S 25	4 6 11	1°17'53	12♍15	24° 0	17° 9	9°35	2°16	5°29	27° 3	16°52	21°32	22° 3	20°38	26°40	n.a.	S 25
S 26	4 10 8	2°19'08	26°20	22°54	18°25	9°44	2°10	5°36	27° 5	16°54	21°R32	22° 5	20°35	26°46	n.a.	S 26
M27	4 14 4	3°20'23	10♎44	21°56	19°40	9°53	2° 4	5°43	27° 7	16°55	21°32	22° 6	20°32	26°53	n.a.	M27
T 28	4 18 1	4°21'39	25°25	21° 8	20°56	10° 3	1°58	5°50	27°10	16°57	21°32	22°R 6	20°29	27° 0	n.a.	T 28
W29	4 21 57	5°22'55	10♏18	20°31	22°11	10°13	1°51	5°57	27°12	16°59	21°32	22° 5	20°25	27° 6	n.a.	W29
T 30	4 25 54	6♐24'12	25♏15	20♏ 4	23♏27	10♈24	1♋44	6♐ 4	27♑15	17♎ 0	21♌31	22♎ 2	20♎22	27♈13	n.a.	T 30

Day	☉		☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13 s57	11 s31	0n52	22 s18	2 s28	5 s24	1n27	3n26	0 s36	23n46	0n 8	19 s45	1n12	21 s44	0 s38	4 s39	1n54	28n 4	14n23	8 s57	8 s37	9n14		n.a.
T 2	14 17	15 4	2 12	22 32	2 26	5 54	1 26	3 25	0 33	23 46	0 8	19 46	1 12	21 43	0 38	4 40	1 54	28 4	14 23	8 56	8 36	9 16		n.a.
F 3	14 37	17 32	3 22	22 44	2 24	6 24	1 25	3 24	0 30	23 47	0 8	19 48	1 12	21 43	0 38	4 40	1 54	28 4	14 24	8 56	8 35	9 17		n.a.
S 4	14 56	18 47	4 17	22 54	2 21	6 54	1 24	3 23	0 27	23 47	0 8	19 49	1 12	21 43	0 38	4 41	1 54	28 5	14 24	8 55	8 34	9 19		n.a.
S 5	15 16	18 47	4 55	23 2	2 17	7 23	1 22	3 23	0 24	23 47	0 9	19 50	1 12	21 42	0 38	4 42	1 54	28 5	14 25	8 54	8 33	9 21		n.a.
M 6	15 35	17 38	5 14	23 8	2 12	7 53	1 21	3 23	0 21	23 47	0 9	19 52	1 12	21 42	0 38	4 43	1 54	28 5	14 25	8 53	8 31	9 22		n.a.
T 7	15 54	15 33	5 15	23 11	2 5	8 22	1 20	3 23	0 18	23 48	0 9	19 53	1 12	21 42	0 38	4 44	1 54	28 5	14 26	8 53	8 30	9 24		n.a.
W 8	16 12	12 44	4 59	23 12	1 58	8 51	1 18	3 23	0 15	23 48	0 9	19 54	1 12	21 42	0 38	4 44	1 54	28 6	14 26	8 52	8 29	9 25		n.a.
T 9	16 30	9 25	4 30	23 10	1 49	9 20	1 17	3 24	0 13	23 48	0 9	19 56	1 12	21 41	0 38	4 45	1 54	28 6	14 27	8 52	8 28	9 27		n.a.
F 10	16 48	5 46	3 49	23 5	1 39	9 49	1 15	3 25	0 10	23 48	0 9	19 57	1 12	21 41	0 38	4 46	1 54	28 6	14 27	8 53	8 27	9 29		n.a.
S 11	17 6	1 57	2 59	22 57	1 28	10 17	1 13	3 26	0 7	23 49	0 10	19 59	1 11	21 41	0 38	4 47	1 54	28 7	14 28	8 54	8 25	9 30		n.a.
S 12	17 23	1n54	2 1	22 46	1 15	10 45	1 12	3 28	0 5	23 49	0 10	20 0	1 11	21 40	0 38	4 47	1 54	28 7	14 28	8 54	8 24	9 32		n.a.
M13	17 40	5 40	0 59	22 31	1 1	11 13	1 10	3 30	0 2	23 49	0 10	20 1	1 11	21 40	0 37	4 48	1 54	28 7	14 29	8 55	8 23	9 34		n.a.
T 14	17 57	9 13	0 s 6	22 14	0 45	11 41	1 8	3 32	0n 0	23 49	0 10	20 3	1 11	21 39	0 37	4 49	1 54	28 8	14 29	8 55	8 22	9 35		n.a.
W15	18 13	12 24	1 10	21 53	0 28	12 8	1 6	3 34	0 2	23 50	0 10	20 4	1 11	21 39	0 37	4 50	1 54	28 8	14 30	8 55	8 21	9 37		n.a.
T 16	18 30	15 6	2 12	21 28	0 10	12 36	1 5	3 37	0 5	23 50	0 10	20 6	1 11	21 39	0 37	4 50	1 54	28 8	14 31	8 54	8 19	9 39		n.a.
F 17	18 45	17 11	3 8	21 0	0n10	13 2	1 3	3 40	0 7	23 50	0 11	20 7	1 11	21 38	0 37	4 51	1 54	28 9	14 31	8 52	8 18	9 40		n.a.
S 18	19 1	18 30	3 56	20 30	0 30	13 29	1 1	3 43	0 9	23 50	0 11	20 8	1 11	21 38	0 37	4 52	1 54	28 9	14 32	8 50	8 17	9 42		n.a.
S 19	19 16	18 59	4 34	19 57	0 50	13 55	0 59	3 47	0 12	23 51	0 11	20 10	1 11	21 37	0 37	4 52	1 54	28 9	14 32	8 48	8 16	9 43		n.a.
M20	19 30	18 33	5 0	19 22	1 10	14 21	0 57	3 50	0 14	23 51	0 11	20 11	1 11	21 37	0 37	4 53	1 54	28 10	14 33	8 46	8 15	9 45		n.a.
T 21	19 45	17 12	5 11	18 45	1 30	14 46	0 55	3 54	0 16	23 51	0 11	20 12	1 11	21 37	0 37	4 54	1 54	28 10	14 33	8 44	8 13	9 47		n.a.
W22	19 59	14 57	5 7	18 9	1 48	15 11	0 53	3 58	0 18	23 52	0 11	20 14	1 11	21 36	0 37	4 54	1 54	28 11	14 34	8 42	8 12	9 48		n.a.
T 23	20 12	11 55	4 47	17 34	2 5	15 36	0 50	4 3	0 20	23 52	0 12	20 15	1 10	21 36	0 37	4 55	1 54	28 11	14 34	8 41	8 11	9 50		n.a.
F 24	20 26	8 12	4 11	17 1	2 20	16 0	0 48	4 7	0 22	23 52	0 12	20 16	1 10	21 35	0 37	4 56	1 54	28 12	14 35	8 41	8 10	9 51		n.a.
S 25	20 38	3 58	3 20	16 30	2 33	16 24	0 46	4 12	0 24	23 52	0 12	20 18	1 10	21 35	0 37	4 56	1 54	28 12	14 35	8 41	8 9	9 53		n.a.
S 26	20 51	0 s36	2 16	16 3	2 44	16 47	0 44	4 17	0 26	23 53	0 12	20 19	1 10	21 34	0 37	4 57	1 54	28 12	14 36	8 41	8 7	9 55		n.a.
M27	21 3	5 14	1 1	15 41	2 52	17 10	0 42	4 22	0 27	23 53	0 12	20 20	1 10	21 34	0 37	4 58	1 54	28 13	14 36	8 42	8 6	9 56		n.a.
T 28	21 14	9 39	0n18	15 23	2 58	17 33	0 39	4 28	0 29	23 53	0 12	20 22	1 10	21 33	0 37	4 58	1 55	28 13	14 37	8 42	8 5	9 58		n.a.
W29	21 26	13 32	1 37	15 9	3 1	17 55	0 37	4 34	0 31	23 53	0 13	20 23	1 10	21 33	0 37	4 59	1 55	28 14	14 37	8 41	8 4	9 59		n.a.
T 30	21 s36	16 s32	2n50	15 s 1	3n 3	18 s16	0n35	4n40	0n33	23n54	0n13	20 s24	1n10	21 s32	0 s37	4 s59	1n55	28n15	14n38	8 s40	8 s 2	10n 1		n.a.

Julian Day Number = 1715883.5, Delta T = 02h58m24s
Ecliptic obliquity = 23°41'40, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°16'17, Lahiri = - 4°09'16 Julian Calendar 1 Nov. 16 BCE == Greg. Calendar 30 Oct. 016 BCE

The year -15 astronomical counting style corresponds to year 016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 16 BCE
geocentric

DECEMBER 16 BCE (-15) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 29 51	7♐25'28	10♐10	19°R48	24♏42	10♈36	1°R38	6♐11	27♉17	17♎ 2	21°R31	21°R56	20♎19	27♈19	n.a.	F 1
S 2	4 33 47	8°26'45	24°52	19°D41	25°58	10°48	1♋31	6°19	27°20	17° 4	21♌31	21♎49	20°16	27°26	n.a.	S 2
S 3	4 37 44	9°28'02	9♉14	19♏44	27°13	11° 1	1°24	6°26	27°22	17° 5	21°31	21°40	20°13	27°33	n.a.	S 3
M 4	4 41 40	10°29'18	23°12	19°56	28°28	11°14	1°17	6°33	27°25	17° 7	21°31	21°33	20°10	27°39	n.a.	M 4
T 5	4 45 37	11°30'34	6♒42	20°16	29°44	11°28	1°10	6°40	27°28	17° 8	21°30	21°26	20° 6	27°46	n.a.	T 5
W 6	4 49 33	12°31'50	19°44	20°42	0♐59	11°42	1° 3	6°47	27°30	17°10	21°30	21°21	20° 3	27°53	n.a.	W 6
T 7	4 53 30	13°33'05	2♓22	21°16	2°15	11°57	0°55	6°54	27°33	17°11	21°30	21°18	20° 0	27°59	n.a.	T 7
F 8	4 57 26	14°34'20	14°39	21°55	3°30	12°13	0°48	7° 1	27°36	17°13	21°29	21°D17	19°57	28° 6	n.a.	F 8
S 9	5 1 23	15°35'34	26°41	22°39	4°46	12°29	0°40	7° 8	27°38	17°14	21°29	21°18	19°54	28°13	n.a.	S 9
S 10	5 5 20	16°36'48	8♈32	23°28	6° 1	12°45	0°33	7°15	27°41	17°15	21°28	21°19	19°51	28°19	n.a.	S 10
M11	5 9 16	17°38'01	20°19	24°22	7°17	13° 2	0°25	7°22	27°44	17°17	21°28	21°R20	19°47	28°26	n.a.	M11
T 12	5 13 13	18°39'13	2♉ 6	25°18	8°32	13°20	0°17	7°29	27°47	17°18	21°28	21°19	19°44	28°33	n.a.	T 12
W13	5 17 9	19°40'25	13°57	26°19	9°47	13°38	0° 9	7°36	27°50	17°19	21°27	21°16	19°41	28°39	n.a.	W13
T 14	5 21 6	20°41'37	25°57	27°22	11° 3	13°56	0° 2	7°43	27°53	17°20	21°26	21°11	19°38	28°46	n.a.	T 14
F 15	5 25 2	21°42'48	8♊ 7	28°28	12°18	14°15	29♊54	7°50	27°56	17°22	21°26	21° 3	19°35	28°53	n.a.	F 15
S 16	5 28 59	22°43'58	20°29	29°36	13°34	14°34	29°46	7°57	27°59	17°23	21°25	20°52	19°31	28°59	n.a.	S 16
S 17	5 32 55	23°45'08	3♋ 4	0♐47	14°49	14°54	29°38	8° 3	28° 2	17°24	21°25	20°41	19°28	29° 6	n.a.	S 17
M18	5 36 52	24°46'17	15°52	1°59	16° 4	15°14	29°30	8°10	28° 5	17°25	21°24	20°29	19°25	29°12	n.a.	M18
T 19	5 40 49	25°47'26	28°52	3°13	17°20	15°34	29°22	8°17	28° 8	17°26	21°23	20°17	19°22	29°19	n.a.	T 19
W20	5 44 45	26°48'34	12♌ 3	4°29	18°35	15°55	29°14	8°24	28°11	17°27	21°22	20° 8	19°19	29°26	n.a.	W20
T 21	5 48 42	27°49'41	25°26	5°47	19°50	16°16	29° 6	8°31	28°14	17°28	21°22	20° 1	19°16	29°32	n.a.	T 21
F 22	5 52 38	28°50'48	8♍59	7° 5	21° 6	16°38	28°58	8°38	28°17	17°29	21°21	19°57	19°12	29°39	n.a.	F 22
S 23	5 56 35	29°51'55	22°43	8°25	22°21	16°59	28°50	8°44	28°20	17°30	21°20	19°55	19° 9	29°46	n.a.	S 23
S 24	6 0 31	0♉53'01	6♎39	9°46	23°37	17°22	28°41	8°51	28°23	17°31	21°19	19°D55	19° 6	29°52	n.a.	S 24
M25	6 4 28	1°54'07	20°46	11° 8	24°52	17°44	28°33	8°58	28°26	17°32	21°18	19°R55	19° 3	29°59	n.a.	M25
T 26	6 8 24	2°55'11	5♏ 5	12°32	26° 7	18° 7	28°25	9° 4	28°30	17°33	21°17	19°54	19° 0	0♉ 6	n.a.	T 26
W27	6 12 21	3°56'16	19°32	13°56	27°23	18°30	28°17	9°11	28°33	17°34	21°16	19°52	18°57	0°12	n.a.	W27
T 28	6 16 18	4°57'20	4♐ 4	15°21	28°38	18°54	28° 9	9°18	28°36	17°35	21°15	19°46	18°53	0°19	n.a.	T 28
F 29	6 20 14	5°58'22	18°35	16°47	29°53	19°18	28° 1	9°24	28°39	17°36	21°14	19°37	18°50	0°26	n.a.	F 29
S 30	6 24 11	6°59'24	2♉59	18°14	1♉ 8	19°42	27°54	9°31	28°43	17°36	21°13	19°26	18°47	0°32	n.a.	S 30
S 31	6 28 7	8♉ 0'25	17♉10	19♐41	2♉24	20♈ 6	27♊46	9♐37	28♉46	17♎37	21♌12	19♎13	18♎44	0♉39	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s47	18s24	3n51	14s56	3n 3	18s37	0n32	4n46	0n34	23n54	0n13	20s25	1n10	21s32	0s37	5s 0	1n55	28n15	14n38	8s38	8s 1	10n 3		n.a.
S 2	21 57	19 1	4 35	14 56	3 2	18 58	0 30	4 52	0 36	23 54	0 13	20 27	1 10	21 31	0 37	5 0	1 55	28 16	14 39	8 35	8 0	10 4		n.a.
S 3	22 6	18 22	5 1	14 59	2 59	19 18	0 28	4 58	0 37	23 54	0 13	20 28	1 10	21 31	0 37	5 1	1 55	28 16	14 39	8 32	7 59	10 6		n.a.
M 4	22 15	16 37	5 8	15 6	2 55	19 37	0 25	5 5	0 39	23 55	0 13	20 29	1 10	21 30	0 37	5 2	1 55	28 17	14 40	8 29	7 58	10 7		n.a.
T 5	22 24	14 0	4 57	15 16	2 50	19 56	0 23	5 12	0 40	23 55	0 14	20 30	1 10	21 30	0 37	5 2	1 55	28 17	14 40	8 27	7 56	10 9		n.a.
W 6	22 32	10 46	4 31	15 29	2 44	20 14	0 21	5 19	0 42	23 55	0 14	20 32	1 10	21 29	0 37	5 3	1 55	28 18	14 41	8 25	7 55	10 11		n.a.
T 7	22 40	7 7	3 53	15 44	2 38	20 32	0 18	5 26	0 43	23 55	0 14	20 33	1 10	21 29	0 37	5 3	1 55	28 18	14 41	8 24	7 54	10 12		n.a.
F 8	22 47	3 16	3 4	16 1	2 31	20 49	0 16	5 34	0 45	23 56	0 14	20 34	1 10	21 28	0 37	5 4	1 55	28 19	14 42	8 23	7 53	10 14		n.a.
S 9	22 54	0n38	2 9	16 19	2 23	21 6	0 13	5 41	0 46	23 56	0 14	20 35	1 9	21 27	0 37	5 4	1 55	28 20	14 42	8 24	7 52	10 15		n.a.
S 10	23 1	4 28	1 8	16 39	2 15	21 22	0 11	5 49	0 47	23 56	0 14	20 37	1 9	21 27	0 37	5 5	1 55	28 20	14 43	8 24	7 50	10 17		n.a.
M11	23 7	8 6	0 5	17 0	2 7	21 37	0 8	5 57	0 49	23 56	0 15	20 38	1 9	21 26	0 37	5 5	1 55	28 21	14 43	8 24	7 49	10 18		n.a.
T 12	23 12	11 26	0s58	17 22	1 59	21 52	0 6	6 5	0 50	23 56	0 15	20 39	1 9	21 26	0 37	5 5	1 55	28 21	14 44	8 24	7 48	10 20		n.a.
W13	23 17	14 19	1 58	17 44	1 51	22 6	0 4	6 13	0 51	23 56	0 15	20 40	1 9	21 25	0 37	5 6	1 55	28 22	14 44	8 23	7 47	10 22		n.a.
T 14	23 22	16 37	2 54	18 7	1 42	22 19	0 1	6 21	0 52	23 57	0 15	20 41	1 9	21 25	0 37	5 6	1 55	28 23	14 45	8 21	7 46	10 23		n.a.
F 15	23 26	18 13	3 43	18 31	1 34	22 32	0s 1	6 30	0 53	23 57	0 15	20 43	1 9	21 24	0 37	5 7	1 55	28 23	14 45	8 18	7 44	10 25		n.a.
S 16	23 30	18 59	4 22	18 54	1 25	22 44	0 4	6 38	0 54	23 57	0 15	20 44	1 9	21 23	0 37	5 7	1 55	28 24	14 46	8 14	7 43	10 26		n.a.
S 17	23 33	18 50	4 49	19 17	1 16	22 55	0 6	6 47	0 55	23 57	0 15	20 45	1 9	21 23	0 37	5 8	1 56	28 25	14 46	8 9	7 42	10 28		n.a.
M18	23 35	17 44	5 2	19 41	1 8	23 6	0 9	6 56	0 57	23 57	0 16	20 46	1 9	21 22	0 37	5 8	1 56	28 25	14 47	8 5	7 41	10 29		n.a.
T 19	23 38	15 43	5 0	20 4	0 59	23 16	0 11	7 4	0 58	23 57	0 16	20 47	1 9	21 21	0 37	5 8	1 56	28 26	14 47	8 1	7 39	10 31		n.a.
W20	23 39	12 51	4 41	20 26	0 50	23 25	0 13	7 13	0 59	23 57	0 16	20 48	1 9	21 21	0 37	5 9	1 56	28 27	14 47	7 57	7 38	10 32		n.a.
T 21	23 41	9 18	4 8	20 49	0 42	23 34	0 16	7 23	0 59	23 58	0 16	20 49	1 9	21 20	0 37	5 9	1 56	28 27	14 48	7 54	7 37	10 34		n.a.
F 22	23 41	5 12	3 20	21 10	0 34	23 41	0 18	7 32	1 0	23 58	0 16	20 50	1 9	21 20	0 37	5 9	1 56	28 28	14 48	7 53	7 36	10 36		n.a.
S 23	23 42	0 47	2 19	21 32	0 25	23 49	0 20	7 41	1 1	23 58	0 16	20 52	1 9	21 19	0 37	5 10	1 56	28 29	14 49	7 52	7 35	10 37		n.a.
S 24	23 41	3s44	1 10	21 52	0 17	23 55	0 23	7 51	1 2	23 58	0 16	20 53	1 9	21 18	0 37	5 10	1 56	28 29	14 49	7 52	7 33	10 39		n.a.
M25	23 41	8 7	0n 5	22 12	0 9	24 1	0 25	8 0	1 3	23 58	0 17	20 54	1 9	21 18	0 37	5 10	1 56	28 30	14 50	7 52	7 32	10 40		n.a.
T 26	23 40	12 6	1 20	22 31	0 1	24 5	0 27	8 10	1 4	23 58	0 17	20 55	1 9	21 17	0 37	5 11	1 56	28 31	14 50	7 52	7 31	10 42		n.a.
W27	23 38	15 23	2 30	22 49	0s 6	24 10	0 29	8 19	1 5	23 58	0 17	20 56	1 9	21 16	0 37	5 11	1 56	28 32	14 50	7 51	7 30	10 43		n.a.
T 28	23 36	17 43	3 31	23 7	0 14	24 13	0 32	8 29	1 6	23 58	0 17	20 57	1 9	21 16	0 37	5 11	1 56	28 32	14 51	7 49	7 29	10 45		n.a.
F 29	23 33	18 54	4 19	23 23	0 21	24 16	0 34	8 39	1 6	23 58	0 17	20 58	1 9	21 15	0 37	5 11	1 56	28 33	14 51	7 45	7 27	10 46		n.a.
S 30	23 30	18 51	4 49	23 38	0 28	24 17	0 36	8 49	1 7	23 58	0 17	20 59	1 9	21 14	0 37	5 12	1 56	28 34	14 52	7 41	7 26	10 48		n.a.
S 31	23s27	17s36	5n 1	23s53	0s35	24s18	0s38	8n59	1n 8	23n58	0n17	21s 0	1n 9	21s13	0s37	5s12	1n56	28n34	14n52	7s36	7s25	10n49		n.a.

Julian Day Number = 1715913.5, Delta T = 02h58m23s
Ecliptic obliquity = 23°41'39, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°16'13, Lahiri = - 4°09'12 Julian Calendar 1 Dec. 16 BCE == Greg. Calendar 29 Nov. 016 BCE

The year -15 astronomical counting style corresponds to year 016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 15 BCE
geocentric

JANUARY 15 BCE (-14) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 32 4	9♑ 1'25	1♒ 1	21♐10	3♑39	20♈31	27°R38	9♐44	28♑49	17♎38	21°R11	19°R 1	18♎41	0♉46	n.a.	M 1
T 2	6 36 0	10° 2'23	14°29	22°39	4°54	20°56	27♊30	9°50	28°53	17°38	21♌10	18♎50	18°37	0°52	n.a.	T 2
W 3	6 39 57	11° 3'20	27°32	24° 9	6°10	21°21	27°23	9°57	28°56	17°39	21° 9	18°41	18°34	0°59	n.a.	W 3
T 4	6 43 54	12° 4'16	10♓13	25°40	7°25	21°47	27°15	10° 3	28°59	17°40	21° 8	18°35	18°31	1° 6	n.a.	T 4
F 5	6 47 50	13° 5'10	22°33	27°11	8°40	22°12	27° 7	10° 9	29° 3	17°40	21° 7	18°31	18°28	1°12	n.a.	F 5
S 6	6 51 47	14° 6'02	4♈36	28°43	9°55	22°38	27° 0	10°16	29° 6	17°41	21° 6	18°30	18°25	1°19	n.a.	S 6
S 7	6 55 43	15° 6'53	16°29	0♑16	11°10	23° 5	26°53	10°22	29° 9	17°41	21° 4	18°30	18°22	1°25	n.a.	S 7
M 8	6 59 40	16° 7'43	28°17	1°50	12°26	23°31	26°45	10°28	29°13	17°42	21° 3	18°29	18°18	1°32	n.a.	M 8
T 9	7 3 36	17° 8'31	10♉ 5	3°24	13°41	23°58	26°38	10°34	29°16	17°42	21° 2	18°28	18°15	1°39	n.a.	T 9
W10	7 7 33	18° 9'17	21°59	5° 0	14°56	24°25	26°31	10°40	29°20	17°42	21° 1	18°25	18°12	1°45	n.a.	W10
T 11	7 11 29	19°10'01	4♊ 3	6°36	16°11	24°52	26°24	10°46	29°23	17°43	20°59	18°19	18° 9	1°52	n.a.	T 11
F 12	7 15 26	20°10'44	16°21	8°12	17°26	25°20	26°17	10°52	29°26	17°43	20°58	18°10	18° 6	1°59	n.a.	F 12
S 13	7 19 23	21°11'26	28°55	9°50	18°41	25°47	26°11	10°58	29°30	17°43	20°57	17°58	18° 3	2° 5	n.a.	S 13
S 14	7 23 19	22°12'05	11♋47	11°29	19°57	26°15	26° 4	11° 4	29°33	17°44	20°56	17°45	17°59	2°12	n.a.	S 14
M15	7 27 16	23°12'43	24°55	13° 8	21°12	26°43	25°58	11°10	29°37	17°44	20°54	17°32	17°56	2°19	n.a.	M15
T 16	7 31 12	24°13'20	8♌19	14°48	22°27	27°11	25°51	11°16	29°40	17°44	20°53	17°19	17°53	2°25	n.a.	T 16
W17	7 35 9	25°13'55	21°55	16°29	23°42	27°40	25°45	11°22	29°44	17°44	20°51	17° 8	17°50	2°32	n.a.	W17
T 18	7 39 5	26°14'28	5♍41	18°11	24°57	28° 8	25°39	11°27	29°47	17°44	20°50	17° 0	17°47	2°39	n.a.	T 18
F 19	7 43 2	27°15'00	19°34	19°53	26°12	28°37	25°33	11°33	29°51	17°44	20°49	16°55	17°43	2°45	n.a.	F 19
S 20	7 46 58	28°15'31	3♎32	21°37	27°27	29° 6	25°27	11°39	29°54	17°44	20°47	16°52	17°40	2°52	n.a.	S 20
S 21	7 50 55	29°16'00	17°34	23°22	28°42	29°35	25°22	11°44	29°58	17°R44	20°46	16°D52	17°37	2°59	n.a.	S 21
M22	7 54 52	0♒16'28	1♏38	25° 7	29°57	0♉ 4	25°16	11°50	0♒ 1	17°44	20°44	16°R52	17°34	3° 5	n.a.	M22
T 23	7 58 48	1°16'54	15°45	26°54	1♒12	0°34	25°11	11°55	0° 4	17°44	20°43	16°51	17°31	3°12	n.a.	T 23
W24	8 2 45	2°17'19	29°52	28°41	2°27	1° 3	25° 6	12° 0	0° 8	17°44	20°41	16°49	17°28	3°19	n.a.	W24
T 25	8 6 41	3°17'43	13♐59	0♒29	3°42	1°33	25° 1	12° 6	0°11	17°44	20°40	16°43	17°24	3°25	n.a.	T 25
F 26	8 10 38	4°18'04	28° 3	2°19	4°57	2° 3	24°56	12°11	0°15	17°44	20°38	16°35	17°21	3°32	n.a.	F 26
S 27	8 14 34	5°18'25	11♑59	4° 9	6°12	2°33	24°51	12°16	0°18	17°44	20°37	16°25	17°18	3°38	n.a.	S 27
S 28	8 18 31	6°18'43	25°45	6° 0	7°27	3° 3	24°47	12°21	0°22	17°44	20°35	16°13	17°15	3°45	n.a.	S 28
M29	8 22 27	7°19'00	9♒16	7°52	8°42	3°34	24°42	12°26	0°25	17°43	20°34	16° 1	17°12	3°52	n.a.	M29
T 30	8 26 24	8°19'15	22°30	9°45	9°57	4° 4	24°38	12°31	0°29	17°43	20°32	15°50	17° 9	3°58	n.a.	T 30
W31	8 30 21	9♒19'28	5♓24	11♒38	11♒12	4♉35	24♊34	12♐36	0♒32	17♎43	20♌31	15♎42	17♎ 5	4♉ 5	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	23s23	15s21	4n55	24s 6	0s42	24s19	0s40	9n 9	1n 9	23n58	0n18	21s 1	1n 9	21s13	0s37	5s12	1n57	28n35	14n52	7s31	7s24	10n51			n.a.
T 2	23 19	12 20	4 32	24 18	0 49	24 18	0 42	9 19	1 9	23 58	0 18	21 2	1 9	21 12	0 37	5 12	1 57	28 36	14 53	7 27	7 22	10 53			n.a.
W 3	23 14	8 46	3 55	24 29	0 55	24 17	0 44	9 30	1 10	23 58	0 18	21 3	1 9	21 11	0 37	5 12	1 57	28 37	14 53	7 24	7 21	10 54			n.a.
T 4	23 8	4 55	3 8	24 39	1 1	24 15	0 46	9 40	1 11	23 58	0 18	21 4	1 9	21 11	0 37	5 12	1 57	28 37	14 54	7 21	7 20	10 56			n.a.
F 5	23 3	0 57	2 13	24 47	1 7	24 13	0 48	9 50	1 11	23 58	0 18	21 5	1 9	21 10	0 37	5 13	1 57	28 38	14 54	7 20	7 19	10 57			n.a.
S 6	22 56	2n58	1 13	24 54	1 13	24 9	0 50	10 1	1 12	23 58	0 18	21 6	1 9	21 9	0 37	5 13	1 57	28 39	14 54	7 19	7 18	10 59			n.a.
S 7	22 50	6 43	0 11	25 0	1 18	24 5	0 52	10 11	1 12	23 58	0 18	21 6	1 9	21 9	0 37	5 13	1 57	28 40	14 55	7 19	7 16	11 0			n.a.
M 8	22 42	10 10	0s52	25 4	1 23	24 0	0 54	10 21	1 13	23 58	0 18	21 7	1 9	21 8	0 37	5 13	1 57	28 40	14 55	7 19	7 15	11 2			n.a.
T 9	22 35	13 14	1 52	25 7	1 28	23 54	0 56	10 32	1 14	23 58	0 19	21 8	1 9	21 7	0 37	5 13	1 57	28 41	14 55	7 19	7 14	11 3			n.a.
W10	22 27	15 46	2 47	25 9	1 33	23 48	0 58	10 43	1 14	23 58	0 19	21 9	1 9	21 6	0 37	5 13	1 57	28 42	14 56	7 18	7 13	11 5			n.a.
T 11	22 18	17 38	3 36	25 9	1 37	23 41	0 59	10 53	1 15	23 58	0 19	21 10	1 9	21 6	0 37	5 13	1 57	28 43	14 56	7 15	7 11	11 6			n.a.
F 12	22 10	18 44	4 16	25 7	1 41	23 33	1 1	11 4	1 15	23 57	0 19	21 11	1 9	21 5	0 37	5 13	1 57	28 43	14 56	7 12	7 10	11 8			n.a.
S 13	22 0	18 57	4 44	25 4	1 45	23 24	1 3	11 15	1 16	23 57	0 19	21 12	1 9	21 4	0 37	5 13	1 57	28 44	14 57	7 7	7 9	11 9			n.a.
S 14	21 51	18 12	4 59	25 0	1 48	23 15	1 4	11 25	1 16	23 57	0 19	21 12	1 9	21 3	0 37	5 13	1 57	28 45	14 57	7 2	7 8	11 11			n.a.
M15	21 40	16 29	4 58	24 53	1 52	23 5	1 6	11 36	1 17	23 57	0 19	21 13	1 9	21 3	0 37	5 13	1 57	28 46	14 57	6 57	7 7	11 12			n.a.
T 16	21 30	13 52	4 41	24 45	1 54	22 54	1 7	11 47	1 17	23 57	0 19	21 14	1 9	21 2	0 37	5 13	1 58	28 46	14 58	6 52	7 5	11 14			n.a.
W17	21 19	10 27	4 7	24 36	1 57	22 43	1 9	11 57	1 18	23 57	0 20	21 15	1 9	21 1	0 37	5 13	1 58	28 47	14 58	6 48	7 4	11 15			n.a.
T 18	21 8	6 26	3 19	24 24	1 59	22 31	1 10	12 8	1 18	23 57	0 20	21 16	1 9	21 1	0 37	5 13	1 58	28 48	14 58	6 45	7 3	11 17			n.a.
F 19	20 56	2 3	2 19	24 11	2 0	22 18	1 11	12 19	1 18	23 57	0 20	21 16	1 9	21 0	0 37	5 13	1 58	28 49	14 58	6 43	7 2	11 18			n.a.
S 20	20 44	2s29	1 10	23 56	2 1	22 5	1 13	12 30	1 19	23 57	0 20	21 17	1 9	20 59	0 37	5 13	1 58	28 49	14 59	6 42	7 0	11 20			n.a.
S 21	20 31	6 54	0n 4	23 39	2 2	21 51	1 14	12 41	1 19	23 57	0 20	21 18	1 9	20 58	0 37	5 13	1 58	28 50	14 59	6 42	6 59	11 21			n.a.
M22	20 18	10 57	1 18	23 21	2 3	21 36	1 15	12 51	1 20	23 57	0 20	21 19	1 9	20 58	0 37	5 13	1 58	28 51	14 59	6 42	6 58	11 23			n.a.
T 23	20 5	14 23	2 27	23 0	2 3	21 20	1 16	13 2	1 20	23 56	0 20	21 19	1 9	20 57	0 37	5 13	1 58	28 51	14 59	6 42	6 57	11 24			n.a.
W24	19 52	16 58	3 27	22 38	2 2	21 4	1 17	13 13	1 20	23 56	0 20	21 20	1 9	20 56	0 37	5 13	1 58	28 52	15 0	6 40	6 56	11 26			n.a.
T 25	19 38	18 30	4 15	22 14	2 1	20 48	1 18	13 24	1 21	23 56	0 20	21 21	1 9	20 55	0 37	5 13	1 58	28 53	15 0	6 38	6 54	11 27			n.a.
F 26	19 23	18 54	4 47	21 48	2 0	20 31	1 19	13 35	1 21	23 56	0 20	21 21	1 9	20 55	0 37	5 13	1 58	28 54	15 0	6 35	6 53	11 29			n.a.
S 27	19 9	18 9	5 1	21 20	1 58	20 13	1 20	13 46	1 21	23 56	0 21	21 22	1 9	20 54	0 37	5 13	1 58	28 54	15 0	6 31	6 52	11 30			n.a.
S 28	18 54	16 20	4 58	20 50	1 55	19 54	1 21	13 56	1 22	23 56	0 21	21 23	1 9	20 53	0 37	5 12	1 58	28 55	15 0	6 27	6 51	11 31			n.a.
M29	18 38	13 40	4 38	20 18	1 52	19 35	1 22	14 7	1 22	23 56	0 21	21 23	1 9	20 52	0 37	5 12	1 58	28 56	15 1	6 22	6 49	11 33			n.a.
T 30	18 23	10 20	4 3	19 44	1 48	19 16	1 22	14 18	1 22	23 56	0 21	21 24	1 9	20 52	0 37	5 12	1 58	28 56	15 1	6 18	6 48	11 34			n.a.
W31	18s 7	6s35	3n17	19s 9	1s44	18s56	1s23	14n29	1n23	23n56	0n21	21s25	1n 9	20s51	0s37	5s12	1n59	28n57	15n 1	6s14	6s47	11n36			n.a.

Julian Day Number = 1715944.5, Delta T = 02h58m22s
Ecliptic obliquity = 23°41'39, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°16'09, Lahiri = - 4°09'08 Julian Calendar 1 Jan. 15 BCE == Greg. Calendar 30 Dec. 016 BCE

The year -14 astronomical counting style corresponds to year 015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 15 BCE
geocentric

FEBRUARY 15 BCE (-14) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 34 17	10♒19'38	18♓ 0	13♒33	12♒26	5♉ 5	24°R31	12♐41	0♒36	17°R42	20°R29	15°R35	17♎ 2	4♉12	n.a.	T 1
F 2	8 38 14	11°19'47	0♈18	15°28	13°41	5°36	24♊27	12°46	0°39	17♎42	20♌27	15♎32	16°59	4°18	n.a.	F 2
S 3	8 42 10	12°19'53	12°22	17°23	14°56	6° 7	24°24	12°50	0°42	17°42	20°26	15°D31	16°56	4°25	n.a.	S 3
S 4	8 46 7	13°19'58	24°15	19°19	16°11	6°38	24°20	12°55	0°46	17°41	20°24	15°31	16°53	4°32	n.a.	S 4
M 5	8 50 3	14°20'00	6♉ 4	21°15	17°26	7°10	24°17	12°59	0°49	17°41	20°23	15°32	16°49	4°38	n.a.	M 5
T 6	8 54 0	15°20'00	17°53	23°12	18°41	7°41	24°14	13° 4	0°53	17°40	20°21	15°R32	16°46	4°45	n.a.	T 6
W 7	8 57 56	16°19'57	29°47	25° 8	19°55	8°13	24°12	13° 8	0°56	17°40	20°20	15°31	16°43	4°52	n.a.	W 7
T 8	9 1 53	17°19'52	11♊53	27° 3	21°10	8°44	24° 9	13°13	0°59	17°39	20°18	15°28	16°40	4°58	n.a.	T 8
F 9	9 5 49	18°19'45	24°14	28°58	22°25	9°16	24° 7	13°17	1° 3	17°38	20°16	15°22	16°37	5° 5	n.a.	F 9
S 10	9 9 46	19°19'36	6♋54	0♓52	23°40	9°48	24° 5	13°21	1° 6	17°38	20°15	15°15	16°34	5°12	n.a.	S 10
S 11	9 13 43	20°19'25	19°56	2°45	24°54	10°20	24° 3	13°25	1° 9	17°37	20°13	15° 6	16°30	5°18	n.a.	S 11
M12	9 17 39	21°19'11	3♌19	4°36	26° 9	10°52	24° 1	13°29	1°13	17°36	20°12	14°56	16°27	5°25	n.a.	M12
T 13	9 21 36	22°18'55	17° 2	6°24	27°24	11°24	24° 0	13°33	1°16	17°36	20°10	14°47	16°24	5°32	n.a.	T 13
W14	9 25 32	23°18'37	1♍ 2	8°10	28°38	11°56	23°58	13°37	1°19	17°35	20° 8	14°40	16°21	5°38	n.a.	W14
T 15	9 29 29	24°18'17	15°15	9°53	29°53	12°28	23°57	13°41	1°23	17°34	20° 7	14°34	16°18	5°45	n.a.	T 15
F 16	9 33 25	25°17'55	29°35	11°32	1♓ 7	13° 0	23°56	13°44	1°26	17°33	20° 5	14°31	16°15	5°52	n.a.	F 16
S 17	9 37 22	26°17'31	13♎57	13° 7	2°22	13°33	23°56	13°48	1°29	17°32	20° 4	14°D30	16°11	5°58	n.a.	S 17
S 18	9 41 18	27°17'05	28°18	14°38	3°37	14° 5	23°55	13°52	1°32	17°32	20° 2	14°30	16° 8	6° 5	n.a.	S 18
M19	9 45 15	28°16'37	12♏34	16° 3	4°51	14°38	23°55	13°55	1°36	17°31	20° 0	14°32	16° 5	6°11	n.a.	M19
T 20	9 49 12	29°16'08	26°43	17°23	6° 6	15°11	23°D55	13°58	1°39	17°30	19°59	14°R32	16° 2	6°18	n.a.	T 20
W21	9 53 8	0♓15'36	10♐45	18°37	7°20	15°44	23°55	14° 2	1°42	17°29	19°57	14°32	15°59	6°25	n.a.	W21
T 22	9 57 5	1°15'03	24°37	19°45	8°35	16°16	23°55	14° 5	1°45	17°28	19°56	14°30	15°55	6°31	n.a.	T 22
F 23	10 1 1	2°14'28	8♑19	20°46	9°49	16°49	23°55	14° 8	1°48	17°27	19°54	14°25	15°52	6°38	n.a.	F 23
S 24	10 4 58	3°13'51	21°50	21°40	11° 4	17°22	23°56	14°11	1°51	17°26	19°53	14°20	15°49	6°45	n.a.	S 24
S 25	10 8 54	4°13'13	5♒10	22°28	12°18	17°56	23°57	14°14	1°54	17°25	19°51	14°13	15°46	6°51	n.a.	S 25
M26	10 12 51	5°12'32	18°16	23° 8	13°32	18°29	23°58	14°17	1°57	17°24	19°50	14° 6	15°43	6°58	n.a.	M26
T 27	10 16 47	6°11'49	1♓ 8	23°40	14°47	19° 2	23°59	14°19	2° 0	17°22	19°48	14° 0	15°40	7° 5	n.a.	T 27
W28	10 20 44	7♓11'04	13♓45	24♓ 5	16♓ 1	19♉35	24♊ 0	14♐22	2♒ 3	17♎21	19♌47	13♎55	15♎36	7♉11	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s50	2s38	2n21	18s31	1s39	18s35	1s23	14n39	1n23	23n56	0n21	21s25	1n 9	20s50	0s37	5s12	1n59	28n58	15n 1	6s12	6s46	11n37		n.a.
F 2	17 34	1n21	1 20	17 52	1 34	18 14	1 24	14 50	1 23	23 56	0 21	21 26	1 9	20 49	0 37	5 12	1 59	28 58	15 1	6 11	6 44	11 39		n.a.
S 3	17 17	5 12	0 17	17 11	1 28	17 52	1 24	15 1	1 24	23 56	0 21	21 26	1 9	20 49	0 37	5 11	1 59	28 59	15 1	6 10	6 43	11 40		n.a.
S 4	17 0	8 47	0s47	16 28	1 21	17 30	1 25	15 12	1 24	23 55	0 21	21 27	1 9	20 48	0 37	5 11	1 59	29 0	15 1	6 10	6 42	11 42		n.a.
M 5	16 42	11 59	1 48	15 44	1 14	17 7	1 25	15 22	1 24	23 55	0 21	21 27	1 9	20 47	0 37	5 11	1 59	29 0	15 2	6 11	6 41	11 43		n.a.
T 6	16 25	14 43	2 44	14 58	1 6	16 44	1 25	15 33	1 24	23 55	0 21	21 28	1 9	20 46	0 37	5 11	1 59	29 1	15 2	6 11	6 40	11 45		n.a.
W 7	16 7	16 50	3 34	14 11	0 58	16 21	1 26	15 43	1 24	23 55	0 21	21 28	1 9	20 46	0 37	5 10	1 59	29 2	15 2	6 10	6 38	11 46		n.a.
T 8	15 48	18 14	4 15	13 23	0 48	15 57	1 26	15 54	1 25	23 55	0 22	21 29	1 9	20 45	0 37	5 10	1 59	29 2	15 2	6 9	6 37	11 47		n.a.
F 9	15 30	18 49	4 46	12 33	0 39	15 32	1 26	16 4	1 25	23 55	0 22	21 29	1 9	20 44	0 37	5 10	1 59	29 3	15 2	6 7	6 36	11 49		n.a.
S 10	15 11	18 28	5 3	11 43	0 28	15 7	1 26	16 15	1 25	23 55	0 22	21 30	1 9	20 44	0 37	5 9	1 59	29 4	15 2	6 4	6 35	11 50		n.a.
S 11	14 52	17 10	5 5	10 52	0 17	14 42	1 26	16 25	1 25	23 55	0 22	21 30	1 9	20 43	0 37	5 9	1 59	29 4	15 2	6 0	6 33	11 52		n.a.
M12	14 33	14 55	4 51	10 1	0 6	14 17	1 26	16 36	1 25	23 55	0 22	21 31	1 9	20 42	0 37	5 9	1 59	29 5	15 2	5 57	6 32	11 53		n.a.
T 13	14 13	11 47	4 19	9 10	0n 6	13 51	1 26	16 46	1 26	23 55	0 22	21 31	1 9	20 41	0 37	5 8	1 59	29 5	15 2	5 53	6 31	11 55		n.a.
W14	13 54	7 55	3 32	8 18	0 19	13 24	1 25	16 56	1 26	23 55	0 22	21 32	1 9	20 41	0 37	5 8	1 59	29 6	15 2	5 50	6 30	11 56		n.a.
T 15	13 34	3 33	2 31	7 28	0 31	12 57	1 25	17 6	1 26	23 55	0 22	21 32	1 9	20 40	0 37	5 8	1 59	29 7	15 2	5 48	6 28	11 58		n.a.
F 16	13 14	1s 3	1 20	6 38	0 44	12 30	1 25	17 17	1 26	23 55	0 22	21 33	1 9	20 39	0 37	5 7	1 59	29 7	15 2	5 47	6 27	11 59		n.a.
S 17	12 53	5 36	0 3	5 49	0 58	12 3	1 24	17 27	1 26	23 55	0 22	21 33	1 9	20 38	0 37	5 7	2 0	29 8	15 2	5 46	6 26	12 0		n.a.
S 18	12 33	9 50	1n14	5 2	1 11	11 35	1 24	17 37	1 26	23 55	0 22	21 33	1 10	20 38	0 37	5 7	2 0	29 8	15 2	5 47	6 25	12 2		n.a.
M19	12 12	13 28	2 26	4 16	1 24	11 7	1 23	17 47	1 27	23 55	0 22	21 34	1 10	20 37	0 37	5 6	2 0	29 9	15 2	5 47	6 24	12 3		n.a.
T 20	11 51	16 15	3 28	3 32	1 38	10 39	1 22	17 57	1 27	23 55	0 22	21 34	1 10	20 36	0 37	5 6	2 0	29 9	15 2	5 47	6 22	12 5		n.a.
W21	11 30	18 3	4 18	2 51	1 51	10 10	1 22	18 6	1 27	23 56	0 22	21 34	1 10	20 36	0 37	5 5	2 0	29 10	15 2	5 47	6 21	12 6		n.a.
T 22	11 9	18 44	4 51	2 13	2 3	9 41	1 21	18 16	1 27	23 56	0 22	21 35	1 10	20 35	0 37	5 5	2 0	29 10	15 2	5 46	6 20	12 8		n.a.
F 23	10 47	18 19	5 8	1 37	2 16	9 12	1 20	18 26	1 27	23 56	0 23	21 35	1 10	20 34	0 37	5 5	2 0	29 11	15 2	5 45	6 19	12 9		n.a.
S 24	10 26	16 51	5 7	1 5	2 27	8 43	1 19	18 35	1 27	23 56	0 23	21 35	1 10	20 34	0 37	5 4	2 0	29 11	15 2	5 42	6 17	12 10		n.a.
S 25	10 4	14 30	4 49	0 36	2 39	8 13	1 18	18 45	1 27	23 56	0 23	21 36	1 10	20 33	0 37	5 4	2 0	29 12	15 2	5 40	6 16	12 12		n.a.
M26	9 42	11 27	4 17	0 10	2 49	7 44	1 17	18 55	1 27	23 56	0 23	21 36	1 10	20 32	0 37	5 3	2 0	29 12	15 2	5 37	6 15	12 13		n.a.
T 27	9 20	7 54	3 32	0n11	2 58	7 14	1 16	19 4	1 27	23 56	0 23	21 36	1 10	20 32	0 37	5 3	2 0	29 13	15 2	5 35	6 14	12 15		n.a.
W28	8s58	4s 3	2n37	0n29	3n 7	6s44	1s15	19n13	1n28	23n56	0n23	21s37	1n10	20s31	0s37	5s 2	2n 0	29n13	15n 2	5s33	6s12	12n16		n.a.

Julian Day Number = 1715975.5, Delta T = 02h58m21s
Ecliptic obliquity = 23°41'39, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°16'04, Lahiri = - 4°09'04 Julian Calendar 1 Feb. 15 BCE == Greg. Calendar 30 Jan. 015 BCE

The year -14 astronomical counting style corresponds to year 015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 15 BCE
geocentric

MARCH 15 BCE (-14) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 24 40	8♓10'16	26♓ 9	24♓23	17♓16	20♉ 9	24♊ 2	14♐25	2♒ 6	17°R20	19°R45	13°R51	15♎33	7♉18	n.a.	T 1
F 2	10 28 37	9° 9'27	8♈19	24°33	18°30	20°42	24° 3	14°27	2° 9	17♎19	19♌44	13°D50	15°30	7°25	n.a.	F 2
S 3	10 32 34	10° 8'35	20°19	24°R35	19°44	21°16	24° 5	14°29	2°12	17°18	19°42	13♎50	15°27	7°31	n.a.	S 3
S 4	10 36 30	11° 7'41	2♉12	24°31	20°58	21°50	24° 8	14°32	2°15	17°17	19°41	13°51	15°24	7°38	n.a.	S 4
M 5	10 40 27	12° 6'45	14° 0	24°19	22°13	22°23	24°10	14°34	2°18	17°15	19°39	13°53	15°20	7°45	n.a.	M 5
T 6	10 44 23	13° 5'46	25°49	24° 2	23°27	22°57	24°12	14°36	2°21	17°14	19°38	13°55	15°17	7°51	n.a.	T 6
W 7	10 48 20	14° 4'45	7♊43	23°38	24°41	23°31	24°15	14°38	2°24	17°13	19°36	13°56	15°14	7°58	n.a.	W 7
T 8	10 52 16	15° 3'42	19°48	23° 8	25°55	24° 5	24°18	14°40	2°26	17°11	19°35	13°R56	15°11	8° 5	n.a.	T 8
F 9	10 56 13	16° 2'36	2♋ 8	22°34	27°10	24°39	24°21	14°42	2°29	17°10	19°33	13°55	15° 8	8°11	n.a.	F 9
S 10	11 0 9	17° 1'28	14°48	21°56	28°24	25°13	24°24	14°43	2°32	17° 9	19°32	13°52	15° 5	8°18	n.a.	S 10
S 11	11 4 6	18° 0'17	27°51	21°15	29°38	25°47	24°27	14°45	2°34	17° 7	19°31	13°49	15° 1	8°25	n.a.	S 11
M12	11 8 3	18°59'04	11♌18	20°31	0♈52	26°21	24°31	14°47	2°37	17° 6	19°29	13°45	14°58	8°31	n.a.	M12
T 13	11 11 59	19°57'49	25°10	19°46	2° 6	26°55	24°35	14°48	2°40	17° 5	19°28	13°42	14°55	8°38	n.a.	T 13
W14	11 15 56	20°56'32	9♍25	19° 0	3°20	27°29	24°39	14°49	2°42	17° 3	19°27	13°39	14°52	8°45	n.a.	W14
T 15	11 19 52	21°55'12	23°57	18°14	4°34	28° 3	24°43	14°51	2°45	17° 2	19°25	13°37	14°49	8°51	n.a.	T 15
F 16	11 23 49	22°53'51	8♎41	17°29	5°48	28°37	24°47	14°52	2°47	17° 0	19°24	13°D36	14°46	8°58	n.a.	F 16
S 17	11 27 45	23°52'27	23°30	16°47	7° 2	29°12	24°51	14°53	2°50	16°59	19°23	13°36	14°42	9° 5	n.a.	S 17
S 18	11 31 42	24°51'02	8♏16	16° 6	8°16	29°46	24°56	14°54	2°52	16°58	19°22	13°37	14°39	9°11	n.a.	S 18
M19	11 35 38	25°49'35	22°53	15°29	9°30	0♊21	25° 1	14°54	2°55	16°56	19°20	13°38	14°36	9°18	n.a.	M19
T 20	11 39 35	26°48'06	7♐17	14°56	10°44	0°55	25° 6	14°55	2°57	16°55	19°19	13°39	14°33	9°25	n.a.	T 20
W21	11 43 31	27°46'35	21°25	14°27	11°57	1°30	25°11	14°56	2°59	16°53	19°18	13°40	14°30	9°31	n.a.	W21
T 22	11 47 28	28°45'03	5♑15	14° 2	13°11	2° 4	25°16	14°56	3° 2	16°52	19°17	13°R40	14°26	9°38	n.a.	T 22
F 23	11 51 25	29°43'29	18°48	13°42	14°25	2°39	25°21	14°57	3° 4	16°50	19°16	13°39	14°23	9°44	n.a.	F 23
S 24	11 55 21	0♈41'54	2♒ 3	13°27	15°39	3°13	25°27	14°57	3° 6	16°48	19°15	13°38	14°20	9°51	n.a.	S 24
S 25	11 59 18	1°40'17	15° 2	13°17	16°53	3°48	25°32	14°58	3° 8	16°47	19°13	13°36	14°17	9°58	n.a.	S 25
M26	12 3 14	2°38'38	27°47	13°D12	18° 6	4°23	25°38	14°58	3°11	16°45	19°12	13°35	14°14	10° 4	n.a.	M26
T 27	12 7 11	3°36'57	10♓18	13°12	19°20	4°58	25°44	14°R58	3°13	16°44	19°11	13°34	14°11	10°11	n.a.	T 27
W28	12 11 7	4°35'14	22°38	13°17	20°34	5°33	25°50	14°58	3°15	16°42	19°10	13°33	14° 7	10°18	n.a.	W28
T 29	12 15 4	5°33'30	4♈47	13°27	21°47	6° 7	25°57	14°58	3°17	16°41	19° 9	13°32	14° 4	10°24	n.a.	T 29
F 30	12 19 0	6°31'44	16°48	13°42	23° 1	6°42	26° 3	14°57	3°19	16°39	19° 8	13°D32	14° 1	10°31	n.a.	F 30
S 31	12 22 57	7♈29'56	28♈42	14♓ 1	24♈15	7♊17	26♊10	14♐57	3♒21	16♎37	19♌ 7	13♎32	13♎58	10♉38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	8s36	0s 6	1n35	0n43	3n14	6s13	1s14	19n22	1n28	23n56	0n23	21s37	1n10	20s30	0s37	5s 2	2n 0	29n14	15n 2	5s31	6s11	12n17			n.a.
F 2	8 13	3n48	0 30	0 52	3 21	5 43	1 13	19 32	1 28	23 56	0 23	21 37	1 10	20 30	0 37	5 1	2 0	29 14	15 2	5 31	6 10	12 19			n.a.
S 3	7 51	7 29	0s35	0 58	3 25	5 12	1 12	19 41	1 28	23 57	0 23	21 37	1 10	20 29	0 37	5 1	2 0	29 14	15 2	5 31	6 9	12 20			n.a.
S 4	7 28	10 49	1 39	0 59	3 29	4 41	1 10	19 50	1 28	23 57	0 23	21 38	1 10	20 28	0 37	5 0	2 0	29 15	15 2	5 31	6 7	12 22			n.a.
M 5	7 5	13 42	2 38	0 57	3 31	4 10	1 9	19 59	1 28	23 57	0 23	21 38	1 10	20 28	0 37	5 0	2 0	29 15	15 2	5 32	6 6	12 23			n.a.
T 6	6 43	16 1	3 30	0 50	3 31	3 39	1 7	20 7	1 28	23 57	0 23	21 38	1 10	20 27	0 37	4 59	2 0	29 16	15 1	5 33	6 5	12 24			n.a.
W 7	6 20	17 39	4 14	0 39	3 30	3 8	1 6	20 16	1 28	23 57	0 23	21 38	1 10	20 26	0 37	4 59	2 0	29 16	15 1	5 33	6 4	12 26			n.a.
T 8	5 57	18 32	4 47	0 25	3 27	2 37	1 4	20 25	1 28	23 57	0 23	21 38	1 10	20 26	0 37	4 58	2 0	29 16	15 1	5 33	6 2	12 27			n.a.
F 9	5 34	18 33	5 8	0 7	3 22	2 6	1 3	20 33	1 28	23 58	0 23	21 38	1 10	20 25	0 37	4 58	2 0	29 17	15 1	5 33	6 1	12 29			n.a.
S 10	5 11	17 39	5 14	0s14	3 16	1 35	1 1	20 42	1 28	23 58	0 23	21 39	1 10	20 25	0 37	4 57	2 1	29 17	15 1	5 32	6 0	12 30			n.a.
S 11	4 47	15 50	5 5	0 37	3 8	1 3	0 59	20 50	1 28	23 58	0 23	21 39	1 10	20 24	0 37	4 57	2 1	29 17	15 1	5 30	5 59	12 31			n.a.
M12	4 24	13 6	4 39	1 3	2 59	0 32	0 58	20 58	1 28	23 58	0 23	21 39	1 10	20 23	0 37	4 56	2 1	29 18	15 1	5 29	5 58	12 33			n.a.
T 13	4 1	9 34	3 56	1 31	2 48	0 1	0 56	21 6	1 28	23 58	0 23	21 39	1 11	20 23	0 37	4 55	2 1	29 18	15 0	5 28	5 56	12 34			n.a.
W14	3 38	5 23	2 58	2 0	2 36	0n31	0 54	21 14	1 28	23 59	0 23	21 39	1 11	20 22	0 38	4 55	2 1	29 18	15 0	5 26	5 55	12 35			n.a.
T 15	3 14	0 48	1 46	2 30	2 23	1 2	0 52	21 22	1 28	23 59	0 24	21 39	1 11	20 22	0 38	4 54	2 1	29 18	15 0	5 26	5 54	12 37			n.a.
F 16	2 51	3s54	0 27	3 1	2 9	1 34	0 50	21 30	1 28	23 59	0 24	21 39	1 11	20 21	0 38	4 54	2 1	29 19	15 0	5 25	5 53	12 38			n.a.
S 17	2 27	8 23	0n54	3 31	1 54	2 5	0 48	21 38	1 28	23 59	0 24	21 39	1 11	20 21	0 38	4 53	2 1	29 19	15 0	5 25	5 51	12 39			n.a.
S 18	2 4	12 20	2 12	4 1	1 39	2 36	0 46	21 45	1 28	23 59	0 24	21 39	1 11	20 20	0 38	4 52	2 1	29 19	14 59	5 26	5 50	12 41			n.a.
M19	1 41	15 27	3 21	4 31	1 23	3 8	0 44	21 53	1 28	24 0	0 24	21 39	1 11	20 20	0 38	4 52	2 1	29 19	14 59	5 26	5 49	12 42			n.a.
T 20	1 17	17 34	4 15	4 59	1 6	3 39	0 42	22 0	1 28	24 0	0 24	21 40	1 11	20 19	0 38	4 51	2 1	29 20	14 59	5 27	5 48	12 44			n.a.
W21	0 54	18 32	4 53	5 25	0 50	4 10	0 40	22 7	1 28	24 0	0 24	21 40	1 11	20 19	0 38	4 51	2 1	29 20	14 59	5 27	5 46	12 45			n.a.
T 22	0 30	18 22	5 13	5 49	0 34	4 41	0 38	22 14	1 28	24 0	0 24	21 40	1 11	20 18	0 38	4 50	2 1	29 20	14 58	5 27	5 45	12 46			n.a.
F 23	0 7	17 9	5 15	6 12	0 18	5 12	0 35	22 21	1 28	24 1	0 24	21 40	1 11	20 18	0 38	4 49	2 1	29 20	14 58	5 27	5 44	12 48			n.a.
S 24	0n17	15 2	5 1	6 32	0 2	5 43	0 33	22 28	1 28	24 1	0 24	21 40	1 11	20 17	0 38	4 49	2 1	29 20	14 58	5 26	5 43	12 49			n.a.
S 25	0 40	12 11	4 30	6 50	0s13	6 14	0 31	22 35	1 28	24 1	0 24	21 40	1 11	20 17	0 38	4 48	2 1	29 20	14 58	5 26	5 41	12 50			n.a.
M26	1 4	8 49	3 47	7 6	0 28	6 44	0 29	22 41	1 28	24 1	0 24	21 40	1 11	20 16	0 38	4 48	2 1	29 20	14 57	5 25	5 40	12 52			n.a.
T 27	1 27	5 6	2 54	7 19	0 42	7 15	0 26	22 48	1 28	24 2	0 24	21 39	1 11	20 16	0 38	4 47	2 1	29 21	14 57	5 24	5 39	12 53			n.a.
W28	1 51	1 13	1 53	7 30	0 56	7 45	0 24	22 54	1 28	24 2	0 24	21 39	1 11	20 15	0 38	4 46	2 1	29 21	14 57	5 24	5 38	12 54			n.a.
T 29	2 14	2n40	0 48	7 38	1 9	8 15	0 21	23 0	1 28	24 2	0 24	21 39	1 11	20 15	0 38	4 46	2 1	29 21	14 57	5 24	5 36	12 56			n.a.
F 30	2 37	6 23	0s18	7 43	1 21	8 45	0 19	23 6	1 28	24 2	0 24	21 39	1 11	20 14	0 38	4 45	2 1	29 21	14 56	5 24	5 35	12 57			n.a.
S 31	3n 0	9n50	1s23	7s47	1s33	9n14	0s17	23n12	1n28	24n 3	0n24	21s39	1n11	20s14	0s38	4s44	2n 1	29n21	14n56	5s24	5s34	12n58			n.a.

Julian Day Number = 1716003.5, Delta T = 02h58m21s
Ecliptic obliquity = 23°41'40, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°16'01, Lahiri = - 4°09'00 Julian Calendar 1 March 15 BCE == Greg. Calendar 27 Feb. 015 BCE

The year -14 astronomical counting style corresponds to year 015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 15 BCE
geocentric

APRIL 15 BCE (-14) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 26 54	8♈28'06	10♉32	14♓25	25♈28	7♊52	26♊16	14°R57	3♒23	16°R36	19°R 6	13♎33	13♎55	10♉44	n.a.	S 1
M 2	12 30 50	9°26'14	22°20	14°53	26°42	8°27	26°23	14♐56	3°25	16♎34	19♌ 6	13°33	13°51	10°51	n.a.	M 2
T 3	12 34 47	10°24'20	4♊ 9	15°25	27°55	9° 3	26°30	14°55	3°26	16°33	19° 5	13°34	13°48	10°58	n.a.	T 3
W 4	12 38 43	11°22'24	16° 4	16° 1	29° 9	9°38	26°37	14°55	3°28	16°31	19° 4	13°34	13°45	11° 4	n.a.	W 4
T 5	12 42 40	12°20'26	28° 9	16°42	0♉22	10°13	26°45	14°54	3°30	16°29	19° 3	13°34	13°42	11°11	n.a.	T 5
F 6	12 46 36	13°18'27	10♋27	17°25	1°36	10°48	26°52	14°53	3°32	16°28	19° 2	13°34	13°39	11°18	n.a.	F 6
S 7	12 50 33	14°16'25	23° 3	18°13	2°49	11°23	27° 0	14°52	3°33	16°26	19° 1	13°34	13°36	11°24	n.a.	S 7
S 8	12 54 29	15°14'21	6♌ 2	19° 3	4° 3	11°58	27° 7	14°51	3°35	16°24	19° 1	13°34	13°32	11°31	n.a.	S 8
M 9	12 58 26	16°12'16	19°25	19°57	5°16	12°34	27°15	14°50	3°36	16°23	19° 0	13°34	13°29	11°38	n.a.	M 9
T 10	13 2 23	17°10'08	3♍15	20°55	6°29	13° 9	27°23	14°48	3°38	16°21	18°59	13°35	13°26	11°44	n.a.	T 10
W11	13 6 19	18° 7'59	17°30	21°55	7°43	13°44	27°31	14°47	3°39	16°20	18°59	13°35	13°23	11°51	n.a.	W11
T 12	13 10 16	19° 5'47	2♎ 9	22°58	8°56	14°20	27°39	14°46	3°41	16°18	18°58	13°35	13°20	11°58	n.a.	T 12
F 13	13 14 12	20° 3'35	17° 6	24° 4	10° 9	14°55	27°48	14°44	3°42	16°16	18°57	13°R35	13°17	12° 4	n.a.	F 13
S 14	13 18 9	21° 1'20	2♏12	25°13	11°22	15°31	27°56	14°42	3°44	16°15	18°57	13°35	13°13	12°11	n.a.	S 14
S 15	13 22 5	21°59'04	17°19	26°24	12°36	16° 6	28° 5	14°41	3°45	16°13	18°56	13°34	13°10	12°18	n.a.	S 15
M16	13 26 2	22°56'47	2♐18	27°38	13°49	16°42	28°13	14°39	3°46	16°11	18°56	13°33	13° 7	12°24	n.a.	M16
T 17	13 29 58	23°54'29	17° 1	28°55	15° 2	17°17	28°22	14°37	3°47	16°10	18°55	13°32	13° 4	12°31	n.a.	T 17
W18	13 33 55	24°52'10	1♑23	0♈14	16°15	17°53	28°31	14°35	3°49	16° 8	18°55	13°31	13° 1	12°38	n.a.	W18
T 19	13 37 51	25°49'49	15°21	1°36	17°28	18°28	28°40	14°33	3°50	16° 7	18°54	13°31	12°57	12°44	n.a.	T 19
F 20	13 41 48	26°47'27	28°54	3° 0	18°41	19° 4	28°49	14°31	3°51	16° 5	18°54	13°D30	12°54	12°51	n.a.	F 20
S 21	13 45 45	27°45'04	12♒ 3	4°26	19°54	19°40	28°58	14°29	3°52	16° 3	18°54	13°31	12°51	12°58	n.a.	S 21
S 22	13 49 41	28°42'41	24°52	5°55	21° 7	20°15	29° 7	14°26	3°53	16° 2	18°53	13°32	12°48	13° 4	n.a.	S 22
M23	13 53 38	29°40'16	7♓23	7°26	22°20	20°51	29°17	14°24	3°54	16° 0	18°53	13°33	12°45	13°11	n.a.	M23
T 24	13 57 34	0♉37'50	19°40	8°59	23°33	21°27	29°26	14°21	3°54	15°59	18°53	13°34	12°42	13°18	n.a.	T 24
W25	14 1 31	1°35'22	1♈46	10°35	24°46	22° 3	29°36	14°19	3°55	15°57	18°52	13°35	12°38	13°24	n.a.	W25
T 26	14 5 27	2°32'54	13°44	12°13	25°59	22°39	29°46	14°16	3°56	15°56	18°52	13°R36	12°35	13°31	n.a.	T 26
F 27	14 9 24	3°30'25	25°37	13°53	27°12	23°14	29°55	14°13	3°57	15°54	18°52	13°35	12°32	13°38	n.a.	F 27
S 28	14 13 20	4°27'54	7♉26	15°36	28°24	23°50	0♋ 5	14°11	3°58	15°52	18°52	13°34	12°29	13°44	n.a.	S 28
S 29	14 17 17	5°25'23	19°14	17°20	29°37	24°26	0°15	14° 8	3°58	15°51	18°52	13°31	12°26	13°51	n.a.	S 29
M30	14 21 14	6♉22'50	1♊ 4	19♈ 7	0♊50	25♊ 2	0♋25	14♐ 5	3♒59	15♎49	18♌52	13♎28	12♎22	13♉58	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n24	12n51	2s24	7s47	1s44	9n44	0s14	23n18	1n28	24n 3	0n24	21s39	1n11	20s13	0s38	4s44	2n 1	29n21	14n56	5s24	5s33	13n 0		n.a.
M 2	3 47	15 20	3 19	7 45	1 54	10 13	0 12	23 24	1 28	24 3	0 24	21 39	1 11	20 13	0 38	4 43	2 1	29 21	14 55	5 24	5 31	13 1		n.a.
T 3	4 10	17 11	4 6	7 41	2 3	10 42	0 9	23 29	1 28	24 3	0 24	21 39	1 11	20 13	0 38	4 43	2 1	29 21	14 55	5 24	5 30	13 2		n.a.
W 4	4 33	18 17	4 42	7 35	2 11	11 11	0 7	23 34	1 28	24 3	0 24	21 39	1 11	20 12	0 38	4 42	2 1	29 21	14 55	5 24	5 29	13 4		n.a.
T 5	4 56	18 34	5 7	7 26	2 19	11 40	0 4	23 40	1 28	24 4	0 24	21 39	1 11	20 12	0 38	4 41	2 1	29 21	14 55	5 25	5 28	13 5		n.a.
F 6	5 18	18 0	5 17	7 16	2 26	12 8	0 2	23 45	1 27	24 4	0 24	21 39	1 12	20 11	0 38	4 41	2 1	29 21	14 54	5 25	5 26	13 6		n.a.
S 7	5 41	16 33	5 14	7 3	2 33	12 36	0n 1	23 50	1 27	24 4	0 25	21 38	1 12	20 11	0 38	4 40	2 1	29 21	14 54	5 25	5 25	13 8		n.a.
S 8	6 4	14 13	4 54	6 48	2 38	13 3	0 4	23 54	1 27	24 4	0 25	21 38	1 12	20 11	0 38	4 39	2 1	29 21	14 54	5 25	5 24	13 9		n.a.
M 9	6 26	11 4	4 18	6 31	2 43	13 31	0 6	23 59	1 27	24 5	0 25	21 38	1 12	20 10	0 38	4 39	2 1	29 21	14 53	5 25	5 23	13 10		n.a.
T 10	6 49	7 13	3 26	6 12	2 47	13 58	0 9	24 4	1 27	24 5	0 25	21 38	1 12	20 10	0 38	4 38	2 1	29 21	14 53	5 25	5 21	13 12		n.a.
W11	7 11	2 51	2 20	5 51	2 50	14 25	0 11	24 8	1 27	24 5	0 25	21 38	1 12	20 10	0 38	4 37	2 1	29 20	14 53	5 25	5 20	13 13		n.a.
T 12	7 33	1s50	1 3	5 28	2 53	14 51	0 14	24 12	1 27	24 5	0 25	21 38	1 12	20 9	0 38	4 37	2 1	29 20	14 52	5 25	5 19	13 14		n.a.
F 13	7 55	6 29	0n19	5 3	2 55	15 17	0 17	24 16	1 27	24 5	0 25	21 37	1 12	20 9	0 38	4 36	2 1	29 20	14 52	5 25	5 18	13 15		n.a.
S 14	8 17	10 47	1 42	4 37	2 56	15 42	0 19	24 20	1 27	24 6	0 25	21 37	1 12	20 9	0 39	4 36	2 1	29 20	14 52	5 25	5 16	13 17		n.a.
S 15	8 39	14 22	2 57	4 9	2 57	16 8	0 22	24 24	1 27	24 6	0 25	21 37	1 12	20 9	0 39	4 35	2 1	29 20	14 51	5 25	5 15	13 18		n.a.
M16	9 1	16 56	3 59	3 39	2 57	16 32	0 24	24 27	1 27	24 6	0 25	21 37	1 12	20 8	0 39	4 34	2 1	29 20	14 51	5 24	5 14	13 19		n.a.
T 17	9 22	18 21	4 44	3 8	2 56	16 57	0 27	24 31	1 27	24 6	0 25	21 36	1 12	20 8	0 39	4 34	2 1	29 20	14 50	5 24	5 13	13 21		n.a.
W18	9 44	18 31	5 10	2 35	2 55	17 21	0 30	24 34	1 26	24 6	0 25	21 36	1 12	20 8	0 39	4 33	2 1	29 19	14 50	5 23	5 11	13 22		n.a.
T 19	10 5	17 33	5 17	2 0	2 53	17 44	0 32	24 37	1 26	24 6	0 25	21 36	1 12	20 8	0 39	4 33	2 1	29 19	14 50	5 23	5 10	13 23		n.a.
F 20	10 26	15 37	5 6	1 24	2 51	18 7	0 35	24 40	1 26	24 6	0 25	21 36	1 12	20 7	0 39	4 32	2 1	29 19	14 49	5 23	5 9	13 25		n.a.
S 21	10 47	12 54	4 39	0 47	2 48	18 30	0 37	24 43	1 26	24 7	0 25	21 35	1 12	20 7	0 39	4 31	2 1	29 19	14 49	5 23	5 8	13 26		n.a.
S 22	11 8	9 38	3 58	0 8	2 44	18 52	0 40	24 46	1 26	24 7	0 25	21 35	1 12	20 7	0 39	4 31	2 1	29 19	14 49	5 24	5 6	13 27		n.a.
M23	11 28	5 59	3 7	0n32	2 40	19 14	0 42	24 48	1 26	24 7	0 25	21 35	1 12	20 7	0 39	4 30	2 1	29 18	14 48	5 24	5 5	13 28		n.a.
T 24	11 49	2 10	2 9	1 14	2 35	19 35	0 45	24 50	1 26	24 7	0 25	21 35	1 12	20 7	0 39	4 30	2 1	29 18	14 48	5 25	5 4	13 30		n.a.
W25	12 9	1n42	1 5	1 57	2 29	19 56	0 47	24 53	1 26	24 7	0 25	21 34	1 12	20 7	0 39	4 29	2 1	29 18	14 47	5 25	5 3	13 31		n.a.
T 26	12 29	5 28	0s 1	2 41	2 23	20 16	0 50	24 55	1 25	24 7	0 25	21 34	1 12	20 6	0 39	4 28	2 1	29 17	14 47	5 25	5 1	13 32		n.a.
F 27	12 49	8 59	1 6	3 26	2 17	20 35	0 52	24 56	1 25	24 7	0 25	21 34	1 12	20 6	0 39	4 28	2 1	29 17	14 47	5 25	5 0	13 33		n.a.
S 28	13 9	12 8	2 8	4 12	2 10	20 54	0 55	24 58	1 25	24 7	0 25	21 33	1 12	20 6	0 39	4 27	2 1	29 17	14 46	5 24	4 59	13 35		n.a.
S 29	13 28	14 46	3 4	5 0	2 2	21 13	0 57	25 0	1 25	24 7	0 26	21 33	1 12	20 6	0 39	4 27	2 1	29 17	14 46	5 23	4 58	13 36		n.a.
M30	13n47	16n48	3s53	5n48	1s54	21n31	0n59	25n 1	1n25	24n 7	0n26	21s33	1n12	20s 6	0s39	4s26	2n 1	29n16	14n45	5s22	4s56	13n37		n.a.

Julian Day Number = 1716034.5, Delta T = 02h58m20s
Ecliptic obliquity = 23°41'40, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°15'56, Lahiri = - 4°08'56 Julian Calendar 1 Apr. 15 BCE == Greg. Calendar 30 March 015 BCE

The year -14 astronomical counting style corresponds to year 015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 15 BCE
geocentric

MAY 15 BCE (-14) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 25 10	7♉20'16	12♊57	20♈57	2♊ 3	25♊38	0♋36	14°R 2	3♒59	15°R48	18°R52	13°R24	12♎19	14♉ 4	n.a.	T 1
W 2	14 29 7	8°17'41	24°55	22°48	3°15	26°14	0°46	13♐59	4° 0	15♎46	18°D52	13♎20	12°16	14°11	n.a.	W 2
T 3	14 33 3	9°15'05	7♋ 3	24°42	4°28	26°50	0°56	13°55	4° 0	15°45	18♑52	13°16	12°13	14°18	n.a.	T 3
F 4	14 37 0	10°12'27	19°22	26°38	5°41	27°26	1° 7	13°52	4° 1	15°44	18°52	13°14	12°10	14°24	n.a.	F 4
S 5	14 40 56	11° 9'48	1♑57	28°36	6°53	28° 2	1°17	13°49	4° 1	15°42	18°52	13°12	12° 7	14°31	n.a.	S 5
S 6	14 44 53	12° 7'08	14°51	0♉36	8° 6	28°38	1°28	13°46	4° 1	15°41	18°52	13°D12	12° 3	14°38	n.a.	S 6
M 7	14 48 49	13° 4'27	28° 7	2°38	9°18	29°15	1°38	13°42	4° 1	15°39	18°52	13°13	12° 0	14°44	n.a.	M 7
T 8	14 52 46	14° 1'45	11♏48	4°42	10°31	29°51	1°49	13°39	4° 2	15°38	18°52	13°14	11°57	14°51	n.a.	T 8
W 9	14 56 43	14°59'01	25°56	6°48	11°43	0♋27	2° 0	13°35	4° 2	15°37	18°52	13°15	11°54	14°58	n.a.	W 9
T 10	15 0 39	15°56'17	10♎28	8°55	12°56	1° 3	2°11	13°31	4° 2	15°35	18°53	13°R16	11°51	15° 4	n.a.	T 10
F 11	15 4 36	16°53'31	25°22	11° 3	14° 8	1°39	2°22	13°28	4°R 2	15°34	18°53	13°16	11°48	15°11	n.a.	F 11
S 12	15 8 32	17°50'45	10♏31	13°13	15°20	2°16	2°33	13°24	4° 2	15°33	18°53	13°14	11°44	15°18	n.a.	S 12
S 13	15 12 29	18°47'58	25°46	15°23	16°32	2°52	2°44	13°20	4° 2	15°31	18°53	13°10	11°41	15°24	n.a.	S 13
M14	15 16 25	19°45'10	10♐57	17°34	17°45	3°28	2°55	13°17	4° 2	15°30	18°54	13° 5	11°38	15°31	n.a.	M14
T 15	15 20 22	20°42'22	25°54	19°46	18°57	4° 5	3° 7	13°13	4° 2	15°29	18°54	13° 0	11°35	15°38	n.a.	T 15
W16	15 24 18	21°39'34	10♑29	21°58	20° 9	4°41	3°18	13° 9	4° 1	15°27	18°55	12°55	11°32	15°44	n.a.	W16
T 17	15 28 15	22°36'45	24°37	24° 9	21°21	5°17	3°30	13° 5	4° 1	15°26	18°55	12°51	11°28	15°51	n.a.	T 17
F 18	15 32 12	23°33'55	8♒17	26°21	22°33	5°54	3°41	13° 1	4° 1	15°25	18°55	12°48	11°25	15°58	n.a.	F 18
S 19	15 36 8	24°31'06	21°28	28°31	23°45	6°30	3°53	12°57	4° 1	15°24	18°56	12°D47	11°22	16° 4	n.a.	S 19
S 20	15 40 5	25°28'16	4♓15	0♊41	24°57	7° 7	4° 4	12°53	4° 0	15°23	18°56	12°47	11°19	16°11	n.a.	S 20
M21	15 44 1	26°25'26	16°41	2°49	26° 9	7°43	4°16	12°49	4° 0	15°21	18°57	12°48	11°16	16°18	n.a.	M21
T 22	15 47 58	27°22'36	28°52	4°56	27°21	8°20	4°28	12°44	3°59	15°20	18°58	12°50	11°13	16°24	n.a.	T 22
W23	15 51 54	28°19'46	10♈50	7° 2	28°33	8°56	4°39	12°40	3°59	15°19	18°58	12°R51	11° 9	16°31	n.a.	W23
T 24	15 55 51	29°16'55	22°42	9° 6	29°45	9°33	4°51	12°36	3°58	15°18	18°59	12°50	11° 6	16°38	n.a.	T 24
F 25	15 59 47	0♊14'05	4♉30	11° 8	0♋57	10°10	5° 3	12°32	3°58	15°17	19° 0	12°48	11° 3	16°44	n.a.	F 25
S 26	16 3 44	1°11'14	16°18	13° 8	2° 9	10°46	5°15	12°27	3°57	15°16	19° 0	12°43	11° 0	16°51	n.a.	S 26
S 27	16 7 41	2° 8'23	28° 8	15° 7	3°21	11°23	5°27	12°23	3°56	15°15	19° 1	12°36	10°57	16°58	n.a.	S 27
M28	16 11 37	3° 5'32	10♊ 2	17° 3	4°32	12° 0	5°39	12°19	3°55	15°14	19° 2	12°28	10°54	17° 4	n.a.	M28
T 29	16 15 34	4° 2'41	22° 1	18°58	5°44	12°36	5°51	12°15	3°55	15°13	19° 3	12°19	10°50	17°11	n.a.	T 29
W30	16 19 30	4°59'49	4♋ 8	20°50	6°56	13°13	6° 4	12°10	3°54	15°12	19° 3	12° 9	10°47	17°18	n.a.	W30
T 31	16 23 27	5♊56'57	16♋24	22♊40	8♋ 7	13♋50	6♋16	12♐ 6	3♒53	15♎11	19♑ 4	12♎ 0	10♎44	17♉24	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	14n 6	18n 7	4s31	6n38	1s46	21n48	1n 2	25n 2	1n25	24n 7	0n26	21s32	1n12	20s 6	0s39	4s26	2n 1	29n16	14n45	5s21	4s55	13n39			n.a.
W 2	14 25	18 38	4 58	7 28	1 37	22 5	1 4	25 3	1 25	24 7	0 26	21 32	1 12	20 6	0 39	4 25	2 1	29 15	14 45	5 19	4 54	13 40			n.a.
T 3	14 44	18 19	5 12	8 18	1 28	22 21	1 6	25 4	1 24	24 7	0 26	21 31	1 12	20 6	0 39	4 24	2 1	29 15	14 44	5 18	4 53	13 41			n.a.
F 4	15 2	17 8	5 12	9 10	1 18	22 36	1 9	25 4	1 24	24 7	0 26	21 31	1 12	20 6	0 39	4 24	2 1	29 15	14 44	5 17	4 51	13 42			n.a.
S 5	15 20	15 6	4 57	10 2	1 8	22 51	1 11	25 5	1 24	24 7	0 26	21 31	1 12	20 6	0 39	4 23	2 1	29 14	14 44	5 16	4 50	13 44			n.a.
S 6	15 38	12 17	4 28	10 54	0 58	23 5	1 13	25 5	1 24	24 7	0 26	21 30	1 12	20 6	0 39	4 23	2 1	29 14	14 43	5 16	4 49	13 45			n.a.
M 7	15 56	8 46	3 43	11 46	0 48	23 19	1 15	25 5	1 24	24 7	0 26	21 30	1 12	20 5	0 39	4 22	2 1	29 13	14 43	5 16	4 48	13 46			n.a.
T 8	16 13	4 41	2 44	12 39	0 37	23 32	1 17	25 5	1 24	24 7	0 26	21 29	1 12	20 5	0 39	4 22	2 1	29 13	14 42	5 17	4 46	13 47			n.a.
W 9	16 30	0 12	1 34	13 31	0 26	23 44	1 19	25 5	1 24	24 7	0 26	21 29	1 12	20 5	0 39	4 21	2 1	29 13	14 42	5 17	4 45	13 49			n.a.
T 10	16 47	4s25	0 15	14 22	0 16	23 56	1 21	25 5	1 23	24 7	0 26	21 29	1 12	20 5	0 39	4 21	2 1	29 12	14 42	5 18	4 44	13 50			n.a.
F 11	17 4	8 54	1n 6	15 14	0 5	24 7	1 23	25 4	1 23	24 6	0 26	21 28	1 12	20 6	0 40	4 20	2 1	29 12	14 41	5 17	4 43	13 51			n.a.
S 12	17 20	12 52	2 23	16 4	0n 6	24 17	1 25	25 4	1 23	24 6	0 26	21 28	1 12	20 6	0 40	4 20	2 1	29 11	14 41	5 17	4 41	13 52			n.a.
S 13	17 36	15 59	3 31	16 53	0 16	24 27	1 27	25 3	1 23	24 6	0 26	21 27	1 12	20 6	0 40	4 19	2 1	29 11	14 40	5 15	4 40	13 53			n.a.
M14	17 52	17 58	4 24	17 41	0 27	24 35	1 28	25 2	1 23	24 6	0 26	21 27	1 12	20 6	0 40	4 19	2 0	29 10	14 40	5 13	4 39	13 55			n.a.
T 15	18 7	18 41	4 57	18 27	0 37	24 44	1 30	25 0	1 23	24 6	0 26	21 26	1 12	20 6	0 40	4 18	2 0	29 10	14 40	5 11	4 38	13 56			n.a.
W16	18 22	18 7	5 11	19 12	0 46	24 51	1 32	24 59	1 22	24 5	0 26	21 26	1 12	20 6	0 40	4 18	2 0	29 9	14 39	5 9	4 36	13 57			n.a.
T 17	18 37	16 26	5 5	19 55	0 56	24 58	1 33	24 57	1 22	24 5	0 26	21 25	1 12	20 6	0 40	4 18	2 0	29 9	14 39	5 8	4 35	13 58			n.a.
F 18	18 52	13 52	4 41	20 35	1 5	25 4	1 35	24 56	1 22	24 5	0 26	21 25	1 12	20 6	0 40	4 17	2 0	29 8	14 38	5 6	4 34	14 0			n.a.
S 19	19 6	10 40	4 3	21 13	1 13	25 9	1 37	24 54	1 22	24 5	0 27	21 25	1 12	20 6	0 40	4 17	2 0	29 8	14 38	5 6	4 33	14 1			n.a.
S 20	19 20	7 3	3 14	21 49	1 20	25 14	1 38	24 52	1 22	24 4	0 27	21 24	1 12	20 6	0 40	4 16	2 0	29 7	14 38	5 6	4 31	14 2			n.a.
M21	19 34	3 12	2 17	22 22	1 28	25 18	1 39	24 49	1 21	24 4	0 27	21 24	1 12	20 6	0 40	4 16	2 0	29 7	14 37	5 7	4 30	14 3			n.a.
T 22	19 47	0n41	1 15	22 53	1 34	25 21	1 41	24 47	1 21	24 4	0 27	21 23	1 11	20 7	0 40	4 15	2 0	29 6	14 37	5 7	4 29	14 4			n.a.
W23	20 0	4 30	0 11	23 21	1 40	25 23	1 42	24 44	1 21	24 3	0 27	21 23	1 11	20 7	0 40	4 15	2 0	29 5	14 36	5 7	4 28	14 6			n.a.
T 24	20 13	8 6	0s53	23 46	1 45	25 25	1 43	24 41	1 21	24 3	0 27	21 22	1 11	20 7	0 40	4 15	2 0	29 5	14 36	5 7	4 26	14 7			n.a.
F 25	20 25	11 22	1 54	24 9	1 49	25 26	1 44	24 38	1 21	24 3	0 27	21 22	1 11	20 7	0 40	4 14	2 0	29 4	14 36	5 6	4 25	14 8			n.a.
S 26	20 37	14 10	2 51	24 29	1 53	25 26	1 45	24 35	1 20	24 2	0 27	21 21	1 11	20 7	0 40	4 14	2 0	29 4	14 35	5 5	4 24	14 9			n.a.
S 27	20 49	16 23	3 39	24 46	1 56	25 25	1 46	24 32	1 20	24 2	0 27	21 21	1 11	20 7	0 40	4 14	2 0	29 3	14 35	5 2	4 23	14 11			n.a.
M28	21 0	17 55	4 19	25 1	1 58	25 24	1 47	24 28	1 20	24 1	0 27	21 20	1 11	20 8	0 40	4 13	2 0	29 2	14 34	4 59	4 21	14 12			n.a.
T 29	21 11	18 40	4 47	25 13	1 59	25 22	1 48	24 25	1 20	24 1	0 27	21 20	1 11	20 8	0 40	4 13	2 0	29 2	14 34	4 55	4 20	14 13			n.a.
W30	21 21	18 35	5 3	25 22	2 0	25 19	1 48	24 21	1 20	24 0	0 27	21 19	1 11	20 8	0 40	4 13	2 0	29 1	14 34	4 51	4 19	14 14			n.a.
T 31	21n32	17n38	5s 5	25n29	2n 0	25n15	1n49	24n17	1n19	24n 0	0n27	21s19	1n11	20s 8	0s40	4s12	2n 0	29n 1	14n33	4s48	4s18	14n15			n.a.

Julian Day Number = 1716064.5, Delta T = 02h58m19s
Ecliptic obliquity = 23°41'39, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°15'52, Lahiri = - 4°08'52 Julian Calendar 1 May 15 BCE == Greg. Calendar 29 Apr. 015 BCE

The year -14 astronomical counting style corresponds to year 015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 15 BCE
geocentric

JUNE 15 BCE (-14) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 27 23	6♊54'05	28♋51	24♊28	9♋19	14♋27	6♋28	12°R 1	3°R52	15°R11	19♌ 5	11°R53	10♎41	17♉31	n.a.	F 1
S 2	16 31 20	7°51'13	11♌30	26°14	10°30	15° 3	6°41	11♐57	3♒51	15♎10	19° 6	11♎47	10°38	17°38	n.a.	S 2
S 3	16 35 17	8°48'21	24°25	27°58	11°42	15°40	6°53	11°53	3°50	15° 9	19° 7	11°44	10°34	17°44	n.a.	S 3
M 4	16 39 13	9°45'28	7♍38	29°40	12°53	16°17	7° 5	11°48	3°49	15° 8	19° 8	11°D43	10°31	17°51	n.a.	M 4
T 5	16 43 10	10°42'34	21°11	1♋20	14° 5	16°54	7°18	11°44	3°48	15° 7	19° 9	11°44	10°28	17°58	n.a.	T 5
W 6	16 47 6	11°39'41	5♎ 7	2°57	15°16	17°31	7°30	11°39	3°47	15° 7	19°10	11°R44	10°25	18° 4	n.a.	W 6
T 7	16 51 3	12°36'48	19°26	4°32	16°27	18° 8	7°43	11°35	3°45	15° 6	19°11	11°44	10°22	18°11	n.a.	T 7
F 8	16 54 59	13°33'54	4♏ 7	6° 5	17°38	18°45	7°55	11°31	3°44	15° 5	19°12	11°42	10°19	18°18	n.a.	F 8
S 9	16 58 56	14°31'00	19° 5	7°36	18°49	19°22	8° 8	11°26	3°43	15° 5	19°13	11°38	10°15	18°24	n.a.	S 9
S 10	17 2 52	15°28'07	4♐12	9° 5	20° 0	19°59	8°21	11°22	3°42	15° 4	19°15	11°32	10°12	18°31	n.a.	S 10
M11	17 6 49	16°25'14	19°20	10°32	21°11	20°36	8°33	11°17	3°40	15° 3	19°16	11°23	10° 9	18°38	n.a.	M11
T 12	17 10 46	17°22'21	4♑18	11°56	22°22	21°13	8°46	11°13	3°39	15° 3	19°17	11°14	10° 6	18°45	n.a.	T 12
W13	17 14 42	18°19'28	18°57	13°18	23°33	21°50	8°59	11° 9	3°37	15° 2	19°18	11° 4	10° 3	18°51	n.a.	W13
T 14	17 18 39	19°16'36	3♒11	14°38	24°44	22°28	9°12	11° 4	3°36	15° 2	19°19	10°56	10° 0	18°58	n.a.	T 14
F 15	17 22 35	20°13'44	16°55	15°55	25°55	23° 5	9°24	11° 0	3°34	15° 1	19°21	10°50	9°56	19° 5	n.a.	F 15
S 16	17 26 32	21°10'54	0♓11	17°10	27° 6	23°42	9°37	10°56	3°33	15° 1	19°22	10°46	9°53	19°11	n.a.	S 16
S 17	17 30 28	22° 8'03	13° 0	18°22	28°16	24°19	9°50	10°51	3°31	15° 0	19°23	10°44	9°50	19°18	n.a.	S 17
M18	17 34 25	23° 5'14	25°27	19°32	29°27	24°56	10° 3	10°47	3°30	15° 0	19°25	10°D44	9°47	19°25	n.a.	M18
T 19	17 38 21	24° 2'25	7♈36	20°39	0♌37	25°34	10°16	10°43	3°28	15° 0	19°26	10°R44	9°44	19°31	n.a.	T 19
W20	17 42 18	24°59'37	19°34	21°44	1°48	26°11	10°29	10°39	3°26	14°59	19°27	10°44	9°40	19°38	n.a.	W20
T 21	17 46 15	25°56'50	1♉24	22°46	2°58	26°48	10°42	10°34	3°25	14°59	19°29	10°42	9°37	19°45	n.a.	T 21
F 22	17 50 11	26°54'04	13°11	23°45	4° 9	27°26	10°55	10°30	3°23	14°59	19°30	10°38	9°34	19°51	n.a.	F 22
S 23	17 54 8	27°51'19	25° 0	24°41	5°19	28° 3	11° 8	10°26	3°21	14°59	19°32	10°31	9°31	19°58	n.a.	S 23
S 24	17 58 4	28°48'34	6♊54	25°34	6°29	28°41	11°21	10°22	3°19	14°58	19°33	10°22	9°28	20° 5	n.a.	S 24
M25	18 2 1	29°45'51	18°56	26°23	7°39	29°18	11°34	10°18	3°17	14°58	19°35	10°10	9°25	20°11	n.a.	M25
T 26	18 5 57	0♋43'08	1♋ 5	27° 9	8°49	29°56	11°47	10°14	3°16	14°58	19°36	9°57	9°21	20°18	n.a.	T 26
W27	18 9 54	1°40'26	13°25	27°52	10° 0	0♌33	12° 0	10°10	3°14	14°58	19°38	9°44	9°18	20°25	n.a.	W27
T 28	18 13 50	2°37'44	25°55	28°31	11° 9	1°11	12°13	10° 6	3°12	14°58	19°39	9°31	9°15	20°31	n.a.	T 28
F 29	18 17 47	3°35'04	8♌36	29° 6	12°19	1°48	12°27	10° 2	3°10	14°D58	19°41	9°21	9°12	20°38	n.a.	F 29
S 30	18 21 44	4♋32'24	21♌27	29♋37	13♌29	2♌26	12♋40	9♐58	3♒ 8	14♎58	19♌43	9♎13	9♎ 9	20♉45	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n42	15n50	4s53	25n34	2n 0	25n11	1n50	24n13	1n19	23n59	0n27	21s18	1n11	20s 9	0s40	4s12	2n 0	29n 0	14n33	4s45	4s16	14n16		n.a.
S 2	21 51	13 15	4 26	25 37	1 58	25 6	1 50	24 8	1 19	23 59	0 27	21 18	1 11	20 9	0 40	4 12	2 0	28 59	14 33	4 43	4 15	14 18		n.a.
S 3	22 0	9 59	3 46	25 37	1 57	25 1	1 51	24 4	1 19	23 58	0 27	21 17	1 11	20 9	0 40	4 12	2 0	28 59	14 32	4 41	4 14	14 19		n.a.
M 4	22 9	6 8	2 52	25 36	1 54	24 54	1 51	23 59	1 19	23 58	0 27	21 17	1 11	20 9	0 40	4 11	2 0	28 58	14 32	4 41	4 12	14 20		n.a.
T 5	22 17	1 53	1 48	25 32	1 51	24 47	1 51	23 54	1 18	23 57	0 27	21 16	1 11	20 10	0 40	4 11	1 59	28 57	14 32	4 41	4 11	14 21		n.a.
W 6	22 25	2s36	0 35	25 27	1 47	24 39	1 51	23 49	1 18	23 56	0 28	21 15	1 11	20 10	0 40	4 11	1 59	28 57	14 31	4 41	4 10	14 22		n.a.
T 7	22 33	7 3	0n41	25 20	1 43	24 31	1 51	23 44	1 18	23 56	0 28	21 15	1 10	20 10	0 40	4 11	1 59	28 56	14 31	4 41	4 9	14 24		n.a.
F 8	22 40	11 12	1 57	25 11	1 38	24 22	1 51	23 39	1 18	23 55	0 28	21 14	1 10	20 11	0 40	4 10	1 59	28 55	14 30	4 41	4 7	14 25		n.a.
S 9	22 47	14 42	3 5	25 1	1 33	24 12	1 51	23 33	1 17	23 54	0 28	21 14	1 10	20 11	0 41	4 10	1 59	28 54	14 30	4 39	4 6	14 26		n.a.
S 10	22 54	17 15	4 2	24 49	1 27	24 1	1 51	23 28	1 17	23 53	0 28	21 13	1 10	20 11	0 41	4 10	1 59	28 54	14 30	4 36	4 5	14 27		n.a.
M11	23 0	18 35	4 41	24 37	1 20	23 50	1 51	23 22	1 17	23 53	0 28	21 13	1 10	20 12	0 41	4 10	1 59	28 53	14 29	4 33	4 4	14 28		n.a.
T 12	23 5	18 36	5 1	24 22	1 14	23 38	1 51	23 16	1 17	23 52	0 28	21 12	1 10	20 12	0 41	4 10	1 59	28 52	14 29	4 29	4 2	14 29		n.a.
W13	23 10	17 23	5 1	24 7	1 6	23 25	1 50	23 10	1 16	23 51	0 28	21 12	1 10	20 12	0 41	4 10	1 59	28 52	14 29	4 26	4 1	14 31		n.a.
T 14	23 15	15 6	4 41	23 51	0 58	23 12	1 50	23 3	1 16	23 50	0 28	21 11	1 10	20 13	0 41	4 9	1 59	28 51	14 28	4 22	4 0	14 32		n.a.
F 15	23 20	12 2	4 6	23 33	0 50	22 58	1 49	22 57	1 16	23 49	0 28	21 11	1 10	20 13	0 41	4 9	1 59	28 50	14 28	4 20	3 59	14 33		n.a.
S 16	23 24	8 26	3 18	23 15	0 41	22 44	1 48	22 50	1 16	23 49	0 28	21 10	1 10	20 14	0 41	4 9	1 59	28 49	14 28	4 18	3 57	14 34		n.a.
S 17	23 27	4 34	2 22	22 56	0 32	22 29	1 48	22 43	1 15	23 48	0 28	21 10	1 10	20 14	0 41	4 9	1 59	28 49	14 27	4 18	3 56	14 35		n.a.
M18	23 31	0 36	1 20	22 37	0 22	22 13	1 47	22 36	1 15	23 47	0 28	21 9	1 9	20 14	0 41	4 9	1 59	28 48	14 27	4 17	3 55	14 36		n.a.
T 19	23 33	3n18	0 17	22 17	0 12	21 57	1 46	22 29	1 15	23 46	0 28	21 9	1 9	20 15	0 41	4 9	1 59	28 47	14 27	4 18	3 54	14 37		n.a.
W20	23 36	7 1	0s47	21 56	0 1	21 40	1 45	22 22	1 15	23 45	0 29	21 8	1 9	20 15	0 41	4 9	1 59	28 46	14 27	4 17	3 52	14 39		n.a.
T 21	23 38	10 24	1 47	21 35	0s10	21 23	1 43	22 14	1 14	23 44	0 29	21 8	1 9	20 16	0 41	4 9	1 59	28 46	14 26	4 17	3 51	14 40		n.a.
F 22	23 39	13 22	2 43	21 14	0 21	21 5	1 42	22 6	1 14	23 43	0 29	21 7	1 9	20 16	0 41	4 9	1 58	28 45	14 26	4 15	3 50	14 41		n.a.
S 23	23 41	15 48	3 32	20 53	0 33	20 46	1 41	21 59	1 14	23 42	0 29	21 7	1 9	20 17	0 41	4 9	1 58	28 44	14 26	4 12	3 49	14 42		n.a.
S 24	23 41	17 34	4 12	20 32	0 44	20 27	1 39	21 51	1 14	23 41	0 29	21 6	1 9	20 17	0 41	4 9	1 58	28 43	14 25	4 9	3 47	14 43		n.a.
M25	23 42	18 34	4 40	20 10	0 57	20 8	1 38	21 43	1 13	23 40	0 29	21 6	1 9	20 17	0 41	4 9	1 58	28 42	14 25	4 4	3 46	14 44		n.a.
T 26	23 42	18 45	4 57	19 49	1 9	19 47	1 36	21 34	1 13	23 39	0 29	21 6	1 8	20 18	0 41	4 9	1 58	28 42	14 25	3 59	3 45	14 45		n.a.
W27	23 41	18 2	5 0	19 28	1 22	19 27	1 35	21 26	1 13	23 38	0 29	21 5	1 8	20 18	0 41	4 9	1 58	28 41	14 25	3 54	3 43	14 47		n.a.
T 28	23 40	16 28	4 48	19 8	1 35	19 6	1 33	21 17	1 13	23 37	0 29	21 5	1 8	20 19	0 41	4 9	1 58	28 40	14 24	3 49	3 42	14 48		n.a.
F 29	23 39	14 5	4 23	18 48	1 48	18 44	1 31	21 9	1 12	23 35	0 29	21 4	1 8	20 19	0 41	4 9	1 58	28 39	14 24	3 45	3 41	14 49		n.a.
S 30	23n37	10n59	3s43	18n29	2s 1	18n22	1n29	21n 0	1n12	23n34	0n29	21s 4	1n 8	20s20	0s41	4s 9	1n58	28n39	14n24	3s41	3s40	14n50		n.a.

Julian Day Number = 1716095.5, Delta T = 02h58m18s
Ecliptic obliquity = 23°41'39, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°15'48, Lahiri = - 4°08'48 Julian Calendar 1 June 15 BCE == Greg. Calendar 30 May 015 BCE

The year -14 astronomical counting style corresponds to year 015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 15 BCE
geocentric

JULY 15 BCE (-14) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 25 40	5♋29'44	4♍32	0♌ 4	14♌39	3♌ 4	12♋53	9°R55	3°R 6	14♎58	19♌44	9°R 8	9♎ 6	20♉51	n.a.	S 1
M 2	18 29 37	6°27'06	17°49	0°26	15°48	3°41	13° 6	9♐51	3♒ 4	14°58	19°46	9♎ 5	9° 2	20°58	n.a.	M 2
T 3	18 33 33	7°24'28	1♎22	0°44	16°58	4°19	13°19	9°47	3° 2	14°58	19°48	9° 5	8°59	21° 5	n.a.	T 3
W 4	18 37 30	8°21'50	15°12	0°57	18° 7	4°57	13°32	9°44	2°59	14°58	19°49	9° 5	8°56	21°11	n.a.	W 4
T 5	18 41 26	9°19'14	29°19	1° 5	19°17	5°35	13°46	9°40	2°57	14°58	19°51	9° 4	8°53	21°18	n.a.	T 5
F 6	18 45 23	10°16'38	13♏43	1°R 8	20°26	6°12	13°59	9°37	2°55	14°59	19°53	9° 2	8°50	21°25	n.a.	F 6
S 7	18 49 19	11°14'03	28°22	1° 6	21°35	6°50	14°12	9°33	2°53	14°59	19°55	8°57	8°46	21°32	n.a.	S 7
S 8	18 53 16	12°11'29	13♐10	0°59	22°44	7°28	14°25	9°30	2°51	14°59	19°56	8°49	8°43	21°38	n.a.	S 8
M 9	18 57 13	13° 8'56	28° 0	0°46	23°53	8° 6	14°38	9°27	2°49	14°59	19°58	8°39	8°40	21°45	n.a.	M 9
T 10	19 1 9	14° 6'24	12♑44	0°28	25° 2	8°44	14°52	9°23	2°46	15° 0	20° 0	8°28	8°37	21°52	n.a.	T 10
W11	19 5 6	15° 3'53	27°13	0° 5	26°11	9°22	15° 5	9°20	2°44	15° 0	20° 2	8°17	8°34	21°58	n.a.	W11
T 12	19 9 2	16° 1'24	11♒22	29♋36	27°20	10° 0	15°18	9°17	2°42	15° 1	20° 4	8° 7	8°31	22° 5	n.a.	T 12
F 13	19 12 59	16°58'56	25° 5	29° 3	28°28	10°38	15°31	9°14	2°40	15° 1	20° 6	7°59	8°27	22°12	n.a.	F 13
S 14	19 16 55	17°56'29	8♓21	28°26	29°37	11°16	15°44	9°11	2°37	15° 1	20° 7	7°54	8°24	22°18	n.a.	S 14
S 15	19 20 52	18°54'04	21°12	27°44	0♍45	11°54	15°58	9° 8	2°35	15° 2	20° 9	7°51	8°21	22°25	n.a.	S 15
M16	19 24 48	19°51'40	3♈41	26°59	1°53	12°32	16°11	9° 5	2°33	15° 2	20°11	7°D50	8°18	22°32	n.a.	M16
T 17	19 28 45	20°49'18	15°52	26°11	3° 2	13°10	16°24	9° 3	2°30	15° 3	20°13	7°R50	8°15	22°38	n.a.	T 17
W18	19 32 42	21°46'57	27°50	25°21	4°10	13°49	16°37	9° 0	2°28	15° 4	20°15	7°50	8°11	22°45	n.a.	W18
T 19	19 36 38	22°44'39	9♉41	24°31	5°18	14°27	16°50	8°57	2°26	15° 4	20°17	7°49	8° 8	22°52	n.a.	T 19
F 20	19 40 35	23°42'22	21°30	23°40	6°25	15° 5	17° 4	8°55	2°23	15° 5	20°19	7°46	8° 5	22°58	n.a.	F 20
S 21	19 44 31	24°40'06	3♊22	22°50	7°33	15°43	17°17	8°52	2°21	15° 5	20°21	7°40	8° 2	23° 5	n.a.	S 21
S 22	19 48 28	25°37'53	15°21	22° 1	8°41	16°22	17°30	8°50	2°19	15° 6	20°23	7°32	7°59	23°12	n.a.	S 22
M23	19 52 24	26°35'41	27°30	21°16	9°48	17° 0	17°43	8°48	2°16	15° 7	20°25	7°21	7°56	23°18	n.a.	M23
T 24	19 56 21	27°33'31	9♋51	20°35	10°55	17°38	17°56	8°46	2°14	15° 8	20°27	7°10	7°52	23°25	n.a.	T 24
W25	20 0 17	28°31'22	22°25	19°58	12° 3	18°17	18° 9	8°44	2°12	15° 8	20°29	6°58	7°49	23°32	n.a.	W25
T 26	20 4 14	29°29'15	5♌12	19°27	13°10	18°55	18°22	8°42	2° 9	15° 9	20°31	6°46	7°46	23°39	n.a.	T 26
F 27	20 8 11	0♌27'10	18°12	19° 3	14°17	19°34	18°35	8°40	2° 7	15°10	20°33	6°37	7°43	23°45	n.a.	F 27
S 28	20 12 7	1°25'06	1♍24	18°45	15°23	20°12	18°48	8°38	2° 4	15°11	20°35	6°29	7°40	23°52	n.a.	S 28
S 29	20 16 4	2°23'03	14°46	18°35	16°30	20°51	19° 1	8°36	2° 2	15°12	20°37	6°25	7°37	23°59	n.a.	S 29
M30	20 20 0	3°21'02	28°20	18°D32	17°36	21°30	19°14	8°34	2° 0	15°13	20°39	6°23	7°33	24° 5	n.a.	M30
T 31	20 23 57	4♌19'03	12♎ 3	18♋38	18♍43	22♌ 8	19♋27	8♐33	1♒57	15♎14	20♌42	6°D23	7♎30	24♉12	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23n35	7n17	2s52	18n10	2s14	18n 0	1n27	20n51	1n12	23n33	0n29	21s 3	1n 8	20s20	0s41	4s 9	1n58	28n38	14n23	3s39	3s38	14n51			n.a.
M 2	23 32	3 11	1 50	17 53	2 27	17 37	1 25	20 41	1 11	23 32	0 29	21 3	1 8	20 21	0 41	4 9	1 58	28 37	14 23	3 38	3 37	14 52			n.a.
T 3	23 29	1s10	0 41	17 36	2 40	17 13	1 22	20 32	1 11	23 31	0 30	21 2	1 8	20 21	0 41	4 9	1 58	28 36	14 23	3 38	3 36	14 53			n.a.
W 4	23 26	5 33	0n32	17 20	2 53	16 49	1 20	20 23	1 11	23 29	0 30	21 2	1 7	20 22	0 41	4 9	1 58	28 35	14 23	3 38	3 35	14 54			n.a.
T 5	23 22	9 43	1 45	17 6	3 6	16 25	1 17	20 13	1 11	23 28	0 30	21 2	1 7	20 22	0 41	4 9	1 58	28 35	14 23	3 38	3 33	14 55			n.a.
F 6	23 17	13 23	2 52	16 53	3 19	16 1	1 15	20 3	1 10	23 27	0 30	21 1	1 7	20 23	0 41	4 9	1 58	28 34	14 22	3 37	3 32	14 57			n.a.
S 7	23 13	16 17	3 49	16 42	3 31	15 36	1 12	19 53	1 10	23 25	0 30	21 1	1 7	20 23	0 41	4 10	1 57	28 33	14 22	3 35	3 31	14 58			n.a.
S 8	23 8	18 8	4 31	16 32	3 42	15 10	1 9	19 43	1 10	23 24	0 30	21 1	1 7	20 24	0 41	4 10	1 57	28 32	14 22	3 32	3 30	14 59			n.a.
M 9	23 2	18 45	4 56	16 24	3 53	14 45	1 7	19 33	1 9	23 23	0 30	21 0	1 7	20 24	0 41	4 10	1 57	28 31	14 22	3 28	3 28	15 0			n.a.
T 10	22 56	18 6	5 0	16 18	4 4	14 19	1 4	19 23	1 9	23 21	0 30	21 0	1 7	20 25	0 41	4 10	1 57	28 31	14 21	3 24	3 27	15 1			n.a.
W11	22 50	16 17	4 45	16 14	4 13	13 52	1 1	19 12	1 9	23 20	0 30	21 0	1 6	20 26	0 41	4 10	1 57	28 30	14 21	3 19	3 26	15 2			n.a.
T 12	22 43	13 31	4 12	16 12	4 21	13 26	0 58	19 2	1 9	23 18	0 30	20 59	1 6	20 26	0 41	4 11	1 57	28 29	14 21	3 15	3 25	15 3			n.a.
F 13	22 36	10 4	3 26	16 12	4 28	12 59	0 54	18 51	1 8	23 17	0 30	20 59	1 6	20 27	0 41	4 11	1 57	28 28	14 21	3 12	3 23	15 4			n.a.
S 14	22 29	6 13	2 29	16 14	4 34	12 31	0 51	18 40	1 8	23 16	0 31	20 59	1 6	20 27	0 41	4 11	1 57	28 27	14 21	3 10	3 22	15 5			n.a.
S 15	22 21	2 12	1 27	16 18	4 38	12 4	0 48	18 29	1 8	23 14	0 31	20 58	1 6	20 28	0 41	4 11	1 57	28 27	14 21	3 9	3 21	15 6			n.a.
M16	22 12	1n49	0 22	16 24	4 41	11 36	0 44	18 18	1 7	23 13	0 31	20 58	1 6	20 28	0 41	4 11	1 57	28 26	14 20	3 8	3 19	15 7			n.a.
T 17	22 4	5 39	0s42	16 32	4 41	11 8	0 41	18 7	1 7	23 11	0 31	20 58	1 5	20 29	0 41	4 12	1 57	28 25	14 20	3 9	3 18	15 8			n.a.
W18	21 55	9 12	1 44	16 42	4 41	10 40	0 37	17 55	1 7	23 10	0 31	20 58	1 5	20 29	0 41	4 12	1 57	28 24	14 20	3 8	3 17	15 10			n.a.
T 19	21 45	12 20	2 41	16 54	4 38	10 11	0 33	17 44	1 6	23 8	0 31	20 57	1 5	20 30	0 41	4 12	1 57	28 23	14 20	3 8	3 16	15 11			n.a.
F 20	21 35	14 57	3 30	17 7	4 33	9 42	0 30	17 32	1 6	23 6	0 31	20 57	1 5	20 30	0 41	4 13	1 57	28 22	14 20	3 7	3 14	15 12			n.a.
S 21	21 25	16 57	4 10	17 22	4 26	9 13	0 26	17 20	1 6	23 5	0 31	20 57	1 5	20 31	0 41	4 13	1 57	28 22	14 20	3 4	3 13	15 13			n.a.
S 22	21 15	18 14	4 40	17 38	4 18	8 44	0 22	17 8	1 5	23 3	0 31	20 57	1 5	20 32	0 41	4 13	1 57	28 21	14 19	3 1	3 12	15 14			n.a.
M23	21 4	18 43	4 58	17 55	4 8	8 15	0 18	16 56	1 5	23 2	0 31	20 56	1 5	20 32	0 41	4 14	1 56	28 20	14 19	2 57	3 11	15 15			n.a.
T 24	20 52	18 19	5 2	18 13	3 56	7 45	0 13	16 44	1 5	23 0	0 31	20 56	1 4	20 33	0 41	4 14	1 56	28 19	14 19	2 52	3 9	15 16			n.a.
W25	20 41	17 1	4 51	18 31	3 43	7 16	0 9	16 32	1 4	22 58	0 32	20 56	1 4	20 33	0 41	4 14	1 56	28 18	14 19	2 47	3 8	15 17			n.a.
T 26	20 28	14 52	4 26	18 50	3 28	6 46	0 5	16 19	1 4	22 57	0 32	20 56	1 4	20 34	0 41	4 15	1 56	28 18	14 19	2 43	3 7	15 18			n.a.
F 27	20 16	11 56	3 47	19 8	3 13	6 16	0 1	16 7	1 4	22 55	0 32	20 56	1 4	20 34	0 41	4 15	1 56	28 17	14 19	2 39	3 6	15 19			n.a.
S 28	20 3	8 22	2 55	19 27	2 57	5 46	0s 4	15 54	1 3	22 53	0 32	20 56	1 4	20 35	0 41	4 16	1 56	28 16	14 19	2 36	3 4	15 20			n.a.
S 29	19 50	4 20	1 53	19 45	2 40	5 15	0 8	15 42	1 3	22 51	0 32	20 56	1 4	20 35	0 41	4 16	1 56	28 15	14 19	2 34	3 3	15 21			n.a.
M30	19 37	0 1	0 43	20 3	2 22	4 45	0 13	15 29	1 3	22 50	0 32	20 56	1 3	20 36	0 41	4 16	1 56	28 15	14 19	2 34	3 2	15 22			n.a.
T 31	19n23	4s21	0n30	20n20	2s 4	4n15	0s17	15n16	1n 2	22n48	0n32	20s55	1n 3	20s37	0s41	4s17	1n56	28n14	14n19	2s34	3s 0	15n23			n.a.

Julian Day Number = 1716125.5, Delta T = 02h58m17s
Ecliptic obliquity = 23°41'38, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°15'44, Lahiri = - 4°08'43 Julian Calendar 1 July 15 BCE == Greg. Calendar 29 June 015 BCE

The year -14 astronomical counting style corresponds to year 015 B.C.E historical counting style.

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AUGUST 15 BCE (-14) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 27 53	5♌17'05	25♎56	18♋51	19♍49	22♌47	19♋40	8°R31	1°R55	15♎15	20♌44	6♎23	7♎27	24♉19	n.a.	W 1
T 2	20 31 50	6°15'08	9♏59	19°13	20°55	23°26	19°53	8♐30	1♒52	15°16	20°46	6°R24	7°24	24°25	n.a.	T 2
F 3	20 35 46	7°13'13	24°12	19°43	22° 1	24° 4	20° 6	8°29	1°50	15°17	20°48	6°22	7°21	24°32	n.a.	F 3
S 4	20 39 43	8°11'19	8♐32	20°22	23° 6	24°43	20°19	8°28	1°48	15°18	20°50	6°19	7°17	24°39	n.a.	S 4
S 5	20 43 40	9° 9'27	22°56	21° 8	24°12	25°22	20°32	8°27	1°45	15°19	20°52	6°13	7°14	24°45	n.a.	S 5
M 6	20 47 36	10° 7'36	7♑21	22° 2	25°17	26° 1	20°45	8°26	1°43	15°20	20°54	6° 6	7°11	24°52	n.a.	M 6
T 7	20 51 33	11° 5'48	21°40	23° 3	26°22	26°40	20°58	8°25	1°40	15°22	20°56	5°57	7° 8	24°59	n.a.	T 7
W 8	20 55 29	12° 4'00	5♒47	24°10	27°27	27°19	21°10	8°24	1°38	15°23	20°59	5°49	7° 5	25° 5	n.a.	W 8
T 9	20 59 26	13° 2'15	19°39	25°25	28°32	27°58	21°23	8°23	1°36	15°24	21° 1	5°41	7° 2	25°12	n.a.	T 9
F 10	21 3 22	14° 0'32	3♓10	26°45	29°36	28°37	21°36	8°23	1°33	15°25	21° 3	5°35	6°58	25°19	n.a.	F 10
S 11	21 7 19	14°58'50	16°19	28°10	0♎40	29°16	21°48	8°22	1°31	15°27	21° 5	5°31	6°55	25°26	n.a.	S 11
S 12	21 11 15	15°57'10	29° 7	29°41	1°44	29°55	22° 1	8°22	1°29	15°28	21° 7	5°29	6°52	25°32	n.a.	S 12
M13	21 15 12	16°55'33	11♈34	1♌15	2°48	0♍34	22°14	8°21	1°27	15°29	21° 9	5°D29	6°49	25°39	n.a.	M13
T 14	21 19 9	17°53'58	23°46	2°54	3°52	1°13	22°26	8°21	1°24	15°31	21°12	5°30	6°46	25°46	n.a.	T 14
W15	21 23 5	18°52'25	5♉46	4°36	4°55	1°52	22°39	8°21	1°22	15°32	21°14	5°31	6°43	25°52	n.a.	W15
T 16	21 27 2	19°50'54	17°38	6°20	5°58	2°31	22°51	8°D21	1°20	15°34	21°16	5°R32	6°39	25°59	n.a.	T 16
F 17	21 30 58	20°49'26	29°29	8° 7	7° 1	3°11	23° 3	8°21	1°18	15°35	21°18	5°32	6°36	26° 6	n.a.	F 17
S 18	21 34 55	21°48'00	11♊23	9°55	8° 3	3°50	23°16	8°21	1°15	15°36	21°20	5°29	6°33	26°12	n.a.	S 18
S 19	21 38 51	22°46'36	23°24	11°45	9° 6	4°29	23°28	8°21	1°13	15°38	21°22	5°26	6°30	26°19	n.a.	S 19
M20	21 42 48	23°45'14	5♋38	13°36	10° 8	5° 9	23°40	8°22	1°11	15°40	21°25	5°20	6°27	26°26	n.a.	M20
T 21	21 46 44	24°43'55	18° 6	15°27	11° 9	5°48	23°53	8°22	1° 9	15°41	21°27	5°13	6°23	26°32	n.a.	T 21
W22	21 50 41	25°42'38	0♌52	17°19	12°11	6°28	24° 5	8°23	1° 7	15°43	21°29	5° 6	6°20	26°39	n.a.	W22
T 23	21 54 38	26°41'23	13°55	19°11	13°12	7° 7	24°17	8°23	1° 5	15°44	21°31	5° 0	6°17	26°46	n.a.	T 23
F 24	21 58 34	27°40'10	27°15	21° 3	14°13	7°47	24°29	8°24	1° 3	15°46	21°33	4°54	6°14	26°53	n.a.	F 24
S 25	22 2 31	28°38'59	10♍50	22°55	15°13	8°26	24°41	8°25	1° 1	15°48	21°35	4°50	6°11	26°59	n.a.	S 25
S 26	22 6 27	29°37'50	24°38	24°46	16°14	9° 6	24°53	8°26	0°58	15°49	21°38	4°48	6° 8	27° 6	n.a.	S 26
M27	22 10 24	0♍36'43	8♎35	26°37	17°13	9°46	25° 5	8°27	0°56	15°51	21°40	4°D48	6° 4	27°13	n.a.	M27
T 28	22 14 20	1°35'38	22°40	28°27	18°13	10°25	25°17	8°28	0°55	15°53	21°42	4°49	6° 1	27°19	n.a.	T 28
W29	22 18 17	2°34'35	6♏49	0♍17	19°12	11° 5	25°28	8°29	0°53	15°54	21°44	4°50	5°58	27°26	n.a.	W29
T 30	22 22 13	3°33'34	21° 0	2° 6	20°11	11°45	25°40	8°31	0°51	15°56	21°46	4°51	5°55	27°33	n.a.	T 30
F 31	22 26 10	4♍32'34	5♐12	3♍54	21♎ 9	12♍25	25♋52	8♐32	0♒49	15♎58	21♌48	4°R52	5♎52	27♉39	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	19n 9	8s32	1n43	20n36	1s46	3n44	0s22	15n 3	1n 2	22n46	0n32	20s55	1n 3	20s37	0s41	4s17	1n56	28n13	14n19	2s34	2s59	15n24			n.a.
T 2	18 55	12 17	2 50	20 50	1 29	3 14	0 27	14 49	1 2	22 44	0 32	20 55	1 3	20 38	0 41	4 18	1 56	28 12	14 19	2 34	2 58	15 25			n.a.
F 3	18 40	15 21	3 47	21 3	1 11	2 43	0 32	14 36	1 1	22 42	0 33	20 55	1 3	20 38	0 41	4 18	1 56	28 11	14 18	2 33	2 57	15 26			n.a.
S 4	18 25	17 30	4 31	21 14	0 54	2 12	0 37	14 23	1 1	22 41	0 33	20 55	1 2	20 39	0 41	4 19	1 56	28 11	14 18	2 32	2 55	15 27			n.a.
S 5	18 9	18 33	4 57	21 24	0 37	1 42	0 42	14 9	1 1	22 39	0 33	20 55	1 2	20 39	0 41	4 19	1 56	28 10	14 18	2 30	2 54	15 28			n.a.
M 6	17 54	18 24	5 5	21 31	0 21	1 11	0 47	13 55	1 0	22 37	0 33	20 55	1 2	20 40	0 41	4 20	1 56	28 9	14 18	2 27	2 53	15 29			n.a.
T 7	17 38	17 5	4 54	21 36	0 6	0 40	0 52	13 42	1 0	22 35	0 33	20 55	1 2	20 40	0 41	4 20	1 56	28 8	14 18	2 23	2 52	15 30			n.a.
W 8	17 21	14 45	4 25	21 39	0n 8	0 10	0 57	13 28	1 0	22 33	0 33	20 55	1 2	20 41	0 41	4 21	1 56	28 8	14 18	2 20	2 50	15 31			n.a.
T 9	17 5	11 35	3 41	21 38	0 22	0s21	1 2	13 14	0 59	22 31	0 33	20 55	1 2	20 41	0 41	4 21	1 55	28 7	14 18	2 17	2 49	15 33			n.a.
F 10	16 48	7 54	2 45	21 36	0 35	0 52	1 7	13 0	0 59	22 29	0 33	20 56	1 1	20 42	0 41	4 22	1 55	28 6	14 18	2 14	2 48	15 34			n.a.
S 11	16 31	3 54	1 41	21 30	0 46	1 22	1 12	12 46	0 58	22 28	0 34	20 56	1 1	20 42	0 41	4 22	1 55	28 5	14 18	2 13	2 47	15 35			n.a.
S 12	16 13	0n10	0 34	21 22	0 57	1 53	1 18	12 32	0 58	22 26	0 34	20 56	1 1	20 43	0 41	4 23	1 55	28 5	14 18	2 12	2 45	15 36			n.a.
M13	15 56	4 7	0s33	21 10	1 7	2 24	1 23	12 17	0 58	22 24	0 34	20 56	1 1	20 43	0 41	4 23	1 55	28 4	14 18	2 12	2 44	15 37			n.a.
T 14	15 38	7 49	1 37	20 56	1 15	2 54	1 28	12 3	0 57	22 22	0 34	20 56	1 1	20 44	0 41	4 24	1 55	28 3	14 18	2 12	2 43	15 38			n.a.
W15	15 20	11 8	2 36	20 39	1 23	3 24	1 34	11 48	0 57	22 20	0 34	20 56	1 1	20 44	0 41	4 25	1 55	28 3	14 18	2 13	2 41	15 39			n.a.
T 16	15 1	13 57	3 28	20 20	1 29	3 55	1 39	11 34	0 57	22 18	0 34	20 56	1 0	20 45	0 41	4 25	1 55	28 2	14 18	2 13	2 40	15 40			n.a.
F 17	14 42	16 10	4 11	19 58	1 35	4 25	1 45	11 19	0 56	22 16	0 34	20 56	1 0	20 45	0 41	4 26	1 55	28 1	14 19	2 13	2 39	15 41			n.a.
S 18	14 23	17 43	4 43	19 33	1 40	4 55	1 50	11 4	0 56	22 14	0 34	20 57	1 0	20 46	0 41	4 26	1 55	28 0	14 19	2 12	2 38	15 42			n.a.
S 19	14 4	18 29	5 3	19 6	1 43	5 25	1 56	10 49	0 55	22 12	0 35	20 57	1 0	20 46	0 41	4 27	1 55	28 0	14 19	2 11	2 36	15 43			n.a.
M20	13 45	18 25	5 10	18 37	1 46	5 55	2 2	10 35	0 55	22 10	0 35	20 57	1 0	20 47	0 41	4 28	1 55	27 59	14 19	2 8	2 35	15 44			n.a.
T 21	13 25	17 28	5 2	18 6	1 48	6 24	2 7	10 19	0 55	22 8	0 35	20 57	1 0	20 47	0 41	4 28	1 55	27 58	14 19	2 6	2 34	15 45			n.a.
W22	13 5	15 38	4 39	17 33	1 49	6 54	2 13	10 4	0 54	22 6	0 35	20 58	0 59	20 48	0 41	4 29	1 55	27 58	14 19	2 3	2 33	15 46			n.a.
T 23	12 45	12 58	4 2	16 58	1 50	7 23	2 19	9 49	0 54	22 4	0 35	20 58	0 59	20 48	0 41	4 30	1 55	27 57	14 19	2 0	2 31	15 46			n.a.
F 24	12 25	9 35	3 10	16 22	1 50	7 52	2 24	9 34	0 53	22 2	0 35	20 58	0 59	20 49	0 41	4 30	1 55	27 56	14 19	1 58	2 30	15 47			n.a.
S 25	12 4	5 38	2 7	15 44	1 49	8 21	2 30	9 19	0 53	22 0	0 35	20 58	0 59	20 49	0 41	4 31	1 55	27 56	14 19	1 57	2 29	15 48			n.a.
S 26	11 43	1 19	0 55	15 6	1 48	8 50	2 36	9 3	0 53	21 58	0 36	20 59	0 59	20 50	0 41	4 32	1 55	27 55	14 19	1 56	2 27	15 49			n.a.
M27	11 22	3s 7	0n21	14 26	1 46	9 19	2 41	8 48	0 52	21 56	0 36	20 59	0 58	20 50	0 41	4 32	1 55	27 55	14 19	1 56	2 26	15 50			n.a.
T 28	11 1	7 25	1 36	13 45	1 43	9 47	2 47	8 32	0 52	21 54	0 36	21 0	0 58	20 50	0 41	4 33	1 55	27 54	14 20	1 56	2 25	15 51			n.a.
W29	10 40	11 19	2 46	13 3	1 40	10 15	2 53	8 17	0 51	21 52	0 36	21 0	0 58	20 51	0 41	4 34	1 54	27 53	14 20	1 56	2 24	15 52			n.a.
T 30	10 18	14 34	3 46	12 21	1 37	10 43	2 58	8 1	0 51	21 50	0 36	21 0	0 58	20 51	0 41	4 35	1 54	27 53	14 20	1 57	2 22	15 53			n.a.
F 31	9n57	16s56	4n32	11n38	1n33	11s11	3s 4	7n45	0n51	21n48	0n36	21s 1	0n58	20s52	0s41	4s35	1n54	27n52	14n20	1s57	2s21	15n54			n.a.

Julian Day Number = 1716156.5, Delta T = 02h58m16s
Ecliptic obliquity = 23°41'39, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°15'40, Lahiri = - 4°08'39 Julian Calendar 1 Aug. 15 BCE == Greg. Calendar 30 July 015 BCE

The year -14 astronomical counting style corresponds to year 015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 15 BCE
geocentric

SEPTEMBER 15 BCE (-14) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 30 6	5♍31'37	19♐21	5♍41	22♎ 7	13♍ 5	26♋ 3	8♐34	0°R47	16♎ 0	21♌50	4°R51	5♎49	27♉46	n.a.	S 1
S 2	22 34 3	6°30'41	3♑27	7°28	23° 4	13°45	26°15	8°35	0♒45	16° 2	21°53	4♎49	5°45	27°53	n.a.	S 2
M 3	22 38 0	7°29'47	17°27	9°13	24° 1	14°25	26°26	8°37	0°43	16° 3	21°55	4°46	5°42	27°59	n.a.	M 3
T 4	22 41 56	8°28'55	1♒18	10°58	24°58	15° 5	26°37	8°39	0°42	16° 5	21°57	4°42	5°39	28° 6	n.a.	T 4
W 5	22 45 53	9°28'05	14°58	12°42	25°54	15°45	26°49	8°41	0°40	16° 7	21°59	4°38	5°36	28°13	n.a.	W 5
T 6	22 49 49	10°27'17	28°24	14°25	26°50	16°25	27° 0	8°43	0°38	16° 9	22° 1	4°35	5°33	28°20	n.a.	T 6
F 7	22 53 46	11°26'31	11♓35	16° 7	27°45	17° 5	27°11	8°45	0°37	16°11	22° 3	4°32	5°29	28°26	n.a.	F 7
S 8	22 57 42	12°25'47	24°29	17°49	28°39	17°45	27°22	8°47	0°35	16°13	22° 5	4°31	5°26	28°33	n.a.	S 8
S 9	23 1 39	13°25'05	7♈ 6	19°29	29°33	18°25	27°33	8°49	0°33	16°15	22° 7	4°D30	5°23	28°40	n.a.	S 9
M10	23 5 35	14°24'25	19°29	21° 9	0♏26	19° 5	27°44	8°52	0°32	16°17	22° 9	4°31	5°20	28°46	n.a.	M10
T 11	23 9 32	15°23'48	1♉38	22°48	1°19	19°46	27°55	8°54	0°30	16°19	22°11	4°32	5°17	28°53	n.a.	T 11
W12	23 13 28	16°23'13	13°37	24°27	2°11	20°26	28° 6	8°57	0°29	16°21	22°13	4°34	5°14	29° 0	n.a.	W12
T 13	23 17 25	17°22'40	25°30	26° 4	3° 3	21° 6	28°16	9° 0	0°28	16°23	22°15	4°35	5°10	29° 6	n.a.	T 13
F 14	23 21 22	18°22'10	7♊21	27°41	3°54	21°47	28°27	9° 2	0°26	16°25	22°17	4°36	5° 7	29°13	n.a.	F 14
S 15	23 25 18	19°21'42	19°14	29°17	4°44	22°27	28°37	9° 5	0°25	16°27	22°19	4°R37	5° 4	29°20	n.a.	S 15
S 16	23 29 15	20°21'17	1♋16	0♎53	5°33	23° 8	28°48	9° 8	0°24	16°29	22°21	4°36	5° 1	29°26	n.a.	S 16
M17	23 33 11	21°20'54	13°29	2°28	6°22	23°48	28°58	9°11	0°22	16°31	22°23	4°36	4°58	29°33	n.a.	M17
T 18	23 37 8	22°20'34	25°59	4° 2	7°10	24°29	29° 8	9°14	0°21	16°33	22°25	4°34	4°54	29°40	n.a.	T 18
W19	23 41 4	23°20'15	8♌48	5°35	7°57	25° 9	29°18	9°17	0°20	16°35	22°27	4°33	4°51	29°47	n.a.	W19
T 20	23 45 1	24°19'59	21°59	7° 8	8°43	25°50	29°28	9°21	0°19	16°37	22°29	4°31	4°48	29°53	n.a.	T 20
F 21	23 48 57	25°19'45	5♍33	8°40	9°28	26°31	29°38	9°24	0°18	16°39	22°31	4°30	4°45	29°59	n.a.	F 21
S 22	23 52 54	26°19'34	19°27	10°12	10°13	27°12	29°48	9°28	0°17	16°42	22°33	4°29	4°42	0♊ 7	n.a.	S 22
S 23	23 56 51	27°19'24	3♎39	11°43	10°56	27°52	29°58	9°31	0°16	16°44	22°35	4°D29	4°39	0°13	n.a.	S 23
M24	0 0 47	28°19'16	18° 5	13°13	11°38	28°33	0♌ 7	9°35	0°15	16°46	22°37	4°29	4°35	0°20	n.a.	M24
T 25	0 4 44	29°19'11	2♏38	14°43	12°20	29°14	0°17	9°38	0°14	16°48	22°38	4°30	4°32	0°27	n.a.	T 25
W26	0 8 40	0♎19'07	17°12	16°12	13° 0	29°55	0°26	9°42	0°13	16°50	22°40	4°30	4°29	0°33	n.a.	W26
T 27	0 12 37	1°19'05	1♐43	17°41	13°39	0♎36	0°35	9°46	0°12	16°52	22°42	4°30	4°26	0°40	n.a.	T 27
F 28	0 16 33	2°19'05	16° 6	19° 9	14°17	1°17	0°45	9°50	0°11	16°55	22°44	4°31	4°23	0°47	n.a.	F 28
S 29	0 20 30	3°19'06	0♑18	20°36	14°54	1°58	0°54	9°54	0°11	16°57	22°46	4°31	4°20	0°54	n.a.	S 29
S 30	0 24 26	4♎19'10	14♑16	22♎ 3	15♏30	2♎39	1♌ 3	9♐58	0♒10	16♎59	22♌47	4♎31	4♎16	1♊ 0	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n35	18s15	5n 2	10n54	1n29	11s38	3s10	7n29	0n50	21n46	0n36	21s 1	0n58	20s52	0s41	4s36	1n54	27n52	14n20	1s57	2s20	15n55		n.a.
S 2	9 13	18 26	5 13	10 10	1 25	12 5	3 16	7 13	0 50	21 43	0 37	21 1	0 57	20 52	0 41	4 37	1 54	27 51	14 20	1 56	2 19	15 56		n.a.
M 3	8 51	17 29	5 6	9 26	1 20	12 32	3 21	6 57	0 49	21 41	0 37	21 2	0 57	20 53	0 41	4 38	1 54	27 50	14 20	1 55	2 17	15 57		n.a.
T 4	8 29	15 31	4 40	8 41	1 15	12 58	3 27	6 41	0 49	21 39	0 37	21 2	0 57	20 53	0 41	4 38	1 54	27 50	14 21	1 53	2 16	15 58		n.a.
W 5	8 6	12 42	3 59	7 56	1 10	13 24	3 33	6 25	0 48	21 37	0 37	21 3	0 57	20 54	0 41	4 39	1 54	27 49	14 21	1 52	2 15	15 59		n.a.
T 6	7 44	9 15	3 6	7 11	1 4	13 50	3 38	6 9	0 48	21 35	0 37	21 3	0 57	20 54	0 41	4 40	1 54	27 49	14 21	1 50	2 13	16 0		n.a.
F 7	7 21	5 24	2 3	6 26	0 58	14 15	3 44	5 53	0 48	21 33	0 37	21 4	0 57	20 54	0 41	4 41	1 54	27 48	14 21	1 49	2 12	16 1		n.a.
S 8	6 58	1 22	0 55	5 40	0 52	14 40	3 49	5 37	0 47	21 31	0 38	21 4	0 56	20 55	0 41	4 41	1 54	27 48	14 21	1 49	2 11	16 2		n.a.
S 9	6 35	2n38	0s14	4 55	0 46	15 5	3 55	5 21	0 47	21 29	0 38	21 5	0 56	20 55	0 41	4 42	1 54	27 47	14 22	1 49	2 10	16 3		n.a.
M10	6 12	6 27	1 22	4 9	0 40	15 29	4 0	5 4	0 46	21 27	0 38	21 5	0 56	20 55	0 41	4 43	1 54	27 47	14 22	1 49	2 8	16 4		n.a.
T 11	5 49	9 55	2 24	3 24	0 34	15 53	4 6	4 48	0 46	21 25	0 38	21 6	0 56	20 55	0 41	4 44	1 54	27 46	14 22	1 49	2 7	16 5		n.a.
W12	5 26	12 55	3 20	2 39	0 27	16 17	4 11	4 31	0 45	21 23	0 38	21 7	0 56	20 56	0 41	4 45	1 54	27 46	14 22	1 50	2 6	16 6		n.a.
T 13	5 2	15 22	4 6	1 54	0 21	16 40	4 16	4 15	0 45	21 21	0 38	21 7	0 56	20 56	0 41	4 45	1 54	27 45	14 23	1 51	2 5	16 7		n.a.
F 14	4 39	17 8	4 42	1 9	0 14	17 2	4 22	3 58	0 44	21 19	0 39	21 8	0 55	20 56	0 41	4 46	1 54	27 45	14 23	1 51	2 3	16 7		n.a.
S 15	4 15	18 11	5 5	0 24	0 7	17 25	4 27	3 42	0 44	21 17	0 39	21 8	0 55	20 57	0 41	4 47	1 54	27 44	14 23	1 51	2 2	16 8		n.a.
S 16	3 52	18 25	5 16	0s21	0 1	17 46	4 32	3 25	0 44	21 15	0 39	21 9	0 55	20 57	0 41	4 48	1 54	27 44	14 23	1 51	2 1	16 9		n.a.
M17	3 28	17 49	5 13	1 5	0s 6	18 8	4 37	3 9	0 43	21 13	0 39	21 10	0 55	20 57	0 41	4 49	1 54	27 43	14 24	1 51	1 59	16 10		n.a.
T 18	3 4	16 21	4 55	1 49	0 13	18 28	4 42	2 52	0 43	21 11	0 39	21 10	0 55	20 57	0 41	4 49	1 54	27 43	14 24	1 50	1 58	16 11		n.a.
W19	2 40	14 2	4 22	2 33	0 20	18 49	4 47	2 35	0 42	21 9	0 39	21 11	0 55	20 58	0 41	4 50	1 54	27 43	14 24	1 49	1 57	16 12		n.a.
T 20	2 16	10 57	3 34	3 16	0 27	19 8	4 51	2 19	0 42	21 7	0 40	21 11	0 54	20 58	0 41	4 51	1 54	27 42	14 24	1 49	1 56	16 13		n.a.
F 21	1 53	7 12	2 34	3 59	0 34	19 28	4 56	2 2	0 41	21 5	0 40	21 12	0 54	20 58	0 41	4 52	1 54	27 42	14 25	1 48	1 54	16 14		n.a.
S 22	1 29	2 57	1 22	4 42	0 41	19 46	5 0	1 45	0 41	21 4	0 40	21 13	0 54	20 58	0 41	4 53	1 54	27 41	14 25	1 48	1 53	16 15		n.a.
S 23	1 5	1s32	0 5	5 24	0 47	20 5	5 5	1 28	0 40	21 2	0 40	21 13	0 54	20 58	0 41	4 54	1 54	27 41	14 25	1 48	1 52	16 16		n.a.
M24	0 40	6 1	1n15	6 6	0 54	20 22	5 9	1 11	0 40	21 0	0 40	21 14	0 54	20 59	0 41	4 55	1 54	27 41	14 26	1 48	1 51	16 17		n.a.
T 25	0 16	10 10	2 30	6 48	1 1	20 39	5 13	0 54	0 39	20 58	0 40	21 15	0 54	20 59	0 41	4 55	1 54	27 40	14 26	1 48	1 49	16 17		n.a.
W26	0s 8	13 42	3 36	7 28	1 8	20 56	5 17	0 38	0 39	20 56	0 41	21 16	0 54	20 59	0 41	4 56	1 54	27 40	14 26	1 48	1 48	16 18		n.a.
T 27	0 32	16 22	4 27	8 9	1 14	21 12	5 21	0 21	0 38	20 54	0 41	21 16	0 53	20 59	0 41	4 57	1 54	27 40	14 27	1 49	1 47	16 19		n.a.
F 28	0 56	17 58	5 1	8 49	1 21	21 27	5 24	0 4	0 38	20 52	0 41	21 17	0 53	20 59	0 41	4 58	1 54	27 39	14 27	1 49	1 45	16 20		n.a.
S 29	1 20	18 25	5 17	9 28	1 27	21 41	5 28	0s13	0 37	20 51	0 41	21 18	0 53	20 59	0 41	4 59	1 54	27 39	14 27	1 49	1 44	16 21		n.a.
S 30	1s44	17s44	5n13	10s 7	1s33	21s55	5s31	0s30	0n37	20n49	0n41	21s19	0n53	20s59	0s41	5s 0	1n54	27n39	14n28	1s49	1s43	16n22		n.a.

Julian Day Number = 1716187.5, Delta T = 02h58m15s
Ecliptic obliquity = 23°41'39, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°15'35, Lahiri = - 4°08'35 Julian Calendar 1 Sept. 15 BCE == Greg. Calendar 30 Aug. 015 BCE

The year -14 astronomical counting style corresponds to year 015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 15 BCE
geocentric

OCTOBER 15 BCE (-14) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 28 23	5♎19'15	28♉ 0	23♎28	16♏ 4	3♎20	1♌11	10♐ 2	0°R10	17♎ 1	22♌49	4♎31	4♎13	1♊ 7	n.a.	M 1
T 2	0 32 20	6°19'21	11♒29	24°54	16°37	4° 2	1°20	10° 7	0♒ 9	17° 3	22°51	4°31	4°10	1°14	n.a.	T 2
W 3	0 36 16	7°19'29	24°43	26°18	17° 8	4°43	1°29	10°11	0° 8	17° 6	22°52	4°31	4° 7	1°20	n.a.	W 3
T 4	0 40 13	8°19'39	7♓44	27°42	17°38	5°24	1°37	10°15	0° 8	17° 8	22°54	4°31	4° 4	1°27	n.a.	T 4
F 5	0 44 9	9°19'50	20°32	29° 5	18° 6	6° 6	1°45	10°20	0° 8	17°10	22°56	4°32	4° 0	1°34	n.a.	F 5
S 6	0 48 6	10°20'04	3♈ 7	0♏27	18°33	6°47	1°54	10°24	0° 7	17°12	22°57	4°R32	3°57	1°40	n.a.	S 6
S 7	0 52 2	11°20'19	15°30	1°48	18°58	7°28	2° 2	10°29	0° 7	17°14	22°59	4°32	3°54	1°47	n.a.	S 7
M 8	0 55 59	12°20'36	27°42	3° 7	19°21	8°10	2°10	10°34	0° 7	17°17	23° 0	4°31	3°51	1°54	n.a.	M 8
T 9	0 59 55	13°20'55	9♉46	4°26	19°42	8°51	2°17	10°39	0° 6	17°19	23° 2	4°30	3°48	2° 1	n.a.	T 9
W10	1 3 52	14°21'16	21°43	5°44	20° 1	9°33	2°25	10°43	0° 6	17°21	23° 3	4°29	3°45	2° 7	n.a.	W10
T 11	1 7 48	15°21'39	3♊34	7° 0	20°19	10°14	2°33	10°48	0° 6	17°23	23° 5	4°27	3°41	2°14	n.a.	T 11
F 12	1 11 45	16°22'03	15°25	8°14	20°35	10°56	2°40	10°53	0° 6	17°26	23° 6	4°26	3°38	2°21	n.a.	F 12
S 13	1 15 42	17°22'30	27°18	9°27	20°48	11°38	2°47	10°58	0°D 6	17°28	23° 8	4°24	3°35	2°27	n.a.	S 13
S 14	1 19 38	18°22'59	9♋17	10°37	20°59	12°19	2°55	11° 4	0° 6	17°30	23° 9	4°23	3°32	2°34	n.a.	S 14
M15	1 23 35	19°23'30	21°27	11°46	21° 9	13° 1	3° 2	11° 9	0° 6	17°32	23°11	4°D23	3°29	2°41	n.a.	M15
T 16	1 27 31	20°24'02	3♌52	12°52	21°16	13°43	3° 8	11°14	0° 6	17°35	23°12	4°24	3°25	2°47	n.a.	T 16
W17	1 31 28	21°24'37	16°38	13°55	21°20	14°25	3°15	11°19	0° 7	17°37	23°13	4°25	3°22	2°54	n.a.	W17
T 18	1 35 24	22°25'13	29°47	14°55	21°R23	15° 7	3°22	11°25	0° 7	17°39	23°15	4°26	3°19	3° 1	n.a.	T 18
F 19	1 39 21	23°25'52	13♍21	15°51	21°23	15°49	3°28	11°30	0° 7	17°41	23°16	4°27	3°16	3° 8	n.a.	F 19
S 20	1 43 17	24°26'32	27°22	16°44	21°20	16°31	3°34	11°36	0° 8	17°44	23°17	4°R28	3°13	3°14	n.a.	S 20
S 21	1 47 14	25°27'13	11♎48	17°31	21°15	17°13	3°40	11°41	0° 8	17°46	23°19	4°28	3°10	3°21	n.a.	S 21
M22	1 51 11	26°27'57	26°33	18°14	21° 8	17°55	3°46	11°47	0° 8	17°48	23°20	4°27	3° 6	3°28	n.a.	M22
T 23	1 55 7	27°28'41	11♏32	18°51	20°58	18°37	3°52	11°52	0° 9	17°50	23°21	4°25	3° 3	3°34	n.a.	T 23
W24	1 59 4	28°29'28	26°34	19°21	20°46	19°19	3°58	11°58	0°10	17°53	23°22	4°22	3° 0	3°41	n.a.	W24
T 25	2 3 0	29°30'15	11♐31	19°44	20°32	20° 2	4° 3	12° 4	0°10	17°55	23°23	4°18	2°57	3°48	n.a.	T 25
F 26	2 6 57	0♏31'04	26°16	19°59	20°15	20°44	4° 9	12°10	0°11	17°57	23°24	4°15	2°54	3°55	n.a.	F 26
S 27	2 10 53	1°31'54	10♉41	20°R 5	19°55	21°26	4°14	12°16	0°12	17°59	23°25	4°12	2°51	4° 1	n.a.	S 27
S 28	2 14 50	2°32'45	24°44	20° 2	19°34	22° 9	4°19	12°22	0°12	18° 2	23°26	4°11	2°47	4° 8	n.a.	S 28
M29	2 18 46	3°33'36	8♒25	19°49	19°10	22°51	4°23	12°28	0°13	18° 4	23°27	4°D11	2°44	4°15	n.a.	M29
T 30	2 22 43	4°34'29	21°43	19°24	18°44	23°34	4°28	12°34	0°14	18° 6	23°28	4°12	2°41	4°21	n.a.	T 30
W31	2 26 40	5♏35'23	4♓42	18♏49	18♏16	24♎16	4♌33	12♐40	0♒15	18♎ 8	23♌29	4♎13	2♎38	4♊28	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	2s 8	16s 1	4n51	10s45	1s39	22s 8	5s34	0s47	0n36	20n47	0n42	21s19	0n53	21s 0	0s41	5s 1	1n54	27n39	14n28	1s49	1s42	16n23			n.a.
T 2	2 32	13 27	4 14	11 22	1 45	22 21	5 37	1 4	0 36	20 45	0 42	21 20	0 53	21 0	0 41	5 1	1 54	27 38	14 28	1 49	1 40	16 24			n.a.
W 3	2 56	10 13	3 24	11 59	1 51	22 33	5 40	1 21	0 35	20 44	0 42	21 21	0 52	21 0	0 41	5 2	1 54	27 38	14 29	1 49	1 39	16 24			n.a.
T 4	3 20	6 33	2 23	12 34	1 57	22 44	5 42	1 38	0 35	20 42	0 42	21 22	0 52	21 0	0 40	5 3	1 54	27 38	14 29	1 49	1 38	16 25			n.a.
F 5	3 44	2 37	1 17	13 10	2 2	22 54	5 44	1 55	0 34	20 40	0 42	21 22	0 52	21 0	0 40	5 4	1 54	27 38	14 30	1 49	1 37	16 26			n.a.
S 6	4 8	1n22	0 8	13 44	2 7	23 3	5 46	2 12	0 34	20 39	0 43	21 23	0 52	21 0	0 40	5 5	1 54	27 37	14 30	1 49	1 35	16 27			n.a.
S 7	4 32	5 14	1s 1	14 17	2 12	23 12	5 48	2 29	0 33	20 37	0 43	21 24	0 52	21 0	0 40	5 6	1 54	27 37	14 30	1 49	1 34	16 28			n.a.
M 8	4 56	8 49	2 5	14 49	2 17	23 20	5 49	2 46	0 33	20 35	0 43	21 25	0 52	21 0	0 40	5 7	1 54	27 37	14 31	1 49	1 33	16 29			n.a.
T 9	5 19	12 0	3 3	15 21	2 21	23 27	5 50	3 3	0 32	20 34	0 43	21 26	0 52	21 0	0 40	5 7	1 54	27 37	14 31	1 48	1 31	16 30			n.a.
W10	5 43	14 38	3 53	15 51	2 25	23 33	5 50	3 20	0 32	20 32	0 44	21 27	0 51	21 0	0 40	5 8	1 53	27 37	14 32	1 48	1 30	16 31			n.a.
T 11	6 7	16 39	4 32	16 20	2 29	23 38	5 51	3 37	0 31	20 31	0 44	21 27	0 51	21 0	0 40	5 9	1 53	27 37	14 32	1 47	1 29	16 31			n.a.
F 12	6 30	17 56	4 59	16 48	2 32	23 42	5 51	3 54	0 31	20 29	0 44	21 28	0 51	21 0	0 40	5 10	1 53	27 36	14 32	1 47	1 28	16 32			n.a.
S 13	6 54	18 26	5 14	17 14	2 35	23 46	5 50	4 11	0 30	20 28	0 44	21 29	0 51	21 0	0 40	5 11	1 53	27 36	14 33	1 46	1 26	16 33			n.a.
S 14	7 17	18 7	5 15	17 39	2 37	23 48	5 49	4 28	0 30	20 26	0 44	21 30	0 51	21 0	0 40	5 12	1 54	27 36	14 33	1 46	1 25	16 34			n.a.
M15	7 40	16 59	5 3	18 3	2 39	23 49	5 48	4 45	0 29	20 25	0 45	21 31	0 51	21 0	0 40	5 13	1 54	27 36	14 34	1 46	1 24	16 35			n.a.
T 16	8 3	15 1	4 36	18 25	2 41	23 49	5 46	5 2	0 29	20 23	0 45	21 32	0 51	21 0	0 40	5 14	1 54	27 36	14 34	1 46	1 23	16 36			n.a.
W17	8 26	12 17	3 55	18 45	2 41	23 48	5 44	5 19	0 28	20 22	0 45	21 33	0 51	21 0	0 40	5 14	1 54	27 36	14 35	1 46	1 21	16 36			n.a.
T 18	8 49	8 52	3 0	19 3	2 41	23 46	5 41	5 36	0 27	20 21	0 45	21 33	0 50	21 0	0 40	5 15	1 54	27 36	14 35	1 47	1 20	16 37			n.a.
F 19	9 12	4 51	1 54	19 19	2 41	23 43	5 37	5 52	0 27	20 19	0 46	21 34	0 50	21 0	0 40	5 16	1 54	27 36	14 35	1 47	1 19	16 38			n.a.
S 20	9 34	0 27	0 39	19 33	2 39	23 38	5 34	6 9	0 26	20 18	0 46	21 35	0 50	20 59	0 40	5 17	1 54	27 36	14 36	1 48	1 17	16 39			n.a.
S 21	9 57	4s 6	0n40	19 45	2 37	23 33	5 29	6 26	0 26	20 17	0 46	21 36	0 50	20 59	0 40	5 18	1 54	27 36	14 36	1 48	1 16	16 40			n.a.
M22	10 19	8 30	1 59	19 54	2 33	23 26	5 24	6 43	0 25	20 16	0 46	21 37	0 50	20 59	0 40	5 19	1 54	27 36	14 37	1 47	1 15	16 41			n.a.
T 23	10 41	12 26	3 10	20 0	2 29	23 18	5 18	7 0	0 25	20 15	0 46	21 38	0 50	20 59	0 40	5 20	1 54	27 36	14 37	1 46	1 14	16 41			n.a.
W24	11 3	15 34	4 9	20 3	2 23	23 8	5 12	7 16	0 24	20 13	0 47	21 39	0 50	20 59	0 40	5 20	1 54	27 36	14 38	1 45	1 12	16 42			n.a.
T 25	11 25	17 37	4 50	20 3	2 16	22 58	5 5	7 33	0 24	20 12	0 47	21 40	0 50	20 59	0 40	5 21	1 54	27 36	14 38	1 44	1 11	16 43			n.a.
F 26	11 46	18 28	5 11	19 59	2 8	22 46	4 58	7 49	0 23	20 11	0 47	21 41	0 49	20 59	0 40	5 22	1 54	27 36	14 39	1 42	1 10	16 44			n.a.
S 27	12 8	18 5	5 12	19 51	1 58	22 33	4 49	8 6	0 22	20 10	0 47	21 41	0 49	20 58	0 40	5 23	1 54	27 36	14 39	1 41	1 9	16 45			n.a.
S 28	12 29	16 35	4 54	19 39	1 47	22 18	4 40	8 22	0 22	20 9	0 48	21 42	0 49	20 58	0 40	5 24	1 54	27 36	14 40	1 41	1 7	16 45			n.a.
M29	12 50	14 10	4 20	19 23	1 34	22 2	4 31	8 39	0 21	20 8	0 48	21 43	0 49	20 58	0 40	5 25	1 54	27 36	14 40	1 41	1 6	16 46			n.a.
T 30	13 11	11 4	3 32	19 3	1 20	21 45	4 21	8 55	0 21	20 8	0 48	21 44	0 49	20 58	0 40	5 25	1 54	27 36	14 41	1 41	1 5	16 47			n.a.
W31	13s31	7s29	2n35	18s38	1s 4	21s27	4s10	9s12	0n20	20n 7	0n48	21s45	0n49	20s57	0s40	5s26	1n54	27n37	14n41	1s42	1s 3	16n48			n.a.

Julian Day Number = 1716217.5, Delta T = 02h58m14s
Ecliptic obliquity = 23°41'39, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°15'31, Lahiri = - 4°08'31 Julian Calendar 1 Oct. 15 BCE == Greg. Calendar 29 Sept. 015 BCE

The year -14 astronomical counting style corresponds to year 015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 15 BCE
geocentric

NOVEMBER 15 BCE (-14) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 30 36	6♏36'17	17♓25	18°R 3	17°R46	24♎59	4♌37	12♐46	0♒16	18♎10	23♌30	4♎15	2♎35	4♊35	n.a.	T 1
F 2	2 34 33	7°37'13	29°53	17♏ 6	17♏15	25°41	4°41	12°52	0°17	18°12	23°31	4°R16	2°31	4°41	n.a.	F 2
S 3	2 38 29	8°38'09	12♈11	16° 1	16°42	26°24	4°45	12°58	0°18	18°15	23°32	4°16	2°28	4°48	n.a.	S 3
S 4	2 42 26	9°39'07	24°20	14°47	16° 8	27° 7	4°49	13° 5	0°19	18°17	23°33	4°14	2°25	4°55	n.a.	S 4
M 5	2 46 22	10°40'06	6♉22	13°28	15°33	27°49	4°52	13°11	0°20	18°19	23°34	4°10	2°22	5° 2	n.a.	M 5
T 6	2 50 19	11°41'05	18°19	12° 6	14°58	28°32	4°56	13°17	0°21	18°21	23°34	4° 4	2°19	5° 8	n.a.	T 6
W 7	2 54 15	12°42'06	0♊12	10°43	14°21	29°15	4°59	13°24	0°23	18°23	23°35	3°57	2°16	5°15	n.a.	W 7
T 8	2 58 12	13°43'08	12° 3	9°23	13°45	29°58	5° 2	13°30	0°24	18°25	23°36	3°49	2°12	5°22	n.a.	T 8
F 9	3 2 9	14°44'11	23°55	8° 8	13° 8	0♏41	5° 5	13°37	0°25	18°27	23°36	3°41	2° 9	5°28	n.a.	F 9
S 10	3 6 5	15°45'14	5♋49	7° 0	12°32	1°24	5° 8	13°43	0°27	18°29	23°37	3°34	2° 6	5°35	n.a.	S 10
S 11	3 10 2	16°46'19	17°48	6° 1	11°56	2° 7	5°10	13°50	0°28	18°31	23°38	3°28	2° 3	5°42	n.a.	S 11
M12	3 13 58	17°47'26	29°56	5°13	11°22	2°50	5°12	13°56	0°30	18°33	23°38	3°24	2° 0	5°49	n.a.	M12
T 13	3 17 55	18°48'33	12♌16	4°36	10°48	3°33	5°14	14° 3	0°31	18°35	23°39	3°22	1°57	5°55	n.a.	T 13
W14	3 21 51	19°49'41	24°55	4°10	10°15	4°16	5°16	14° 9	0°33	18°37	23°39	3°D22	1°53	6° 2	n.a.	W14
T 15	3 25 48	20°50'50	7♍55	3°55	9°44	4°59	5°18	14°16	0°35	18°39	23°40	3°23	1°50	6° 9	n.a.	T 15
F 16	3 29 44	21°52'00	21°21	3°D51	9°14	5°42	5°20	14°23	0°36	18°41	23°40	3°24	1°47	6°15	n.a.	F 16
S 17	3 33 41	22°53'11	5♎15	3°57	8°46	6°25	5°21	14°30	0°38	18°43	23°41	3°R25	1°44	6°22	n.a.	S 17
S 18	3 37 38	23°54'23	19°38	4°12	8°20	7° 9	5°22	14°36	0°40	18°45	23°41	3°24	1°41	6°29	n.a.	S 18
M19	3 41 34	24°55'35	4♏26	4°35	7°56	7°52	5°23	14°43	0°42	18°47	23°41	3°20	1°37	6°36	n.a.	M19
T 20	3 45 31	25°56'49	19°34	5° 6	7°35	8°36	5°24	14°50	0°44	18°49	23°42	3°14	1°34	6°42	n.a.	T 20
W21	3 49 27	26°58'02	4♐53	5°44	7°16	9°19	5°25	14°57	0°45	18°51	23°42	3° 7	1°31	6°49	n.a.	W21
T 22	3 53 24	27°59'17	20°10	6°28	6°59	10° 3	5°25	15° 4	0°47	18°53	23°42	2°58	1°28	6°56	n.a.	T 22
F 23	3 57 20	29° 0'31	5♑16	7°18	6°44	10°46	5°R25	15°10	0°49	18°55	23°42	2°49	1°25	7° 2	n.a.	F 23
S 24	4 1 17	0♐ 1'46	20° 0	8°12	6°32	11°30	5°25	15°17	0°52	18°56	23°42	2°42	1°22	7° 9	n.a.	S 24
S 25	4 5 13	1° 3'01	4♒18	9°10	6°22	12°13	5°25	15°24	0°54	18°58	23°43	2°36	1°18	7°16	n.a.	S 25
M26	4 9 10	2° 4'16	18° 6	10°12	6°15	12°57	5°25	15°31	0°56	19° 0	23°43	2°33	1°15	7°22	n.a.	M26
T 27	4 13 7	3° 5'31	1♓27	11°17	6°10	13°41	5°24	15°38	0°58	19° 2	23°43	2°D32	1°12	7°29	n.a.	T 27
W28	4 17 3	4° 6'45	14°22	12°26	6°D 8	14°24	5°23	15°45	1° 0	19° 3	23°R43	2°32	1° 9	7°36	n.a.	W28
T 29	4 21 0	5° 8'00	26°57	13°36	6° 8	15° 8	5°22	15°52	1° 2	19° 5	23°43	2°R33	1° 6	7°43	n.a.	T 29
F 30	4 24 56	6♐ 9'14	9♈16	14♏49	6♏11	15♏52	5♌21	15♐59	1♒ 5	19♎ 7	23♌43	2♎33	1♎ 2	7♊49	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s52	3s38	1n31	18s 8	0s46	21s 7	3s58	9s28	0n20	20n 6	0n49	21s46	0n49	20s57	0s40	5s27	1n54	27n37	14n42	1s42	1s 2	16n49		n.a.
F 2	14 12	0n19	0 24	17 34	0 28	20 46	3 46	9 44	0 19	20 5	0 49	21 47	0 49	20 57	0 40	5 28	1 54	27 37	14 42	1 43	1 1	16 50		n.a.
S 3	14 32	4 12	0s43	16 56	0 8	20 25	3 34	10 0	0 18	20 4	0 49	21 48	0 48	20 57	0 40	5 29	1 54	27 37	14 43	1 43	1 0	16 50		n.a.
S 4	14 52	7 52	1 47	16 15	0n13	20 2	3 20	10 16	0 18	20 4	0 49	21 49	0 48	20 56	0 40	5 29	1 54	27 37	14 43	1 42	0 58	16 51		n.a.
M 5	15 11	11 10	2 46	15 31	0 33	19 39	3 7	10 33	0 17	20 3	0 50	21 50	0 48	20 56	0 40	5 30	1 54	27 37	14 44	1 40	0 57	16 52		n.a.
T 6	15 30	14 0	3 37	14 47	0 53	19 14	2 53	10 48	0 17	20 3	0 50	21 50	0 48	20 56	0 40	5 31	1 54	27 38	14 44	1 38	0 56	16 53		n.a.
W 7	15 49	16 13	4 18	14 3	1 13	18 50	2 38	11 4	0 16	20 2	0 50	21 51	0 48	20 56	0 39	5 32	1 54	27 38	14 45	1 35	0 54	16 53		n.a.
T 8	16 7	17 44	4 47	13 20	1 31	18 24	2 23	11 20	0 15	20 2	0 50	21 52	0 48	20 55	0 39	5 33	1 54	27 38	14 45	1 32	0 53	16 54		n.a.
F 9	16 26	18 29	5 5	12 40	1 48	17 59	2 8	11 36	0 15	20 1	0 51	21 53	0 48	20 55	0 39	5 33	1 54	27 38	14 46	1 29	0 52	16 55		n.a.
S 10	16 44	18 25	5 9	12 4	2 3	17 33	1 53	11 52	0 14	20 1	0 51	21 54	0 48	20 55	0 39	5 34	1 54	27 39	14 46	1 26	0 51	16 56		n.a.
S 11	17 2	17 33	4 59	11 33	2 15	17 7	1 37	12 7	0 14	20 0	0 51	21 55	0 48	20 54	0 39	5 35	1 54	27 39	14 47	1 24	0 49	16 57		n.a.
M12	17 19	15 52	4 37	11 7	2 25	16 41	1 21	12 23	0 13	20 0	0 51	21 56	0 47	20 54	0 39	5 36	1 54	27 39	14 47	1 22	0 48	16 57		n.a.
T 13	17 36	13 27	4 1	10 47	2 34	16 16	1 6	12 38	0 12	20 0	0 52	21 57	0 47	20 54	0 39	5 36	1 54	27 39	14 48	1 21	0 47	16 58		n.a.
W14	17 53	10 20	3 13	10 32	2 40	15 50	0 50	12 54	0 12	19 59	0 52	21 58	0 47	20 53	0 39	5 37	1 54	27 40	14 48	1 21	0 46	16 59		n.a.
T 15	18 9	6 38	2 13	10 23	2 44	15 26	0 35	13 9	0 11	19 59	0 52	21 58	0 47	20 53	0 39	5 38	1 54	27 40	14 49	1 22	0 44	17 0		n.a.
F 16	18 26	2 29	1 5	10 20	2 46	15 2	0 19	13 24	0 11	19 59	0 52	21 59	0 47	20 52	0 39	5 38	1 54	27 40	14 49	1 22	0 43	17 0		n.a.
S 17	18 41	1s57	0n10	10 21	2 47	14 38	0 4	13 39	0 10	19 59	0 53	22 0	0 47	20 52	0 39	5 39	1 54	27 41	14 50	1 22	0 42	17 1		n.a.
S 18	18 57	6 26	1 26	10 26	2 47	14 16	0n11	13 54	0 9	19 59	0 53	22 1	0 47	20 52	0 39	5 40	1 54	27 41	14 50	1 22	0 40	17 2		n.a.
M19	19 12	10 39	2 39	10 36	2 45	13 54	0 25	14 9	0 9	19 59	0 53	22 2	0 47	20 51	0 39	5 41	1 54	27 41	14 51	1 20	0 39	17 3		n.a.
T 20	19 27	14 15	3 42	10 49	2 42	13 34	0 39	14 23	0 8	19 59	0 54	22 3	0 47	20 51	0 39	5 41	1 54	27 42	14 52	1 18	0 38	17 3		n.a.
W21	19 41	16 55	4 30	11 5	2 38	13 15	0 53	14 38	0 7	19 59	0 54	22 4	0 47	20 50	0 39	5 42	1 54	27 42	14 52	1 15	0 37	17 4		n.a.
T 22	19 55	18 22	4 58	11 24	2 34	12 56	1 7	14 53	0 7	19 59	0 54	22 5	0 47	20 50	0 39	5 43	1 54	27 43	14 53	1 11	0 35	17 5		n.a.
F 23	20 9	18 30	5 5	11 45	2 29	12 39	1 19	15 7	0 6	20 0	0 54	22 5	0 46	20 49	0 39	5 43	1 54	27 43	14 53	1 8	0 34	17 6		n.a.
S 24	20 22	17 23	4 52	12 8	2 23	12 24	1 32	15 21	0 5	20 0	0 55	22 6	0 46	20 49	0 39	5 44	1 54	27 43	14 54	1 5	0 33	17 6		n.a.
S 25	20 35	15 10	4 20	12 33	2 17	12 9	1 44	15 35	0 5	20 0	0 55	22 7	0 46	20 48	0 39	5 45	1 54	27 44	14 54	1 3	0 31	17 7		n.a.
M26	20 48	12 10	3 35	12 59	2 10	11 56	1 55	15 49	0 4	20 1	0 55	22 8	0 46	20 48	0 39	5 45	1 55	27 44	14 55	1 2	0 30	17 8		n.a.
T 27	21 0	8 37	2 38	13 26	2 3	11 44	2 6	16 3	0 3	20 1	0 55	22 9	0 46	20 47	0 39	5 46	1 55	27 45	14 55	1 1	0 29	17 8		n.a.
W28	21 12	4 45	1 36	13 54	1 56	11 33	2 17	16 17	0 3	20 1	0 56	22 10	0 46	20 47	0 39	5 46	1 55	27 45	14 56	1 1	0 28	17 9		n.a.
T 29	21 23	0 46	0 30	14 22	1 48	11 24	2 27	16 31	0 2	20 2	0 56	22 10	0 46	20 46	0 39	5 47	1 55	27 46	14 56	1 2	0 26	17 10		n.a.
F 30	21s34	3n10	0s36	14s51	1n41	11s16	2n37	16s44	0n 2	20n 2	0n56	22s11	0n46	20s46	0s39	5s48	1n55	27n46	14n57	1s 1	0s25	17n11		n.a.

Julian Day Number = 1716248.5, Delta T = 02h58m14s
Ecliptic obliquity = 23°41'39, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°15'27, Lahiri = - 4°08'27 Julian Calendar 1 Nov. 15 BCE == Greg. Calendar 30 Oct. 015 BCE

The year -14 astronomical counting style corresponds to year 015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 15 BCE
geocentric

DECEMBER 15 BCE (-14) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 28 53	7♐10'28	21♈23	16♏ 4	6♏16	16♏36	5°R20	16♐ 6	1♒ 7	19♎ 9	23°R43	2°R31	0♎59	7♊56	n.a.	S 1
S 2	4 32 49	8°11'42	3♉21	17°21	6°24	17°20	5♌18	16°13	1° 9	19°10	23♌43	2♎27	0°56	8° 3	n.a.	S 2
M 3	4 36 46	9°12'56	15°16	18°39	6°33	18° 4	5°16	16°20	1°12	19°12	23°42	2°19	0°53	8° 9	n.a.	M 3
T 4	4 40 42	10°14'10	27° 7	19°58	6°45	18°48	5°14	16°27	1°14	19°13	23°42	2° 9	0°50	8°16	n.a.	T 4
W 5	4 44 39	11°15'24	8♊59	21°19	6°59	19°32	5°12	16°34	1°17	19°15	23°42	1°57	0°47	8°23	n.a.	W 5
T 6	4 48 36	12°16'38	20°52	22°41	7°15	20°16	5°10	16°41	1°19	19°16	23°42	1°43	0°43	8°30	n.a.	T 6
F 7	4 52 32	13°17'51	2♋47	24° 4	7°34	21° 0	5° 7	16°49	1°22	19°18	23°42	1°29	0°40	8°36	n.a.	F 7
S 8	4 56 29	14°19'05	14°46	25°28	7°54	21°44	5° 5	16°56	1°24	19°19	23°41	1°16	0°37	8°43	n.a.	S 8
S 9	5 0 25	15°20'18	26°50	26°52	8°16	22°28	5° 2	17° 3	1°27	19°21	23°41	1° 5	0°34	8°50	n.a.	S 9
M10	5 4 22	16°21'32	9♌ 2	28°18	8°40	23°12	4°59	17°10	1°30	19°22	23°41	0°56	0°31	8°56	n.a.	M10
T 11	5 8 18	17°22'45	21°24	29°44	9° 6	23°57	4°55	17°17	1°32	19°24	23°40	0°51	0°28	9° 3	n.a.	T 11
W12	5 12 15	18°23'58	4♍ 1	1♐11	9°33	24°41	4°52	17°24	1°35	19°25	23°40	0°48	0°24	9°10	n.a.	W12
T 13	5 16 12	19°25'11	16°55	2°39	10° 3	25°25	4°48	17°31	1°38	19°27	23°39	0°D47	0°21	9°17	n.a.	T 13
F 14	5 20 8	20°26'24	0♎11	4° 7	10°33	26°10	4°44	17°38	1°41	19°28	23°39	0°R47	0°18	9°23	n.a.	F 14
S 15	5 24 5	21°27'37	13°53	5°36	11° 6	26°54	4°40	17°45	1°43	19°29	23°38	0°47	0°15	9°30	n.a.	S 15
S 16	5 28 1	22°28'49	28° 2	7° 5	11°40	27°39	4°36	17°52	1°46	19°30	23°38	0°45	0°12	9°37	n.a.	S 16
M17	5 31 58	23°30'01	12♏37	8°35	12°15	28°23	4°32	17°59	1°49	19°32	23°37	0°40	0° 8	9°43	n.a.	M17
T 18	5 35 54	24°31'13	27°36	10° 6	12°52	29° 8	4°27	18° 6	1°52	19°33	23°37	0°32	0° 5	9°50	n.a.	T 18
W19	5 39 51	25°32'25	12♐50	11°37	13°30	29°52	4°23	18°13	1°55	19°34	23°36	0°22	0° 2	9°57	n.a.	W19
T 20	5 43 47	26°33'36	28° 9	13° 8	14° 9	0♑37	4°18	18°21	1°58	19°35	23°35	0°10	29♍59	10° 4	n.a.	T 20
F 21	5 47 44	27°34'46	13♑22	14°40	14°49	1°21	4°13	18°28	2° 1	19°36	23°35	29♍58	29°56	10°10	n.a.	F 21
S 22	5 51 41	28°35'56	28°17	16°13	15°31	2° 6	4° 8	18°35	2° 4	19°37	23°34	29°48	29°53	10°17	n.a.	S 22
S 23	5 55 37	29°37'04	12♒46	17°46	16°13	2°51	4° 2	18°42	2° 7	19°38	23°33	29°40	29°49	10°24	n.a.	S 23
M24	5 59 34	0♑38'12	26°46	19°20	16°57	3°36	3°57	18°49	2°10	19°39	23°32	29°34	29°46	10°31	n.a.	M24
T 25	6 3 30	1°39'18	10♓16	20°55	17°42	4°21	3°51	18°56	2°13	19°40	23°31	29°31	29°43	10°37	n.a.	T 25
W26	6 7 27	2°40'23	23°17	22°30	18°28	5° 5	3°45	19° 3	2°16	19°41	23°31	29°31	29°40	10°44	n.a.	W26
T 27	6 11 23	3°41'27	5♈54	24° 5	19°14	5°50	3°39	19°10	2°19	19°42	23°30	29°30	29°37	10°51	n.a.	T 27
F 28	6 15 20	4°42'29	18°13	25°41	20° 2	6°35	3°33	19°16	2°22	19°43	23°29	29°30	29°34	10°57	n.a.	F 28
S 29	6 19 16	5°43'31	0♉17	27°18	20°50	7°20	3°27	19°23	2°26	19°44	23°28	29°28	29°30	11° 4	n.a.	S 29
S 30	6 23 13	6°44'31	12°12	28°56	21°40	8° 5	3°21	19°30	2°29	19°45	23°27	29°23	29°27	11°11	n.a.	S 30
M31	6 27 10	7♑45'30	24♉ 3	0♑34	22♏30	8♐50	3♌14	19♐37	2♒32	19♎46	23♌26	29♍16	29♍24	11♊18	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s44	6n54	1s39	15s20	1n33	11s 9	2n46	16s58	0n 1	20n 3	0n56	22s12	0n46	20s45	0s39	5s48	1n55	27n47	14n57	1s 1	0s24	17n11		n.a.
S 2	21 54	10 19	2 36	15 49	1 25	11 3	2 54	17 11	0 0	20 4	0 57	22 13	0 46	20 45	0 39	5 49	1 55	27 47	14 58	0 59	0 23	17 12		n.a.
M 3	22 4	13 18	3 26	16 19	1 18	10 59	3 2	17 24	0s 0	20 4	0 57	22 14	0 46	20 44	0 39	5 49	1 55	27 48	14 58	0 56	0 21	17 13		n.a.
T 4	22 13	15 43	4 7	16 48	1 10	10 56	3 10	17 37	0 1	20 5	0 57	22 15	0 46	20 44	0 39	5 50	1 55	27 48	14 59	0 52	0 20	17 14		n.a.
W 5	22 22	17 28	4 38	17 17	1 2	10 54	3 17	17 50	0 2	20 6	0 58	22 15	0 45	20 43	0 39	5 51	1 55	27 49	14 59	0 47	0 19	17 14		n.a.
T 6	22 30	18 28	4 56	17 46	0 54	10 53	3 23	18 2	0 2	20 7	0 58	22 16	0 45	20 42	0 39	5 51	1 55	27 50	15 0	0 41	0 17	17 15		n.a.
F 7	22 38	18 39	5 1	18 15	0 46	10 53	3 30	18 15	0 3	20 8	0 58	22 17	0 45	20 42	0 39	5 52	1 55	27 50	15 0	0 36	0 16	17 16		n.a.
S 8	22 46	18 1	4 53	18 43	0 38	10 54	3 35	18 27	0 4	20 9	0 58	22 18	0 45	20 41	0 39	5 52	1 55	27 51	15 1	0 30	0 15	17 16		n.a.
S 9	22 53	16 34	4 32	19 10	0 30	10 56	3 41	18 39	0 5	20 10	0 59	22 18	0 45	20 41	0 39	5 53	1 55	27 51	15 1	0 26	0 14	17 17		n.a.
M10	22 59	14 22	3 58	19 37	0 23	10 59	3 46	18 51	0 5	20 11	0 59	22 19	0 45	20 40	0 39	5 53	1 55	27 52	15 2	0 23	0 12	17 18		n.a.
T 11	23 5	11 29	3 12	20 4	0 15	11 3	3 50	19 3	0 6	20 12	0 59	22 20	0 45	20 39	0 39	5 54	1 55	27 53	15 2	0 20	0 11	17 18		n.a.
W12	23 11	8 1	2 17	20 29	0 8	11 7	3 54	19 15	0 7	20 13	0 59	22 21	0 45	20 39	0 39	5 54	1 55	27 53	15 3	0 19	0 10	17 19		n.a.
T 13	23 16	4 6	1 13	20 54	0 0	11 13	3 58	19 26	0 7	20 14	1 0	22 21	0 45	20 38	0 39	5 55	1 55	27 54	15 3	0 19	0 9	17 20		n.a.
F 14	23 21	0s 7	0 3	21 18	0s 7	11 19	4 2	19 38	0 8	20 15	1 0	22 22	0 45	20 37	0 39	5 55	1 55	27 54	15 4	0 19	0 7	17 20		n.a.
S 15	23 25	4 29	1n 9	21 42	0 14	11 26	4 5	19 49	0 9	20 16	1 0	22 23	0 45	20 37	0 39	5 55	1 55	27 55	15 4	0 19	0 6	17 21		n.a.
S 16	23 29	8 44	2 19	22 4	0 21	11 34	4 8	20 0	0 9	20 18	1 0	22 24	0 45	20 36	0 39	5 56	1 56	27 56	15 5	0 18	0 5	17 22		n.a.
M17	23 32	12 35	3 22	22 26	0 28	11 42	4 10	20 10	0 10	20 19	1 1	22 24	0 45	20 36	0 39	5 56	1 56	27 56	15 5	0 16	0 3	17 22		n.a.
T 18	23 35	15 44	4 13	22 46	0 35	11 51	4 12	20 21	0 11	20 20	1 1	22 25	0 45	20 35	0 39	5 57	1 56	27 57	15 6	0 13	0 2	17 23		n.a.
W19	23 37	17 51	4 46	23 6	0 41	12 1	4 14	20 31	0 11	20 22	1 1	22 26	0 44	20 34	0 39	5 57	1 56	27 58	15 6	0 9	0 1	17 24		n.a.
T 20	23 39	18 41	5 0	23 24	0 47	12 11	4 16	20 42	0 12	20 23	1 1	22 26	0 44	20 33	0 39	5 57	1 56	27 58	15 7	0 4	0n 0	17 24		n.a.
F 21	23 40	18 10	4 52	23 41	0 54	12 22	4 17	20 52	0 13	20 24	1 2	22 27	0 44	20 33	0 38	5 58	1 56	27 59	15 7	0n 1	0 2	17 25		n.a.
S 22	23 41	16 25	4 24	23 58	1 0	12 33	4 18	21 1	0 14	20 26	1 2	22 28	0 44	20 32	0 38	5 58	1 56	28 0	15 8	0 5	0 3	17 26		n.a.
S 23	23 42	13 38	3 40	24 13	1 5	12 44	4 19	21 11	0 14	20 27	1 2	22 28	0 44	20 31	0 38	5 59	1 56	28 0	15 8	0 8	0 4	17 26		n.a.
M24	23 42	10 9	2 44	24 26	1 11	12 56	4 19	21 20	0 15	20 29	1 2	22 29	0 44	20 31	0 38	5 59	1 56	28 1	15 9	0 10	0 6	17 27		n.a.
T 25	23 41	6 16	1 40	24 39	1 16	13 8	4 20	21 30	0 16	20 30	1 3	22 30	0 44	20 30	0 38	5 59	1 56	28 2	15 9	0 12	0 7	17 28		n.a.
W26	23 40	2 11	0 33	24 50	1 21	13 21	4 20	21 39	0 16	20 32	1 3	22 30	0 44	20 29	0 38	6 0	1 56	28 3	15 10	0 12	0 8	17 28		n.a.
T 27	23 39	1n51	0s34	25 0	1 26	13 34	4 20	21 47	0 17	20 34	1 3	22 31	0 44	20 29	0 38	6 0	1 56	28 3	15 10	0 12	0 9	17 29		n.a.
F 28	23 37	5 43	1 37	25 8	1 31	13 47	4 19	21 56	0 18	20 35	1 3	22 31	0 44	20 28	0 38	6 0	1 56	28 4	15 10	0 12	0 11	17 30		n.a.
S 29	23 34	9 16	2 35	25 15	1 35	14 0	4 18	22 4	0 19	20 37	1 3	22 32	0 44	20 27	0 38	6 0	1 56	28 5	15 11	0 13	0 12	17 30		n.a.
S 30	23 31	12 24	3 25	25 20	1 39	14 13	4 18	22 12	0 19	20 39	1 4	22 33	0 44	20 26	0 38	6 1	1 56	28 5	15 11	0 15	0 13	17 31		n.a.
M31	23s28	15n 1	4s 6	25s24	1s43	14s27	4n17	22s20	0s20	20n40	1n 4	22s33	0n44	20s26	0s38	6s 1	1n56	28n 6	15n12	0n18	0n14	17n32		n.a.

Julian Day Number = 1716278.5, Delta T = 02h58m13s
Ecliptic obliquity = 23°41'38, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°15'23, Lahiri = - 4°08'23 Julian Calendar 1 Dec. 15 BCE == Greg. Calendar 29 Nov. 015 BCE

The year -14 astronomical counting style corresponds to year 015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 14 BCE
geocentric

JANUARY 14 BCE (-13) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 31 6	8♑46'28	5♊53	2♑12	23♏20	9♐35	3°R 8	19♐44	2♒35	19♎47	23°R25	29°R 5	29♍21	11♊24	n.a.	T 1
W 2	6 35 3	9°47'24	17°45	3°52	24°12	10°20	3♌ 1	19°51	2°38	19°47	23♌24	28♍53	29°18	11°31	n.a.	W 2
T 3	6 38 59	10°48'19	29°41	5°32	25° 4	11° 5	2°54	19°58	2°42	19°48	23°23	28°38	29°14	11°38	n.a.	T 3
F 4	6 42 56	11°49'13	11♋43	7°13	25°57	11°50	2°48	20° 4	2°45	19°49	23°22	28°24	29°11	11°44	n.a.	F 4
S 5	6 46 52	12°50'06	23°51	8°54	26°51	12°36	2°41	20°11	2°48	19°49	23°21	28°10	29° 8	11°51	n.a.	S 5
S 6	6 50 49	13°50'57	6♌ 6	10°37	27°45	13°21	2°33	20°18	2°52	19°50	23°19	27°59	29° 5	11°58	n.a.	S 6
M 7	6 54 45	14°51'48	18°30	12°20	28°40	14° 6	2°26	20°24	2°55	19°50	23°18	27°50	29° 2	12° 5	n.a.	M 7
T 8	6 58 42	15°52'37	1♍ 3	14° 3	29°36	14°51	2°19	20°31	2°58	19°51	23°17	27°44	28°59	12°11	n.a.	T 8
W 9	7 2 39	16°53'25	13°48	15°48	0♐32	15°37	2°12	20°38	3° 2	19°51	23°16	27°41	28°55	12°18	n.a.	W 9
T 10	7 6 35	17°54'11	26°47	17°33	1°28	16°22	2° 4	20°44	3° 5	19°52	23°15	27°D40	28°52	12°25	n.a.	T 10
F 11	7 10 32	18°54'57	10♎ 2	19°19	2°25	17° 7	1°57	20°51	3° 8	19°52	23°14	27°40	28°49	12°31	n.a.	F 11
S 12	7 14 28	19°55'42	23°37	21° 6	3°23	17°53	1°49	20°57	3°12	19°53	23°12	27°R41	28°46	12°38	n.a.	S 12
S 13	7 18 25	20°56'25	7♏34	22°54	4°21	18°38	1°42	21° 4	3°15	19°53	23°11	27°39	28°43	12°45	n.a.	S 13
M14	7 22 21	21°57'07	21°52	24°42	5°20	19°23	1°34	21°10	3°19	19°53	23°10	27°36	28°40	12°52	n.a.	M14
T 15	7 26 18	22°57'48	6♐30	26°31	6°19	20° 9	1°26	21°17	3°22	19°54	23° 8	27°30	28°36	12°58	n.a.	T 15
W16	7 30 14	23°58'28	21°23	28°20	7°18	20°54	1°18	21°23	3°25	19°54	23° 7	27°22	28°33	13° 5	n.a.	W16
T 17	7 34 11	24°59'06	6♑24	0♒10	8°18	21°40	1°11	21°29	3°29	19°54	23° 6	27°12	28°30	13°12	n.a.	T 17
F 18	7 38 8	25°59'43	21°23	2° 1	9°18	22°26	1° 3	21°36	3°32	19°54	23° 4	27° 2	28°27	13°18	n.a.	F 18
S 19	7 42 4	27° 0'19	6♒11	3°52	10°19	23°11	0°55	21°42	3°36	19°55	23° 3	26°53	28°24	13°25	n.a.	S 19
S 20	7 46 1	28° 0'52	20°39	5°43	11°20	23°57	0°47	21°48	3°39	19°55	23° 2	26°46	28°20	13°32	n.a.	S 20
M21	7 49 57	29° 1'24	4♓42	7°34	12°21	24°42	0°39	21°54	3°43	19°55	23° 0	26°42	28°17	13°39	n.a.	M21
T 22	7 53 54	0♒ 1'53	18°17	9°26	13°23	25°28	0°31	22° 0	3°46	19°55	22°59	26°39	28°14	13°45	n.a.	T 22
W23	7 57 50	1° 2'21	1♈25	11°17	14°25	26°14	0°23	22° 6	3°50	19°R55	22°57	26°D39	28°11	13°52	n.a.	W23
T 24	8 1 47	2° 2'47	14° 8	13° 7	15°27	26°59	0°15	22°12	3°53	19°55	22°56	26°40	28° 8	13°59	n.a.	T 24
F 25	8 5 43	3° 3'10	26°31	14°57	16°30	27°45	0° 7	22°18	3°56	19°55	22°54	26°41	28° 5	14° 5	n.a.	F 25
S 26	8 9 40	4° 3'32	8♉39	16°46	17°33	28°31	29♋59	22°24	4° 0	19°55	22°53	26°R41	28° 1	14°12	n.a.	S 26
S 27	8 13 37	5° 3'52	20°36	18°33	18°36	29°17	29°52	22°30	4° 3	19°55	22°51	26°39	27°58	14°19	n.a.	S 27
M28	8 17 33	6° 4'09	2♊27	20°18	19°40	0♑ 2	29°44	22°36	4° 7	19°55	22°50	26°36	27°55	14°26	n.a.	M28
T 29	8 21 30	7° 4'25	14°18	22° 1	20°43	0°48	29°36	22°42	4°10	19°54	22°48	26°30	27°52	14°32	n.a.	T 29
W30	8 25 26	8° 4'38	26°12	23°41	21°47	1°34	29°28	22°47	4°14	19°54	22°47	26°22	27°49	14°39	n.a.	W30
T 31	8 29 23	9♒ 4'49	8♋12	25♒18	22♐52	2♑20	29♋20	22♐53	4♒17	19♎54	22♌45	26♍14	27♍46	14♊46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23 s24	16n59	4 s36	25 s27	1 s46	14 s41	4n15	22 s28	0 s21	20n42	1n 4	22 s34	0n44	20 s25	0 s38	6 s 1	1n57	28n 7	15n12	0n22	0n16	17n32			n.a.
W 2	23 20	18 14	4 54	25 28	1 50	14 55	4 14	22 35	0 21	20 44	1 4	22 34	0 44	20 24	0 38	6 1	1 57	28 8	15 13	0 27	0 17	17 33			n.a.
T 3	23 15	18 42	5 0	25 27	1 52	15 9	4 13	22 42	0 22	20 46	1 4	22 35	0 44	20 23	0 38	6 2	1 57	28 8	15 13	0 33	0 18	17 33			n.a.
F 4	23 10	18 19	4 52	25 24	1 55	15 23	4 11	22 49	0 23	20 48	1 5	22 36	0 44	20 22	0 38	6 2	1 57	28 9	15 13	0 39	0 20	17 34			n.a.
S 5	23 4	17 7	4 31	25 20	1 57	15 37	4 9	22 56	0 24	20 49	1 5	22 36	0 44	20 22	0 38	6 2	1 57	28 10	15 14	0 44	0 21	17 35			n.a.
S 6	22 58	15 7	3 57	25 14	1 59	15 51	4 7	23 3	0 24	20 51	1 5	22 37	0 44	20 21	0 38	6 2	1 57	28 11	15 14	0 49	0 22	17 35			n.a.
M 7	22 51	12 24	3 12	25 7	2 0	16 6	4 5	23 9	0 25	20 53	1 5	22 37	0 44	20 20	0 38	6 2	1 57	28 11	15 14	0 52	0 23	17 36			n.a.
T 8	22 44	9 6	2 16	24 57	2 1	16 20	4 3	23 15	0 26	20 55	1 5	22 38	0 43	20 19	0 38	6 2	1 57	28 12	15 15	0 55	0 25	17 37			n.a.
W 9	22 37	5 19	1 13	24 46	2 2	16 34	4 0	23 21	0 26	20 57	1 6	22 38	0 43	20 19	0 38	6 2	1 57	28 13	15 15	0 56	0 26	17 37			n.a.
T 10	22 29	1 13	0 5	24 33	2 2	16 48	3 57	23 26	0 27	20 59	1 6	22 39	0 43	20 18	0 38	6 3	1 57	28 14	15 16	0 56	0 27	17 38			n.a.
F 11	22 21	3 s 1	1n 5	24 17	2 2	17 2	3 55	23 32	0 28	21 0	1 6	22 39	0 43	20 17	0 38	6 3	1 57	28 14	15 16	0 56	0 29	17 38			n.a.
S 12	22 12	7 12	2 13	24 0	2 1	17 16	3 52	23 37	0 29	21 2	1 6	22 40	0 43	20 16	0 38	6 3	1 57	28 15	15 16	0 56	0 30	17 39			n.a.
S 13	22 3	11 6	3 15	23 42	2 0	17 29	3 49	23 41	0 29	21 4	1 6	22 40	0 43	20 15	0 38	6 3	1 57	28 16	15 17	0 56	0 31	17 40			n.a.
M14	21 53	14 27	4 7	23 21	1 58	17 43	3 46	23 46	0 30	21 6	1 6	22 41	0 43	20 15	0 38	6 3	1 57	28 17	15 17	0 58	0 32	17 40			n.a.
T 15	21 43	16 58	4 43	22 58	1 56	17 56	3 43	23 50	0 31	21 8	1 7	22 41	0 43	20 14	0 38	6 3	1 57	28 17	15 17	1 0	0 34	17 41			n.a.
W16	21 33	18 24	5 2	22 33	1 53	18 9	3 40	23 54	0 32	21 10	1 7	22 42	0 43	20 13	0 38	6 3	1 58	28 18	15 18	1 3	0 35	17 41			n.a.
T 17	21 22	18 33	4 59	22 6	1 49	18 22	3 36	23 58	0 32	21 12	1 7	22 42	0 43	20 12	0 38	6 3	1 58	28 19	15 18	1 7	0 36	17 42			n.a.
F 18	21 10	17 25	4 37	21 38	1 45	18 35	3 33	24 1	0 33	21 14	1 7	22 42	0 43	20 11	0 38	6 3	1 58	28 20	15 18	1 11	0 37	17 43			n.a.
S 19	20 59	15 7	3 56	21 7	1 41	18 47	3 29	24 5	0 34	21 16	1 7	22 43	0 43	20 11	0 38	6 3	1 58	28 21	15 18	1 15	0 39	17 43			n.a.
S 20	20 47	11 55	3 0	20 35	1 35	18 59	3 26	24 8	0 34	21 17	1 7	22 43	0 43	20 10	0 38	6 3	1 58	28 21	15 19	1 18	0 40	17 44			n.a.
M21	20 34	8 7	1 55	20 1	1 29	19 11	3 22	24 10	0 35	21 19	1 7	22 44	0 43	20 9	0 38	6 3	1 58	28 22	15 19	1 20	0 41	17 44			n.a.
T 22	20 22	4 0	0 45	19 25	1 23	19 22	3 18	24 13	0 36	21 21	1 7	22 44	0 43	20 8	0 38	6 3	1 58	28 23	15 19	1 21	0 43	17 45			n.a.
W23	20 8	0n11	0 s26	18 47	1 15	19 33	3 14	24 15	0 37	21 23	1 8	22 45	0 43	20 7	0 38	6 3	1 58	28 24	15 19	1 21	0 44	17 45			n.a.
T 24	19 55	4 13	1 32	18 8	1 7	19 44	3 10	24 17	0 37	21 25	1 8	22 45	0 43	20 6	0 38	6 3	1 58	28 24	15 20	1 20	0 45	17 46			n.a.
F 25	19 41	7 57	2 33	17 27	0 59	19 55	3 6	24 19	0 38	21 27	1 8	22 45	0 43	20 6	0 38	6 3	1 58	28 25	15 20	1 20	0 46	17 47			n.a.
S 26	19 27	11 17	3 26	16 46	0 49	20 5	3 2	24 20	0 39	21 28	1 8	22 46	0 43	20 5	0 38	6 3	1 58	28 26	15 20	1 20	0 48	17 47			n.a.
S 27	19 12	14 6	4 9	16 3	0 39	20 14	2 58	24 21	0 40	21 30	1 8	22 46	0 43	20 4	0 38	6 3	1 58	28 26	15 20	1 21	0 49	17 48			n.a.
M28	18 57	16 17	4 40	15 19	0 28	20 24	2 54	24 22	0 40	21 32	1 8	22 46	0 43	20 3	0 38	6 2	1 58	28 27	15 21	1 22	0 50	17 48			n.a.
T 29	18 42	17 48	5 0	14 35	0 17	20 33	2 50	24 23	0 41	21 34	1 8	22 47	0 43	20 2	0 38	6 2	1 58	28 28	15 21	1 24	0 51	17 49			n.a.
W30	18 26	18 32	5 7	13 50	0 5	20 41	2 46	24 23	0 42	21 35	1 8	22 47	0 43	20 2	0 38	6 2	1 58	28 29	15 21	1 27	0 53	17 49			n.a.
T 31	18 s11	18n26	5 s 0	13 s 6	0n 8	20 s49	2n41	24 s23	0 s43	21n37	1n 8	22 s47	0n43	20 s 1	0 s38	6 s 2	1n59	28n29	15n21	1n31	0n54	17n50			n.a.

Julian Day Number = 1716309.5, Delta T = 02h58m12s
Ecliptic obliquity = 23°41'38, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°15'19, Lahiri = - 4°08'18 Julian Calendar 1 Jan. 14 BCE == Greg. Calendar 30 Dec. 015 BCE

The year -13 astronomical counting style corresponds to year 014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 14 BCE
geocentric

FEBRUARY 14 BCE (-13) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 33 19	10♒ 4'59	20♋21	26♒51	23♐56	3♑ 6	29°R13	22♐59	4♒21	19°R54	22°R44	26°R 4	27♍42	14♊53	n.a.	F 1
S 2	8 37 16	11° 5'06	2♌40	28°19	25° 1	3°52	29♋ 5	23° 4	4°24	19♎53	22♌42	25♍56	27°39	14°59	n.a.	S 2
S 3	8 41 12	12° 5'11	15° 9	29°42	26° 6	4°38	28°58	23°10	4°28	19°53	22°41	25°49	27°36	15° 6	n.a.	S 3
M 4	8 45 9	13° 5'14	27°50	0♓59	27°11	5°24	28°50	23°15	4°31	19°53	22°39	25°43	27°33	15°13	n.a.	M 4
T 5	8 49 6	14° 5'16	10♍42	2°11	28°16	6°10	28°43	23°20	4°34	19°52	22°37	25°40	27°30	15°19	n.a.	T 5
W 6	8 53 2	15° 5'15	23°46	3°15	29°22	6°55	28°35	23°26	4°38	19°52	22°36	25°D39	27°26	15°26	n.a.	W 6
T 7	8 56 59	16° 5'13	7♎ 1	4°12	0♑28	7°41	28°28	23°31	4°41	19°51	22°34	25°39	27°23	15°33	n.a.	T 7
F 8	9 0 55	17° 5'09	20°30	5° 2	1°34	8°27	28°21	23°36	4°45	19°51	22°33	25°41	27°20	15°40	n.a.	F 8
S 9	9 4 52	18° 5'03	4♏11	5°43	2°40	9°13	28°14	23°41	4°48	19°50	22°31	25°42	27°17	15°46	n.a.	S 9
S 10	9 8 48	19° 4'55	18° 6	6°16	3°46	10° 0	28° 7	23°46	4°51	19°50	22°29	25°R43	27°14	15°53	n.a.	S 10
M11	9 12 45	20° 4'46	2♐15	6°40	4°53	10°46	28° 0	23°51	4°55	19°49	22°28	25°42	27°11	16° 0	n.a.	M11
T 12	9 16 41	21° 4'35	16°35	6°56	5°59	11°32	27°53	23°56	4°58	19°48	22°26	25°40	27° 7	16° 6	n.a.	T 12
W13	9 20 38	22° 4'22	1♑ 4	7°R 3	7° 6	12°18	27°46	24° 1	5° 2	19°48	22°25	25°36	27° 4	16°13	n.a.	W13
T 14	9 24 35	23° 4'07	15°38	7° 1	8°13	13° 4	27°40	24° 5	5° 5	19°47	22°23	25°32	27° 1	16°20	n.a.	T 14
F 15	9 28 31	24° 3'51	0♒10	6°51	9°20	13°50	27°33	24°10	5° 8	19°46	22°21	25°27	26°58	16°27	n.a.	F 15
S 16	9 32 28	25° 3'32	14°34	6°33	10°28	14°36	27°27	24°15	5°12	19°46	22°20	25°22	26°55	16°33	n.a.	S 16
S 17	9 36 24	26° 3'12	28°44	6° 7	11°35	15°22	27°21	24°19	5°15	19°45	22°18	25°19	26°52	16°40	n.a.	S 17
M18	9 40 21	27° 2'49	12♓35	5°35	12°43	16° 8	27°15	24°24	5°18	19°44	22°17	25°17	26°48	16°47	n.a.	M18
T 19	9 44 17	28° 2'24	26° 4	4°56	13°50	16°54	27° 9	24°28	5°21	19°43	22°15	25°D16	26°45	16°54	n.a.	T 19
W20	9 48 14	29° 1'56	9♈11	4°12	14°58	17°41	27° 3	24°32	5°25	19°42	22°13	25°17	26°42	17° 0	n.a.	W20
T 21	9 52 10	0♓ 1'27	21°57	3°25	16° 6	18°27	26°57	24°37	5°28	19°41	22°12	25°18	26°39	17° 7	n.a.	T 21
F 22	9 56 7	1° 0'55	4♉23	2°34	17°14	19°13	26°52	24°41	5°31	19°41	22°10	25°20	26°36	17°14	n.a.	F 22
S 23	10 0 3	2° 0'21	16°34	1°41	18°22	19°59	26°46	24°45	5°34	19°40	22° 9	25°22	26°32	17°20	n.a.	S 23
S 24	10 4 0	2°59'44	28°34	0°47	19°30	20°45	26°41	24°49	5°37	19°39	22° 7	25°R22	26°29	17°27	n.a.	S 24
M25	10 7 57	3°59'05	10♊28	29♒54	20°39	21°31	26°36	24°53	5°41	19°38	22° 5	25°22	26°26	17°34	n.a.	M25
T 26	10 11 53	4°58'23	22°20	29° 2	21°47	22°18	26°31	24°57	5°44	19°37	22° 4	25°21	26°23	17°41	n.a.	T 26
W27	10 15 50	5°57'40	4♋16	28°13	22°56	23° 4	26°26	25° 0	5°47	19°36	22° 2	25°19	26°20	17°47	n.a.	W27
T 28	10 19 46	6♓56'53	16♋19	27♒27	24♑ 5	23♑50	26♋22	25♐ 4	5♒50	19♎35	22♌ 1	25♍17	26♍17	17♊54	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s54	17n31	4s40	12s22	0n21	20s56	2n37	24s23	0s43	21n39	1n 8	22s48	0n43	20s 0	0s38	6s 2	1n59	28n30	15n21	1n35	0n55	17n50		n.a.
S 2	17 38	15 46	4 7	11 38	0 35	21 4	2 33	24 22	0 44	21 40	1 8	22 48	0 43	19 59	0 38	6 2	1 59	28 31	15 22	1 38	0 57	17 51		n.a.
S 3	17 21	13 16	3 21	10 56	0 49	21 10	2 28	24 21	0 45	21 42	1 8	22 48	0 43	19 58	0 38	6 2	1 59	28 31	15 22	1 41	0 58	17 51		n.a.
M 4	17 4	10 5	2 25	10 15	1 4	21 16	2 24	24 20	0 45	21 44	1 9	22 49	0 43	19 57	0 38	6 1	1 59	28 32	15 22	1 43	0 59	17 52		n.a.
T 5	16 47	6 24	1 20	9 36	1 18	21 22	2 19	24 19	0 46	21 45	1 9	22 49	0 43	19 57	0 38	6 1	1 59	28 33	15 22	1 44	1 0	17 53		n.a.
W 6	16 29	2 21	0 10	8 59	1 33	21 27	2 15	24 17	0 47	21 47	1 9	22 49	0 43	19 56	0 38	6 1	1 59	28 34	15 22	1 45	1 2	17 53		n.a.
T 7	16 11	1s53	1n 1	8 24	1 48	21 31	2 10	24 16	0 48	21 48	1 9	22 49	0 43	19 55	0 38	6 1	1 59	28 34	15 22	1 45	1 3	17 54		n.a.
F 8	15 53	6 4	2 11	7 53	2 2	21 35	2 6	24 13	0 48	21 50	1 9	22 50	0 43	19 54	0 38	6 0	1 59	28 35	15 22	1 44	1 4	17 54		n.a.
S 9	15 34	10 0	3 14	7 24	2 16	21 39	2 1	24 11	0 49	21 51	1 9	22 50	0 43	19 53	0 38	6 0	1 59	28 36	15 22	1 44	1 6	17 55		n.a.
S 10	15 16	13 27	4 7	6 59	2 30	21 42	1 57	24 8	0 50	21 53	1 9	22 50	0 42	19 52	0 38	6 0	1 59	28 36	15 23	1 43	1 7	17 55		n.a.
M11	14 57	16 10	4 46	6 38	2 43	21 44	1 52	24 5	0 50	21 54	1 9	22 51	0 42	19 52	0 38	6 0	1 59	28 37	15 23	1 43	1 8	17 56		n.a.
T 12	14 37	17 54	5 8	6 21	2 55	21 46	1 48	24 2	0 51	21 56	1 9	22 51	0 42	19 51	0 38	5 59	1 59	28 37	15 23	1 44	1 9	17 56		n.a.
W13	14 18	18 31	5 10	6 8	3 6	21 47	1 43	23 59	0 52	21 57	1 9	22 51	0 42	19 50	0 38	5 59	1 59	28 38	15 23	1 46	1 11	17 57		n.a.
T 14	13 58	17 55	4 53	6 0	3 16	21 48	1 38	23 55	0 53	21 58	1 9	22 51	0 42	19 49	0 38	5 59	1 59	28 39	15 23	1 48	1 12	17 57		n.a.
F 15	13 38	16 9	4 17	5 55	3 25	21 48	1 34	23 51	0 53	22 0	1 9	22 51	0 42	19 48	0 38	5 58	1 59	28 39	15 23	1 50	1 13	17 58		n.a.
S 16	13 18	13 23	3 24	5 55	3 32	21 48	1 29	23 47	0 54	22 1	1 9	22 52	0 42	19 48	0 38	5 58	2 0	28 40	15 23	1 51	1 14	17 58		n.a.
S 17	12 58	9 51	2 20	6 0	3 38	21 46	1 25	23 42	0 55	22 2	1 9	22 52	0 42	19 47	0 38	5 58	2 0	28 41	15 23	1 53	1 16	17 59		n.a.
M18	12 38	5 51	1 9	6 8	3 42	21 45	1 20	23 37	0 55	22 3	1 9	22 52	0 42	19 46	0 39	5 57	2 0	28 41	15 23	1 54	1 17	17 59		n.a.
T 19	12 17	1 39	0s 4	6 20	3 44	21 43	1 16	23 32	0 56	22 4	1 9	22 52	0 42	19 45	0 39	5 57	2 0	28 42	15 23	1 54	1 18	18 0		n.a.
W20	11 56	2n31	1 16	6 36	3 44	21 40	1 11	23 27	0 57	22 6	1 9	22 53	0 42	19 44	0 39	5 57	2 0	28 42	15 23	1 54	1 20	18 0		n.a.
T 21	11 35	6 27	2 21	6 55	3 42	21 36	1 7	23 21	0 57	22 7	1 9	22 53	0 42	19 44	0 39	5 56	2 0	28 43	15 23	1 53	1 21	18 1		n.a.
F 22	11 14	10 0	3 19	7 16	3 39	21 32	1 2	23 16	0 58	22 8	1 9	22 53	0 42	19 43	0 39	5 56	2 0	28 43	15 23	1 52	1 22	18 1		n.a.
S 23	10 52	13 3	4 6	7 40	3 33	21 28	0 58	23 10	0 59	22 9	1 9	22 53	0 42	19 42	0 39	5 55	2 0	28 44	15 23	1 52	1 23	18 2		n.a.
S 24	10 31	15 29	4 41	8 6	3 26	21 23	0 53	23 3	1 0	22 10	1 9	22 53	0 42	19 41	0 39	5 55	2 0	28 44	15 23	1 51	1 25	18 2		n.a.
M25	10 9	17 14	5 4	8 33	3 17	21 17	0 49	22 57	1 0	22 11	1 9	22 53	0 42	19 41	0 39	5 55	2 0	28 45	15 23	1 51	1 26	18 3		n.a.
T 26	9 47	18 14	5 14	9 1	3 7	21 10	0 45	22 50	1 1	22 12	1 8	22 54	0 42	19 40	0 39	5 54	2 0	28 45	15 23	1 52	1 27	18 3		n.a.
W27	9 25	18 27	5 11	9 29	2 55	21 3	0 40	22 43	1 2	22 12	1 8	22 54	0 42	19 39	0 39	5 54	2 0	28 46	15 23	1 53	1 28	18 4		n.a.
T 28	9s 3	17n49	4s54	9s57	2n42	20s56	0n36	22s35	1s 2	22n13	1n 8	22s54	0n42	19s38	0s39	5s53	2n 0	28n46	15n23	1n54	1n30	18n 4		n.a.

Julian Day Number = 1716340.5, Delta T = 02h58m11s
Ecliptic obliquity = 23°41'38, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°15'15, Lahiri = - 4°08'14 Julian Calendar 1 Feb. 14 BCE == Greg. Calendar 30 Jan. 014 BCE

The year -13 astronomical counting style corresponds to year 014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 14 BCE
geocentric

MARCH 14 BCE (-13) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 23 43	7♓56'05	28♋33	26°R44	25♉13	24♉36	26°R17	25♐ 8	5♒53	19°R33	21°R59	25°R14	26♍13	18♊ 1	n.a.	F 1
S 2	10 27 39	8°55'14	11♌ 0	26♒ 6	26°22	25°22	26♋13	25°11	5°56	19♎32	21♌58	25♍12	26°10	18° 7	n.a.	S 2
S 3	10 31 36	9°54'21	23°42	25°33	27°31	26° 8	26° 9	25°15	5°59	19°31	21°56	25° 9	26° 7	18°14	n.a.	S 3
M 4	10 35 32	10°53'25	6♍40	25° 6	28°40	26°55	26° 5	25°18	6° 2	19°30	21°55	25° 8	26° 4	18°21	n.a.	M 4
T 5	10 39 29	11°52'28	19°53	24°43	29°49	27°41	26° 1	25°21	6° 5	19°29	21°53	25°D 7	26° 1	18°28	n.a.	T 5
W 6	10 43 26	12°51'28	3♎22	24°27	0♒59	28°27	25°58	25°24	6° 8	19°28	21°52	25° 7	25°57	18°34	n.a.	W 6
T 7	10 47 22	13°50'26	17° 3	24°16	2° 8	29°13	25°54	25°27	6°11	19°26	21°50	25° 8	25°54	18°41	n.a.	T 7
F 8	10 51 19	14°49'22	0♏55	24°D10	3°17	29°59	25°51	25°30	6°14	19°25	21°49	25° 9	25°51	18°48	n.a.	F 8
S 9	10 55 15	15°48'17	14°56	24°10	4°27	0♒45	25°48	25°33	6°17	19°24	21°47	25°10	25°48	18°55	n.a.	S 9
S 10	10 59 12	16°47'10	29° 3	24°16	5°36	1°32	25°45	25°36	6°19	19°23	21°46	25°10	25°45	19° 1	n.a.	S 10
M11	11 3 8	17°46'00	13♐15	24°27	6°46	2°18	25°43	25°39	6°22	19°21	21°45	25°R11	25°42	19° 8	n.a.	M11
T 12	11 7 5	18°44'50	27°29	24°43	7°56	3° 4	25°40	25°42	6°25	19°20	21°43	25°11	25°38	19°15	n.a.	T 12
W13	11 11 1	19°43'37	11♑42	25° 3	9° 6	3°50	25°38	25°44	6°28	19°19	21°42	25°10	25°35	19°21	n.a.	W13
T 14	11 14 58	20°42'22	25°51	25°28	10°15	4°36	25°36	25°47	6°31	19°17	21°40	25°10	25°32	19°28	n.a.	T 14
F 15	11 18 55	21°41'06	9♒55	25°58	11°25	5°22	25°34	25°49	6°33	19°16	21°39	25° 9	25°29	19°35	n.a.	F 15
S 16	11 22 51	22°39'48	23°49	26°32	12°35	6° 8	25°32	25°51	6°36	19°14	21°38	25° 9	25°26	19°42	n.a.	S 16
S 17	11 26 48	23°38'28	7♓32	27°10	13°45	6°55	25°30	25°53	6°39	19°13	21°36	25° 9	25°23	19°48	n.a.	S 17
M18	11 30 44	24°37'06	21° 1	27°52	14°56	7°41	25°29	25°55	6°41	19°12	21°35	25° 9	25°19	19°55	n.a.	M18
T 19	11 34 41	25°35'42	4♈14	28°37	16° 6	8°27	25°28	25°57	6°44	19°10	21°34	25° 9	25°16	20° 2	n.a.	T 19
W20	11 38 37	26°34'15	17°10	29°26	17°16	9°13	25°27	25°59	6°46	19° 9	21°33	25° 9	25°13	20° 8	n.a.	W20
T 21	11 42 34	27°32'47	29°49	0♓18	18°26	9°59	25°26	26° 1	6°49	19° 7	21°31	25° 9	25°10	20°15	n.a.	T 21
F 22	11 46 30	28°31'17	12♉13	1°13	19°37	10°45	25°25	26° 3	6°51	19° 6	21°30	25° 8	25° 7	20°22	n.a.	F 22
S 23	11 50 27	29°29'44	24°24	2°11	20°47	11°31	25°25	26° 5	6°54	19° 4	21°29	25° 8	25° 3	20°29	n.a.	S 23
S 24	11 54 23	0♈28'10	6♊25	3°12	21°57	12°17	25°25	26° 6	6°56	19° 3	21°28	25° 7	25° 0	20°35	n.a.	S 24
M25	11 58 20	1°26'33	18°20	4°16	23° 8	13° 3	25°D24	26° 7	6°58	19° 1	21°27	25° 7	24°57	20°42	n.a.	M25
T 26	12 2 17	2°24'54	0♋13	5°22	24°18	13°49	25°25	26° 9	7° 1	19° 0	21°25	25°D 7	24°54	20°49	n.a.	T 26
W27	12 6 13	3°23'13	12° 9	6°31	25°29	14°35	25°25	26°10	7° 3	18°58	21°24	25° 7	24°51	20°56	n.a.	W27
T 28	12 10 10	4°21'29	24°12	7°43	26°39	15°21	25°25	26°11	7° 5	18°57	21°23	25° 7	24°48	21° 2	n.a.	T 28
F 29	12 14 6	5°19'44	6♌27	8°56	27°50	16° 7	25°26	26°12	7° 7	18°55	21°22	25° 8	24°44	21° 9	n.a.	F 29
S 30	12 18 3	6°17'56	18°57	10°12	29° 1	16°53	25°27	26°13	7° 9	18°53	21°21	25° 9	24°41	21°16	n.a.	S 30
S 31	12 21 59	7♈16'06	1♍47	11♓31	0♓12	17♒39	25♋28	26♐14	7♒12	18♎52	21♌20	25♍10	24♍38	21♊22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8s41	16n22	4s24	10s24	2n29	20s48	0n32	22s28	1s 3	22n14	1n 8	22s54	0n42	19s38	0s39	5s53	2n 0	28n47	15n23	1n55	1n31	18n 4		n.a.
S 2	8 19	14 8	3 40	10 51	2 15	20 39	0 28	22 20	1 4	22 15	1 8	22 54	0 42	19 37	0 39	5 52	2 0	28 47	15 23	1 56	1 32	18 5		n.a.
S 3	7 56	11 10	2 45	11 16	2 0	20 30	0 24	22 12	1 4	22 16	1 8	22 54	0 42	19 36	0 39	5 52	2 0	28 48	15 23	1 57	1 34	18 5		n.a.
M 4	7 34	7 36	1 40	11 39	1 45	20 20	0 19	22 4	1 5	22 16	1 8	22 54	0 42	19 35	0 39	5 51	2 0	28 48	15 23	1 57	1 35	18 6		n.a.
T 5	7 11	3 36	0 29	12 1	1 29	20 9	0 15	21 55	1 6	22 17	1 8	22 55	0 42	19 35	0 39	5 51	2 0	28 49	15 22	1 57	1 36	18 6		n.a.
W 6	6 48	0s39	0n45	12 21	1 14	19 58	0 11	21 46	1 6	22 18	1 8	22 55	0 42	19 34	0 39	5 50	2 0	28 49	15 22	1 57	1 37	18 7		n.a.
T 7	6 25	4 57	1 58	12 39	0 59	19 47	0 7	21 37	1 7	22 18	1 8	22 55	0 42	19 33	0 39	5 50	2 0	28 49	15 22	1 57	1 39	18 7		n.a.
F 8	6 2	9 1	3 5	12 55	0 43	19 34	0 3	21 28	1 7	22 19	1 8	22 55	0 42	19 32	0 39	5 49	2 1	28 50	15 22	1 57	1 40	18 8		n.a.
S 9	5 39	12 38	4 2	13 9	0 29	19 22	0s 1	21 19	1 8	22 19	1 8	22 55	0 42	19 32	0 39	5 49	2 1	28 50	15 22	1 57	1 41	18 8		n.a.
S 10	5 16	15 32	4 45	13 21	0 14	19 8	0 4	21 9	1 9	22 20	1 8	22 55	0 42	19 31	0 39	5 48	2 1	28 51	15 22	1 56	1 42	18 9		n.a.
M11	4 53	17 30	5 10	13 31	0 0	18 55	0 8	20 59	1 9	22 20	1 8	22 55	0 42	19 30	0 39	5 48	2 1	28 51	15 22	1 56	1 44	18 9		n.a.
T 12	4 30	18 24	5 17	13 38	0s13	18 40	0 12	20 49	1 10	22 20	1 8	22 55	0 42	19 30	0 39	5 47	2 1	28 51	15 21	1 56	1 45	18 9		n.a.
W13	4 7	18 8	5 4	13 43	0 26	18 25	0 16	20 39	1 11	22 21	1 7	22 55	0 42	19 29	0 39	5 47	2 1	28 52	15 21	1 56	1 46	18 10		n.a.
T 14	3 43	16 44	4 33	13 46	0 39	18 10	0 19	20 28	1 11	22 21	1 7	22 55	0 42	19 28	0 39	5 46	2 1	28 52	15 21	1 56	1 48	18 10		n.a.
F 15	3 20	14 20	3 45	13 47	0 51	17 54	0 23	20 17	1 12	22 21	1 7	22 56	0 42	19 28	0 39	5 45	2 1	28 52	15 21	1 57	1 49	18 11		n.a.
S 16	2 56	11 8	2 45	13 46	1 2	17 38	0 26	20 6	1 12	22 22	1 7	22 56	0 42	19 27	0 39	5 45	2 1	28 53	15 21	1 57	1 50	18 11		n.a.
S 17	2 33	7 21	1 36	13 43	1 13	17 21	0 30	19 55	1 13	22 22	1 7	22 56	0 42	19 26	0 39	5 44	2 1	28 53	15 21	1 57	1 51	18 11		n.a.
M18	2 10	3 15	0 23	13 38	1 23	17 3	0 33	19 44	1 14	22 22	1 7	22 56	0 42	19 26	0 39	5 44	2 1	28 53	15 20	1 57	1 53	18 12		n.a.
T 19	1 46	0n56	0s50	13 31	1 32	16 45	0 36	19 32	1 14	22 22	1 7	22 56	0 42	19 25	0 39	5 43	2 1	28 53	15 20	1 57	1 54	18 12		n.a.
W20	1 23	4 59	1 59	13 22	1 41	16 27	0 39	19 20	1 15	22 22	1 7	22 56	0 42	19 25	0 39	5 43	2 1	28 54	15 20	1 57	1 55	18 13		n.a.
T 21	0 59	8 43	3 1	13 11	1 49	16 8	0 43	19 9	1 15	22 22	1 7	22 56	0 42	19 24	0 39	5 42	2 1	28 54	15 20	1 57	1 57	18 13		n.a.
F 22	0 36	11 59	3 52	12 59	1 57	15 49	0 46	18 56	1 16	22 22	1 7	22 56	0 42	19 23	0 39	5 41	2 1	28 54	15 20	1 57	1 58	18 14		n.a.
S 23	0 12	14 40	4 33	12 44	2 4	15 29	0 49	18 44	1 16	22 22	1 7	22 56	0 42	19 23	0 39	5 41	2 1	28 54	15 19	1 57	1 59	18 14		n.a.
S 24	0n11	16 41	5 0	12 28	2 10	15 9	0 52	18 32	1 17	22 22	1 6	22 56	0 42	19 22	0 39	5 40	2 1	28 54	15 19	1 58	2 0	18 14		n.a.
M25	0 35	17 57	5 15	12 9	2 16	14 49	0 54	18 19	1 18	22 22	1 6	22 56	0 42	19 22	0 39	5 40	2 1	28 55	15 19	1 58	2 2	18 15		n.a.
T 26	0 58	18 26	5 16	11 50	2 21	14 28	0 57	18 6	1 18	22 22	1 6	22 56	0 42	19 21	0 39	5 39	2 1	28 55	15 19	1 58	2 3	18 15		n.a.
W27	1 22	18 6	5 3	11 28	2 26	14 6	1 0	17 53	1 19	22 22	1 6	22 56	0 42	19 21	0 39	5 38	2 1	28 55	15 18	1 58	2 4	18 15		n.a.
T 28	1 45	16 57	4 37	11 5	2 30	13 44	1 3	17 40	1 19	22 22	1 6	22 56	0 42	19 20	0 39	5 38	2 1	28 55	15 18	1 58	2 5	18 16		n.a.
F 29	2 8	15 1	3 58	10 40	2 33	13 22	1 5	17 27	1 20	22 21	1 6	22 56	0 42	19 19	0 39	5 37	2 1	28 55	15 18	1 57	2 7	18 16		n.a.
S 30	2 32	12 20	3 7	10 13	2 36	13 0	1 8	17 13	1 20	22 21	1 6	22 56	0 42	19 19	0 39	5 37	2 1	28 55	15 17	1 57	2 8	18 17		n.a.
S 31	2n55	9n 0	2s 6	9s45	2s38	12s37	1s10	16s59	1s21	22n21	1n 6	22s56	0n42	19s18	0s40	5s36	2n 1	28n55	15n17	1n56	2n 9	18n17		n.a.

Julian Day Number = 1716368.5, Delta T = 02h58m10s
Ecliptic obliquity = 23°41'39, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°15'11, Lahiri = - 4°08'10 Julian Calendar 1 March 14 BCE == Greg. Calendar 27 Feb. 014 BCE

The year -13 astronomical counting style corresponds to year 014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 14 BCE
geocentric

APRIL 14 BCE (-13) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 25 56	8♈14'15	14♍56	12♓51	1♓22	18♒24	25♋29	26♐15	7♒14	18°R50	21°R19	25♍11	24♍35	21♊29	n.a.	M 1
T 2	12 29 52	9°12'21	28°28	14°14	2°33	19°10	25°30	26°15	7°16	18♎49	21♌18	25°R11	24°32	21°36	n.a.	T 2
W 3	12 33 49	10°10'25	12♎19	15°39	3°44	19°56	25°32	26°16	7°18	18°47	21°17	25°10	24°28	21°43	n.a.	W 3
T 4	12 37 45	11° 8'28	26°27	17° 6	4°55	20°42	25°34	26°16	7°20	18°45	21°16	25° 9	24°25	21°49	n.a.	T 4
F 5	12 41 42	12° 6'29	10♏48	18°34	6° 6	21°27	25°36	26°17	7°22	18°44	21°15	25° 7	24°22	21°56	n.a.	F 5
S 6	12 45 39	13° 4'29	25°16	20° 5	7°17	22°13	25°38	26°17	7°23	18°42	21°15	25° 5	24°19	22° 3	n.a.	S 6
S 7	12 49 35	14° 2'27	9♐45	21°38	8°28	22°59	25°40	26°17	7°25	18°41	21°14	25° 3	24°16	22° 9	n.a.	S 7
M 8	12 53 32	15° 0'23	24°12	23°13	9°39	23°45	25°43	26°R17	7°27	18°39	21°13	25° 1	24°13	22°16	n.a.	M 8
T 9	12 57 28	15°58'19	8♑31	24°50	10°50	24°30	25°45	26°17	7°29	18°37	21°12	25° 0	24° 9	22°23	n.a.	T 9
W10	13 1 25	16°56'13	22°39	26°28	12° 1	25°16	25°48	26°17	7°31	18°36	21°11	25°D 0	24° 6	22°30	n.a.	W10
T 11	13 5 21	17°54'05	6♒35	28° 9	13°13	26° 1	25°51	26°17	7°32	18°34	21°11	25° 1	24° 3	22°36	n.a.	T 11
F 12	13 9 18	18°51'57	20°18	29°52	14°24	26°47	25°54	26°17	7°34	18°32	21°10	25° 2	24° 0	22°43	n.a.	F 12
S 13	13 13 14	19°49'47	3♓48	1♈37	15°35	27°32	25°57	26°16	7°35	18°31	21° 9	25° 3	23°57	22°50	n.a.	S 13
S 14	13 17 11	20°47'35	17° 5	3°23	16°46	28°18	26° 1	26°16	7°37	18°29	21° 9	25° 5	23°54	22°57	n.a.	S 14
M15	13 21 8	21°45'22	0♈ 9	5°12	17°58	29° 3	26° 5	26°15	7°38	18°28	21° 8	25°R 5	23°50	23° 3	n.a.	M15
T 16	13 25 4	22°43'08	13° 1	7° 2	19° 9	29°49	26° 8	26°14	7°40	18°26	21° 7	25° 3	23°47	23°10	n.a.	T 16
W17	13 29 1	23°40'52	25°40	8°55	20°20	0♓34	26°12	26°13	7°41	18°24	21° 7	25° 1	23°44	23°17	n.a.	W17
T 18	13 32 57	24°38'35	8♉ 7	10°49	21°32	1°20	26°17	26°13	7°43	18°23	21° 6	24°57	23°41	23°23	n.a.	T 18
F 19	13 36 54	25°36'17	20°24	12°46	22°43	2° 5	26°21	26°12	7°44	18°21	21° 6	24°52	23°38	23°30	n.a.	F 19
S 20	13 40 50	26°33'57	2♊30	14°44	23°55	2°50	26°25	26°10	7°45	18°19	21° 5	24°46	23°34	23°37	n.a.	S 20
S 21	13 44 47	27°31'35	14°29	16°44	25° 6	3°35	26°30	26° 9	7°46	18°18	21° 5	24°41	23°31	23°44	n.a.	S 21
M22	13 48 43	28°29'12	26°23	18°46	26°18	4°20	26°35	26° 8	7°48	18°16	21° 4	24°36	23°28	23°50	n.a.	M22
T 23	13 52 40	29°26'48	8♋15	20°50	27°29	5° 6	26°40	26° 7	7°49	18°15	21° 4	24°33	23°25	23°57	n.a.	T 23
W24	13 56 37	0♉24'21	20° 9	22°55	28°41	5°51	26°45	26° 5	7°50	18°13	21° 4	24°31	23°22	24° 4	n.a.	W24
T 25	14 0 33	1°21'54	2♌11	25° 2	29°53	6°36	26°50	26° 4	7°51	18°12	21° 3	24°D30	23°19	24°11	n.a.	T 25
F 26	14 4 30	2°19'25	14°23	27°10	1♈ 4	7°21	26°56	26° 2	7°52	18°10	21° 3	24°31	23°15	24°17	n.a.	F 26
S 27	14 8 26	3°16'54	26°53	29°19	2°16	8° 6	27° 1	26° 0	7°53	18° 8	21° 3	24°32	23°12	24°24	n.a.	S 27
S 28	14 12 23	4°14'22	9♍42	1♉29	3°28	8°50	27° 7	25°58	7°54	18° 7	21° 3	24°34	23° 9	24°31	n.a.	S 28
M29	14 16 19	5°11'48	22°56	3°40	4°39	9°35	27°13	25°57	7°55	18° 5	21° 2	24°R34	23° 6	24°37	n.a.	M29
T 30	14 20 16	6♉ 9'13	6♎36	5♉51	5♈51	10♓20	27♋19	25♐55	7♒55	18♎ 4	21♌ 2	24♍34	23♍ 3	24♊44	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3n18	5n 8	0s56	9s15	2s40	12s14	1s12	16s46	1s21	22n21	1n 6	22s56	0n42	19s18	0s40	5s35	2n 1	28n55	15n17	1n56	2n11	18n17		n.a.
T 2	3 41	0 54	0n18	8 44	2 41	11 50	1 15	16 32	1 22	22 20	1 5	22 57	0 42	19 17	0 40	5 35	2 1	28 55	15 17	1 56	2 12	18 18		n.a.
W 3	4 4	3s29	1 33	8 11	2 41	11 26	1 17	16 17	1 22	22 20	1 5	22 57	0 42	19 17	0 40	5 34	2 1	28 55	15 16	1 56	2 13	18 18		n.a.
T 4	4 27	7 46	2 44	7 37	2 41	11 2	1 19	16 3	1 23	22 19	1 5	22 57	0 42	19 16	0 40	5 33	2 1	28 55	15 16	1 57	2 14	18 18		n.a.
F 5	4 50	11 39	3 46	7 1	2 40	10 37	1 21	15 49	1 23	22 19	1 5	22 57	0 42	19 16	0 40	5 33	2 1	28 55	15 16	1 58	2 16	18 19		n.a.
S 6	5 13	14 51	4 34	6 24	2 39	10 13	1 23	15 34	1 24	22 18	1 5	22 57	0 42	19 16	0 40	5 32	2 1	28 55	15 15	1 58	2 17	18 19		n.a.
S 7	5 36	17 8	5 4	5 45	2 37	9 47	1 25	15 19	1 24	22 18	1 5	22 57	0 42	19 15	0 40	5 32	2 1	28 55	15 15	1 59	2 18	18 20		n.a.
M 8	5 58	18 19	5 15	5 5	2 34	9 22	1 27	15 5	1 25	22 17	1 5	22 57	0 42	19 15	0 40	5 31	2 1	28 55	15 15	2 0	2 19	18 20		n.a.
T 9	6 21	18 19	5 6	4 23	2 31	8 56	1 28	14 50	1 25	22 17	1 5	22 57	0 42	19 14	0 40	5 30	2 1	28 55	15 14	2 0	2 21	18 20		n.a.
W10	6 43	17 11	4 39	3 40	2 28	8 30	1 30	14 35	1 26	22 16	1 5	22 57	0 42	19 14	0 40	5 30	2 1	28 55	15 14	2 0	2 22	18 21		n.a.
T 11	7 6	15 1	3 56	2 56	2 24	8 4	1 31	14 19	1 26	22 15	1 4	22 57	0 42	19 13	0 40	5 29	2 1	28 55	15 14	2 0	2 23	18 21		n.a.
F 12	7 28	12 2	3 0	2 11	2 19	7 38	1 33	14 4	1 26	22 15	1 4	22 57	0 42	19 13	0 40	5 28	2 1	28 55	15 13	2 0	2 24	18 21		n.a.
S 13	7 50	8 27	1 54	1 24	2 14	7 11	1 34	13 49	1 27	22 14	1 4	22 57	0 42	19 13	0 40	5 28	2 1	28 55	15 13	1 59	2 26	18 22		n.a.
S 14	8 12	4 29	0 44	0 36	2 8	6 44	1 35	13 33	1 27	22 13	1 4	22 57	0 42	19 12	0 40	5 27	2 1	28 55	15 13	1 59	2 27	18 22		n.a.
M15	8 34	0 22	0s28	0n14	2 2	6 17	1 37	13 17	1 28	22 12	1 4	22 57	0 42	19 12	0 40	5 27	2 1	28 55	15 12	1 59	2 28	18 22		n.a.
T 16	8 56	3n42	1 37	1 4	1 55	5 50	1 38	13 2	1 28	22 12	1 4	22 57	0 42	19 12	0 40	5 26	2 1	28 55	15 12	1 59	2 30	18 23		n.a.
W17	9 17	7 33	2 40	1 55	1 48	5 23	1 39	12 46	1 28	22 11	1 4	22 57	0 42	19 11	0 40	5 25	2 1	28 55	15 11	2 0	2 31	18 23		n.a.
T 18	9 39	10 59	3 34	2 48	1 40	4 55	1 40	12 30	1 29	22 10	1 4	22 57	0 42	19 11	0 40	5 25	2 1	28 54	15 11	2 2	2 32	18 23		n.a.
F 19	10 0	13 54	4 17	3 41	1 32	4 27	1 41	12 14	1 29	22 9	1 4	22 57	0 42	19 11	0 40	5 24	2 1	28 54	15 11	2 4	2 33	18 24		n.a.
S 20	10 21	16 10	4 48	4 35	1 23	3 59	1 41	11 58	1 30	22 8	1 3	22 57	0 42	19 10	0 40	5 24	2 1	28 54	15 10	2 6	2 35	18 24		n.a.
S 21	10 42	17 42	5 7	5 30	1 14	3 31	1 42	11 42	1 30	22 7	1 3	22 57	0 42	19 10	0 40	5 23	2 1	28 54	15 10	2 8	2 36	18 24		n.a.
M22	11 3	18 27	5 11	6 26	1 5	3 3	1 43	11 25	1 30	22 6	1 3	22 57	0 42	19 10	0 40	5 22	2 1	28 54	15 10	2 10	2 37	18 25		n.a.
T 23	11 24	18 24	5 3	7 22	0 55	2 35	1 43	11 9	1 31	22 5	1 3	22 57	0 42	19 10	0 40	5 22	2 1	28 53	15 9	2 11	2 38	18 25		n.a.
W24	11 44	17 32	4 41	8 18	0 45	2 7	1 44	10 52	1 31	22 4	1 3	22 57	0 42	19 9	0 40	5 21	2 1	28 53	15 9	2 12	2 40	18 25		n.a.
T 25	12 4	15 53	4 7	9 15	0 35	1 38	1 44	10 36	1 31	22 2	1 3	22 57	0 42	19 9	0 40	5 21	2 1	28 53	15 8	2 12	2 41	18 25		n.a.
F 26	12 24	13 29	3 21	10 11	0 25	1 10	1 44	10 19	1 32	22 1	1 3	22 57	0 42	19 9	0 40	5 20	2 1	28 53	15 8	2 12	2 42	18 26		n.a.
S 27	12 44	10 25	2 25	11 8	0 14	0 41	1 45	10 2	1 32	22 0	1 3	22 56	0 42	19 9	0 40	5 19	2 1	28 52	15 8	2 12	2 44	18 26		n.a.
S 28	13 4	6 47	1 20	12 4	0 4	0 13	1 45	9 46	1 32	21 59	1 3	22 56	0 41	19 8	0 41	5 19	2 1	28 52	15 7	2 11	2 45	18 26		n.a.
M29	13 24	2 42	0 9	12 59	0n 7	0n16	1 45	9 29	1 33	21 58	1 3	22 56	0 41	19 8	0 41	5 18	2 1	28 52	15 7	2 11	2 46	18 27		n.a.
T 30	13n43	1s39	1n 5	13n53	0n18	0n45	1s45	9s12	1s33	21n56	1n 2	22s56	0n41	19s 8	0s41	5s18	2n 1	28n51	15n 6	2n11	2n47	18n27		n.a.

Julian Day Number = 1716399.5, Delta T = 02h58m09s
Ecliptic obliquity = 23°41'39, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°15'07, Lahiri = - 4°08'06 Julian Calendar 1 Apr. 14 BCE == Greg. Calendar 30 March 014 BCE

The year -13 astronomical counting style corresponds to year 014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 14 BCE
geocentric

MAY 14 BCE (-13) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 24 12	7♉ 6'37	20♎41	8♉ 3	7♈ 3	11♓ 5	27♋25	25°R52	7♒56	18°R 2	21°R 2	24°R31	22♍59	24♊51	n.a.	W 1
T 2	14 28 9	8° 4'00	5♏10	10°15	8°15	11°49	27°31	25♐50	7°57	18♎ 1	21♌ 2	24♍27	22°56	24°58	n.a.	T 2
F 3	14 32 6	9° 1'21	19°55	12°26	9°27	12°34	27°37	25°48	7°57	17°59	21° 2	24°21	22°53	25° 4	n.a.	F 3
S 4	14 36 2	9°58'42	4♐49	14°37	10°38	13°19	27°44	25°46	7°58	17°58	21° 2	24°15	22°50	25°11	n.a.	S 4
S 5	14 39 59	10°56'02	19°45	16°47	11°50	14° 3	27°51	25°43	7°59	17°56	21°D 2	24° 8	22°47	25°18	n.a.	S 5
M 6	14 43 55	11°53'21	4♑32	18°56	13° 2	14°48	27°58	25°41	7°59	17°55	21° 2	24° 2	22°44	25°24	n.a.	M 6
T 7	14 47 52	12°50'40	19° 5	21° 3	14°14	15°32	28° 5	25°38	7°59	17°53	21° 2	23°58	22°40	25°31	n.a.	T 7
W 8	14 51 48	13°47'58	3♒20	23° 9	15°26	16°17	28°12	25°36	8° 0	17°52	21° 2	23°56	22°37	25°38	n.a.	W 8
T 9	14 55 45	14°45'15	17°14	25°14	16°38	17° 1	28°19	25°33	8° 0	17°51	21° 2	23°D56	22°34	25°45	n.a.	T 9
F 10	14 59 41	15°42'32	0♓47	27°16	17°50	17°45	28°26	25°30	8° 1	17°49	21° 2	23°56	22°31	25°51	n.a.	F 10
S 11	15 3 38	16°39'49	14° 2	29°17	19° 2	18°29	28°34	25°27	8° 1	17°48	21° 3	23°57	22°28	25°58	n.a.	S 11
S 12	15 7 35	17°37'04	27° 1	1♊15	20°14	19°13	28°41	25°24	8° 1	17°46	21° 3	23°R58	22°25	26° 5	n.a.	S 12
M13	15 11 31	18°34'20	9♈46	3°11	21°26	19°58	28°49	25°21	8° 1	17°45	21° 3	23°56	22°21	26°12	n.a.	M13
T 14	15 15 28	19°31'34	22°19	5° 5	22°39	20°42	28°57	25°18	8° 1	17°44	21° 3	23°53	22°18	26°18	n.a.	T 14
W15	15 19 24	20°28'49	4♉41	6°57	23°51	21°25	29° 5	25°15	8° 1	17°42	21° 4	23°47	22°15	26°25	n.a.	W15
T 16	15 23 21	21°26'02	16°55	8°46	25° 3	22° 9	29°13	25°12	8°R 1	17°41	21° 4	23°39	22°12	26°32	n.a.	T 16
F 17	15 27 17	22°23'16	29° 2	10°33	26°15	22°53	29°21	25° 8	8° 1	17°40	21° 4	23°29	22° 9	26°38	n.a.	F 17
S 18	15 31 14	23°20'28	11♊ 2	12°17	27°27	23°37	29°29	25° 5	8° 1	17°39	21° 5	23°17	22° 5	26°45	n.a.	S 18
S 19	15 35 10	24°17'40	22°57	13°59	28°40	24°21	29°38	25° 2	8° 1	17°37	21° 5	23° 6	22° 2	26°52	n.a.	S 19
M20	15 39 7	25°14'52	4♋49	15°39	29°52	25° 4	29°46	24°58	8° 1	17°36	21° 6	22°56	21°59	26°59	n.a.	M20
T 21	15 43 4	26°12'02	16°40	17°16	1♉ 4	25°48	29°55	24°55	8° 1	17°35	21° 6	22°48	21°56	27° 5	n.a.	T 21
W22	15 47 0	27° 9'13	28°33	18°50	2°17	26°31	0♌ 4	24°51	8° 0	17°34	21° 7	22°42	21°53	27°12	n.a.	W22
T 23	15 50 57	28° 6'22	10♌33	20°23	3°29	27°15	0°13	24°47	8° 0	17°33	21° 7	22°38	21°50	27°19	n.a.	T 23
F 24	15 54 53	29° 3'31	22°43	21°52	4°41	27°58	0°22	24°44	8° 0	17°31	21° 8	22°36	21°46	27°26	n.a.	F 24
S 25	15 58 50	0♊ 0'39	5♍ 9	23°19	5°54	28°41	0°31	24°40	7°59	17°30	21° 8	22°D36	21°43	27°32	n.a.	S 25
S 26	16 2 46	0°57'47	17°55	24°43	7° 6	29°24	0°40	24°36	7°59	17°29	21° 9	22°R37	21°40	27°39	n.a.	S 26
M27	16 6 43	1°54'54	1♎ 6	26° 5	8°19	0♈ 7	0°49	24°32	7°58	17°28	21°10	22°37	21°37	27°46	n.a.	M27
T 28	16 10 39	2°52'00	14°45	27°24	9°31	0°50	0°59	24°28	7°58	17°27	21°10	22°35	21°34	27°52	n.a.	T 28
W29	16 14 36	3°49'06	28°54	28°41	10°44	1°33	1° 8	24°24	7°57	17°26	21°11	22°31	21°31	27°59	n.a.	W29
T 30	16 18 33	4°46'12	13♏29	29°55	11°56	2°16	1°18	24°20	7°57	17°25	21°12	22°24	21°27	28° 6	n.a.	T 30
F 31	16 22 29	5♊43'18	28♏27	1♋ 5	13♉ 9	2♈59	1♌27	24♐16	7♒56	17♎24	21♌13	22♍16	21♍24	28♊13	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	14n 2	6s 3	2n17	14n47	0n28	1n14	1s45	8s55	1s33	21n55	1n 2	22s56	0n41	19s 8	0s41	5s17	2n 1	28n51	15n 6	2n12	2n49	18n27			n.a.
T 2	14 21	10 13	3 22	15 39	0 38	1 42	1 45	8 38	1 33	21 54	1 2	22 56	0 41	19 8	0 41	5 17	2 1	28 51	15 6	2 14	2 50	18 28			n.a.
F 3	14 39	13 49	4 14	16 30	0 48	2 11	1 44	8 21	1 34	21 52	1 2	22 56	0 41	19 8	0 41	5 16	2 1	28 50	15 5	2 16	2 51	18 28			n.a.
S 4	14 58	16 34	4 51	17 18	0 57	2 40	1 44	8 4	1 34	21 51	1 2	22 56	0 41	19 8	0 41	5 15	2 1	28 50	15 5	2 19	2 52	18 28			n.a.
S 5	15 16	18 12	5 7	18 5	1 7	3 9	1 44	7 47	1 34	21 49	1 2	22 56	0 41	19 7	0 41	5 15	2 1	28 50	15 4	2 21	2 54	18 28			n.a.
M 6	15 34	18 34	5 3	18 50	1 15	3 37	1 43	7 30	1 34	21 48	1 2	22 56	0 41	19 7	0 41	5 14	2 1	28 49	15 4	2 24	2 55	18 29			n.a.
T 7	15 52	17 43	4 39	19 33	1 23	4 6	1 43	7 13	1 35	21 46	1 2	22 56	0 41	19 7	0 41	5 14	2 1	28 49	15 4	2 25	2 56	18 29			n.a.
W 8	16 9	15 45	3 58	20 13	1 31	4 34	1 42	6 55	1 35	21 45	1 2	22 56	0 41	19 7	0 41	5 13	2 1	28 48	15 3	2 26	2 58	18 29			n.a.
T 9	16 26	12 55	3 4	20 51	1 37	5 3	1 41	6 38	1 35	21 43	1 2	22 56	0 41	19 7	0 41	5 13	2 1	28 48	15 3	2 26	2 59	18 29			n.a.
F 10	16 43	9 25	2 1	21 26	1 44	5 31	1 41	6 21	1 35	21 42	1 1	22 56	0 41	19 7	0 41	5 12	2 1	28 47	15 2	2 26	3 0	18 30			n.a.
S 11	17 0	5 32	0 53	21 59	1 49	6 0	1 40	6 4	1 35	21 40	1 1	22 56	0 41	19 7	0 41	5 12	2 1	28 47	15 2	2 26	3 1	18 30			n.a.
S 12	17 16	1 27	0s16	22 29	1 54	6 28	1 39	5 46	1 35	21 38	1 1	22 56	0 41	19 7	0 41	5 11	2 1	28 47	15 1	2 25	3 3	18 30			n.a.
M13	17 32	2n38	1 24	22 57	1 58	6 56	1 38	5 29	1 36	21 37	1 1	22 56	0 41	19 7	0 41	5 11	2 1	28 46	15 1	2 26	3 4	18 30			n.a.
T 14	17 48	6 31	2 26	23 22	2 1	7 24	1 37	5 12	1 36	21 35	1 1	22 56	0 41	19 7	0 41	5 10	2 1	28 46	15 1	2 27	3 5	18 31			n.a.
W15	18 4	10 5	3 20	23 44	2 4	7 52	1 36	4 54	1 36	21 33	1 1	22 56	0 41	19 7	0 41	5 10	2 1	28 45	15 0	2 30	3 6	18 31			n.a.
T 16	18 19	13 10	4 4	24 4	2 6	8 20	1 35	4 37	1 36	21 32	1 1	22 56	0 41	19 7	0 41	5 9	2 1	28 45	15 0	2 33	3 8	18 31			n.a.
F 17	18 34	15 39	4 37	24 22	2 7	8 47	1 33	4 19	1 36	21 30	1 1	22 55	0 41	19 7	0 41	5 9	2 1	28 44	14 59	2 37	3 9	18 31			n.a.
S 18	18 48	17 26	4 57	24 37	2 8	9 15	1 32	4 2	1 36	21 28	1 1	22 55	0 41	19 7	0 41	5 8	2 1	28 44	14 59	2 41	3 10	18 32			n.a.
S 19	19 3	18 27	5 3	24 50	2 7	9 42	1 31	3 45	1 36	21 26	1 1	22 55	0 41	19 7	0 41	5 8	2 1	28 43	14 59	2 46	3 11	18 32			n.a.
M20	19 17	18 39	4 57	25 0	2 7	10 9	1 29	3 27	1 37	21 24	1 1	22 55	0 41	19 7	0 41	5 8	2 0	28 43	14 58	2 50	3 13	18 32			n.a.
T 21	19 30	18 3	4 38	25 9	2 5	10 36	1 28	3 10	1 37	21 22	1 1	22 55	0 41	19 7	0 41	5 7	2 0	28 42	14 58	2 53	3 14	18 32			n.a.
W22	19 44	16 39	4 7	25 15	2 3	11 2	1 26	2 52	1 37	21 20	1 0	22 55	0 41	19 8	0 41	5 7	2 0	28 41	14 57	2 56	3 15	18 33			n.a.
T 23	19 57	14 30	3 24	25 20	2 0	11 29	1 25	2 35	1 37	21 18	1 0	22 55	0 41	19 8	0 41	5 6	2 0	28 41	14 57	2 57	3 17	18 33			n.a.
F 24	20 10	11 42	2 32	25 22	1 56	11 55	1 23	2 18	1 37	21 16	1 0	22 55	0 40	19 8	0 41	5 6	2 0	28 40	14 57	2 58	3 18	18 33			n.a.
S 25	20 22	8 18	1 32	25 23	1 51	12 21	1 22	2 0	1 37	21 14	1 0	22 55	0 40	19 8	0 42	5 6	2 0	28 40	14 56	2 58	3 19	18 33			n.a.
S 26	20 34	4 26	0 25	25 22	1 46	12 46	1 20	1 43	1 37	21 12	1 0	22 55	0 40	19 8	0 42	5 5	2 0	28 39	14 56	2 58	3 20	18 33			n.a.
M27	20 46	0 15	0n45	25 19	1 41	13 12	1 18	1 26	1 37	21 10	1 0	22 55	0 40	19 8	0 42	5 5	2 0	28 38	14 55	2 58	3 22	18 34			n.a.
T 28	20 57	4s 7	1 55	25 15	1 35	13 37	1 16	1 9	1 37	21 8	1 0	22 54	0 40	19 8	0 42	5 4	2 0	28 38	14 55	2 58	3 23	18 34			n.a.
W29	21 8	8 24	3 0	25 9	1 28	14 1	1 14	0 51	1 37	21 6	1 0	22 54	0 40	19 9	0 42	5 4	2 0	28 37	14 55	3 0	3 24	18 34			n.a.
T 30	21 19	12 19	3 55	25 2	1 20	14 26	1 13	0 34	1 37	21 3	1 0	22 54	0 40	19 9	0 42	5 4	2 0	28 37	14 54	3 3	3 25	18 34			n.a.
F 31	21n29	15s32	4n36	24n53	1n12	14n50	1s11	0s17	1s37	21n 1	1n 0	22s54	0n40	19s 9	0s42	5s 3	2n 0	28n36	14n54	3n 6	3n27	18n34			n.a.

Julian Day Number = 1716429.5, Delta T = 02h58m08s
Ecliptic obliquity = 23°41'39, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°15'02, Lahiri = - 4°08'02 Julian Calendar 1 May 14 BCE == Greg. Calendar 29 Apr. 014 BCE

The year -13 astronomical counting style corresponds to year 014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 14 BCE
geocentric

JUNE 14 BCE (-13) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 26 26	6♊40'23	13♐39	2♋13	14♉21	3♈42	1♌37	24°R12	7°R55	17°R23	21♌14	22°R 6	21♍21	28♊19	n.a.	S 1
S 2	16 30 22	7°37'29	28°53	3°19	15°34	4°24	1°47	24♐ 8	7♒54	17♎22	21°14	21♍55	21°18	28°26	n.a.	S 2
M 3	16 34 19	8°34'35	14♑ 0	4°21	16°47	5° 7	1°57	24° 4	7°54	17°22	21°15	21°46	21°15	28°33	n.a.	M 3
T 4	16 38 15	9°31'40	28°50	5°20	17°59	5°49	2° 7	24° 0	7°53	17°21	21°16	21°39	21°11	28°39	n.a.	T 4
W 5	16 42 12	10°28'46	13♒16	6°15	19°12	6°31	2°17	23°55	7°52	17°20	21°17	21°35	21° 8	28°46	n.a.	W 5
T 6	16 46 8	11°25'53	27°17	7° 8	20°25	7°14	2°27	23°51	7°51	17°19	21°18	21°33	21° 5	28°53	n.a.	T 6
F 7	16 50 5	12°22'59	10♓51	7°57	21°38	7°56	2°38	23°47	7°50	17°18	21°19	21°D32	21° 2	29° 0	n.a.	F 7
S 8	16 54 2	13°20'07	24° 2	8°42	22°50	8°38	2°48	23°43	7°49	17°18	21°20	21°R32	20°59	29° 6	n.a.	S 8
S 9	16 57 58	14°17'14	6♈52	9°24	24° 3	9°20	2°59	23°38	7°48	17°17	21°21	21°32	20°56	29°13	n.a.	S 9
M10	17 1 55	15°14'22	19°26	10° 2	25°16	10° 2	3° 9	23°34	7°47	17°16	21°22	21°29	20°52	29°20	n.a.	M10
T 11	17 5 51	16°11'31	1♉46	10°36	26°29	10°44	3°20	23°29	7°45	17°15	21°23	21°25	20°49	29°27	n.a.	T 11
W12	17 9 48	17° 8'40	13°57	11° 6	27°42	11°26	3°30	23°25	7°44	17°15	21°25	21°17	20°46	29°33	n.a.	W12
T 13	17 13 44	18° 5'49	26° 1	11°32	28°55	12° 7	3°41	23°21	7°43	17°14	21°26	21° 6	20°43	29°40	n.a.	T 13
F 14	17 17 41	19° 2'59	7♊59	11°53	0♊ 8	12°49	3°52	23°16	7°42	17°14	21°27	20°54	20°40	29°47	n.a.	F 14
S 15	17 21 38	20° 0'10	19°54	12°10	1°21	13°30	4° 3	23°12	7°40	17°13	21°28	20°40	20°37	29°53	n.a.	S 15
S 16	17 25 34	20°57'20	1♋46	12°22	2°34	14°11	4°14	23° 7	7°39	17°13	21°29	20°26	20°33	0♋ 0	n.a.	S 16
M17	17 29 31	21°54'32	13°37	12°30	3°47	14°53	4°25	23° 3	7°37	17°12	21°31	20°13	20°30	0° 7	n.a.	M17
T 18	17 33 27	22°51'43	25°29	12°R33	5° 0	15°34	4°36	22°59	7°36	17°12	21°32	20° 2	20°27	0°14	n.a.	T 18
W19	17 37 24	23°48'55	7♌25	12°30	6°13	16°15	4°47	22°54	7°34	17°11	21°33	19°54	20°24	0°20	n.a.	W19
T 20	17 41 20	24°46'07	19°26	12°23	7°26	16°56	4°59	22°50	7°33	17°11	21°35	19°49	20°21	0°27	n.a.	T 20
F 21	17 45 17	25°43'20	1♍37	12°12	8°39	17°36	5°10	22°45	7°31	17°10	21°36	19°46	20°17	0°34	n.a.	F 21
S 22	17 49 13	26°40'33	14° 2	11°55	9°53	18°17	5°22	22°41	7°30	17°10	21°37	19°45	20°14	0°41	n.a.	S 22
S 23	17 53 10	27°37'46	26°45	11°34	11° 6	18°58	5°33	22°36	7°28	17°10	21°39	19°45	20°11	0°47	n.a.	S 23
M24	17 57 7	28°35'00	9♎51	11° 8	12°19	19°38	5°45	22°32	7°26	17°10	21°40	19°45	20° 8	0°54	n.a.	M24
T 25	18 1 3	29°32'14	23°24	10°39	13°32	20°18	5°56	22°28	7°25	17° 9	21°42	19°43	20° 5	1° 1	n.a.	T 25
W26	18 5 0	0♋29'28	7♏26	10° 5	14°46	20°59	6° 8	22°23	7°23	17° 9	21°43	19°39	20° 2	1° 7	n.a.	W26
T 27	18 8 56	1°26'43	21°57	9°28	15°59	21°39	6°19	22°19	7°21	17° 9	21°45	19°33	19°58	1°14	n.a.	T 27
F 28	18 12 53	2°23'59	6♐52	8°49	17°12	22°19	6°31	22°15	7°19	17° 9	21°46	19°24	19°55	1°21	n.a.	F 28
S 29	18 16 49	3°21'15	22° 5	8° 7	18°26	22°59	6°43	22°10	7°18	17° 9	21°48	19°14	19°52	1°28	n.a.	S 29
S 30	18 20 46	4♋18'32	7♑25	7♋23	19♊39	23♈38	6♌55	22♐ 6	7♒16	17♎ 9	21♌50	19♍ 4	19♍49	1♋34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n39	17s45	4n58	24n44	1n 3	15n13	1s 9	0n 0	1s37	20n59	1n 0	22s54	0n40	19s 9	0s42	5s 3	2n 0	28n35	14n53	3n10	3n28	18n35		n.a.
S 2	21 49	18 42	4 59	24 33	0 54	15 37	1 7	0 17	1 37	20 57	1 0	22 54	0 40	19 10	0 42	5 3	2 0	28 35	14 53	3 14	3 29	18 35		n.a.
M 3	21 58	18 19	4 39	24 22	0 44	16 0	1 5	0 34	1 37	20 54	1 0	22 54	0 40	19 10	0 42	5 3	2 0	28 34	14 53	3 18	3 30	18 35		n.a.
T 4	22 7	16 41	4 1	24 9	0 34	16 22	1 2	0 51	1 37	20 52	1 0	22 54	0 40	19 10	0 42	5 2	2 0	28 33	14 52	3 21	3 32	18 35		n.a.
W 5	22 15	14 1	3 8	23 56	0 23	16 45	1 0	1 8	1 37	20 50	1 0	22 53	0 40	19 10	0 42	5 2	2 0	28 33	14 52	3 22	3 33	18 35		n.a.
T 6	22 23	10 36	2 5	23 42	0 12	17 6	0 58	1 25	1 37	20 47	0 59	22 53	0 40	19 11	0 42	5 2	2 0	28 32	14 51	3 23	3 34	18 35		n.a.
F 7	22 31	6 42	0 56	23 27	0s 0	17 28	0 56	1 42	1 37	20 45	0 59	22 53	0 40	19 11	0 42	5 2	2 0	28 31	14 51	3 23	3 35	18 36		n.a.
S 8	22 39	2 36	0s13	23 12	0 13	17 49	0 54	1 59	1 37	20 42	0 59	22 53	0 40	19 11	0 42	5 1	2 0	28 30	14 51	3 23	3 37	18 36		n.a.
S 9	22 45	1n32	1 20	22 56	0 25	18 9	0 51	2 16	1 36	20 40	0 59	22 53	0 39	19 12	0 42	5 1	2 0	28 30	14 50	3 24	3 38	18 36		n.a.
M10	22 52	5 30	2 22	22 40	0 39	18 29	0 49	2 32	1 36	20 37	0 59	22 53	0 39	19 12	0 42	5 1	1 59	28 29	14 50	3 25	3 39	18 36		n.a.
T 11	22 58	9 10	3 15	22 24	0 52	18 49	0 47	2 49	1 36	20 35	0 59	22 53	0 39	19 12	0 42	5 1	1 59	28 28	14 50	3 26	3 41	18 36		n.a.
W12	23 4	12 23	3 59	22 8	1 6	19 8	0 44	3 6	1 36	20 32	0 59	22 53	0 39	19 13	0 42	5 0	1 59	28 28	14 49	3 30	3 42	18 36		n.a.
T 13	23 9	15 4	4 32	21 51	1 20	19 27	0 42	3 22	1 36	20 30	0 59	22 52	0 39	19 13	0 42	5 0	1 59	28 27	14 49	3 34	3 43	18 37		n.a.
F 14	23 14	17 4	4 52	21 35	1 35	19 45	0 40	3 39	1 36	20 27	0 59	22 52	0 39	19 13	0 42	5 0	1 59	28 26	14 49	3 39	3 44	18 37		n.a.
S 15	23 19	18 20	5 0	21 19	1 49	20 2	0 37	3 55	1 36	20 24	0 59	22 52	0 39	19 14	0 42	5 0	1 59	28 25	14 48	3 44	3 46	18 37		n.a.
S 16	23 23	18 47	4 54	21 3	2 4	20 20	0 35	4 11	1 36	20 22	0 59	22 52	0 39	19 14	0 42	5 0	1 59	28 25	14 48	3 50	3 47	18 37		n.a.
M17	23 27	18 25	4 35	20 48	2 19	20 36	0 32	4 28	1 35	20 19	0 59	22 52	0 39	19 14	0 42	5 0	1 59	28 24	14 47	3 55	3 48	18 37		n.a.
T 18	23 30	17 15	4 5	20 33	2 33	20 52	0 30	4 44	1 35	20 16	0 59	22 52	0 39	19 15	0 42	5 0	1 59	28 23	14 47	3 59	3 49	18 37		n.a.
W19	23 33	15 20	3 24	20 19	2 48	21 8	0 27	5 0	1 35	20 13	0 59	22 52	0 39	19 15	0 42	4 59	1 59	28 22	14 47	4 2	3 51	18 37		n.a.
T 20	23 35	12 44	2 33	20 5	3 2	21 22	0 25	5 16	1 35	20 11	0 59	22 51	0 39	19 16	0 42	4 59	1 59	28 22	14 46	4 5	3 52	18 38		n.a.
F 21	23 37	9 33	1 34	19 52	3 16	21 37	0 22	5 32	1 34	20 8	0 59	22 51	0 38	19 16	0 42	4 59	1 59	28 21	14 46	4 6	3 53	18 38		n.a.
S 22	23 39	5 53	0 30	19 41	3 29	21 50	0 20	5 48	1 34	20 5	0 59	22 51	0 38	19 17	0 42	4 59	1 59	28 20	14 46	4 6	3 54	18 38		n.a.
S 23	23 40	1 52	0n37	19 30	3 42	22 3	0 17	6 3	1 34	20 2	0 59	22 51	0 38	19 17	0 42	4 59	1 59	28 19	14 46	4 6	3 56	18 38		n.a.
M24	23 41	2s21	1 44	19 20	3 54	22 16	0 15	6 19	1 34	19 59	0 59	22 51	0 38	19 17	0 43	4 59	1 59	28 18	14 45	4 6	3 57	18 38		n.a.
T 25	23 42	6 35	2 48	19 11	4 5	22 28	0 12	6 35	1 33	19 56	0 59	22 51	0 38	19 18	0 43	4 59	1 59	28 18	14 45	4 7	3 58	18 38		n.a.
W26	23 42	10 37	3 44	19 4	4 15	22 39	0 10	6 50	1 33	19 53	0 59	22 50	0 38	19 18	0 43	4 59	1 58	28 17	14 45	4 8	3 59	18 38		n.a.
T 27	23 41	14 8	4 27	18 58	4 24	22 49	0 7	7 5	1 33	19 50	0 59	22 50	0 38	19 19	0 43	4 59	1 58	28 16	14 44	4 11	4 1	18 38		n.a.
F 28	23 40	16 51	4 54	18 53	4 31	22 59	0 5	7 21	1 33	19 47	0 59	22 50	0 38	19 19	0 43	4 59	1 58	28 15	14 44	4 14	4 2	18 39		n.a.
S 29	23 39	18 27	5 1	18 50	4 37	23 9	0 2	7 36	1 32	19 44	0 59	22 50	0 38	19 20	0 43	4 59	1 58	28 14	14 44	4 18	4 3	18 39		n.a.
S 30	23n37	18s43	4n46	18n48	4s42	23n17	0n 0	7n51	1s32	19n41	0n59	22s50	0n38	19s20	0s43	4s59	1n58	28n14	14n43	4n22	4n 5	18n39		n.a.

Julian Day Number = 1716460.5, Delta T = 02h58m08s
Ecliptic obliquity = 23°41'38, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°14'58, Lahiri = - 4°07'58 Julian Calendar 1 June 14 BCE == Greg. Calendar 30 May 014 BCE

The year -13 astronomical counting style corresponds to year 014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 14 BCE
geocentric

JULY 14 BCE (-13) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 24 42	5♋15'51	22♑41	6°R39	20♊53	24♈18	7♌ 7	22°R 2	7°R14	17°R 9	21♌51	18°R55	19♍46	1♋41	n.a.	M 1
T 2	18 28 39	6°13'10	7♒42	5♋55	22° 6	24°58	7°19	21♐58	7♒12	17°D 9	21°53	18♍48	19°43	1°48	n.a.	T 2
W 3	18 32 36	7°10'30	22°19	5°12	23°20	25°37	7°31	21°53	7°10	17♎ 9	21°54	18°43	19°39	1°54	n.a.	W 3
T 4	18 36 32	8° 7'51	6♓29	4°30	24°33	26°16	7°43	21°49	7° 8	17° 9	21°56	18°41	19°36	2° 1	n.a.	T 4
F 5	18 40 29	9° 5'14	20°10	3°51	25°47	26°55	7°55	21°45	7° 6	17° 9	21°58	18°D40	19°33	2° 8	n.a.	F 5
S 6	18 44 25	10° 2'38	3♈25	3°14	27° 1	27°34	8° 7	21°41	7° 4	17° 9	21°59	18°41	19°30	2°15	n.a.	S 6
S 7	18 48 22	11° 0'03	16°15	2°42	28°14	28°13	8°19	21°37	7° 2	17° 9	22° 1	18°R41	19°27	2°21	n.a.	S 7
M 8	18 52 18	11°57'29	28°46	2°14	29°28	28°52	8°32	21°33	7° 0	17° 9	22° 3	18°39	19°23	2°28	n.a.	M 8
T 9	18 56 15	12°54'58	11♉ 2	1°52	0♋42	29°31	8°44	21°29	6°58	17° 9	22° 5	18°36	19°20	2°35	n.a.	T 9
W10	19 0 11	13°52'27	23° 7	1°35	1°55	0♉ 9	8°56	21°25	6°55	17°10	22° 7	18°30	19°17	2°41	n.a.	W10
T 11	19 4 8	14°49'58	5♊ 4	1°24	3° 9	0°47	9° 9	21°21	6°53	17°10	22° 8	18°21	19°14	2°48	n.a.	T 11
F 12	19 8 5	15°47'30	16°58	1°D19	4°23	1°26	9°21	21°17	6°51	17°10	22°10	18°11	19°11	2°55	n.a.	F 12
S 13	19 12 1	16°45'04	28°50	1°22	5°37	2° 4	9°34	21°13	6°49	17°11	22°12	18° 0	19° 8	3° 2	n.a.	S 13
S 14	19 15 58	17°42'39	10♋42	1°31	6°51	2°42	9°46	21°10	6°47	17°11	22°14	17°48	19° 4	3° 8	n.a.	S 14
M15	19 19 54	18°40'15	22°35	1°47	8° 5	3°19	9°59	21° 6	6°45	17°11	22°16	17°37	19° 1	3°15	n.a.	M15
T 16	19 23 51	19°37'53	4♌32	2°10	9°19	3°57	10°11	21° 2	6°42	17°12	22°18	17°29	18°58	3°22	n.a.	T 16
W17	19 27 47	20°35'32	16°34	2°40	10°33	4°34	10°24	20°59	6°40	17°12	22°20	17°22	18°55	3°29	n.a.	W17
T 18	19 31 44	21°33'12	28°42	3°17	11°47	5°12	10°36	20°55	6°38	17°13	22°21	17°18	18°52	3°35	n.a.	T 18
F 19	19 35 40	22°30'53	11♍ 0	4° 1	13° 1	5°49	10°49	20°52	6°35	17°13	22°23	17°16	18°48	3°42	n.a.	F 19
S 20	19 39 37	23°28'36	23°31	4°53	14°15	6°26	11° 2	20°48	6°33	17°14	22°25	17°D16	18°45	3°49	n.a.	S 20
S 21	19 43 34	24°26'19	6♎17	5°50	15°29	7° 2	11°15	20°45	6°31	17°14	22°27	17°17	18°42	3°55	n.a.	S 21
M22	19 47 30	25°24'04	19°22	6°54	16°43	7°39	11°27	20°42	6°28	17°15	22°29	17°R18	18°39	4° 2	n.a.	M22
T 23	19 51 27	26°21'50	2♏50	8° 5	17°57	8°15	11°40	20°39	6°26	17°16	22°31	17°18	18°36	4° 9	n.a.	T 23
W24	19 55 23	27°19'38	16°43	9°21	19°11	8°52	11°53	20°36	6°24	17°16	22°33	17°16	18°33	4°16	n.a.	W24
T 25	19 59 20	28°17'27	1♐ 2	10°43	20°25	9°28	12° 6	20°33	6°21	17°17	22°35	17°12	18°29	4°22	n.a.	T 25
F 26	20 3 16	29°15'17	15°43	12°10	21°39	10° 4	12°19	20°30	6°19	17°18	22°37	17° 7	18°26	4°29	n.a.	F 26
S 27	20 7 13	0♌13'08	0♑43	13°42	22°54	10°39	12°31	20°27	6°17	17°19	22°39	17° 0	18°23	4°36	n.a.	S 27
S 28	20 11 9	1°11'01	15°52	15°18	24° 8	11°15	12°44	20°24	6°14	17°19	22°42	16°54	18°20	4°42	n.a.	S 28
M29	20 15 6	2° 8'56	1♒ 1	16°59	25°22	11°50	12°57	20°21	6°12	17°20	22°44	16°47	18°17	4°49	n.a.	M29
T 30	20 19 3	3° 6'52	15°59	18°43	26°37	12°26	13°10	20°19	6° 9	17°21	22°46	16°43	18°14	4°56	n.a.	T 30
W31	20 22 59	4♌ 4'50	0♓39	20♋30	27♋51	13♉ 1	13♌23	20♐16	6♒ 7	17♎22	22♌48	16♍40	18♍10	5♋ 3	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23n35	17s38	4n11	18n48	4s44	23n25	0n 3	8n 6	1s32	19n38	0n59	22s50	0n37	19s21	0s43	4s59	1n58	28n13	14n43	4n26	4n 6	18n39			n.a.
T 2	23 33	15 20	3 19	18 49	4 45	23 32	0 5	8 21	1 31	19 35	0 59	22 50	0 37	19 21	0 43	4 59	1 58	28 12	14 43	4 29	4 7	18 39			n.a.
W 3	23 30	12 6	2 15	18 51	4 44	23 39	0 7	8 36	1 31	19 32	0 59	22 49	0 37	19 22	0 43	4 59	1 58	28 11	14 43	4 31	4 8	18 39			n.a.
T 4	23 26	8 14	1 4	18 55	4 42	23 45	0 10	8 50	1 31	19 29	0 59	22 49	0 37	19 22	0 43	4 59	1 58	28 10	14 42	4 31	4 10	18 39			n.a.
F 5	23 23	4 3	0s 8	19 1	4 37	23 50	0 12	9 5	1 30	19 25	0 59	22 49	0 37	19 23	0 43	4 59	1 58	28 9	14 42	4 32	4 11	18 39			n.a.
S 6	23 19	0n11	1 18	19 8	4 31	23 54	0 15	9 19	1 30	19 22	0 59	22 49	0 37	19 24	0 43	5 0	1 58	28 9	14 42	4 32	4 12	18 39			n.a.
S 7	23 14	4 17	2 21	19 16	4 24	23 58	0 17	9 34	1 29	19 19	0 59	22 49	0 37	19 24	0 43	5 0	1 58	28 8	14 42	4 32	4 13	18 39			n.a.
M 8	23 9	8 6	3 16	19 26	4 15	24 1	0 20	9 48	1 29	19 16	0 59	22 49	0 37	19 25	0 43	5 0	1 58	28 7	14 41	4 32	4 15	18 40			n.a.
T 9	23 4	11 29	4 1	19 37	4 4	24 3	0 22	10 2	1 29	19 13	0 59	22 49	0 37	19 25	0 43	5 0	1 58	28 6	14 41	4 33	4 16	18 40			n.a.
W10	22 58	14 19	4 34	19 49	3 52	24 5	0 24	10 16	1 28	19 9	0 59	22 48	0 36	19 26	0 43	5 0	1 58	28 5	14 41	4 36	4 17	18 40			n.a.
T 11	22 52	16 32	4 55	20 2	3 40	24 6	0 27	10 30	1 28	19 6	0 59	22 48	0 36	19 26	0 43	5 0	1 58	28 4	14 41	4 39	4 18	18 40			n.a.
F 12	22 45	18 1	5 3	20 15	3 26	24 6	0 29	10 44	1 27	19 3	0 59	22 48	0 36	19 27	0 43	5 0	1 57	28 4	14 40	4 43	4 20	18 40			n.a.
S 13	22 38	18 43	4 58	20 30	3 11	24 5	0 31	10 58	1 27	18 59	0 59	22 48	0 36	19 27	0 43	5 1	1 57	28 3	14 40	4 48	4 21	18 40			n.a.
S 14	22 30	18 37	4 40	20 45	2 56	24 4	0 33	11 11	1 26	18 56	0 59	22 48	0 36	19 28	0 43	5 1	1 57	28 2	14 40	4 52	4 22	18 40			n.a.
M15	22 23	17 41	4 9	21 0	2 41	24 2	0 35	11 24	1 26	18 52	0 59	22 48	0 36	19 29	0 43	5 1	1 57	28 1	14 40	4 56	4 23	18 40			n.a.
T 16	22 14	15 58	3 28	21 16	2 25	23 59	0 38	11 38	1 25	18 49	0 59	22 48	0 36	19 29	0 43	5 1	1 57	28 0	14 40	5 0	4 25	18 40			n.a.
W17	22 6	13 33	2 37	21 32	2 8	23 56	0 40	11 51	1 25	18 46	0 59	22 47	0 36	19 30	0 43	5 2	1 57	27 59	14 39	5 3	4 26	18 40			n.a.
T 18	21 57	10 31	1 38	21 47	1 52	23 52	0 42	12 4	1 24	18 42	0 59	22 47	0 36	19 30	0 43	5 2	1 57	27 59	14 39	5 4	4 27	18 40			n.a.
F 19	21 47	7 0	0 34	22 2	1 36	23 47	0 44	12 17	1 24	18 39	0 59	22 47	0 35	19 31	0 43	5 2	1 57	27 58	14 39	5 5	4 28	18 40			n.a.
S 20	21 38	3 7	0n34	22 17	1 19	23 41	0 46	12 30	1 23	18 35	0 59	22 47	0 35	19 32	0 43	5 2	1 57	27 57	14 39	5 5	4 30	18 40			n.a.
S 21	21 28	0s59	1 40	22 30	1 4	23 35	0 48	12 42	1 23	18 32	0 59	22 47	0 35	19 32	0 43	5 3	1 57	27 56	14 39	5 5	4 31	18 40			n.a.
M22	21 17	5 8	2 44	22 43	0 48	23 28	0 50	12 55	1 22	18 28	0 59	22 47	0 35	19 33	0 43	5 3	1 57	27 55	14 39	5 4	4 32	18 40			n.a.
T 23	21 6	9 8	3 40	22 54	0 33	23 20	0 52	13 7	1 22	18 24	0 59	22 47	0 35	19 33	0 43	5 3	1 57	27 54	14 39	5 4	4 33	18 40			n.a.
W24	20 55	12 46	4 25	23 4	0 18	23 11	0 54	13 20	1 21	18 21	0 59	22 47	0 35	19 34	0 43	5 4	1 57	27 54	14 38	5 5	4 35	18 40			n.a.
T 25	20 43	15 46	4 56	23 11	0 4	23 2	0 55	13 32	1 20	18 17	0 59	22 47	0 35	19 35	0 43	5 4	1 57	27 53	14 38	5 6	4 36	18 40			n.a.
F 26	20 31	17 49	5 8	23 17	0n 9	22 52	0 57	13 44	1 20	18 14	0 59	22 46	0 35	19 35	0 43	5 4	1 57	27 52	14 38	5 8	4 37	18 40			n.a.
S 27	20 19	18 42	4 59	23 21	0 22	22 42	0 59	13 56	1 19	18 10	0 59	22 46	0 34	19 36	0 43	5 5	1 56	27 51	14 38	5 11	4 38	18 40			n.a.
S 28	20 6	18 17	4 30	23 22	0 34	22 31	1 1	14 7	1 19	18 6	0 59	22 46	0 34	19 36	0 43	5 5	1 56	27 50	14 38	5 14	4 40	18 40			n.a.
M29	19 53	16 33	3 41	23 21	0 45	22 19	1 2	14 19	1 18	18 3	0 59	22 46	0 34	19 37	0 43	5 5	1 56	27 49	14 38	5 16	4 41	18 40			n.a.
T 30	19 40	13 42	2 38	23 17	0 55	22 6	1 4	14 30	1 17	17 59	0 59	22 46	0 34	19 38	0 43	5 6	1 56	27 49	14 38	5 18	4 42	18 40			n.a.
W31	19n26	10s 2	1n26	23n10	1n 4	21n53	1n 5	14n42	1s17	17n55	0n59	22s46	0n34	19s38	0s43	5s 6	1n56	27n48	14n38	5n19	4n43	18n41			n.a.

Julian Day Number = 1716490.5, Delta T = 02h58m07s
Ecliptic obliquity = 23°41'38, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°14'54, Lahiri = - 4°07'54 Julian Calendar 1 July 14 BCE == Greg. Calendar 29 June 014 BCE

The year -13 astronomical counting style corresponds to year 014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 14 BCE
geocentric

AUGUST 14 BCE (-13) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 26 56	5♌ 2'49	14♓54	22♋19	29♋ 5	13♉35	13♌36	20°R13	6°R 5	17♎23	22♌50	16°D39	18♍ 7	5♋ 9	n.a.	T 1
F 2	20 30 52	6° 0'51	28°42	24°11	0♌20	14°10	13°49	20♐11	6♒ 2	17°24	22°52	16♍39	18° 4	5°16	n.a.	F 2
S 3	20 34 49	6°58'54	12♈ 2	26° 4	1°34	14°44	14° 2	20° 9	6° 0	17°25	22°54	16°40	18° 1	5°23	n.a.	S 3
S 4	20 38 45	7°57'00	24°57	27°59	2°48	15°19	14°15	20° 6	5°57	17°26	22°56	16°42	17°58	5°29	n.a.	S 4
M 5	20 42 42	8°55'07	7♉31	29°55	4° 3	15°53	14°28	20° 4	5°55	17°27	22°58	16°R43	17°54	5°36	n.a.	M 5
T 6	20 46 38	9°53'17	19°48	1♌51	5°17	16°27	14°41	20° 2	5°53	17°28	23° 0	16°42	17°51	5°43	n.a.	T 6
W 7	20 50 35	10°51'29	1♊52	3°48	6°32	17° 0	14°54	20° 0	5°50	17°29	23° 3	16°40	17°48	5°50	n.a.	W 7
T 8	20 54 32	11°49'43	13°48	5°45	7°47	17°33	15° 7	19°58	5°48	17°30	23° 5	16°36	17°45	5°56	n.a.	T 8
F 9	20 58 28	12°47'59	25°40	7°41	9° 1	18° 7	15°20	19°56	5°46	17°32	23° 7	16°31	17°42	6° 3	n.a.	F 9
S 10	21 2 25	13°46'17	7♋32	9°38	10°16	18°40	15°33	19°55	5°43	17°33	23° 9	16°26	17°39	6°10	n.a.	S 10
S 11	21 6 21	14°44'38	19°26	11°33	11°30	19°12	15°46	19°53	5°41	17°34	23°11	16°20	17°35	6°16	n.a.	S 11
M12	21 10 18	15°43'00	1♌24	13°28	12°45	19°45	15°59	19°51	5°38	17°35	23°13	16°14	17°32	6°23	n.a.	M12
T 13	21 14 14	16°41'24	13°29	15°23	14° 0	20°17	16°12	19°50	5°36	17°37	23°16	16°10	17°29	6°30	n.a.	T 13
W14	21 18 11	17°39'50	25°42	17°16	15°14	20°49	16°25	19°49	5°34	17°38	23°18	16° 7	17°26	6°37	n.a.	W14
T 15	21 22 7	18°38'18	8♍ 4	19° 9	16°29	21°21	16°38	19°47	5°31	17°39	23°20	16° 5	17°23	6°43	n.a.	T 15
F 16	21 26 4	19°36'48	20°36	21° 1	17°44	21°52	16°51	19°46	5°29	17°41	23°22	16°D 5	17°20	6°50	n.a.	F 16
S 17	21 30 0	20°35'20	3♎21	22°52	18°59	22°23	17° 4	19°45	5°27	17°42	23°24	16° 6	17°16	6°57	n.a.	S 17
S 18	21 33 57	21°33'53	16°19	24°41	20°13	22°54	17°17	19°44	5°25	17°43	23°27	16° 8	17°13	7° 4	n.a.	S 18
M19	21 37 54	22°32'29	29°33	26°30	21°28	23°25	17°30	19°43	5°22	17°45	23°29	16° 9	17°10	7°10	n.a.	M19
T 20	21 41 50	23°31'06	13♏ 4	28°18	22°43	23°55	17°43	19°42	5°20	17°46	23°31	16°10	17° 7	7°17	n.a.	T 20
W21	21 45 47	24°29'45	26°53	0♍ 4	23°58	24°25	17°56	19°42	5°18	17°48	23°33	16°R11	17° 4	7°24	n.a.	W21
T 22	21 49 43	25°28'25	11♐ 1	1°50	25°13	24°55	18° 9	19°41	5°16	17°49	23°35	16°10	17° 0	7°30	n.a.	T 22
F 23	21 53 40	26°27'08	25°25	3°35	26°27	25°25	18°22	19°41	5°13	17°51	23°38	16° 8	16°57	7°37	n.a.	F 23
S 24	21 57 36	27°25'52	10♑ 2	5°18	27°42	25°54	18°35	19°40	5°11	17°53	23°40	16° 6	16°54	7°44	n.a.	S 24
S 25	22 1 33	28°24'38	24°48	7° 1	28°57	26°23	18°48	19°40	5° 9	17°54	23°42	16° 4	16°51	7°51	n.a.	S 25
M26	22 5 29	29°23'26	9♒35	8°42	0♍12	26°51	19° 1	19°40	5° 7	17°56	23°44	16° 2	16°48	7°57	n.a.	M26
T 27	22 9 26	0♍22'16	24°17	10°23	1°27	27°20	19°14	19°40	5° 5	17°57	23°46	16° 0	16°45	8° 4	n.a.	T 27
W28	22 13 23	1°21'08	8♓45	12° 3	2°42	27°48	19°27	19°D40	5° 3	17°59	23°48	15°59	16°41	8°11	n.a.	W28
T 29	22 17 19	2°20'02	22°54	13°41	3°57	28°16	19°40	19°40	5° 1	18° 1	23°51	15°D59	16°38	8°17	n.a.	T 29
F 30	22 21 16	3°18'58	6♈41	15°19	5°12	28°43	19°53	19°40	4°59	18° 2	23°53	16° 0	16°35	8°24	n.a.	F 30
S 31	22 25 12	4♍17'56	20♈ 4	16♍56	6♍27	29♉10	20♌ 6	19♐40	4♒57	18♎ 4	23♌55	16♍ 1	16♍32	8♋31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	19n12	5s52	0n 9	23n 1	1n12	21n39	1n 7	14n53	1s16	17n51	0n59	22s46	0n34	19s39	0s43	5s 7	1n56	27n47	14n38	5n20	4n45	18n41			n.a.
F 2	18 58	1 31	1s 5	22 49	1 20	21 24	1 8	15 4	1 15	17 48	0 59	22 46	0 34	19 40	0 43	5 7	1 56	27 46	14 37	5 19	4 46	18 41			n.a.
S 3	18 43	2n46	2 14	22 34	1 26	21 9	1 10	15 15	1 14	17 44	0 59	22 46	0 34	19 40	0 43	5 7	1 56	27 45	14 37	5 19	4 47	18 41			n.a.
S 4	18 28	6 46	3 13	22 17	1 32	20 53	1 11	15 26	1 14	17 40	0 59	22 46	0 33	19 41	0 43	5 8	1 56	27 45	14 37	5 18	4 48	18 41			n.a.
M 5	18 13	10 22	4 2	21 57	1 37	20 37	1 12	15 36	1 13	17 36	0 59	22 46	0 33	19 41	0 43	5 8	1 56	27 44	14 37	5 18	4 50	18 41			n.a.
T 6	17 58	13 25	4 38	21 35	1 40	20 20	1 13	15 47	1 12	17 33	0 59	22 46	0 33	19 42	0 43	5 9	1 56	27 43	14 37	5 18	4 51	18 40			n.a.
W 7	17 42	15 50	5 1	21 11	1 43	20 2	1 14	15 57	1 11	17 29	0 59	22 46	0 33	19 43	0 43	5 9	1 56	27 42	14 37	5 19	4 52	18 40			n.a.
T 8	17 25	17 33	5 11	20 44	1 46	19 44	1 16	16 7	1 11	17 25	0 59	22 46	0 33	19 43	0 43	5 10	1 56	27 41	14 37	5 21	4 53	18 40			n.a.
F 9	17 9	18 30	5 7	20 16	1 47	19 25	1 17	16 17	1 10	17 21	0 59	22 46	0 33	19 44	0 43	5 10	1 56	27 41	14 37	5 22	4 55	18 40			n.a.
S 10	16 52	18 38	4 51	19 46	1 48	19 6	1 18	16 27	1 9	17 17	0 59	22 46	0 33	19 44	0 43	5 11	1 56	27 40	14 37	5 25	4 56	18 40			n.a.
S 11	16 35	17 58	4 21	19 14	1 48	18 46	1 18	16 37	1 8	17 13	0 59	22 46	0 32	19 45	0 43	5 11	1 56	27 39	14 37	5 27	4 57	18 40			n.a.
M12	16 18	16 29	3 40	18 40	1 47	18 26	1 19	16 47	1 7	17 9	0 59	22 46	0 32	19 45	0 43	5 12	1 56	27 38	14 37	5 29	4 59	18 40			n.a.
T 13	16 0	14 15	2 49	18 5	1 46	18 5	1 20	16 56	1 7	17 6	0 59	22 46	0 32	19 46	0 43	5 12	1 55	27 38	14 37	5 31	5 0	18 40			n.a.
W14	15 42	11 22	1 50	17 29	1 44	17 43	1 21	17 6	1 6	17 2	1 0	22 46	0 32	19 47	0 43	5 13	1 55	27 37	14 37	5 32	5 1	18 40			n.a.
T 15	15 24	7 57	0 44	16 51	1 42	17 21	1 21	17 15	1 5	16 58	1 0	22 46	0 32	19 47	0 43	5 14	1 55	27 36	14 37	5 33	5 2	18 40			n.a.
F 16	15 6	4 8	0n25	16 13	1 40	16 59	1 22	17 24	1 4	16 54	1 0	22 46	0 32	19 48	0 43	5 14	1 55	27 35	14 37	5 33	5 4	18 40			n.a.
S 17	14 47	0 5	1 34	15 33	1 36	16 36	1 23	17 33	1 3	16 50	1 0	22 46	0 32	19 48	0 43	5 15	1 55	27 35	14 37	5 32	5 5	18 40			n.a.
S 18	14 28	4s 3	2 39	14 53	1 33	16 13	1 23	17 42	1 2	16 46	1 0	22 46	0 32	19 49	0 43	5 15	1 55	27 34	14 37	5 32	5 6	18 40			n.a.
M19	14 9	8 3	3 37	14 12	1 29	15 49	1 23	17 50	1 1	16 42	1 0	22 46	0 31	19 49	0 43	5 16	1 55	27 33	14 37	5 31	5 7	18 40			n.a.
T 20	13 49	11 44	4 24	13 31	1 25	15 24	1 24	17 59	1 0	16 38	1 0	22 46	0 31	19 50	0 43	5 17	1 55	27 32	14 37	5 31	5 9	18 40			n.a.
W21	13 30	14 51	4 58	12 49	1 20	15 0	1 24	18 7	0 59	16 34	1 0	22 46	0 31	19 51	0 43	5 17	1 55	27 32	14 37	5 31	5 10	18 40			n.a.
T 22	13 10	17 9	5 14	12 6	1 15	14 35	1 24	18 15	0 58	16 30	1 0	22 46	0 31	19 51	0 43	5 18	1 55	27 31	14 37	5 31	5 11	18 40			n.a.
F 23	12 50	18 26	5 11	11 23	1 10	14 9	1 24	18 24	0 57	16 26	1 0	22 46	0 31	19 52	0 43	5 18	1 55	27 30	14 37	5 31	5 12	18 40			n.a.
S 24	12 30	18 31	4 48	10 40	1 4	13 43	1 25	18 32	0 56	16 22	1 0	22 47	0 31	19 52	0 43	5 19	1 55	27 30	14 38	5 32	5 14	18 40			n.a.
S 25	12 9	17 21	4 6	9 56	0 59	13 17	1 25	18 39	0 55	16 18	1 0	22 47	0 31	19 53	0 43	5 20	1 55	27 29	14 38	5 33	5 15	18 40			n.a.
M26	11 48	15 1	3 8	9 12	0 53	12 50	1 25	18 47	0 54	16 14	1 0	22 47	0 31	19 53	0 43	5 20	1 55	27 28	14 38	5 34	5 16	18 40			n.a.
T 27	11 28	11 44	1 57	8 28	0 47	12 23	1 24	18 55	0 53	16 10	1 0	22 47	0 30	19 54	0 43	5 21	1 55	27 27	14 38	5 35	5 17	18 40			n.a.
W28	11 6	7 46	0 40	7 44	0 40	11 56	1 24	19 2	0 52	16 6	1 1	22 47	0 30	19 54	0 43	5 22	1 55	27 27	14 38	5 35	5 19	18 39			n.a.
T 29	10 45	3 26	0s38	7 0	0 34	11 28	1 24	19 10	0 51	16 2	1 1	22 47	0 30	19 55	0 43	5 22	1 55	27 26	14 38	5 35	5 20	18 39			n.a.
F 30	10 24	0n58	1 52	6 16	0 27	11 0	1 24	19 17	0 50	15 58	1 1	22 47	0 30	19 55	0 43	5 23	1 55	27 25	14 38	5 35	5 21	18 39			n.a.
S 31	10n 2	5n11	2s58	5n32	0n20	10n32	1n23	19n24	0s49	15n54	1n 1	22s47	0n30	19s56	0s43	5s24	1n55	27n25	14n38	5n34	5n22	18n39			n.a.

Julian Day Number = 1716521.5, Delta T = 02h58m06s
Ecliptic obliquity = 23°41'38, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°14'50, Lahiri = - 4°07'49 Julian Calendar 1 Aug. 14 BCE == Greg. Calendar 30 July 014 BCE

The year -13 astronomical counting style corresponds to year 014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 14 BCE
geocentric

SEPTEMBER 14 BCE (-13) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 29 9	5♍16'57	3♉ 3	18♍32	7♍42	29♉37	20♌18	19♐41	4°R55	18♎ 6	23♌57	16♍ 2	16♍29	8♋37	n.a.	S 1
M 2	22 33 5	6°16'01	15°41	20° 7	8°57	0♊ 3	20°31	19°41	4♒53	18° 8	23°59	16° 3	16°25	8°44	n.a.	M 2
T 3	22 37 2	7°15'06	28° 1	21°41	10°12	0°29	20°44	19°42	4°51	18° 9	24° 1	16° 3	16°22	8°51	n.a.	T 3
W 4	22 40 58	8°14'14	10♊ 7	23°15	11°27	0°55	20°57	19°42	4°49	18°11	24° 4	16°R 4	16°19	8°58	n.a.	W 4
T 5	22 44 55	9°13'25	22° 4	24°47	12°42	1°20	21° 9	19°43	4°47	18°13	24° 6	16° 3	16°16	9° 4	n.a.	T 5
F 6	22 48 52	10°12'38	3♋57	26°19	13°57	1°45	21°22	19°44	4°45	18°15	24° 8	16° 3	16°13	9°11	n.a.	F 6
S 7	22 52 48	11°11'53	15°49	27°50	15°12	2° 9	21°35	19°45	4°43	18°17	24°10	16° 2	16°10	9°18	n.a.	S 7
S 8	22 56 45	12°11'11	27°45	29°20	16°27	2°33	21°47	19°46	4°42	18°19	24°12	16° 2	16° 6	9°24	n.a.	S 8
M 9	23 0 41	13°10'31	9♌48	0♎49	17°42	2°57	22° 0	19°47	4°40	18°21	24°14	16° 1	16° 3	9°31	n.a.	M 9
T 10	23 4 38	14° 9'53	22° 2	2°18	18°57	3°20	22°13	19°49	4°38	18°23	24°16	16° 1	16° 0	9°38	n.a.	T 10
W11	23 8 34	15° 9'17	4♍27	3°45	20°12	3°43	22°25	19°50	4°37	18°24	24°18	16° 1	15°57	9°45	n.a.	W11
T 12	23 12 31	16° 8'44	17° 6	5°12	21°27	4° 5	22°38	19°52	4°35	18°26	24°20	16° 1	15°54	9°51	n.a.	T 12
F 13	23 16 27	17° 8'12	29°59	6°38	22°42	4°27	22°50	19°53	4°33	18°28	24°22	16° 1	15°51	9°58	n.a.	F 13
S 14	23 20 24	18° 7'43	13♎ 6	8° 3	23°57	4°49	23° 3	19°55	4°32	18°30	24°25	16° 1	15°47	10° 5	n.a.	S 14
S 15	23 24 20	19° 7'16	26°26	9°27	25°12	5°10	23°15	19°57	4°30	18°32	24°27	16° 0	15°44	10°11	n.a.	S 15
M16	23 28 17	20° 6'51	10♏ 0	10°50	26°28	5°30	23°27	19°58	4°29	18°34	24°29	16° 0	15°41	10°18	n.a.	M16
T 17	23 32 14	21° 6'27	23°45	12°12	27°43	5°50	23°40	20° 0	4°27	18°36	24°31	15°59	15°38	10°25	n.a.	T 17
W18	23 36 10	22° 6'06	7♐41	13°33	28°58	6°10	23°52	20° 2	4°26	18°39	24°33	15°59	15°35	10°32	n.a.	W18
T 19	23 40 7	23° 5'46	21°46	14°54	0♎13	6°29	24° 4	20° 5	4°25	18°41	24°35	15°D59	15°31	10°38	n.a.	T 19
F 20	23 44 3	24° 5'28	5♑59	16°12	1°28	6°48	24°16	20° 7	4°23	18°43	24°37	15°59	15°28	10°45	n.a.	F 20
S 21	23 48 0	25° 5'12	20°16	17°30	2°43	7° 6	24°28	20° 9	4°22	18°45	24°39	16° 0	15°25	10°52	n.a.	S 21
S 22	23 51 56	26° 4'58	4♒36	18°46	3°58	7°23	24°40	20°12	4°21	18°47	24°41	16° 0	15°22	10°58	n.a.	S 22
M23	23 55 53	27° 4'45	18°55	20° 1	5°13	7°40	24°52	20°14	4°20	18°49	24°42	16° 1	15°19	11° 5	n.a.	M23
T 24	23 59 49	28° 4'35	3♓ 8	21°15	6°29	7°57	25° 4	20°17	4°19	18°51	24°44	16° 2	15°16	11°12	n.a.	T 24
W25	0 3 46	29° 4'26	17°13	22°27	7°44	8°12	25°16	20°20	4°18	18°53	24°46	16°R 2	15°12	11°19	n.a.	W25
T 26	0 7 43	0♎ 4'19	1♈ 4	23°37	8°59	8°28	25°28	20°22	4°17	18°55	24°48	16° 2	15° 9	11°25	n.a.	T 26
F 27	0 11 39	1° 4'14	14°39	24°45	10°14	8°42	25°40	20°25	4°16	18°58	24°50	16° 1	15° 6	11°32	n.a.	F 27
S 28	0 15 36	2° 4'11	27°55	25°50	11°29	8°56	25°51	20°28	4°15	19° 0	24°52	15°59	15° 3	11°39	n.a.	S 28
S 29	0 19 32	3° 4'11	10♉53	26°54	12°44	9°10	26° 3	20°31	4°14	19° 2	24°54	15°56	15° 0	11°45	n.a.	S 29
M30	0 23 29	4♎ 4'12	23♉31	27♎55	13♎59	9♊23	26♌15	20♐34	4♒13	19♎ 4	24♌55	15♍53	14♍57	11♋52	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n40	9n 2	3s52	4n47	0n14	10n 3	1n23	19n31	0s47	15n50	1n 1	22s48	0n30	19s56	0s43	5s25	1n55	27n24	14n38	5n34	5n23	18n39		n.a.
M 2	9 18	12 21	4 34	4 3	0 7	9 34	1 22	19 38	0 46	15 46	1 1	22 48	0 30	19 57	0 43	5 25	1 54	27 24	14 39	5 34	5 25	18 39		n.a.
T 3	8 56	15 2	5 2	3 20	0s 0	9 5	1 22	19 44	0 45	15 42	1 1	22 48	0 29	19 57	0 43	5 26	1 54	27 23	14 39	5 33	5 26	18 39		n.a.
W 4	8 34	17 0	5 15	2 36	0 7	8 36	1 21	19 51	0 44	15 38	1 1	22 48	0 29	19 57	0 43	5 27	1 54	27 22	14 39	5 33	5 27	18 39		n.a.
T 5	8 12	18 13	5 15	1 52	0 15	8 6	1 21	19 57	0 42	15 34	1 1	22 48	0 29	19 58	0 43	5 27	1 54	27 22	14 39	5 33	5 28	18 39		n.a.
F 6	7 49	18 36	5 2	1 9	0 22	7 36	1 20	20 3	0 41	15 30	1 1	22 49	0 29	19 58	0 43	5 28	1 54	27 21	14 39	5 34	5 30	18 39		n.a.
S 7	7 26	18 11	4 35	0 26	0 29	7 6	1 19	20 10	0 40	15 26	1 1	22 49	0 29	19 59	0 43	5 29	1 54	27 21	14 39	5 34	5 31	18 39		n.a.
S 8	7 4	16 58	3 57	0s17	0 36	6 36	1 18	20 16	0 39	15 22	1 2	22 49	0 29	19 59	0 43	5 30	1 54	27 20	14 40	5 34	5 32	18 38		n.a.
M 9	6 41	14 58	3 8	0 59	0 43	6 6	1 17	20 22	0 37	15 18	1 2	22 49	0 29	20 0	0 43	5 30	1 54	27 19	14 40	5 34	5 33	18 38		n.a.
T 10	6 18	12 17	2 9	1 42	0 51	5 35	1 16	20 28	0 36	15 14	1 2	22 49	0 29	20 0	0 43	5 31	1 54	27 19	14 40	5 34	5 35	18 38		n.a.
W11	5 55	9 0	1 4	2 23	0 58	5 4	1 15	20 33	0 35	15 10	1 2	22 50	0 28	20 0	0 43	5 32	1 54	27 18	14 40	5 34	5 36	18 38		n.a.
T 12	5 31	5 14	0n 6	3 5	1 5	4 33	1 14	20 39	0 33	15 6	1 2	22 50	0 28	20 1	0 43	5 33	1 54	27 18	14 40	5 34	5 37	18 38		n.a.
F 13	5 8	1 11	1 17	3 46	1 12	4 2	1 13	20 44	0 32	15 2	1 2	22 50	0 28	20 1	0 43	5 34	1 54	27 17	14 41	5 34	5 38	18 38		n.a.
S 14	4 45	3s 0	2 25	4 26	1 19	3 31	1 12	20 50	0 30	14 58	1 2	22 50	0 28	20 1	0 43	5 34	1 54	27 17	14 41	5 34	5 40	18 38		n.a.
S 15	4 21	7 7	3 26	5 6	1 26	3 0	1 10	20 55	0 29	14 54	1 2	22 51	0 28	20 2	0 43	5 35	1 54	27 16	14 41	5 35	5 41	18 38		n.a.
M16	3 57	10 55	4 17	5 45	1 33	2 29	1 9	21 0	0 27	14 50	1 3	22 51	0 28	20 2	0 43	5 36	1 54	27 16	14 41	5 35	5 42	18 37		n.a.
T 17	3 34	14 10	4 54	6 24	1 40	1 57	1 8	21 5	0 26	14 46	1 3	22 51	0 28	20 2	0 43	5 37	1 54	27 15	14 42	5 35	5 43	18 37		n.a.
W18	3 10	16 40	5 14	7 2	1 46	1 26	1 6	21 10	0 24	14 42	1 3	22 52	0 28	20 3	0 43	5 38	1 54	27 15	14 42	5 35	5 45	18 37		n.a.
T 19	2 46	18 11	5 15	7 39	1 53	0 54	1 5	21 15	0 23	14 38	1 3	22 52	0 27	20 3	0 43	5 38	1 54	27 14	14 42	5 35	5 46	18 37		n.a.
F 20	2 22	18 36	4 58	8 16	1 59	0 22	1 3	21 20	0 21	14 34	1 3	22 52	0 27	20 3	0 43	5 39	1 54	27 14	14 43	5 35	5 47	18 37		n.a.
S 21	1 58	17 49	4 22	8 52	2 5	0s 9	1 2	21 24	0 19	14 30	1 3	22 52	0 27	20 4	0 43	5 40	1 54	27 14	14 43	5 35	5 48	18 37		n.a.
S 22	1 34	15 55	3 30	9 27	2 11	0 41	1 0	21 29	0 18	14 26	1 3	22 53	0 27	20 4	0 43	5 41	1 54	27 13	14 43	5 35	5 50	18 37		n.a.
M23	1 10	13 1	2 25	10 1	2 17	1 13	0 58	21 33	0 16	14 22	1 3	22 53	0 27	20 4	0 43	5 42	1 54	27 13	14 43	5 34	5 51	18 36		n.a.
T 24	0 46	9 22	1 11	10 34	2 22	1 44	0 56	21 38	0 14	14 18	1 4	22 53	0 27	20 4	0 42	5 43	1 54	27 12	14 44	5 34	5 52	18 36		n.a.
W25	0 22	5 12	0s 6	11 6	2 28	2 16	0 55	21 42	0 13	14 14	1 4	22 54	0 27	20 5	0 42	5 43	1 54	27 12	14 44	5 34	5 53	18 36		n.a.
T 26	0s 2	0 50	1 22	11 37	2 33	2 47	0 53	21 46	0 11	14 10	1 4	22 54	0 27	20 5	0 42	5 44	1 54	27 12	14 44	5 34	5 55	18 36		n.a.
F 27	0 26	3n30	2 32	12 7	2 37	3 19	0 51	21 50	0 9	14 6	1 4	22 54	0 26	20 5	0 42	5 45	1 54	27 11	14 45	5 35	5 56	18 36		n.a.
S 28	0 50	7 34	3 31	12 35	2 42	3 50	0 49	21 54	0 7	14 2	1 4	22 55	0 26	20 5	0 42	5 46	1 54	27 11	14 45	5 35	5 57	18 36		n.a.
S 29	1 14	11 9	4 18	13 2	2 45	4 22	0 47	21 58	0 6	13 59	1 4	22 55	0 26	20 5	0 42	5 47	1 54	27 10	14 45	5 36	5 58	18 35		n.a.
M30	1s38	14n 9	4s52	13s28	2s49	4s53	0n45	22n 2	0s 4	13n55	1n 4	22s55	0n26	20s 6	0s42	5s48	1n54	27n10	14n46	5n37	6n 0	18n35		n.a.

Julian Day Number = 1716552.5, Delta T = 02h58m05s
Ecliptic obliquity = 23°41'39, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°14'46, Lahiri = - 4°07'45 Julian Calendar 1 Sept. 14 BCE == Greg. Calendar 30 Aug. 014 BCE

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ASTRODIENST EPHEMERIS for the year 14 BCE
geocentric

OCTOBER 14 BCE (-13) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 27 25	5♎ 4'16	5♊53	28♎52	15♎15	9♊35	26♌26	20♐38	4°R12	19♎ 6	24♌57	15°R51	14♍53	11♋59	n.a.	T 1
W 2	0 31 22	6° 4'22	18° 1	29°47	16°30	9°46	26°37	20°41	4♒11	19° 9	24°59	15♍49	14°50	12° 6	n.a.	W 2
T 3	0 35 18	7° 4'30	29°58	0♏38	17°45	9°57	26°49	20°45	4°11	19°11	25° 1	15°48	14°47	12°12	n.a.	T 3
F 4	0 39 15	8° 4'41	11♋51	1°25	19° 0	10° 8	27° 0	20°48	4°10	19°13	25° 2	15°D48	14°44	12°19	n.a.	F 4
S 5	0 43 11	9° 4'53	23°43	2° 7	20°15	10°17	27°11	20°52	4° 9	19°15	25° 4	15°48	14°41	12°26	n.a.	S 5
S 6	0 47 8	10° 5'08	5♌39	2°44	21°30	10°26	27°23	20°55	4° 9	19°17	25° 6	15°50	14°37	12°32	n.a.	S 6
M 7	0 51 5	11° 5'25	17°44	3°16	22°46	10°34	27°34	20°59	4° 8	19°20	25° 8	15°52	14°34	12°39	n.a.	M 7
T 8	0 55 1	12° 5'44	0♍ 3	3°41	24° 1	10°41	27°45	21° 3	4° 8	19°22	25° 9	15°53	14°31	12°46	n.a.	T 8
W 9	0 58 58	13° 6'05	12°37	3°59	25°16	10°48	27°56	21° 7	4° 7	19°24	25°11	15°R54	14°28	12°52	n.a.	W 9
T 10	1 2 54	14° 6'27	25°31	4°10	26°31	10°54	28° 6	21°11	4° 7	19°26	25°12	15°54	14°25	12°59	n.a.	T 10
F 11	1 6 51	15° 6'52	8♎44	4°R13	27°46	10°59	28°17	21°15	4° 7	19°29	25°14	15°52	14°22	13° 6	n.a.	F 11
S 12	1 10 47	16° 7'18	22°16	4° 7	29° 1	11° 3	28°28	21°19	4° 6	19°31	25°16	15°49	14°18	13°13	n.a.	S 12
S 13	1 14 44	17° 7'47	6♏ 4	3°52	0♏16	11° 7	28°39	21°23	4° 6	19°33	25°17	15°44	14°15	13°19	n.a.	S 13
M14	1 18 40	18° 8'17	20° 6	3°26	1°32	11° 9	28°49	21°28	4° 6	19°35	25°19	15°39	14°12	13°26	n.a.	M14
T 15	1 22 37	19° 8'48	4♐17	2°51	2°47	11°11	28°59	21°32	4° 6	19°38	25°20	15°34	14° 9	13°33	n.a.	T 15
W16	1 26 34	20° 9'21	18°32	2° 5	4° 2	11°12	29°10	21°37	4° 6	19°40	25°21	15°30	14° 6	13°39	n.a.	W16
T 17	1 30 30	21° 9'55	2♑48	1°10	5°17	11°R13	29°20	21°41	4°D 6	19°42	25°23	15°26	14° 2	13°46	n.a.	T 17
F 18	1 34 27	22°10'31	17° 1	0° 6	6°32	11°12	29°30	21°46	4° 6	19°44	25°24	15°D25	13°59	13°53	n.a.	F 18
S 19	1 38 23	23°11'08	1♒ 9	28♎54	7°47	11°11	29°40	21°51	4° 6	19°47	25°26	15°25	13°56	14° 0	n.a.	S 19
S 20	1 42 20	24°11'46	15°10	27°37	9° 2	11° 8	29°50	21°55	4° 6	19°49	25°27	15°26	13°53	14° 6	n.a.	S 20
M21	1 46 16	25°12'26	29° 4	26°16	10°18	11° 5	0♍ 0	22° 0	4° 6	19°51	25°28	15°28	13°50	14°13	n.a.	M21
T 22	1 50 13	26°13'06	12♓50	24°55	11°33	11° 1	0°10	22° 5	4° 6	19°53	25°30	15°R29	13°47	14°20	n.a.	T 22
W23	1 54 9	27°13'48	26°26	23°36	12°48	10°57	0°20	22°10	4° 7	19°56	25°31	15°28	13°43	14°26	n.a.	W23
T 24	1 58 6	28°14'31	9♈52	22°21	14° 3	10°51	0°29	22°15	4° 7	19°58	25°32	15°26	13°40	14°33	n.a.	T 24
F 25	2 2 3	29°15'16	23° 7	21°13	15°18	10°45	0°39	22°20	4° 7	20° 0	25°33	15°21	13°37	14°40	n.a.	F 25
S 26	2 5 59	0♏16'02	6♉ 7	20°14	16°33	10°37	0°48	22°26	4° 8	20° 2	25°35	15°14	13°34	14°46	n.a.	S 26
S 27	2 9 56	1°16'49	18°54	19°26	17°48	10°29	0°57	22°31	4° 8	20° 5	25°36	15° 6	13°31	14°53	n.a.	S 27
M28	2 13 52	2°17'38	1♊27	18°48	19° 3	10°20	1° 6	22°36	4° 9	20° 7	25°37	14°57	13°28	15° 0	n.a.	M28
T 29	2 17 49	3°18'28	13°45	18°22	20°18	10°10	1°15	22°41	4°10	20° 9	25°38	14°48	13°24	15° 7	n.a.	T 29
W30	2 21 45	4°19'20	25°52	18° 8	21°33	9°59	1°24	22°47	4°10	20°11	25°39	14°40	13°21	15°13	n.a.	W30
T 31	2 25 42	5♏20'13	7♋49	18°D 5	22♏48	9♊48	1♍33	22♐52	4♒11	20♎13	25♌40	14♍34	13♍18	15♋20	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	2s 2	16n25	5s10	13s51	2s52	5s24	0n43	22n 6	0s 2	13n51	1n 5	22s56	0n26	20s 6	0s42	5s48	1n54	27n10	14n46	5n38	6n 1	18n35			n.a.
W 2	2 26	17 55	5 15	14 13	2 54	5 55	0 41	22 9	0n 0	13 47	1 5	22 56	0 26	20 6	0 42	5 49	1 54	27 10	14 46	5 39	6 2	18 35			n.a.
T 3	2 50	18 36	5 6	14 33	2 56	6 26	0 39	22 13	0 2	13 43	1 5	22 56	0 26	20 6	0 42	5 50	1 54	27 9	14 47	5 40	6 3	18 35			n.a.
F 4	3 14	18 27	4 43	14 50	2 56	6 57	0 37	22 16	0 4	13 40	1 5	22 57	0 26	20 6	0 42	5 51	1 54	27 9	14 47	5 40	6 5	18 34			n.a.
S 5	3 38	17 30	4 9	15 6	2 57	7 28	0 35	22 20	0 6	13 36	1 5	22 57	0 25	20 6	0 42	5 52	1 54	27 9	14 47	5 39	6 6	18 34			n.a.
S 6	4 2	15 46	3 24	15 18	2 56	7 58	0 32	22 23	0 8	13 32	1 5	22 58	0 25	20 6	0 42	5 53	1 54	27 8	14 48	5 39	6 7	18 34			n.a.
M 7	4 26	13 19	2 29	15 28	2 54	8 29	0 30	22 26	0 10	13 28	1 6	22 58	0 25	20 7	0 42	5 54	1 54	27 8	14 48	5 38	6 8	18 34			n.a.
T 8	4 50	10 14	1 26	15 34	2 52	8 59	0 28	22 30	0 12	13 25	1 6	22 58	0 25	20 7	0 42	5 54	1 54	27 8	14 49	5 37	6 9	18 34			n.a.
W 9	5 14	6 37	0 18	15 37	2 48	9 29	0 25	22 33	0 15	13 21	1 6	22 59	0 25	20 7	0 42	5 55	1 54	27 8	14 49	5 37	6 11	18 33			n.a.
T 10	5 37	2 36	0n52	15 36	2 43	9 59	0 23	22 36	0 17	13 17	1 6	22 59	0 25	20 7	0 42	5 56	1 54	27 8	14 49	5 37	6 12	18 33			n.a.
F 11	6 1	1s38	2 2	15 31	2 36	10 28	0 21	22 39	0 19	13 14	1 6	22 59	0 25	20 7	0 42	5 57	1 54	27 7	14 50	5 38	6 13	18 33			n.a.
S 12	6 24	5 53	3 6	15 21	2 28	10 57	0 18	22 41	0 21	13 10	1 6	23 0	0 25	20 7	0 42	5 58	1 54	27 7	14 50	5 39	6 14	18 33			n.a.
S 13	6 48	9 54	4 0	15 7	2 19	11 26	0 16	22 44	0 24	13 7	1 7	23 0	0 25	20 7	0 42	5 59	1 54	27 7	14 51	5 41	6 16	18 32			n.a.
M14	7 11	13 26	4 41	14 47	2 7	11 55	0 14	22 47	0 26	13 3	1 7	23 1	0 24	20 7	0 42	6 0	1 54	27 7	14 51	5 43	6 17	18 32			n.a.
T 15	7 34	16 13	5 5	14 23	1 54	12 23	0 11	22 49	0 28	13 0	1 7	23 1	0 24	20 7	0 42	6 0	1 54	27 7	14 51	5 45	6 18	18 32			n.a.
W16	7 58	18 2	5 11	13 53	1 40	12 52	0 9	22 52	0 31	12 56	1 7	23 1	0 24	20 7	0 42	6 1	1 54	27 7	14 52	5 47	6 19	18 32			n.a.
T 17	8 21	18 43	4 57	13 18	1 23	13 19	0 6	22 54	0 33	12 53	1 7	23 2	0 24	20 7	0 42	6 2	1 54	27 7	14 52	5 48	6 21	18 32			n.a.
F 18	8 43	18 12	4 26	12 39	1 5	13 47	0 4	22 57	0 35	12 49	1 8	23 2	0 24	20 7	0 42	6 3	1 54	27 6	14 53	5 48	6 22	18 31			n.a.
S 19	9 6	16 34	3 38	11 55	0 46	14 14	0 1	22 59	0 38	12 46	1 8	23 3	0 24	20 7	0 42	6 4	1 54	27 6	14 53	5 48	6 23	18 31			n.a.
S 20	9 29	13 57	2 37	11 8	0 26	14 41	0s 1	23 1	0 40	12 43	1 8	23 3	0 24	20 7	0 42	6 5	1 54	27 6	14 54	5 48	6 24	18 31			n.a.
M21	9 51	10 33	1 28	10 20	0 5	15 7	0 4	23 3	0 43	12 39	1 8	23 3	0 24	20 7	0 42	6 6	1 54	27 6	14 54	5 47	6 26	18 31			n.a.
T 22	10 14	6 35	0 14	9 31	0n15	15 33	0 6	23 5	0 46	12 36	1 8	23 4	0 24	20 7	0 42	6 6	1 54	27 6	14 55	5 47	6 27	18 30			n.a.
W23	10 36	2 20	0s59	8 43	0 35	15 59	0 9	23 7	0 48	12 33	1 9	23 4	0 23	20 6	0 42	6 7	1 54	27 6	14 55	5 47	6 28	18 30			n.a.
T 24	10 58	1n59	2 8	7 57	0 55	16 24	0 11	23 9	0 51	12 29	1 9	23 5	0 23	20 6	0 42	6 8	1 54	27 6	14 56	5 48	6 29	18 30			n.a.
F 25	11 20	6 9	3 9	7 14	1 13	16 49	0 14	23 10	0 53	12 26	1 9	23 5	0 23	20 6	0 42	6 9	1 54	27 6	14 56	5 50	6 30	18 30			n.a.
S 26	11 41	9 57	3 59	6 37	1 29	17 13	0 16	23 12	0 56	12 23	1 9	23 5	0 23	20 6	0 42	6 10	1 54	27 6	14 56	5 53	6 32	18 29			n.a.
S 27	12 3	13 12	4 36	6 5	1 44	17 37	0 19	23 13	0 59	12 20	1 9	23 6	0 23	20 6	0 41	6 11	1 54	27 6	14 57	5 56	6 33	18 29			n.a.
M28	12 24	15 48	4 59	5 39	1 56	18 0	0 21	23 15	1 1	12 17	1 10	23 6	0 23	20 6	0 41	6 11	1 54	27 6	14 57	5 59	6 34	18 29			n.a.
T 29	12 45	17 37	5 7	5 20	2 7	18 23	0 24	23 16	1 4	12 14	1 10	23 7	0 23	20 6	0 41	6 12	1 54	27 6	14 58	6 3	6 35	18 28			n.a.
W30	13 6	18 37	5 1	5 6	2 15	18 46	0 26	23 17	1 7	12 11	1 10	23 7	0 23	20 5	0 41	6 13	1 54	27 6	14 58	6 6	6 37	18 28			n.a.
T 31	13s26	18n46	4s42	4s59	2n22	19s 8	0s29	23n18	1n 9	12n 8	1n10	23s 7	0n23	20s 5	0s41	6s14	1n54	27n 7	14n59	6n 8	6n38	18n28			n.a.

Julian Day Number = 1716582.5, Delta T = 02h58m04s
Ecliptic obliquity = 23°41'39, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°14'42, Lahiri = - 4°07'41 Julian Calendar 1 Oct. 14 BCE == Greg. Calendar 29 Sept. 014 BCE

The year -13 astronomical counting style corresponds to year 014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 14 BCE
geocentric

NOVEMBER 14 BCE (-13) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 29 38	6♏21'08	19♋40	18♎13	24♏ 3	9°R35	1♍42	22♐58	4♒12	20♎16	25♌41	14°R30	13♍15	15♋27	n.a.	F 1
S 2	2 33 35	7°22'04	1♌30	18°31	25°18	9♊22	1°50	23° 4	4°12	20°18	25°42	14♍28	13°12	15°33	n.a.	S 2
S 3	2 37 32	8°23'02	13°24	18°57	26°33	9° 8	1°59	23° 9	4°13	20°20	25°43	14°D28	13° 8	15°40	n.a.	S 3
M 4	2 41 28	9°24'00	25°27	19°32	27°48	8°53	2° 7	23°15	4°14	20°22	25°44	14°29	13° 5	15°47	n.a.	M 4
T 5	2 45 25	10°25'01	7♍45	20°14	29° 3	8°37	2°15	23°21	4°15	20°24	25°45	14°30	13° 2	15°53	n.a.	T 5
W 6	2 49 21	11°26'02	20°22	21° 2	0♐18	8°21	2°23	23°27	4°16	20°26	25°46	14°R30	12°59	16° 0	n.a.	W 6
T 7	2 53 18	12°27'05	3♎22	21°56	1°33	8° 4	2°31	23°33	4°17	20°28	25°46	14°28	12°56	16° 7	n.a.	T 7
F 8	2 57 14	13°28'09	16°47	22°55	2°48	7°46	2°39	23°39	4°18	20°31	25°47	14°24	12°53	16°14	n.a.	F 8
S 9	3 1 11	14°29'14	0♏37	23°58	4° 3	7°27	2°47	23°45	4°19	20°33	25°48	14°17	12°49	16°20	n.a.	S 9
S 10	3 5 7	15°30'20	14°49	25° 5	5°18	7° 8	2°54	23°51	4°21	20°35	25°49	14° 8	12°46	16°27	n.a.	S 10
M11	3 9 4	16°31'27	29°20	26°15	6°33	6°48	3° 2	23°57	4°22	20°37	25°49	13°58	12°43	16°34	n.a.	M11
T 12	3 13 1	17°32'35	14♐ 0	27°28	7°48	6°28	3° 9	24° 3	4°23	20°39	25°50	13°47	12°40	16°40	n.a.	T 12
W13	3 16 57	18°33'43	28°43	28°44	9° 3	6° 7	3°16	24° 9	4°25	20°41	25°51	13°38	12°37	16°47	n.a.	W13
T 14	3 20 54	19°34'53	13♑21	0♏ 1	10°18	5°46	3°23	24°15	4°26	20°43	25°51	13°31	12°33	16°54	n.a.	T 14
F 15	3 24 50	20°36'02	27°49	1°21	11°33	5°24	3°30	24°22	4°27	20°45	25°52	13°26	12°30	17° 0	n.a.	F 15
S 16	3 28 47	21°37'12	12♒ 1	2°42	12°48	5° 2	3°36	24°28	4°29	20°47	25°52	13°24	12°27	17° 7	n.a.	S 16
S 17	3 32 43	22°38'22	25°59	4° 4	14° 3	4°39	3°43	24°34	4°31	20°49	25°53	13°D24	12°24	17°14	n.a.	S 17
M18	3 36 40	23°39'33	9♓40	5°28	15°18	4°16	3°49	24°41	4°32	20°51	25°53	13°R24	12°21	17°21	n.a.	M18
T 19	3 40 36	24°40'43	23° 7	6°52	16°33	3°53	3°56	24°47	4°34	20°53	25°54	13°24	12°18	17°27	n.a.	T 19
W20	3 44 33	25°41'54	6♈21	8°18	17°48	3°29	4° 2	24°54	4°35	20°55	25°54	13°22	12°14	17°34	n.a.	W20
T 21	3 48 30	26°43'06	19°24	9°44	19° 3	3° 6	4° 8	25° 0	4°37	20°57	25°54	13°17	12°11	17°41	n.a.	T 21
F 22	3 52 26	27°44'17	2♉15	11°11	20°17	2°42	4°13	25° 7	4°39	20°59	25°55	13° 9	12° 8	17°47	n.a.	F 22
S 23	3 56 23	28°45'29	14°57	12°39	21°32	2°18	4°19	25°13	4°41	21° 1	25°55	12°58	12° 5	17°54	n.a.	S 23
S 24	4 0 19	29°46'41	27°28	14° 7	22°47	1°54	4°24	25°20	4°43	21° 3	25°55	12°45	12° 2	18° 1	n.a.	S 24
M25	4 4 16	0♐47'54	9♊48	15°36	24° 2	1°30	4°30	25°27	4°45	21° 4	25°55	12°31	11°59	18° 7	n.a.	M25
T 26	4 8 12	1°49'07	21°59	17° 5	25°17	1° 7	4°35	25°33	4°46	21° 6	25°56	12°17	11°55	18°14	n.a.	T 26
W27	4 12 9	2°50'20	4♋ 1	18°35	26°31	0°43	4°40	25°40	4°48	21° 8	25°56	12° 4	11°52	18°21	n.a.	W27
T 28	4 16 5	3°51'34	15°55	20° 5	27°46	0°20	4°45	25°47	4°50	21°10	25°56	11°53	11°49	18°28	n.a.	T 28
F 29	4 20 2	4°52'48	27°45	21°35	29° 1	29♉56	4°49	25°54	4°53	21°12	25°56	11°45	11°46	18°34	n.a.	F 29
S 30	4 23 59	5♐54'02	9♌33	23♏ 6	0♑16	29♉33	4♍54	26♐ 1	4♒55	21♎13	25♌56	11♍40	11♍43	18♋41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13s47	18n 5	4s12	4s57	2n27	19s29	0s31	23n19	1n12	12n 5	1n11	23s 8	0n23	20s 5	0s41	6s15	1n54	27n 7	14n59	6n10	6n39	18n28		n.a.
S 2	14 7	16 37	3 30	5 1	2 30	19 50	0 33	23 20	1 15	12 2	1 11	23 8	0 22	20 5	0 41	6 16	1 54	27 7	15 0	6 11	6 40	18 27		n.a.
S 3	14 27	14 26	2 39	5 9	2 32	20 10	0 36	23 20	1 18	11 59	1 11	23 9	0 22	20 4	0 41	6 16	1 54	27 7	15 0	6 11	6 42	18 27		n.a.
M 4	14 47	11 36	1 40	5 22	2 33	20 30	0 38	23 20	1 21	11 56	1 11	23 9	0 22	20 4	0 41	6 17	1 54	27 7	15 1	6 10	6 43	18 27		n.a.
T 5	15 6	8 12	0 36	5 39	2 32	20 49	0 41	23 21	1 23	11 54	1 12	23 9	0 22	20 4	0 41	6 18	1 54	27 7	15 1	6 10	6 44	18 26		n.a.
W 6	15 25	4 20	0n31	5 58	2 30	21 8	0 43	23 21	1 26	11 51	1 12	23 10	0 22	20 4	0 41	6 19	1 54	27 7	15 2	6 10	6 45	18 26		n.a.
T 7	15 44	0 10	1 39	6 21	2 28	21 26	0 45	23 21	1 29	11 48	1 12	23 10	0 22	20 3	0 41	6 20	1 54	27 8	15 3	6 11	6 46	18 26		n.a.
F 8	16 3	4s 9	2 44	6 46	2 24	21 43	0 48	23 21	1 32	11 46	1 12	23 11	0 22	20 3	0 41	6 20	1 54	27 8	15 3	6 12	6 48	18 26		n.a.
S 9	16 21	8 22	3 40	7 13	2 20	22 0	0 50	23 20	1 34	11 43	1 13	23 11	0 22	20 3	0 41	6 21	1 54	27 8	15 4	6 15	6 49	18 25		n.a.
S 10	16 39	12 14	4 25	7 42	2 16	22 16	0 52	23 20	1 37	11 41	1 13	23 11	0 22	20 2	0 41	6 22	1 54	27 8	15 4	6 18	6 50	18 25		n.a.
M11	16 57	15 27	4 53	8 13	2 11	22 32	0 54	23 19	1 40	11 38	1 13	23 12	0 22	20 2	0 41	6 23	1 54	27 8	15 5	6 22	6 51	18 25		n.a.
T 12	17 15	17 42	5 3	8 44	2 5	22 47	0 57	23 18	1 42	11 36	1 13	23 12	0 21	20 2	0 41	6 23	1 54	27 9	15 5	6 26	6 53	18 24		n.a.
W13	17 32	18 48	4 53	9 17	1 59	23 1	0 59	23 17	1 45	11 33	1 14	23 12	0 21	20 1	0 41	6 24	1 54	27 9	15 6	6 30	6 54	18 24		n.a.
T 14	17 49	18 39	4 23	9 50	1 53	23 14	1 1	23 16	1 48	11 31	1 14	23 13	0 21	20 1	0 41	6 25	1 54	27 9	15 6	6 33	6 55	18 24		n.a.
F 15	18 5	17 16	3 37	10 24	1 47	23 27	1 3	23 14	1 50	11 29	1 14	23 13	0 21	20 1	0 41	6 26	1 54	27 10	15 7	6 35	6 56	18 23		n.a.
S 16	18 22	14 50	2 39	10 58	1 40	23 39	1 5	23 13	1 53	11 27	1 14	23 14	0 21	20 0	0 41	6 26	1 54	27 10	15 7	6 35	6 58	18 23		n.a.
S 17	18 38	11 34	1 31	11 33	1 33	23 51	1 7	23 11	1 55	11 24	1 15	23 14	0 21	20 0	0 41	6 27	1 54	27 10	15 8	6 36	6 59	18 23		n.a.
M18	18 53	7 43	0 20	12 8	1 26	24 1	1 9	23 9	1 58	11 22	1 15	23 14	0 21	20 0	0 41	6 28	1 54	27 10	15 8	6 35	7 0	18 22		n.a.
T 19	19 8	3 33	0s51	12 43	1 19	24 11	1 11	23 7	2 0	11 20	1 15	23 15	0 21	19 59	0 41	6 28	1 54	27 11	15 9	6 36	7 1	18 22		n.a.
W20	19 23	0n44	1 59	13 17	1 12	24 20	1 13	23 5	2 3	11 18	1 15	23 15	0 21	19 59	0 41	6 29	1 54	27 11	15 9	6 36	7 2	18 22		n.a.
T 21	19 38	4 55	2 58	13 52	1 5	24 29	1 15	23 2	2 5	11 16	1 16	23 15	0 21	19 58	0 41	6 30	1 54	27 12	15 10	6 38	7 4	18 21		n.a.
F 22	19 52	8 49	3 48	14 26	0 57	24 37	1 17	23 0	2 7	11 14	1 16	23 16	0 21	19 58	0 41	6 31	1 54	27 12	15 10	6 41	7 5	18 21		n.a.
S 23	20 6	12 16	4 26	15 0	0 50	24 44	1 19	22 57	2 9	11 13	1 16	23 16	0 20	19 57	0 41	6 31	1 54	27 12	15 11	6 46	7 6	18 21		n.a.
S 24	20 19	15 6	4 50	15 34	0 43	24 50	1 20	22 55	2 12	11 11	1 16	23 16	0 20	19 57	0 41	6 32	1 54	27 13	15 12	6 51	7 7	18 20		n.a.
M25	20 32	17 13	5 0	16 7	0 35	24 55	1 22	22 52	2 14	11 9	1 17	23 17	0 20	19 56	0 41	6 33	1 54	27 13	15 12	6 56	7 9	18 20		n.a.
T 26	20 45	18 32	4 56	16 40	0 28	25 0	1 24	22 49	2 16	11 8	1 17	23 17	0 20	19 56	0 41	6 33	1 54	27 14	15 13	7 2	7 10	18 19		n.a.
W27	20 57	18 59	4 39	17 12	0 21	25 4	1 25	22 46	2 18	11 6	1 17	23 17	0 20	19 55	0 41	6 34	1 55	27 14	15 13	7 7	7 11	18 19		n.a.
T 28	21 9	18 36	4 10	17 44	0 14	25 7	1 27	22 42	2 20	11 4	1 18	23 18	0 20	19 55	0 41	6 34	1 55	27 14	15 14	7 11	7 12	18 19		n.a.
F 29	21 20	17 24	3 30	18 15	0 7	25 9	1 28	22 39	2 21	11 3	1 18	23 18	0 20	19 54	0 41	6 35	1 55	27 15	15 14	7 14	7 13	18 18		n.a.
S 30	21s31	15n28	2s41	18s45	0s 1	25s11	1s29	22n36	2n23	11n 2	1n18	23s18	0n20	19s54	0s40	6s36	1n55	27n15	15n15	7n16	7n15	18n18		n.a.

Julian Day Number = 1716613.5, Delta T = 02h58m03s
Ecliptic obliquity = 23°41'39, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°14'37, Lahiri = - 4°07'37 Julian Calendar 1 Nov. 14 BCE == Greg. Calendar 30 Oct. 014 BCE

The year -13 astronomical counting style corresponds to year 014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 14 BCE
geocentric

DECEMBER 14 BCE (-13) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 27 55	6♐55'17	21♌25	24♏37	1♑30	29°R10	4♍58	26♐ 7	4♒57	21♎15	25°R56	11°R37	11♍39	18♋48	n.a.	S 1
M 2	4 31 52	7°56'32	3♍25	26° 9	2°45	28♉48	5° 2	26°14	4°59	21°17	25♌56	11♍37	11°36	18°54	n.a.	M 2
T 3	4 35 48	8°57'47	15°38	27°40	4° 0	28°26	5° 6	26°21	5° 1	21°18	25°56	11°37	11°33	19° 1	n.a.	T 3
W 4	4 39 45	9°59'03	28°11	29°13	5°14	28° 4	5°10	26°28	5° 4	21°20	25°56	11°36	11°30	19° 8	n.a.	W 4
T 5	4 43 41	11° 0'18	11♎ 8	0♐45	6°29	27°43	5°13	26°35	5° 6	21°22	25°56	11°34	11°27	19°14	n.a.	T 5
F 6	4 47 38	12° 1'34	24°33	2°18	7°43	27°22	5°17	26°42	5° 8	21°23	25°56	11°29	11°24	19°21	n.a.	F 6
S 7	4 51 34	13° 2'50	8♏27	3°51	8°58	27° 2	5°20	26°49	5°11	21°25	25°55	11°21	11°20	19°28	n.a.	S 7
S 8	4 55 31	14° 4'06	22°50	5°25	10°13	26°43	5°23	26°56	5°13	21°26	25°55	11°11	11°17	19°34	n.a.	S 8
M 9	4 59 28	15° 5'22	7♐36	6°59	11°27	26°24	5°26	27° 3	5°16	21°28	25°55	10°59	11°14	19°41	n.a.	M 9
T 10	5 3 24	16° 6'38	22°38	8°33	12°42	26° 5	5°29	27°10	5°18	21°29	25°55	10°47	11°11	19°48	n.a.	T 10
W11	5 7 21	17° 7'54	7♑46	10° 8	13°56	25°48	5°31	27°17	5°21	21°31	25°54	10°36	11° 8	19°55	n.a.	W11
T 12	5 11 17	18° 9'09	22°49	11°43	15°11	25°31	5°34	27°24	5°23	21°32	25°54	10°27	11° 5	20° 1	n.a.	T 12
F 13	5 15 14	19°10'23	7♒39	13°18	16°25	25°15	5°36	27°31	5°26	21°34	25°54	10°21	11° 1	20° 8	n.a.	F 13
S 14	5 19 10	20°11'37	22° 9	14°54	17°39	24°59	5°38	27°38	5°28	21°35	25°53	10°18	10°58	20°15	n.a.	S 14
S 15	5 23 7	21°12'50	6♓16	16°31	18°54	24°44	5°39	27°45	5°31	21°37	25°53	10°D17	10°55	20°21	n.a.	S 15
M16	5 27 4	22°14'02	20° 0	18° 7	20° 8	24°30	5°41	27°52	5°34	21°38	25°52	10°R17	10°52	20°28	n.a.	M16
T 17	5 31 0	23°15'14	3♈23	19°45	21°23	24°17	5°42	28° 0	5°37	21°39	25°52	10°17	10°49	20°35	n.a.	T 17
W18	5 34 57	24°16'24	16°27	21°23	22°37	24° 5	5°44	28° 7	5°39	21°40	25°51	10°15	10°45	20°41	n.a.	W18
T 19	5 38 53	25°17'34	29°15	23° 1	23°51	23°53	5°45	28°14	5°42	21°42	25°51	10°11	10°42	20°48	n.a.	T 19
F 20	5 42 50	26°18'43	11♉50	24°40	25° 5	23°42	5°45	28°21	5°45	21°43	25°50	10° 3	10°39	20°55	n.a.	F 20
S 21	5 46 46	27°19'50	24°15	26°19	26°19	23°32	5°46	28°28	5°48	21°44	25°49	9°53	10°36	21° 1	n.a.	S 21
S 22	5 50 43	28°20'57	6♊30	27°59	27°34	23°23	5°46	28°35	5°51	21°45	25°49	9°41	10°33	21° 8	n.a.	S 22
M23	5 54 39	29°22'04	18°38	29°40	28°48	23°15	5°47	28°42	5°54	21°46	25°48	9°27	10°30	21°15	n.a.	M23
T 24	5 58 36	0♑23'09	0♋40	1♑21	0♒ 2	23° 7	5°R47	28°49	5°57	21°48	25°47	9°13	10°26	21°22	n.a.	T 24
W25	6 2 33	1°24'14	12°35	3° 2	1°16	23° 1	5°47	28°57	6° 0	21°49	25°47	9° 1	10°23	21°28	n.a.	W25
T 26	6 6 29	2°25'17	24°27	4°44	2°30	22°55	5°46	29° 4	6° 3	21°50	25°46	8°50	10°20	21°35	n.a.	T 26
F 27	6 10 26	3°26'20	6♌16	6°27	3°44	22°50	5°46	29°11	6° 6	21°51	25°45	8°43	10°17	21°42	n.a.	F 27
S 28	6 14 22	4°27'22	18° 5	8°11	4°58	22°45	5°45	29°18	6° 9	21°52	25°44	8°38	10°14	21°48	n.a.	S 28
S 29	6 18 19	5°28'24	29°57	9°54	6°12	22°42	5°44	29°25	6°12	21°53	25°43	8°35	10°11	21°55	n.a.	S 29
M30	6 22 15	6°29'24	11♍56	11°39	7°25	22°39	5°43	29°32	6°15	21°53	25°42	8°D35	10° 7	22° 2	n.a.	M30
T 31	6 26 12	7♑30'24	24♍ 8	13♑24	8♒39	22♉37	5♍42	29♐39	6♒18	21♎54	25♌41	8♍36	10♍ 4	22♋ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21 s42	12n52	1 s45	19 s15	0 s 7	25 s12	1 s31	22n32	2n25	11n 0	1n18	23 s18	0n20	19 s53	0 s40	6 s36	1n55	27n16	15n15	7n17	7n16	18n18			n.a.
M 2	21 52	9 41	0 43	19 44	0 14	25 12	1 32	22 29	2 26	10 59	1 19	23 19	0 20	19 53	0 40	6 37	1 55	27 16	15 16	7 17	7 17	18 17			n.a.
T 3	22 2	6 3	0n21	20 12	0 21	25 11	1 33	22 25	2 28	10 58	1 19	23 19	0 20	19 52	0 40	6 37	1 55	27 17	15 16	7 17	7 18	18 17			n.a.
W 4	22 11	2 3	1 27	20 39	0 28	25 10	1 34	22 22	2 29	10 57	1 19	23 19	0 19	19 51	0 40	6 38	1 55	27 17	15 17	7 17	7 20	18 16			n.a.
T 5	22 20	2 s10	2 29	21 5	0 34	25 7	1 35	22 18	2 31	10 56	1 20	23 20	0 19	19 51	0 40	6 39	1 55	27 18	15 17	7 18	7 21	18 16			n.a.
F 6	22 28	6 25	3 26	21 30	0 40	25 4	1 36	22 15	2 32	10 55	1 20	23 20	0 19	19 50	0 40	6 39	1 55	27 19	15 18	7 20	7 22	18 16			n.a.
S 7	22 36	10 29	4 13	21 54	0 47	25 0	1 37	22 11	2 33	10 54	1 20	23 20	0 19	19 50	0 40	6 40	1 55	27 19	15 19	7 23	7 23	18 15			n.a.
S 8	22 44	14 5	4 45	22 18	0 53	24 56	1 38	22 8	2 35	10 53	1 21	23 20	0 19	19 49	0 40	6 40	1 55	27 20	15 19	7 27	7 24	18 15			n.a.
M 9	22 51	16 53	5 0	22 40	0 59	24 50	1 39	22 4	2 36	10 52	1 21	23 21	0 19	19 48	0 40	6 41	1 55	27 20	15 20	7 31	7 26	18 14			n.a.
T 10	22 58	18 36	4 54	23 1	1 4	24 44	1 40	22 1	2 37	10 51	1 21	23 21	0 19	19 48	0 40	6 41	1 55	27 21	15 20	7 36	7 27	18 14			n.a.
W11	23 4	19 1	4 28	23 21	1 10	24 37	1 41	21 58	2 38	10 51	1 21	23 21	0 19	19 47	0 40	6 42	1 55	27 21	15 21	7 40	7 28	18 14			n.a.
T 12	23 10	18 5	3 43	23 40	1 15	24 30	1 41	21 54	2 38	10 50	1 22	23 21	0 19	19 46	0 40	6 42	1 55	27 22	15 21	7 44	7 29	18 13			n.a.
F 13	23 15	15 55	2 43	23 58	1 20	24 21	1 42	21 51	2 39	10 50	1 22	23 21	0 19	19 46	0 40	6 43	1 55	27 23	15 22	7 46	7 31	18 13			n.a.
S 14	23 20	12 47	1 34	24 14	1 25	24 12	1 42	21 48	2 40	10 49	1 22	23 22	0 19	19 45	0 40	6 43	1 55	27 23	15 22	7 47	7 32	18 12			n.a.
S 15	23 24	8 59	0 21	24 29	1 30	24 2	1 43	21 45	2 41	10 49	1 23	23 22	0 19	19 44	0 40	6 44	1 55	27 24	15 23	7 47	7 33	18 12			n.a.
M16	23 28	4 47	0 s51	24 43	1 34	23 52	1 43	21 42	2 41	10 48	1 23	23 22	0 19	19 44	0 40	6 44	1 55	27 25	15 23	7 47	7 34	18 12			n.a.
T 17	23 31	0 28	1 59	24 55	1 38	23 40	1 43	21 39	2 42	10 48	1 23	23 22	0 18	19 43	0 40	6 45	1 56	27 25	15 24	7 48	7 35	18 11			n.a.
W18	23 34	3n47	2 59	25 6	1 42	23 28	1 43	21 37	2 42	10 48	1 24	23 22	0 18	19 42	0 40	6 45	1 56	27 26	15 24	7 48	7 37	18 11			n.a.
T 19	23 37	7 46	3 49	25 16	1 46	23 16	1 43	21 34	2 43	10 48	1 24	23 23	0 18	19 42	0 40	6 45	1 56	27 27	15 25	7 50	7 38	18 10			n.a.
F 20	23 39	11 20	4 26	25 24	1 49	23 2	1 43	21 32	2 43	10 48	1 24	23 23	0 18	19 41	0 40	6 46	1 56	27 27	15 25	7 53	7 39	18 10			n.a.
S 21	23 40	14 21	4 50	25 30	1 52	22 48	1 43	21 29	2 43	10 48	1 24	23 23	0 18	19 40	0 40	6 46	1 56	27 28	15 26	7 57	7 40	18 9			n.a.
S 22	23 41	16 41	5 1	25 35	1 54	22 33	1 43	21 27	2 44	10 48	1 25	23 23	0 18	19 39	0 40	6 47	1 56	27 29	15 26	8 1	7 41	18 9			n.a.
M23	23 42	18 16	4 57	25 38	1 57	22 18	1 43	21 25	2 44	10 48	1 25	23 23	0 18	19 39	0 40	6 47	1 56	27 29	15 27	8 7	7 43	18 8			n.a.
T 24	23 42	19 1	4 41	25 40	1 59	22 2	1 43	21 24	2 44	10 49	1 25	23 23	0 18	19 38	0 40	6 47	1 56	27 30	15 27	8 12	7 44	18 8			n.a.
W25	23 41	18 55	4 12	25 40	2 0	21 45	1 42	21 22	2 44	10 49	1 26	23 24	0 18	19 37	0 40	6 48	1 56	27 31	15 28	8 16	7 45	18 8			n.a.
T 26	23 40	17 59	3 32	25 38	2 2	21 28	1 42	21 21	2 44	10 49	1 26	23 24	0 18	19 36	0 40	6 48	1 56	27 31	15 28	8 20	7 46	18 7			n.a.
F 27	23 39	16 16	2 43	25 34	2 2	21 10	1 41	21 19	2 44	10 50	1 26	23 24	0 18	19 36	0 40	6 48	1 56	27 32	15 29	8 23	7 48	18 7			n.a.
S 28	23 37	13 53	1 47	25 29	2 3	20 51	1 41	21 18	2 44	10 50	1 27	23 24	0 18	19 35	0 40	6 49	1 56	27 33	15 29	8 25	7 49	18 6			n.a.
S 29	23 35	10 54	0 46	25 21	2 3	20 32	1 40	21 17	2 44	10 51	1 27	23 24	0 18	19 34	0 40	6 49	1 56	27 34	15 29	8 26	7 50	18 6			n.a.
M30	23 32	7 26	0n18	25 12	2 2	20 12	1 39	21 16	2 44	10 52	1 27	23 24	0 18	19 33	0 40	6 49	1 56	27 34	15 30	8 26	7 51	18 5			n.a.
T 31	23 s29	3n37	1n22	25 s 1	2 s 1	19 s52	1 s38	21n16	2n44	10n52	1n27	23 s24	0n17	19 s32	0 s40	6 s50	1n56	27n35	15n30	8n26	7n52	18n 5			n.a.

Julian Day Number = 1716643.5, Delta T = 02h58m02s
Ecliptic obliquity = 23°41'38, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°14'33, Lahiri = - 4°07'33 Julian Calendar 1 Dec. 14 BCE == Greg. Calendar 29 Nov. 014 BCE

The year -13 astronomical counting style corresponds to year 014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 13 BCE
geocentric

JANUARY 13 BCE (-12) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 30 8	8♉31'22	6♎37	15♉ 9	9♒53	22°R36	5°R40	29♐46	6♒21	21♎55	25°R40	8°R36	10♍ 1	22♋15	n.a.	W 1
T 2	6 34 5	9°32'20	19°28	16°54	11° 7	22°D35	5♍39	29°53	6°24	21°56	25♏40	8♍36	9°58	22°22	n.a.	T 2
F 3	6 38 2	10°33'17	2♏45	18°40	12°20	22♉36	5°37	0♉ 0	6°27	21°57	25°39	8°33	9°55	22°28	n.a.	F 3
S 4	6 41 58	11°34'14	16°32	20°26	13°34	22°37	5°35	0° 7	6°31	21°58	25°37	8°29	9°51	22°35	n.a.	S 4
S 5	6 45 55	12°35'09	0♐48	22°13	14°47	22°39	5°33	0°15	6°34	21°58	25°36	8°22	9°48	22°42	n.a.	S 5
M 6	6 49 51	13°36'03	15°32	23°59	16° 1	22°41	5°30	0°22	6°37	21°59	25°35	8°14	9°45	22°49	n.a.	M 6
T 7	6 53 48	14°36'57	0♑38	25°45	17°14	22°44	5°27	0°29	6°40	22° 0	25°34	8° 5	9°42	22°55	n.a.	T 7
W 8	6 57 44	15°37'49	15°54	27°30	18°28	22°48	5°25	0°36	6°44	22° 0	25°33	7°57	9°39	23° 2	n.a.	W 8
T 9	7 1 41	16°38'40	1♒12	29°15	19°41	22°53	5°22	0°42	6°47	22° 1	25°32	7°50	9°36	23° 9	n.a.	T 9
F 10	7 5 37	17°39'29	16°19	0♒59	20°54	22°58	5°19	0°49	6°50	22° 1	25°31	7°46	9°32	23°15	n.a.	F 10
S 11	7 9 34	18°40'16	1♓ 7	2°42	22° 8	23° 4	5°15	0°56	6°53	22° 2	25°30	7°D44	9°29	23°22	n.a.	S 11
S 12	7 13 31	19°41'02	15°31	4°23	23°21	23°11	5°12	1° 3	6°57	22° 2	25°28	7°44	9°26	23°29	n.a.	S 12
M13	7 17 27	20°41'46	29°27	6° 2	24°34	23°19	5° 8	1°10	7° 0	22° 3	25°27	7°45	9°23	23°35	n.a.	M13
T 14	7 21 24	21°42'29	12♈58	7°38	25°47	23°27	5° 4	1°17	7° 3	22° 3	25°26	7°46	9°20	23°42	n.a.	T 14
W15	7 25 20	22°43'09	26° 4	9°11	27° 0	23°35	5° 0	1°24	7° 7	22° 4	25°25	7°R47	9°17	23°49	n.a.	W15
T 16	7 29 17	23°43'48	8♉50	10°41	28°13	23°44	4°56	1°31	7°10	22° 4	25°23	7°45	9°13	23°55	n.a.	T 16
F 17	7 33 13	24°44'25	21°19	12° 7	29°26	23°54	4°51	1°37	7°14	22° 4	25°22	7°42	9°10	24° 2	n.a.	F 17
S 18	7 37 10	25°45'00	3♊34	13°27	0♓38	24° 5	4°47	1°44	7°17	22° 5	25°21	7°37	9° 7	24° 9	n.a.	S 18
S 19	7 41 6	26°45'33	15°40	14°42	1°51	24°16	4°42	1°51	7°20	22° 5	25°19	7°30	9° 4	24°15	n.a.	S 19
M20	7 45 3	27°46'05	27°39	15°51	3° 4	24°27	4°37	1°57	7°24	22° 5	25°18	7°23	9° 1	24°22	n.a.	M20
T 21	7 49 0	28°46'34	9♋32	16°53	4°16	24°39	4°32	2° 4	7°27	22° 5	25°17	7°15	8°57	24°29	n.a.	T 21
W22	7 52 56	29°47'02	21°23	17°47	5°29	24°52	4°27	2°11	7°31	22° 5	25°15	7° 8	8°54	24°36	n.a.	W22
T 23	7 56 53	0♒47'28	3♌13	18°33	6°41	25° 5	4°22	2°17	7°34	22° 5	25°14	7° 2	8°51	24°42	n.a.	T 23
F 24	8 0 49	1°47'53	15° 4	19°10	7°53	25°19	4°16	2°24	7°38	22° 5	25°12	6°58	8°48	24°49	n.a.	F 24
S 25	8 4 46	2°48'15	26°57	19°38	9° 6	25°33	4°11	2°30	7°41	22° 6	25°11	6°56	8°45	24°56	n.a.	S 25
S 26	8 8 42	3°48'36	8♍56	19°56	10°18	25°48	4° 5	2°37	7°44	22°R 6	25° 9	6°D55	8°42	25° 2	n.a.	S 26
M27	8 12 39	4°48'55	21° 2	20°R 4	11°30	26° 3	3°59	2°43	7°48	22° 5	25° 8	6°56	8°38	25° 9	n.a.	M27
T 28	8 16 35	5°49'13	3♎19	20° 3	12°42	26°18	3°53	2°50	7°51	22° 5	25° 6	6°58	8°35	25°16	n.a.	T 28
W29	8 20 32	6°49'29	15°50	19°51	13°54	26°34	3°47	2°56	7°55	22° 5	25° 5	6°59	8°32	25°22	n.a.	W29
T 30	8 24 29	7°49'43	28°40	19°31	15° 5	26°51	3°41	3° 2	7°58	22° 5	25° 3	7° 1	8°29	25°29	n.a.	T 30
F 31	8 28 25	8♒49'56	11♏53	19♒ 1	16♓17	27♉ 8	3♍34	3♉ 8	8♒ 2	22♎ 5	25♏ 2	7°R 1	8♍26	25♋36	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23s25	0s27	2n24	24s48	1s59	19s31	1s37	21n15	2n44	10n53	1n28	23s24	0n17	19s32	0s40	6s50	1n56	27n36	15n31	8n26	7n54	18n 4			n.a.
T 2	23 21	4 36	3 21	24 33	1 57	19 10	1 36	21 15	2 44	10 54	1 28	23 24	0 17	19 31	0 40	6 50	1 57	27 37	15 31	8 26	7 55	18 4			n.a.
F 3	23 16	8 40	4 9	24 16	1 55	18 48	1 35	21 15	2 44	10 55	1 28	23 24	0 17	19 30	0 40	6 50	1 57	27 37	15 32	8 27	7 56	18 3			n.a.
S 4	23 11	12 25	4 44	23 57	1 51	18 26	1 34	21 15	2 43	10 56	1 29	23 24	0 17	19 29	0 40	6 50	1 57	27 38	15 32	8 29	7 57	18 3			n.a.
S 5	23 5	15 35	5 3	23 36	1 47	18 3	1 33	21 15	2 43	10 57	1 29	23 25	0 17	19 28	0 40	6 51	1 57	27 39	15 32	8 31	7 58	18 2			n.a.
M 6	22 59	17 52	5 3	23 14	1 43	17 39	1 31	21 16	2 43	10 58	1 29	23 25	0 17	19 28	0 40	6 51	1 57	27 40	15 33	8 34	8 0	18 2			n.a.
T 7	22 53	18 59	4 43	22 49	1 38	17 16	1 30	21 16	2 42	11 0	1 30	23 25	0 17	19 27	0 40	6 51	1 57	27 40	15 33	8 38	8 1	18 1			n.a.
W 8	22 46	18 44	4 2	22 23	1 32	16 51	1 28	21 17	2 42	11 1	1 30	23 25	0 17	19 26	0 40	6 51	1 57	27 41	15 34	8 41	8 2	18 1			n.a.
T 9	22 39	17 7	3 4	21 55	1 25	16 27	1 27	21 18	2 42	11 2	1 30	23 25	0 17	19 25	0 40	6 51	1 57	27 42	15 34	8 43	8 3	18 0			n.a.
F 10	22 31	14 19	1 53	21 25	1 17	16 1	1 25	21 19	2 41	11 4	1 30	23 25	0 17	19 24	0 40	6 52	1 57	27 43	15 34	8 45	8 4	18 0			n.a.
S 11	22 23	10 38	0 36	20 53	1 9	15 36	1 23	21 20	2 41	11 5	1 31	23 25	0 17	19 23	0 40	6 52	1 57	27 43	15 35	8 45	8 6	17 59			n.a.
S 12	22 14	6 25	0s42	20 21	1 0	15 10	1 22	21 21	2 41	11 7	1 31	23 25	0 17	19 22	0 40	6 52	1 57	27 44	15 35	8 45	8 7	17 59			n.a.
M13	22 5	1 58	1 55	19 47	0 50	14 43	1 20	21 23	2 40	11 8	1 31	23 25	0 17	19 22	0 40	6 52	1 57	27 45	15 35	8 45	8 8	17 58			n.a.
T 14	21 55	2n26	2 59	19 12	0 40	14 17	1 18	21 24	2 40	11 10	1 31	23 25	0 16	19 21	0 40	6 52	1 57	27 46	15 36	8 45	8 9	17 58			n.a.
W15	21 45	6 35	3 51	18 36	0 28	13 50	1 16	21 26	2 39	11 12	1 32	23 25	0 16	19 20	0 40	6 52	1 57	27 47	15 36	8 44	8 11	17 57			n.a.
T 16	21 35	10 19	4 31	18 0	0 16	13 22	1 14	21 28	2 39	11 14	1 32	23 25	0 16	19 19	0 40	6 52	1 57	27 47	15 36	8 45	8 12	17 57			n.a.
F 17	21 24	13 30	4 57	17 24	0 3	12 54	1 11	21 30	2 38	11 16	1 32	23 25	0 16	19 18	0 40	6 52	1 57	27 48	15 37	8 46	8 13	17 56			n.a.
S 18	21 13	16 2	5 9	16 48	0n11	12 26	1 9	21 32	2 38	11 17	1 33	23 25	0 16	19 17	0 40	6 52	1 58	27 49	15 37	8 48	8 14	17 56			n.a.
S 19	21 2	17 50	5 6	16 12	0 25	11 58	1 7	21 34	2 37	11 19	1 33	23 25	0 16	19 16	0 40	6 52	1 58	27 50	15 37	8 51	8 15	17 55			n.a.
M20	20 50	18 50	4 50	15 37	0 40	11 29	1 4	21 37	2 37	11 21	1 33	23 25	0 16	19 15	0 40	6 52	1 58	27 50	15 38	8 54	8 17	17 55			n.a.
T 21	20 37	18 59	4 22	15 4	0 55	11 0	1 2	21 39	2 36	11 24	1 33	23 25	0 16	19 15	0 40	6 52	1 58	27 51	15 38	8 56	8 18	17 54			n.a.
W22	20 25	18 19	3 43	14 32	1 11	10 31	0 59	21 42	2 36	11 26	1 34	23 25	0 16	19 14	0 40	6 52	1 58	27 52	15 38	8 59	8 19	17 53			n.a.
T 23	20 12	16 50	2 53	14 3	1 27	10 2	0 57	21 45	2 35	11 28	1 34	23 25	0 16	19 13	0 40	6 52	1 58	27 53	15 39	9 1	8 20	17 53			n.a.
F 24	19 58	14 38	1 57	13 36	1 43	9 32	0 54	21 48	2 35	11 30	1 34	23 24	0 16	19 12	0 40	6 52	1 58	27 53	15 39	9 3	8 21	17 52			n.a.
S 25	19 44	11 49	0 54	13 12	1 59	9 2	0 51	21 51	2 34	11 32	1 34	23 24	0 16	19 11	0 40	6 52	1 58	27 54	15 39	9 4	8 23	17 52			n.a.
S 26	19 30	8 29	0n11	12 51	2 15	8 32	0 48	21 54	2 33	11 35	1 34	23 24	0 16	19 10	0 40	6 52	1 58	27 55	15 39	9 4	8 24	17 51			n.a.
M27	19 16	4 46	1 17	12 34	2 30	8 2	0 46	21 57	2 33	11 37	1 35	23 24	0 16	19 9	0 40	6 52	1 58	27 56	15 40	9 4	8 25	17 51			n.a.
T 28	19 1	0 48	2 20	12 21	2 45	7 31	0 43	22 0	2 32	11 39	1 35	23 24	0 16	19 8	0 40	6 52	1 58	27 56	15 40	9 3	8 26	17 50			n.a.
W29	18 46	3s16	3 17	12 12	2 59	7 0	0 40	22 3	2 32	11 42	1 35	23 24	0 16	19 7	0 40	6 52	1 58	27 57	15 40	9 2	8 27	17 49			n.a.
T 30	18 30	7 16	4 7	12 6	3 11	6 30	0 36	22 6	2 31	11 44	1 35	23 24	0 15	19 6	0 40	6 52	1 58	27 58	15 40	9 2	8 29	17 49			n.a.
F 31	18s15	11s 3	4n45	12s 5	3n22	5s59	0s33	22n10	2n31	11n47	1n35	23s24	0n15	19s 6	0s40	6s52	1n58	27n59	15n40	9n 2	8n30	17n48			n.a.

Julian Day Number = 1716674.5, Delta T = 02h58m01s
Ecliptic obliquity = 23°41'38, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°14'29, Lahiri = - 4°07'29 Julian Calendar 1 Jan. 13 BCE == Greg. Calendar 30 Dec. 014 BCE

The year -12 astronomical counting style corresponds to year 013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 13 BCE
geocentric

FEBRUARY 13 BCE (-12) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 32 22	9♒50'07	25♏30	18°R23	17♓29	27♉25	3°R28	3♋15	8♒ 5	22°R 5	25°R 0	7°R 0	8♍23	25♋42	n.a.	S 1
S 2	8 36 18	10°50'17	9♐33	17♒38	18°40	27°43	3♍21	3°21	8° 9	22♎ 5	24♌59	6♍58	8°19	25°49	n.a.	S 2
M 3	8 40 15	11°50'25	24° 2	16°47	19°52	28° 1	3°15	3°27	8°12	22° 4	24°57	6°55	8°16	25°56	n.a.	M 3
T 4	8 44 11	12°50'31	8♋53	15°51	21° 3	28°19	3° 8	3°33	8°16	22° 4	24°56	6°51	8°13	26° 2	n.a.	T 4
W 5	8 48 8	13°50'36	23°58	14°52	22°14	28°38	3° 1	3°39	8°19	22° 4	24°54	6°48	8°10	26° 9	n.a.	W 5
T 6	8 52 4	14°50'38	9♒10	13°52	23°25	28°58	2°54	3°45	8°22	22° 3	24°53	6°46	8° 7	26°16	n.a.	T 6
F 7	8 56 1	15°50'39	24°18	12°50	24°36	29°17	2°47	3°51	8°26	22° 3	24°51	6°44	8° 3	26°22	n.a.	F 7
S 8	8 59 58	16°50'38	9♓13	11°50	25°47	29°37	2°40	3°57	8°29	22° 3	24°49	6°D44	8° 0	26°29	n.a.	S 8
S 9	9 3 54	17°50'34	23°47	10°52	26°58	29°58	2°32	4° 3	8°33	22° 2	24°48	6°44	7°57	26°36	n.a.	S 9
M10	9 7 51	18°50'28	7♈56	9°58	28° 9	0♊19	2°25	4° 8	8°36	22° 2	24°46	6°46	7°54	26°42	n.a.	M10
T 11	9 11 47	19°50'20	21°38	9° 7	29°19	0°40	2°18	4°14	8°40	22° 1	24°45	6°47	7°51	26°49	n.a.	T 11
W12	9 15 44	20°50'09	4♉54	8°22	0♈30	1° 1	2°10	4°20	8°43	22° 1	24°43	6°48	7°48	26°56	n.a.	W12
T 13	9 19 40	21°49'56	17°45	7°43	1°40	1°23	2° 3	4°25	8°46	22° 0	24°41	6°R49	7°44	27° 2	n.a.	T 13
F 14	9 23 37	22°49'41	0♊16	7° 9	2°50	1°45	1°55	4°31	8°50	21°59	24°40	6°48	7°41	27° 9	n.a.	F 14
S 15	9 27 33	23°49'24	12°30	6°42	4° 0	2° 7	1°48	4°36	8°53	21°59	24°38	6°48	7°38	27°16	n.a.	S 15
S 16	9 31 30	24°49'04	24°32	6°21	5°10	2°30	1°40	4°42	8°56	21°58	24°37	6°46	7°35	27°23	n.a.	S 16
M17	9 35 27	25°48'42	6♋27	6° 6	6°20	2°53	1°32	4°47	9° 0	21°57	24°35	6°45	7°32	27°29	n.a.	M17
T 18	9 39 23	26°48'17	18°17	5°58	7°30	3°16	1°25	4°52	9° 3	21°57	24°33	6°43	7°28	27°36	n.a.	T 18
W19	9 43 20	27°47'50	0♌ 6	5°D56	8°39	3°40	1°17	4°58	9° 6	21°56	24°32	6°42	7°25	27°43	n.a.	W19
T 20	9 47 16	28°47'21	11°57	5°59	9°49	4° 4	1° 9	5° 3	9°10	21°55	24°30	6°41	7°22	27°49	n.a.	T 20
F 21	9 51 13	29°46'50	23°52	6° 9	10°58	4°28	1° 1	5° 8	9°13	21°54	24°28	6°40	7°19	27°56	n.a.	F 21
S 22	9 55 9	0♓46'17	5♍53	6°24	12° 7	4°52	0°54	5°13	9°16	21°53	24°27	6°D40	7°16	28° 3	n.a.	S 22
S 23	9 59 6	1°45'41	18° 3	6°44	13°16	5°17	0°46	5°18	9°20	21°53	24°25	6°40	7°13	28° 9	n.a.	S 23
M24	10 3 2	2°45'03	0♎22	7° 9	14°25	5°42	0°38	5°23	9°23	21°52	24°24	6°41	7° 9	28°16	n.a.	M24
T 25	10 6 59	3°44'24	12°53	7°38	15°33	6° 7	0°30	5°28	9°26	21°51	24°22	6°41	7° 6	28°23	n.a.	T 25
W26	10 10 55	4°43'42	25°37	8°12	16°42	6°32	0°23	5°32	9°29	21°50	24°20	6°41	7° 3	28°29	n.a.	W26
T 27	10 14 52	5°42'59	8♏37	8°50	17°50	6°57	0°15	5°37	9°32	21°49	24°19	6°41	7° 0	28°36	n.a.	T 27
F 28	10 18 49	6°42'13	21°53	9°32	18°58	7°23	0° 7	5°42	9°36	21°48	24°17	6°R41	6°57	28°43	n.a.	F 28
S 29	10 22 45	7♓41'26	5♐28	10♒18	20♈ 6	7♊49	29♌59	5♋46	9♒39	21♎47	24♌16	6°D41	6♍54	28♋49	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s58	14s21	5n 8	12s 8	3n32	5s28	0s30	22n13	2n30	11n50	1n36	23s24	0n15	19s 5	0s40	6s52	1n58	27n59	15n41	9n 2	8n31	17n48		n.a.
S 2	17 42	16 57	5 14	12 14	3 39	4 56	0 27	22 17	2 29	11 52	1 36	23 24	0 15	19 4	0 40	6 51	1 59	28 0	15 41	9 3	8 32	17 47		n.a.
M 3	17 25	18 33	5 1	12 24	3 45	4 25	0 24	22 21	2 29	11 55	1 36	23 24	0 15	19 3	0 40	6 51	1 59	28 1	15 41	9 4	8 33	17 47		n.a.
T 4	17 8	18 57	4 27	12 37	3 49	3 54	0 20	22 24	2 28	11 57	1 36	23 24	0 15	19 2	0 40	6 51	1 59	28 2	15 41	9 5	8 35	17 46		n.a.
W 5	16 51	18 1	3 34	12 53	3 50	3 22	0 17	22 28	2 28	12 0	1 36	23 23	0 15	19 1	0 40	6 51	1 59	28 2	15 41	9 6	8 36	17 45		n.a.
T 6	16 33	15 48	2 26	13 11	3 49	2 50	0 13	22 32	2 27	12 3	1 37	23 23	0 15	19 0	0 40	6 51	1 59	28 3	15 42	9 7	8 37	17 45		n.a.
F 7	16 15	12 29	1 8	13 31	3 47	2 19	0 10	22 35	2 26	12 6	1 37	23 23	0 15	18 59	0 40	6 50	1 59	28 4	15 42	9 8	8 38	17 44		n.a.
S 8	15 57	8 25	0s14	13 52	3 42	1 47	0 6	22 39	2 26	12 8	1 37	23 23	0 15	18 58	0 40	6 50	1 59	28 4	15 42	9 8	8 39	17 44		n.a.
S 9	15 39	3 55	1 33	14 14	3 35	1 15	0 3	22 43	2 25	12 11	1 37	23 23	0 15	18 57	0 40	6 50	1 59	28 5	15 42	9 8	8 41	17 43		n.a.
M10	15 20	0n40	2 44	14 37	3 27	0 44	0n 1	22 47	2 25	12 14	1 37	23 23	0 15	18 57	0 40	6 50	1 59	28 6	15 42	9 7	8 42	17 42		n.a.
T 11	15 1	5 4	3 44	14 59	3 17	0 12	0 5	22 51	2 24	12 17	1 37	23 23	0 15	18 56	0 40	6 50	1 59	28 7	15 42	9 7	8 43	17 42		n.a.
W12	14 42	9 4	4 29	15 22	3 6	0n20	0 9	22 55	2 23	12 20	1 37	23 23	0 15	18 55	0 40	6 49	1 59	28 7	15 42	9 7	8 44	17 41		n.a.
T 13	14 23	12 31	4 59	15 44	2 55	0 52	0 12	22 59	2 23	12 22	1 38	23 23	0 15	18 54	0 40	6 49	1 59	28 8	15 42	9 6	8 45	17 41		n.a.
F 14	14 3	15 18	5 15	16 4	2 42	1 23	0 16	23 3	2 22	12 25	1 38	23 22	0 15	18 53	0 40	6 49	1 59	28 9	15 42	9 6	8 47	17 40		n.a.
S 15	13 43	17 20	5 15	16 24	2 28	1 55	0 20	23 7	2 21	12 28	1 38	23 22	0 15	18 52	0 40	6 48	1 59	28 9	15 43	9 7	8 48	17 39		n.a.
S 16	13 23	18 33	5 2	16 43	2 15	2 27	0 24	23 11	2 21	12 31	1 38	23 22	0 14	18 51	0 40	6 48	1 59	28 10	15 43	9 7	8 49	17 39		n.a.
M17	13 3	18 57	4 35	17 0	2 1	2 58	0 28	23 15	2 20	12 34	1 38	23 22	0 14	18 50	0 40	6 48	1 59	28 10	15 43	9 8	8 50	17 38		n.a.
T 18	12 43	18 31	3 57	17 16	1 46	3 30	0 32	23 19	2 20	12 37	1 38	23 22	0 14	18 49	0 40	6 47	2 0	28 11	15 43	9 8	8 51	17 37		n.a.
W19	12 22	17 16	3 9	17 30	1 32	4 1	0 36	23 23	2 19	12 40	1 38	23 22	0 14	18 49	0 40	6 47	2 0	28 12	15 43	9 9	8 53	17 37		n.a.
T 20	12 1	15 16	2 13	17 43	1 18	4 32	0 40	23 27	2 18	12 42	1 38	23 22	0 14	18 48	0 40	6 47	2 0	28 12	15 43	9 9	8 54	17 36		n.a.
F 21	11 40	12 36	1 11	17 54	1 4	5 3	0 44	23 31	2 18	12 45	1 38	23 21	0 14	18 47	0 40	6 46	2 0	28 13	15 43	9 9	8 55	17 35		n.a.
S 22	11 19	9 23	0 4	18 4	0 50	5 34	0 48	23 35	2 17	12 48	1 38	23 21	0 14	18 46	0 40	6 46	2 0	28 13	15 43	9 9	8 56	17 35		n.a.
S 23	10 58	5 44	1n 3	18 12	0 37	6 5	0 52	23 39	2 17	12 51	1 38	23 21	0 14	18 45	0 40	6 46	2 0	28 14	15 43	9 9	8 57	17 34		n.a.
M24	10 36	1 48	2 8	18 18	0 24	6 36	0 56	23 43	2 16	12 54	1 38	23 21	0 14	18 44	0 40	6 45	2 0	28 15	15 43	9 9	8 58	17 34		n.a.
T 25	10 14	2s16	3 8	18 23	0 11	7 7	1 0	23 47	2 15	12 57	1 38	23 21	0 14	18 43	0 40	6 45	2 0	28 15	15 43	9 9	9 0	17 33		n.a.
W26	9 53	6 17	4 0	18 26	0s 1	7 37	1 4	23 50	2 15	12 59	1 38	23 21	0 14	18 43	0 40	6 44	2 0	28 16	15 43	9 9	9 1	17 32		n.a.
T 27	9 31	10 6	4 41	18 27	0 13	8 7	1 9	23 54	2 14	13 2	1 38	23 21	0 14	18 42	0 40	6 44	2 0	28 16	15 43	9 9	9 2	17 32		n.a.
F 28	9 9	13 29	5 7	18 27	0 25	8 37	1 13	23 58	2 14	13 5	1 38	23 20	0 14	18 41	0 40	6 44	2 0	28 17	15 43	9 9	9 3	17 31		n.a.
S 29	8s46	16s14	5n18	18s25	0s35	9n 7	1n17	24n 2	2n13	13n 8	1n38	23s20	0n14	18s40	0s40	6s43	2n 0	28n17	15n43	9n 9	9n 4	17n30		n.a.

Julian Day Number = 1716705.5, Delta T = 02h58m01s
Ecliptic obliquity = 23°41'39, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°14'25, Lahiri = - 4°07'24 Julian Calendar 1 Feb. 13 BCE == Greg. Calendar 30 Jan. 013 BCE

The year -12 astronomical counting style corresponds to year 013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 13 BCE
geocentric

MARCH 13 BCE (-12) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 26 42	8♓40'37	19♐22	11♒ 7	21♈14	8♊15	29°R52	5♑51	9♒42	21°R46	24°R14	6♍41	6♍50	28♋56	n.a.	S 1
M 2	10 30 38	9°39'46	3♑35	11°59	22°21	8°42	29♌44	5°55	9°45	21♎45	24♌13	6°42	6°47	29° 3	n.a.	M 2
T 3	10 34 35	10°38'54	18° 5	12°54	23°29	9° 8	29°37	6° 0	9°48	21°43	24°11	6°42	6°44	29° 9	n.a.	T 3
W 4	10 38 31	11°37'59	2♒48	13°52	24°36	9°35	29°29	6° 4	9°51	21°42	24°10	6°42	6°41	29°16	n.a.	W 4
T 5	10 42 28	12°37'02	17°39	14°54	25°43	10° 2	29°22	6° 8	9°54	21°41	24° 8	6°43	6°38	29°23	n.a.	T 5
F 6	10 46 24	13°36'04	2♓30	15°57	26°50	10°29	29°14	6°12	9°57	21°40	24° 7	6°R43	6°34	29°29	n.a.	F 6
S 7	10 50 21	14°35'03	17°14	17° 3	27°56	10°57	29° 7	6°16	10° 0	21°39	24° 5	6°43	6°31	29°36	n.a.	S 7
S 8	10 54 18	15°34'00	1♈44	18°12	29° 3	11°24	29° 0	6°20	10° 3	21°38	24° 4	6°42	6°28	29°43	n.a.	S 8
M 9	10 58 14	16°32'55	15°54	19°23	0♉ 9	11°52	28°53	6°24	10° 6	21°36	24° 2	6°41	6°25	29°49	n.a.	M 9
T 10	11 2 11	17°31'48	29°41	20°36	1°15	12°20	28°46	6°28	10° 9	21°35	24° 1	6°40	6°22	29°56	n.a.	T 10
W11	11 6 7	18°30'39	13♉ 3	21°51	2°21	12°48	28°39	6°31	10°12	21°34	23°59	6°39	6°19	0♌ 3	n.a.	W11
T 12	11 10 4	19°29'27	26° 0	23° 8	3°26	13°17	28°32	6°35	10°15	21°33	23°58	6°37	6°15	0° 9	n.a.	T 12
F 13	11 14 0	20°28'13	8♊35	24°28	4°32	13°45	28°25	6°39	10°18	21°31	23°56	6°36	6°12	0°16	n.a.	F 13
S 14	11 17 57	21°26'56	20°52	25°49	5°37	14°14	28°18	6°42	10°21	21°30	23°55	6°D36	6° 9	0°23	n.a.	S 14
S 15	11 21 53	22°25'37	2♋56	27°12	6°41	14°42	28°12	6°45	10°23	21°28	23°54	6°36	6° 6	0°29	n.a.	S 15
M16	11 25 50	23°24'16	14°50	28°37	7°46	15°11	28° 5	6°49	10°26	21°27	23°52	6°37	6° 3	0°36	n.a.	M16
T 17	11 29 46	24°22'53	26°39	0♓ 3	8°50	15°40	27°59	6°52	10°29	21°26	23°51	6°39	6° 0	0°43	n.a.	T 17
W18	11 33 43	25°21'27	8♌29	1°32	9°54	16°10	27°53	6°55	10°31	21°24	23°50	6°40	5°56	0°49	n.a.	W18
T 19	11 37 40	26°19'59	20°22	3° 2	10°58	16°39	27°47	6°58	10°34	21°23	23°48	6°42	5°53	0°56	n.a.	T 19
F 20	11 41 36	27°18'29	2♍23	4°34	12° 2	17° 9	27°41	7° 1	10°37	21°21	23°47	6°R42	5°50	1° 3	n.a.	F 20
S 21	11 45 33	28°16'57	14°34	6° 8	13° 5	17°38	27°35	7° 4	10°39	21°20	23°46	6°42	5°47	1° 9	n.a.	S 21
S 22	11 49 29	29°15'23	26°58	7°43	14° 8	18° 8	27°29	7° 6	10°42	21°19	23°44	6°41	5°44	1°16	n.a.	S 22
M23	11 53 26	0♈13'47	9♎35	9°20	15°10	18°38	27°23	7° 9	10°44	21°17	23°43	6°38	5°40	1°23	n.a.	M23
T 24	11 57 22	1°12'08	22°26	10°59	16°12	19° 8	27°18	7°12	10°47	21°16	23°42	6°35	5°37	1°29	n.a.	T 24
W25	12 1 19	2°10'28	5♏31	12°40	17°14	19°38	27°13	7°14	10°49	21°14	23°41	6°31	5°34	1°36	n.a.	W25
T 26	12 5 15	3° 8'47	18°50	14°22	18°16	20° 9	27° 7	7°16	10°52	21°13	23°40	6°27	5°31	1°43	n.a.	T 26
F 27	12 9 12	4° 7'03	2♐22	16° 6	19°17	20°39	27° 2	7°19	10°54	21°11	23°38	6°24	5°28	1°49	n.a.	F 27
S 28	12 13 8	5° 5'18	16° 6	17°51	20°18	21°10	26°58	7°21	10°57	21° 9	23°37	6°21	5°25	1°56	n.a.	S 28
S 29	12 17 5	6° 3'32	0♑ 1	19°39	21°18	21°40	26°53	7°23	10°59	21° 8	23°36	6°D20	5°21	2° 3	n.a.	S 29
M30	12 21 2	7° 1'44	14° 7	21°28	22°18	22°11	26°48	7°25	11° 1	21° 6	23°35	6°20	5°18	2° 9	n.a.	M30
T 31	12 24 58	7♈59'54	28♑21	23♓19	23♉18	22♊42	26♌44	7♑27	11♒ 3	21♎ 5	23♌34	6♍21	5♍15	2♌16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	8s24	18s 7	5n10	18s22	0s46	9n37	1n21	24n 6	2n12	13n10	1n38	23s20	0n14	18s39	0s40	6s43	2n 0	28n18	15n43	9n 9	9n 6	17n30			n.a.
M 2	8 2	18 55	4 44	18 16	0 56	10 6	1 25	24 9	2 12	13 13	1 38	23 20	0 14	18 38	0 40	6 42	2 0	28 18	15 42	9 9	9 7	17 29			n.a.
T 3	7 39	18 31	3 59	18 10	1 5	10 36	1 29	24 13	2 11	13 16	1 38	23 20	0 14	18 38	0 40	6 42	2 0	28 19	15 42	9 9	9 8	17 28			n.a.
W 4	7 16	16 52	2 58	18 1	1 14	11 4	1 33	24 16	2 10	13 18	1 38	23 20	0 13	18 37	0 40	6 41	2 0	28 19	15 42	9 9	9 9	17 28			n.a.
T 5	6 54	14 3	1 44	17 51	1 23	11 33	1 38	24 20	2 10	13 21	1 38	23 20	0 13	18 36	0 40	6 41	2 0	28 20	15 42	9 8	9 10	17 27			n.a.
F 6	6 31	10 20	0 23	17 40	1 31	12 2	1 42	24 23	2 9	13 24	1 38	23 20	0 13	18 35	0 40	6 40	2 0	28 20	15 42	9 8	9 12	17 26			n.a.
S 7	6 8	5 59	0s58	17 27	1 38	12 30	1 46	24 27	2 9	13 26	1 38	23 19	0 13	18 34	0 40	6 40	2 0	28 20	15 42	9 8	9 13	17 25			n.a.
S 8	5 45	1 21	2 15	17 12	1 45	12 58	1 50	24 30	2 8	13 29	1 38	23 19	0 13	18 34	0 40	6 39	2 0	28 21	15 42	9 9	9 14	17 25			n.a.
M 9	5 22	3n14	3 21	16 56	1 52	13 25	1 54	24 33	2 8	13 31	1 38	23 19	0 13	18 33	0 40	6 39	2 1	28 21	15 42	9 9	9 15	17 24			n.a.
T 10	4 59	7 32	4 13	16 38	1 57	13 52	1 58	24 37	2 7	13 34	1 38	23 19	0 13	18 32	0 40	6 38	2 1	28 22	15 42	9 9	9 16	17 23			n.a.
W11	4 35	11 18	4 50	16 18	2 3	14 19	2 2	24 40	2 6	13 36	1 38	23 19	0 13	18 31	0 40	6 38	2 1	28 22	15 41	9 10	9 18	17 23			n.a.
T 12	4 12	14 25	5 11	15 57	2 8	14 46	2 6	24 43	2 6	13 38	1 38	23 19	0 13	18 30	0 40	6 37	2 1	28 22	15 41	9 11	9 19	17 22			n.a.
F 13	3 49	16 45	5 17	15 35	2 12	15 12	2 10	24 46	2 5	13 41	1 38	23 19	0 13	18 30	0 40	6 37	2 1	28 23	15 41	9 11	9 20	17 21			n.a.
S 14	3 26	18 16	5 7	15 11	2 16	15 38	2 14	24 49	2 5	13 43	1 38	23 19	0 13	18 29	0 40	6 36	2 1	28 23	15 41	9 11	9 21	17 20			n.a.
S 15	3 2	18 56	4 44	14 45	2 19	16 3	2 18	24 52	2 4	13 45	1 38	23 18	0 13	18 28	0 40	6 36	2 1	28 23	15 41	9 11	9 22	17 20			n.a.
M16	2 39	18 44	4 9	14 18	2 22	16 29	2 22	24 54	2 3	13 47	1 38	23 18	0 13	18 28	0 40	6 35	2 1	28 24	15 41	9 11	9 23	17 19			n.a.
T 17	2 15	17 43	3 24	13 49	2 24	16 53	2 26	24 57	2 3	13 49	1 38	23 18	0 13	18 27	0 40	6 35	2 1	28 24	15 40	9 10	9 25	17 18			n.a.
W18	1 52	15 56	2 30	13 19	2 26	17 18	2 29	25 0	2 2	13 52	1 37	23 18	0 13	18 26	0 40	6 34	2 1	28 24	15 40	9 9	9 26	17 18			n.a.
T 19	1 28	13 27	1 29	12 47	2 27	17 42	2 33	25 2	2 2	13 54	1 37	23 18	0 13	18 25	0 40	6 34	2 1	28 25	15 40	9 9	9 27	17 17			n.a.
F 20	1 5	10 22	0 24	12 14	2 28	18 5	2 37	25 4	2 1	13 56	1 37	23 18	0 13	18 25	0 41	6 33	2 1	28 25	15 40	9 9	9 28	17 16			n.a.
S 21	0 41	6 48	0n43	11 39	2 28	18 28	2 40	25 7	2 1	13 58	1 37	23 18	0 12	18 24	0 41	6 32	2 1	28 25	15 40	9 9	9 29	17 15			n.a.
S 22	0 18	2 53	1 49	11 3	2 28	18 51	2 44	25 9	2 0	13 59	1 37	23 18	0 12	18 23	0 41	6 32	2 1	28 25	15 39	9 9	9 31	17 15			n.a.
M23	0n 6	1s13	2 51	10 25	2 27	19 13	2 47	25 11	1 59	14 1	1 37	23 18	0 12	18 23	0 41	6 31	2 1	28 26	15 39	9 10	9 32	17 14			n.a.
T 24	0 29	5 20	3 46	9 46	2 26	19 35	2 51	25 13	1 59	14 3	1 37	23 18	0 12	18 22	0 41	6 31	2 1	28 26	15 39	9 11	9 33	17 13			n.a.
W25	0 52	9 16	4 29	9 5	2 24	19 56	2 54	25 15	1 58	14 5	1 37	23 17	0 12	18 21	0 41	6 30	2 1	28 26	15 39	9 13	9 34	17 12			n.a.
T 26	1 16	12 49	4 59	8 23	2 22	20 17	2 58	25 17	1 58	14 6	1 36	23 17	0 12	18 21	0 41	6 29	2 1	28 26	15 38	9 14	9 35	17 12			n.a.
F 27	1 39	15 45	5 13	7 40	2 19	20 38	3 1	25 18	1 57	14 8	1 36	23 17	0 12	18 20	0 41	6 29	2 1	28 26	15 38	9 16	9 36	17 11			n.a.
S 28	2 3	17 50	5 9	6 55	2 15	20 58	3 4	25 20	1 57	14 10	1 36	23 17	0 12	18 19	0 41	6 28	2 1	28 26	15 38	9 16	9 38	17 10			n.a.
S 29	2 26	18 54	4 47	6 9	2 11	21 17	3 7	25 22	1 56	14 11	1 36	23 17	0 12	18 19	0 41	6 28	2 1	28 27	15 38	9 17	9 39	17 9			n.a.
M30	2 49	18 49	4 8	5 21	2 6	21 36	3 10	25 23	1 55	14 12	1 36	23 17	0 12	18 18	0 41	6 27	2 1	28 27	15 37	9 17	9 40	17 9			n.a.
T 31	3n12	17s33	3n13	4s32	2s 1	21n54	3n13	25n24	1n55	14n14	1n36	23s17	0n12	18s18	0s41	6s26	2n 1	28n27	15n37	9n17	9n41	17n 8			n.a.

Julian Day Number = 1716734.5, Delta T = 02h58m00s
Ecliptic obliquity = 23°41'39, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°14'21, Lahiri = - 4°07'20 Julian Calendar 1 March 13 BCE == Greg. Calendar 28 Feb. 013 BCE

The year -12 astronomical counting style corresponds to year 013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 13 BCE
geocentric

APRIL 13 BCE (-12) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 28 55	8♈58'03	12♒42	25♓11	24♉17	23♊13	26°R40	7♑29	11♒ 6	21°R 3	23°R33	6♍23	5♍12	2♌23	n.a.	W 1
T 2	12 32 51	9°56'10	27° 7	27° 6	25°16	23°45	26♌36	7°31	11° 8	21♎ 2	23♌32	6°24	5° 9	2°29	n.a.	T 2
F 3	12 36 48	10°54'16	11♓32	29° 2	26°15	24°16	26°32	7°32	11°10	21° 0	23°31	6°R24	5° 5	2°36	n.a.	F 3
S 4	12 40 44	11°52'20	25°53	0♈59	27°13	24°47	26°28	7°34	11°12	20°58	23°30	6°23	5° 2	2°43	n.a.	S 4
S 5	12 44 41	12°50'22	10♈ 4	2°59	28°11	25°19	26°24	7°35	11°14	20°57	23°29	6°19	4°59	2°49	n.a.	S 5
M 6	12 48 37	13°48'23	24° 2	5° 0	29° 8	25°50	26°21	7°37	11°16	20°55	23°28	6°15	4°56	2°56	n.a.	M 6
T 7	12 52 34	14°46'22	7♉41	7° 2	0♊ 5	26°22	26°18	7°38	11°18	20°54	23°27	6° 9	4°53	3° 3	n.a.	T 7
W 8	12 56 31	15°44'19	20°59	9° 7	1° 1	26°54	26°15	7°39	11°20	20°52	23°26	6° 2	4°50	3° 9	n.a.	W 8
T 9	13 0 27	16°42'15	3♊57	11°12	1°56	27°26	26°12	7°40	11°22	20°50	23°26	5°56	4°46	3°16	n.a.	T 9
F 10	13 4 24	17°40'08	16°33	13°19	2°52	27°58	26° 9	7°41	11°24	20°49	23°25	5°51	4°43	3°23	n.a.	F 10
S 11	13 8 20	18°38'00	28°52	15°27	3°46	28°30	26° 6	7°42	11°26	20°47	23°24	5°47	4°40	3°29	n.a.	S 11
S 12	13 12 17	19°35'50	10♋56	17°36	4°40	29° 2	26° 4	7°43	11°27	20°46	23°23	5°45	4°37	3°36	n.a.	S 12
M13	13 16 13	20°33'38	22°51	19°46	5°34	29°35	26° 2	7°43	11°29	20°44	23°23	5°D44	4°34	3°43	n.a.	M13
T 14	13 20 10	21°31'24	4♌41	21°56	6°27	0♋ 7	26° 0	7°44	11°31	20°42	23°22	5°45	4°31	3°49	n.a.	T 14
W15	13 24 6	22°29'09	16°31	24° 7	7°19	0°39	25°58	7°44	11°32	20°41	23°21	5°47	4°27	3°56	n.a.	W15
T 16	13 28 3	23°26'52	28°27	26°18	8°10	1°12	25°56	7°45	11°34	20°39	23°21	5°48	4°24	4° 3	n.a.	T 16
F 17	13 32 0	24°24'33	10♍33	28°28	9° 1	1°45	25°55	7°45	11°35	20°37	23°20	5°R48	4°21	4° 9	n.a.	F 17
S 18	13 35 56	25°22'12	22°52	0♉38	9°51	2°18	25°54	7°45	11°37	20°36	23°19	5°46	4°18	4°16	n.a.	S 18
S 19	13 39 53	26°19'50	5♎29	2°48	10°41	2°50	25°53	7°R45	11°38	20°34	23°19	5°43	4°15	4°23	n.a.	S 19
M20	13 43 49	27°17'26	18°23	4°56	11°29	3°23	25°52	7°45	11°40	20°33	23°18	5°37	4°11	4°29	n.a.	M20
T 21	13 47 46	28°15'01	1♏36	7° 3	12°17	3°56	25°51	7°45	11°41	20°31	23°18	5°29	4° 8	4°36	n.a.	T 21
W22	13 51 42	29°12'35	15° 6	9° 9	13° 4	4°29	25°50	7°45	11°43	20°29	23°17	5°21	4° 5	4°43	n.a.	W22
T 23	13 55 39	0♉10'07	28°50	11°13	13°50	5° 3	25°50	7°45	11°44	20°28	23°17	5°12	4° 2	4°49	n.a.	T 23
F 24	13 59 35	1° 7'39	12♐46	13°15	14°36	5°36	25°50	7°44	11°45	20°26	23°17	5° 4	3°59	4°56	n.a.	F 24
S 25	14 3 32	2° 5'09	26°49	15°14	15°20	6° 9	25°D50	7°44	11°46	20°25	23°16	4°57	3°56	5° 3	n.a.	S 25
S 26	14 7 29	3° 2'38	10♑57	17°12	16° 4	6°43	25°50	7°43	11°47	20°23	23°16	4°53	3°52	5° 9	n.a.	S 26
M27	14 11 25	4° 0'07	25° 6	19° 7	16°46	7°16	25°50	7°43	11°48	20°21	23°16	4°51	3°49	5°16	n.a.	M27
T 28	14 15 22	4°57'35	9♒15	20°59	17°28	7°50	25°51	7°42	11°49	20°20	23°15	4°D51	3°46	5°23	n.a.	T 28
W29	14 19 18	5°55'01	23°23	22°49	18° 8	8°23	25°52	7°41	11°50	20°18	23°15	4°51	3°43	5°29	n.a.	W29
T 30	14 23 15	6♉52'27	7♓28	24♉36	18♊47	8♋57	25♌52	7♑40	11♒51	20♎17	23♌15	4°R52	3♍40	5♌36	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3n35	15s10	2n 6	3s42	1s56	22n12	3n16	25n25	1n54	14n15	1n35	23s17	0n12	18s17	0s41	6s26	2n 1	28n27	15n37	9n16	9n42	17n 7		n.a.
T 2	3 59	11 49	0 51	2 50	1 49	22 30	3 19	25 26	1 54	14 16	1 35	23 17	0 12	18 16	0 41	6 25	2 1	28 27	15 36	9 16	9 43	17 6		n.a.
F 3	4 22	7 45	0s28	1 58	1 43	22 47	3 21	25 27	1 53	14 18	1 35	23 17	0 12	18 16	0 41	6 25	2 1	28 27	15 36	9 16	9 45	17 6		n.a.
S 4	4 45	3 15	1 44	1 4	1 36	23 3	3 24	25 28	1 53	14 19	1 35	23 17	0 12	18 15	0 41	6 24	2 1	28 27	15 36	9 16	9 46	17 5		n.a.
S 5	5 7	1n23	2 53	0 9	1 28	23 19	3 26	25 29	1 52	14 20	1 35	23 17	0 12	18 15	0 41	6 23	2 1	28 27	15 35	9 17	9 47	17 4		n.a.
M 6	5 30	5 51	3 50	0n47	1 20	23 34	3 29	25 29	1 51	14 21	1 34	23 17	0 11	18 14	0 41	6 23	2 1	28 27	15 35	9 19	9 48	17 3		n.a.
T 7	5 53	9 55	4 33	1 44	1 11	23 49	3 31	25 30	1 51	14 22	1 34	23 17	0 11	18 14	0 41	6 22	2 1	28 27	15 35	9 21	9 49	17 2		n.a.
W 8	6 15	13 23	5 0	2 42	1 2	24 3	3 33	25 30	1 50	14 23	1 34	23 17	0 11	18 13	0 41	6 22	2 1	28 27	15 34	9 24	9 51	17 2		n.a.
T 9	6 38	16 5	5 10	3 40	0 53	24 17	3 35	25 30	1 50	14 23	1 34	23 17	0 11	18 13	0 41	6 21	2 1	28 27	15 34	9 26	9 52	17 1		n.a.
F 10	7 0	17 57	5 5	4 39	0 43	24 30	3 37	25 30	1 49	14 24	1 34	23 17	0 11	18 12	0 41	6 20	2 1	28 27	15 34	9 28	9 53	17 0		n.a.
S 11	7 23	18 56	4 46	5 38	0 33	24 42	3 39	25 30	1 49	14 25	1 33	23 17	0 11	18 12	0 41	6 20	2 1	28 27	15 33	9 29	9 54	16 59		n.a.
S 12	7 45	19 1	4 14	6 37	0 23	24 54	3 40	25 30	1 48	14 25	1 33	23 17	0 11	18 11	0 41	6 19	2 1	28 27	15 33	9 30	9 55	16 58		n.a.
M13	8 7	18 16	3 32	7 37	0 13	25 6	3 42	25 29	1 48	14 26	1 33	23 17	0 11	18 11	0 41	6 18	2 1	28 27	15 33	9 30	9 56	16 58		n.a.
T 14	8 29	16 42	2 40	8 36	0 2	25 16	3 43	25 29	1 47	14 26	1 33	23 17	0 11	18 10	0 41	6 18	2 1	28 27	15 32	9 30	9 58	16 57		n.a.
W15	8 50	14 25	1 42	9 35	0n 8	25 27	3 44	25 28	1 47	14 27	1 33	23 17	0 11	18 10	0 41	6 17	2 1	28 27	15 32	9 29	9 59	16 56		n.a.
T 16	9 12	11 31	0 40	10 33	0 19	25 36	3 45	25 27	1 46	14 27	1 32	23 17	0 11	18 10	0 41	6 17	2 1	28 27	15 32	9 29	10 0	16 55		n.a.
F 17	9 34	8 5	0n26	11 30	0 30	25 46	3 46	25 26	1 45	14 27	1 32	23 17	0 11	18 9	0 41	6 16	2 1	28 26	15 31	9 29	10 1	16 54		n.a.
S 18	9 55	4 15	1 31	12 26	0 40	25 54	3 47	25 25	1 45	14 28	1 32	23 17	0 11	18 9	0 41	6 15	2 1	28 26	15 31	9 30	10 2	16 53		n.a.
S 19	10 16	0 8	2 33	13 21	0 50	26 2	3 47	25 24	1 44	14 28	1 32	23 17	0 11	18 8	0 41	6 15	2 1	28 26	15 30	9 31	10 3	16 53		n.a.
M20	10 37	4s 4	3 29	14 15	1 0	26 9	3 48	25 23	1 44	14 28	1 32	23 17	0 11	18 8	0 42	6 14	2 1	28 26	15 30	9 33	10 5	16 52		n.a.
T 21	10 58	8 11	4 14	15 6	1 9	26 16	3 48	25 21	1 43	14 28	1 31	23 17	0 10	18 8	0 42	6 14	2 1	28 26	15 30	9 36	10 6	16 51		n.a.
W22	11 19	11 58	4 47	15 56	1 18	26 23	3 48	25 20	1 43	14 28	1 31	23 18	0 10	18 7	0 42	6 13	2 1	28 26	15 29	9 39	10 7	16 50		n.a.
T 23	11 39	15 10	5 4	16 44	1 27	26 28	3 48	25 18	1 42	14 28	1 31	23 18	0 10	18 7	0 42	6 12	2 1	28 25	15 29	9 42	10 8	16 49		n.a.
F 24	11 59	17 34	5 3	17 29	1 35	26 33	3 47	25 16	1 42	14 28	1 31	23 18	0 10	18 7	0 42	6 12	2 1	28 25	15 28	9 45	10 9	16 48		n.a.
S 25	12 20	18 55	4 44	18 12	1 42	26 38	3 47	25 14	1 41	14 28	1 30	23 18	0 10	18 6	0 42	6 11	2 1	28 25	15 28	9 48	10 10	16 48		n.a.
S 26	12 39	19 7	4 8	18 53	1 49	26 42	3 46	25 12	1 41	14 27	1 30	23 18	0 10	18 6	0 42	6 11	2 1	28 25	15 28	9 49	10 12	16 47		n.a.
M27	12 59	18 8	3 16	19 32	1 55	26 45	3 45	25 9	1 40	14 27	1 30	23 18	0 10	18 6	0 42	6 10	2 1	28 24	15 27	9 50	10 13	16 46		n.a.
T 28	13 19	16 0	2 13	20 8	2 0	26 48	3 44	25 7	1 40	14 27	1 30	23 18	0 10	18 6	0 42	6 9	2 1	28 24	15 27	9 50	10 14	16 45		n.a.
W29	13 38	12 54	1 1	20 41	2 5	26 51	3 42	25 4	1 39	14 26	1 29	23 18	0 10	18 5	0 42	6 9	2 1	28 24	15 26	9 50	10 15	16 44		n.a.
T 30	13n57	9s 4	0s14	21n12	2n 9	26n53	3n40	25n 2	1n38	14n26	1n29	23s18	0n10	18s 5	0s42	6s 8	2n 1	28n23	15n26	9n50	10n16	16n43		n.a.

Julian Day Number = 1716765.5, Delta T = 02h57m59s
Ecliptic obliquity = 23°41'39, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°14'17, Lahiri = - 4°07'16 Julian Calendar 1 Apr. 13 BCE == Greg. Calendar 30 March 013 BCE

The year -12 astronomical counting style corresponds to year 013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 13 BCE
geocentric

MAY 13 BCE (-12) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 27 11	7♉49'52	21♓29	26♉20	19♊26	9♋31	25♌54	7°R39	11♒52	20°R15	23°R15	4°R51	3♍36	5♌43	n.a.	F 1
S 2	14 31 8	8°47'17	5♈24	28° 2	20° 3	10° 5	25°55	7♏38	11°53	20♎14	23♌15	4♍47	3°33	5°49	n.a.	S 2
S 3	14 35 4	9°44'40	19°10	29°41	20°39	10°39	25°56	7°36	11°54	20°12	23°14	4°41	3°30	5°56	n.a.	S 3
M 4	14 39 1	10°42'02	2♉46	1♊16	21°13	11°13	25°58	7°35	11°55	20°11	23°14	4°33	3°27	6° 3	n.a.	M 4
T 5	14 42 58	11°39'24	16° 7	2°49	21°46	11°47	26° 0	7°34	11°55	20° 9	23°14	4°22	3°24	6° 9	n.a.	T 5
W 6	14 46 54	12°36'45	29°13	4°19	22°18	12°21	26° 2	7°32	11°56	20° 8	23°D14	4°11	3°21	6°16	n.a.	W 6
T 7	14 50 51	13°34'05	12♊ 2	5°46	22°49	12°55	26° 4	7°30	11°57	20° 6	23°14	4° 0	3°17	6°23	n.a.	T 7
F 8	14 54 47	14°31'24	24°33	7°10	23°18	13°29	26° 6	7°29	11°57	20° 5	23°14	3°50	3°14	6°29	n.a.	F 8
S 9	14 58 44	15°28'41	6♋49	8°31	23°45	14° 4	26° 8	7°27	11°58	20° 3	23°14	3°42	3°11	6°36	n.a.	S 9
S 10	15 2 40	16°25'58	18°52	9°49	24°11	14°38	26°11	7°25	11°58	20° 2	23°15	3°36	3° 8	6°43	n.a.	S 10
M11	15 6 37	17°23'14	0♌45	11° 4	24°36	15°13	26°14	7°23	11°59	20° 0	23°15	3°33	3° 5	6°49	n.a.	M11
T 12	15 10 33	18°20'29	12°35	12°15	24°58	15°47	26°17	7°21	11°59	19°59	23°15	3°32	3° 2	6°56	n.a.	T 12
W13	15 14 30	19°17'43	24°25	13°24	25°19	16°22	26°20	7°19	11°59	19°58	23°15	3°D32	2°58	7° 3	n.a.	W13
T 14	15 18 27	20°14'55	6♍21	14°29	25°38	16°57	26°23	7°17	12° 0	19°56	23°15	3°R32	2°55	7° 9	n.a.	T 14
F 15	15 22 23	21°12'07	18°29	15°31	25°55	17°31	26°27	7°14	12° 0	19°55	23°16	3°31	2°52	7°16	n.a.	F 15
S 16	15 26 20	22° 9'18	0♎53	16°29	26°10	18° 6	26°31	7°12	12° 0	19°54	23°16	3°28	2°49	7°23	n.a.	S 16
S 17	15 30 16	23° 6'29	13°37	17°24	26°23	18°41	26°34	7° 9	12° 0	19°52	23°16	3°23	2°46	7°29	n.a.	S 17
M18	15 34 13	24° 3'38	26°44	18°15	26°34	19°16	26°38	7° 7	12° 0	19°51	23°17	3°16	2°42	7°36	n.a.	M18
T 19	15 38 9	25° 0'47	10♏14	19° 2	26°43	19°51	26°42	7° 4	12°R 0	19°50	23°17	3° 6	2°39	7°43	n.a.	T 19
W20	15 42 6	25°57'56	24° 6	19°46	26°50	20°26	26°47	7° 1	12° 0	19°49	23°17	2°55	2°36	7°49	n.a.	W20
T 21	15 46 2	26°55'04	8♐15	20°25	26°54	21° 1	26°51	6°59	12° 0	19°47	23°18	2°43	2°33	7°56	n.a.	T 21
F 22	15 49 59	27°52'11	22°37	21° 1	26°R56	21°36	26°56	6°56	12° 0	19°46	23°18	2°33	2°30	8° 3	n.a.	F 22
S 23	15 53 56	28°49'19	7♑ 6	21°33	26°56	22°12	27° 1	6°53	12° 0	19°45	23°19	2°24	2°27	8° 9	n.a.	S 23
S 24	15 57 52	29°46'26	21°34	22° 0	26°54	22°47	27° 6	6°50	12° 0	19°44	23°19	2°18	2°23	8°16	n.a.	S 24
M25	16 1 49	0♊43'33	5♒58	22°23	26°49	23°22	27°11	6°47	12° 0	19°43	23°20	2°15	2°20	8°23	n.a.	M25
T 26	16 5 45	1°40'41	20°13	22°41	26°42	23°58	27°16	6°44	11°59	19°42	23°21	2°14	2°17	8°29	n.a.	T 26
W27	16 9 42	2°37'48	4♓19	22°55	26°32	24°33	27°21	6°40	11°59	19°40	23°21	2°14	2°14	8°36	n.a.	W27
T 28	16 13 38	3°34'55	18°14	23° 5	26°20	25° 9	27°27	6°37	11°59	19°39	23°22	2°13	2°11	8°43	n.a.	T 28
F 29	16 17 35	4°32'03	1♈59	23°10	26° 6	25°44	27°32	6°34	11°58	19°38	23°23	2°11	2° 8	8°49	n.a.	F 29
S 30	16 21 31	5°29'10	15°33	23°R10	25°50	26°20	27°38	6°30	11°58	19°37	23°23	2° 7	2° 4	8°56	n.a.	S 30
S 31	16 25 28	6♊26'18	28♈57	23♊ 6	25♊31	26♋56	27♌44	6♏27	11♒57	19♎36	23♌24	2♍ 1	2♍ 1	9♌ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n16	4s45	1s28	21n41	2n12	26n54	3n38	24n59	1n38	14n25	1n29	23s18	0n10	18s 5	0s42	6s 8	2n 1	28n23	15n26	9n50	10n17	16n42		n.a.
S 2	14 35	0 12	2 35	22 7	2 15	26 55	3 36	24 55	1 37	14 24	1 29	23 19	0 10	18 5	0 42	6 7	2 1	28 23	15 25	9 51	10 19	16 41		n.a.
S 3	14 53	4n18	3 33	22 31	2 16	26 55	3 34	24 52	1 37	14 24	1 29	23 19	0 10	18 5	0 42	6 7	2 1	28 22	15 25	9 54	10 20	16 41		n.a.
M 4	15 12	8 31	4 18	22 52	2 17	26 54	3 31	24 49	1 36	14 23	1 28	23 19	0 10	18 4	0 42	6 6	2 1	28 22	15 24	9 57	10 21	16 40		n.a.
T 5	15 29	12 15	4 48	23 11	2 17	26 54	3 28	24 45	1 36	14 22	1 28	23 19	0 9	18 4	0 42	6 6	2 1	28 22	15 24	10 1	10 22	16 39		n.a.
W 6	15 47	15 17	5 1	23 28	2 17	26 52	3 25	24 42	1 35	14 21	1 28	23 19	0 9	18 4	0 42	6 5	2 1	28 21	15 23	10 5	10 23	16 38		n.a.
T 7	16 5	17 31	5 0	23 43	2 15	26 50	3 21	24 38	1 35	14 20	1 28	23 19	0 9	18 4	0 42	6 4	2 1	28 21	15 23	10 9	10 24	16 37		n.a.
F 8	16 22	18 52	4 43	23 56	2 13	26 48	3 17	24 34	1 34	14 19	1 27	23 20	0 9	18 4	0 42	6 4	2 1	28 20	15 23	10 13	10 26	16 36		n.a.
S 9	16 39	19 17	4 14	24 6	2 10	26 45	3 13	24 30	1 34	14 18	1 27	23 20	0 9	18 4	0 42	6 3	2 1	28 20	15 22	10 15	10 27	16 35		n.a.
S 10	16 56	18 49	3 34	24 15	2 7	26 42	3 8	24 25	1 33	14 17	1 27	23 20	0 9	18 4	0 42	6 3	2 1	28 20	15 22	10 17	10 28	16 34		n.a.
M11	17 12	17 31	2 45	24 21	2 2	26 38	3 3	24 21	1 33	14 16	1 27	23 20	0 9	18 4	0 42	6 2	2 1	28 19	15 21	10 19	10 29	16 33		n.a.
T 12	17 28	15 28	1 49	24 26	1 57	26 34	2 58	24 16	1 32	14 15	1 26	23 20	0 9	18 3	0 42	6 2	2 1	28 19	15 21	10 19	10 30	16 33		n.a.
W13	17 44	12 46	0 48	24 29	1 51	26 29	2 52	24 12	1 32	14 13	1 26	23 21	0 9	18 3	0 42	6 1	2 1	28 18	15 21	10 19	10 31	16 32		n.a.
T 14	18 0	9 31	0n15	24 30	1 44	26 24	2 46	24 7	1 31	14 12	1 26	23 21	0 9	18 3	0 42	6 1	2 1	28 18	15 20	10 19	10 32	16 31		n.a.
F 15	18 15	5 48	1 19	24 30	1 37	26 18	2 40	24 2	1 30	14 10	1 26	23 21	0 9	18 3	0 42	6 0	2 1	28 17	15 20	10 19	10 34	16 30		n.a.
S 16	18 30	1 47	2 20	24 28	1 28	26 11	2 33	23 56	1 30	14 9	1 26	23 21	0 9	18 3	0 43	6 0	2 1	28 17	15 19	10 20	10 35	16 29		n.a.
S 17	18 45	2s26	3 15	24 25	1 20	26 5	2 26	23 51	1 29	14 7	1 25	23 21	0 9	18 3	0 43	6 0	2 1	28 16	15 19	10 22	10 36	16 28		n.a.
M18	18 59	6 39	4 3	24 20	1 10	25 57	2 19	23 46	1 29	14 6	1 25	23 22	0 8	18 3	0 43	5 59	2 1	28 16	15 18	10 25	10 37	16 27		n.a.
T 19	19 13	10 39	4 38	24 14	1 0	25 50	2 11	23 40	1 28	14 4	1 25	23 22	0 8	18 3	0 43	5 59	2 1	28 15	15 18	10 28	10 38	16 26		n.a.
W20	19 27	14 12	4 57	24 6	0 49	25 42	2 2	23 34	1 28	14 3	1 25	23 22	0 8	18 3	0 43	5 58	2 1	28 15	15 18	10 33	10 39	16 25		n.a.
T 21	19 41	16 59	4 59	23 57	0 37	25 33	1 54	23 28	1 27	14 1	1 24	23 22	0 8	18 3	0 43	5 58	2 0	28 14	15 17	10 37	10 41	16 24		n.a.
F 22	19 54	18 47	4 43	23 48	0 25	25 24	1 44	23 22	1 27	13 59	1 24	23 22	0 8	18 4	0 43	5 57	2 0	28 13	15 17	10 41	10 42	16 23		n.a.
S 23	20 7	19 22	4 8	23 37	0 12	25 14	1 35	23 16	1 26	13 57	1 24	23 23	0 8	18 4	0 43	5 57	2 0	28 13	15 16	10 44	10 43	16 22		n.a.
S 24	20 19	18 42	3 17	23 25	0s 2	25 4	1 25	23 9	1 26	13 55	1 24	23 23	0 8	18 4	0 43	5 57	2 0	28 12	15 16	10 46	10 44	16 21		n.a.
M25	20 31	16 49	2 14	23 12	0 16	24 54	1 14	23 3	1 25	13 53	1 24	23 23	0 8	18 4	0 43	5 56	2 0	28 12	15 15	10 47	10 45	16 20		n.a.
T 26	20 43	13 54	1 3	22 59	0 31	24 43	1 3	22 56	1 25	13 51	1 23	23 23	0 8	18 4	0 43	5 56	2 0	28 11	15 15	10 48	10 46	16 20		n.a.
W27	20 54	10 12	0s11	22 45	0 46	24 31	0 52	22 49	1 24	13 49	1 23	23 24	0 8	18 4	0 43	5 55	2 0	28 10	15 15	10 48	10 47	16 19		n.a.
T 28	21 6	5 59	1 24	22 30	1 1	24 19	0 40	22 42	1 24	13 47	1 23	23 24	0 8	18 4	0 43	5 55	2 0	28 10	15 14	10 48	10 49	16 18		n.a.
F 29	21 16	1 30	2 30	22 14	1 17	24 7	0 28	22 35	1 23	13 45	1 23	23 24	0 8	18 4	0 43	5 55	2 0	28 9	15 14	10 48	10 50	16 17		n.a.
S 30	21 27	3n 0	3 28	21 59	1 32	23 54	0 16	22 28	1 23	13 43	1 23	23 24	0 8	18 5	0 43	5 54	2 0	28 9	15 13	10 50	10 51	16 16		n.a.
S 31	21n37	7n17	4s13	21n42	1s48	23n40	0n 3	22n20	1n22	13n40	1n22	23s25	0n 7	18s 5	0s43	5s54	2n 0	28n 8	15n13	10n52	10n52	16n15		n.a.

Julian Day Number = 1716795.5, Delta T = 02h57m58s
Ecliptic obliquity = 23°41'39, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°14'12, Lahiri = - 4°07'12 Julian Calendar 1 May 13 BCE == Greg. Calendar 29 Apr. 013 BCE

The year -12 astronomical counting style corresponds to year 013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 13 BCE
geocentric

JUNE 13 BCE (-12) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 29 25	7♊23'25	12♉ 9	22°R57	25°R10	27♋31	27♌50	6°R23	11°R56	19°R35	23♌25	1°R51	1♍58	9♌ 9	n.a.	M 1
T 2	16 33 21	8°20'33	25° 9	22♊44	24♊46	28° 7	27°56	6♑20	11♒56	19♎34	23°26	1♍39	1°55	9°16	n.a.	T 2
W 3	16 37 18	9°17'41	7♊57	22°27	24°21	28°43	28° 3	6°16	11°55	19°34	23°26	1°26	1°52	9°22	n.a.	W 3
T 4	16 41 14	10°14'49	20°31	22° 5	23°54	29°19	28° 9	6°12	11°54	19°33	23°27	1°14	1°48	9°29	n.a.	T 4
F 5	16 45 11	11°11'58	2♋52	21°40	23°24	29°55	28°16	6° 8	11°54	19°32	23°28	1° 2	1°45	9°36	n.a.	F 5
S 6	16 49 7	12° 9'06	15° 0	21°12	22°54	0♌31	28°23	6° 5	11°53	19°31	23°29	0°53	1°42	9°42	n.a.	S 6
S 7	16 53 4	13° 6'14	26°58	20°40	22°21	1° 7	28°30	6° 1	11°52	19°30	23°30	0°46	1°39	9°49	n.a.	S 7
M 8	16 57 0	14° 3'22	8♌49	20° 6	21°48	1°43	28°37	5°57	11°51	19°29	23°31	0°42	1°36	9°56	n.a.	M 8
T 9	17 0 57	15° 0'30	20°37	19°30	21°13	2°20	28°44	5°53	11°50	19°29	23°32	0°40	1°33	10° 2	n.a.	T 9
W10	17 4 54	15°57'38	2♍26	18°53	20°37	2°56	28°51	5°49	11°49	19°28	23°33	0°D40	1°29	10° 9	n.a.	W10
T 11	17 8 50	16°54'45	14°21	18°14	20° 0	3°32	28°59	5°45	11°48	19°27	23°34	0°R40	1°26	10°16	n.a.	T 11
F 12	17 12 47	17°51'53	26°28	17°36	19°23	4° 9	29° 6	5°41	11°47	19°26	23°35	0°40	1°23	10°22	n.a.	F 12
S 13	17 16 43	18°49'01	8♎52	16°58	18°46	4°45	29°14	5°36	11°46	19°26	23°37	0°38	1°20	10°29	n.a.	S 13
S 14	17 20 40	19°46'09	21°38	16°22	18° 8	5°22	29°22	5°32	11°45	19°25	23°38	0°34	1°17	10°36	n.a.	S 14
M15	17 24 36	20°43'18	4♏50	15°47	17°31	5°58	29°30	5°28	11°44	19°25	23°39	0°28	1°14	10°42	n.a.	M15
T 16	17 28 33	21°40'26	18°28	15°14	16°54	6°35	29°38	5°24	11°42	19°24	23°40	0°20	1°10	10°49	n.a.	T 16
W17	17 32 29	22°37'35	2♐33	14°45	16°18	7°12	29°46	5°20	11°41	19°24	23°41	0°10	1° 7	10°56	n.a.	W17
T 18	17 36 26	23°34'44	17° 0	14°20	15°43	7°48	29°54	5°15	11°40	19°23	23°43	29♌59	1° 4	11° 2	n.a.	T 18
F 19	17 40 23	24°31'54	1♑43	13°58	15° 9	8°25	0♍ 2	5°11	11°38	19°23	23°44	29°51	1° 1	11° 9	n.a.	F 19
S 20	17 44 19	25°29'05	16°35	13°41	14°36	9° 2	0°11	5° 7	11°37	19°22	23°45	29°43	0°58	11°16	n.a.	S 20
S 21	17 48 16	26°26'16	1♒27	13°29	14° 5	9°39	0°20	5° 2	11°35	19°22	23°47	29°38	0°54	11°22	n.a.	S 21
M22	17 52 12	27°23'28	16°11	13°22	13°35	10°16	0°28	4°58	11°34	19°21	23°48	29°35	0°51	11°29	n.a.	M22
T 23	17 56 9	28°20'41	0♓41	13°D20	13° 8	10°53	0°37	4°53	11°32	19°21	23°49	29°D35	0°48	11°36	n.a.	T 23
W24	18 0 5	29°17'54	14°56	13°25	12°42	11°30	0°46	4°49	11°31	19°21	23°51	29°35	0°45	11°42	n.a.	W24
T 25	18 4 2	0♋15'09	28°52	13°34	12°19	12° 7	0°55	4°45	11°29	19°20	23°52	29°R36	0°42	11°49	n.a.	T 25
F 26	18 7 59	1°12'25	12♈32	13°50	11°57	12°44	1° 4	4°40	11°28	19°20	23°54	29°35	0°39	11°56	n.a.	F 26
S 27	18 11 55	2° 9'42	25°54	14°12	11°38	13°21	1°13	4°36	11°26	19°20	23°55	29°33	0°35	12° 2	n.a.	S 27
S 28	18 15 52	3° 6'59	9♉ 2	14°40	11°21	13°58	1°23	4°31	11°24	19°20	23°57	29°28	0°32	12° 9	n.a.	S 28
M29	18 19 48	4° 4'19	21°56	15°14	11° 7	14°36	1°32	4°27	11°23	19°20	23°58	29°21	0°29	12°16	n.a.	M29
T 30	18 23 45	5♋ 1'39	4♊37	15♊53	10♊54	15♌13	1♍42	4♑22	11♒21	19♎19	24♌ 0	29♌12	0♍26	12♌22	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n47	11n 9	4s43	21n26	2s 4	23n27	0s10	22n12	1n21	13n38	1n22	23s25	0n 7	18s 5	0s43	5s54	2n 0	28n 7	15n12	10n56	10n53	16n14		n.a.
T 2	21 56	14 25	4 59	21 9	2 20	23 12	0 23	22 5	1 21	13 36	1 22	23 25	0 7	18 5	0 43	5 53	2 0	28 7	15 12	11 0	10 54	16 13		n.a.
W 3	22 5	16 57	4 59	20 53	2 36	22 58	0 37	21 57	1 20	13 33	1 22	23 25	0 7	18 5	0 43	5 53	2 0	28 6	15 12	11 5	10 55	16 12		n.a.
T 4	22 13	18 38	4 44	20 36	2 51	22 43	0 50	21 49	1 20	13 31	1 21	23 26	0 7	18 6	0 43	5 53	2 0	28 5	15 11	11 9	10 57	16 11		n.a.
F 5	22 22	19 24	4 16	20 20	3 6	22 27	1 4	21 40	1 19	13 28	1 21	23 26	0 7	18 6	0 43	5 52	2 0	28 5	15 11	11 13	10 58	16 10		n.a.
S 6	22 29	19 15	3 37	20 4	3 21	22 12	1 18	21 32	1 19	13 26	1 21	23 26	0 7	18 6	0 43	5 52	2 0	28 4	15 10	11 17	10 59	16 9		n.a.
S 7	22 37	18 14	2 49	19 48	3 34	21 56	1 33	21 24	1 18	13 23	1 21	23 27	0 7	18 6	0 43	5 52	2 0	28 3	15 10	11 19	11 0	16 8		n.a.
M 8	22 44	16 25	1 53	19 33	3 46	21 40	1 47	21 15	1 18	13 20	1 21	23 27	0 7	18 7	0 43	5 52	2 0	28 2	15 10	11 21	11 1	16 7		n.a.
T 9	22 50	13 56	0 53	19 19	3 58	21 23	2 1	21 6	1 17	13 18	1 20	23 27	0 7	18 7	0 43	5 51	2 0	28 2	15 9	11 21	11 2	16 6		n.a.
W10	22 57	10 52	0n 9	19 6	4 8	21 7	2 15	20 57	1 17	13 15	1 20	23 27	0 7	18 7	0 43	5 51	1 59	28 1	15 9	11 21	11 4	16 5		n.a.
T 11	23 3	7 20	1 12	18 54	4 17	20 51	2 29	20 48	1 16	13 12	1 20	23 28	0 7	18 8	0 43	5 51	1 59	28 0	15 9	11 21	11 5	16 4		n.a.
F 12	23 8	3 27	2 13	18 44	4 24	20 34	2 42	20 39	1 16	13 9	1 20	23 28	0 6	18 8	0 44	5 51	1 59	27 59	15 8	11 21	11 6	16 3		n.a.
S 13	23 13	0s40	3 9	18 34	4 30	20 18	2 56	20 30	1 15	13 6	1 20	23 28	0 6	18 8	0 44	5 51	1 59	27 59	15 8	11 22	11 7	16 2		n.a.
S 14	23 18	4 52	3 57	18 26	4 34	20 2	3 9	20 20	1 15	13 3	1 20	23 28	0 6	18 9	0 44	5 50	1 59	27 58	15 7	11 23	11 8	16 1		n.a.
M15	23 22	8 58	4 34	18 20	4 37	19 46	3 21	20 10	1 14	13 0	1 19	23 29	0 6	18 9	0 44	5 50	1 59	27 57	15 7	11 26	11 9	16 0		n.a.
T 16	23 26	12 45	4 57	18 16	4 38	19 30	3 34	20 1	1 13	12 57	1 19	23 29	0 6	18 9	0 44	5 50	1 59	27 56	15 7	11 28	11 10	15 59		n.a.
W17	23 29	15 56	5 3	18 13	4 38	19 15	3 46	19 51	1 13	12 54	1 19	23 29	0 6	18 10	0 44	5 50	1 59	27 56	15 6	11 32	11 11	15 58		n.a.
T 18	23 32	18 14	4 50	18 12	4 35	19 0	3 57	19 41	1 12	12 51	1 19	23 29	0 6	18 10	0 44	5 50	1 59	27 55	15 6	11 35	11 13	15 57		n.a.
F 19	23 35	19 23	4 18	18 13	4 32	18 45	4 8	19 30	1 12	12 48	1 19	23 30	0 6	18 11	0 44	5 50	1 59	27 54	15 6	11 39	11 14	15 56		n.a.
S 20	23 37	19 12	3 28	18 16	4 27	18 31	4 18	19 20	1 11	12 45	1 18	23 30	0 6	18 11	0 44	5 50	1 59	27 53	15 5	11 41	11 15	15 55		n.a.
S 21	23 39	17 42	2 24	18 21	4 21	18 18	4 28	19 10	1 11	12 42	1 18	23 30	0 6	18 11	0 44	5 50	1 59	27 52	15 5	11 43	11 16	15 54		n.a.
M22	23 40	15 2	1 11	18 28	4 13	18 6	4 37	18 59	1 10	12 38	1 18	23 30	0 6	18 12	0 44	5 49	1 59	27 52	15 5	11 44	11 17	15 53		n.a.
T 23	23 41	11 26	0s 6	18 36	4 4	17 54	4 45	18 48	1 10	12 35	1 18	23 31	0 5	18 12	0 44	5 49	1 59	27 51	15 4	11 44	11 18	15 52		n.a.
W24	23 42	7 15	1 21	18 47	3 54	17 43	4 53	18 37	1 9	12 32	1 18	23 31	0 5	18 13	0 44	5 49	1 59	27 50	15 4	11 44	11 19	15 51		n.a.
T 25	23 42	2 45	2 30	18 58	3 44	17 33	5 0	18 26	1 9	12 28	1 18	23 31	0 5	18 13	0 44	5 49	1 59	27 49	15 4	11 44	11 21	15 50		n.a.
F 26	23 41	1n48	3 29	19 12	3 32	17 24	5 7	18 15	1 8	12 25	1 17	23 31	0 5	18 14	0 44	5 49	1 59	27 48	15 3	11 44	11 22	15 48		n.a.
S 27	23 41	6 9	4 15	19 27	3 20	17 15	5 13	18 4	1 8	12 21	1 17	23 32	0 5	18 14	0 44	5 49	1 58	27 48	15 3	11 45	11 23	15 47		n.a.
S 28	23 39	10 8	4 47	19 43	3 7	17 8	5 18	17 53	1 7	12 18	1 17	23 32	0 5	18 15	0 44	5 49	1 58	27 47	15 3	11 47	11 24	15 46		n.a.
M29	23 38	13 34	5 3	20 0	2 53	17 1	5 23	17 41	1 6	12 14	1 17	23 32	0 5	18 15	0 44	5 49	1 58	27 46	15 2	11 49	11 25	15 45		n.a.
T 30	23n36	16n18	5s 4	20n18	2s39	16n55	5s27	17n30	1n 6	12n11	1n17	23s32	0n 5	18s16	0s44	5s49	1n58	27n45	15n 2	11n52	11n26	15n44		n.a.

Julian Day Number = 1716826.5, Delta T = 02h57m57s
Ecliptic obliquity = 23°41'39, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°14'08, Lahiri = - 4°07'08 Julian Calendar 1 June 13 BCE == Greg. Calendar 30 May 013 BCE

The year -12 astronomical counting style corresponds to year 013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 13 BCE
geocentric

JULY 13 BCE (-12) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 27 41	5♋59'00	17♊ 6	16♊39	10°R45	15♌50	1♍51	4°R18	11°R19	19°R19	24♌ 2	29°R 3	0♍23	12♌29	n.a.	W 1
T 2	18 31 38	6°56'22	29°25	17°30	10♊37	16°28	2° 1	4♂13	11♒17	19♎19	24° 3	28♌53	0°19	12°35	n.a.	T 2
F 3	18 35 34	7°53'46	11♋33	18°28	10°32	17° 5	2°11	4° 9	11°15	19°D19	24° 5	28°45	0°16	12°42	n.a.	F 3
S 4	18 39 31	8°51'10	23°33	19°31	10°30	17°43	2°21	4° 5	11°13	19°19	24° 6	28°38	0°13	12°49	n.a.	S 4
S 5	18 43 28	9°48'35	5♌25	20°39	10°D29	18°21	2°31	4° 0	11°12	19°19	24° 8	28°33	0°10	12°55	n.a.	S 5
M 6	18 47 24	10°46'01	17°13	21°53	10°31	18°58	2°41	3°56	11°10	19°19	24°10	28°30	0° 7	13° 2	n.a.	M 6
T 7	18 51 21	11°43'28	28°59	23°12	10°36	19°36	2°51	3°51	11° 8	19°19	24°12	28°D29	0° 4	13° 9	n.a.	T 7
W 8	18 55 17	12°40'56	10♍48	24°36	10°42	20°14	3° 1	3°47	11° 6	19°20	24°13	28°30	0° 0	13°15	n.a.	W 8
T 9	18 59 14	13°38'25	22°43	26° 5	10°51	20°52	3°12	3°43	11° 4	19°20	24°15	28°31	29♌57	13°22	n.a.	T 9
F 10	19 3 10	14°35'55	4♎49	27°38	11° 1	21°29	3°22	3°38	11° 2	19°20	24°17	28°33	29°54	13°29	n.a.	F 10
S 11	19 7 7	15°33'26	17°11	29°16	11°14	22° 7	3°33	3°34	10°59	19°20	24°19	28°R33	29°51	13°35	n.a.	S 11
S 12	19 11 3	16°30'58	29°55	0♋58	11°29	22°45	3°43	3°30	10°57	19°20	24°20	28°32	29°48	13°42	n.a.	S 12
M13	19 15 0	17°28'30	13♏ 4	2°43	11°46	23°23	3°54	3°25	10°55	19°21	24°22	28°29	29°45	13°49	n.a.	M13
T 14	19 18 57	18°26'04	26°41	4°31	12° 4	24° 2	4° 5	3°21	10°53	19°21	24°24	28°25	29°41	13°55	n.a.	T 14
W15	19 22 53	19°23'39	10♐46	6°23	12°25	24°40	4°16	3°17	10°51	19°21	24°26	28°20	29°38	14° 2	n.a.	W15
T 16	19 26 50	20°21'15	25°17	8°17	12°47	25°18	4°26	3°13	10°49	19°22	24°28	28°14	29°35	14° 9	n.a.	T 16
F 17	19 30 46	21°18'53	10♑10	10°13	13°11	25°56	4°37	3° 9	10°47	19°22	24°30	28° 9	29°32	14°15	n.a.	F 17
S 18	19 34 43	22°16'31	25°15	12°10	13°36	26°34	4°49	3° 5	10°44	19°23	24°32	28° 5	29°29	14°22	n.a.	S 18
S 19	19 38 39	23°14'12	10♒24	14° 9	14° 3	27°13	5° 0	3° 0	10°42	19°23	24°34	28° 2	29°25	14°29	n.a.	S 19
M20	19 42 36	24°11'53	25°27	16° 9	14°32	27°51	5°11	2°56	10°40	19°24	24°36	28°D 1	29°22	14°35	n.a.	M20
T 21	19 46 32	25° 9'36	10♓16	18°10	15° 2	28°30	5°22	2°52	10°38	19°24	24°38	28° 2	29°19	14°42	n.a.	T 21
W22	19 50 29	26° 7'21	24°46	20°11	15°34	29° 8	5°33	2°49	10°35	19°25	24°40	28° 3	29°16	14°49	n.a.	W22
T 23	19 54 26	27° 5'08	8♈53	22°12	16° 7	29°47	5°45	2°45	10°33	19°25	24°42	28° 4	29°13	14°55	n.a.	T 23
F 24	19 58 22	28° 2'57	22°37	24°13	16°42	0♍25	5°56	2°41	10°31	19°26	24°44	28°R 5	29°10	15° 2	n.a.	F 24
S 25	20 2 19	29° 0'47	5♉58	26°14	17°17	1° 4	6° 8	2°37	10°28	19°27	24°46	28° 5	29° 6	15° 8	n.a.	S 25
S 26	20 6 15	29°58'40	18°59	28°14	17°54	1°43	6°19	2°33	10°26	19°27	24°48	28° 4	29° 3	15°15	n.a.	S 26
M27	20 10 12	0♌56'34	1♊42	0♌13	18°32	2°22	6°31	2°30	10°24	19°28	24°50	28° 1	29° 0	15°22	n.a.	M27
T 28	20 14 8	1°54'30	14°10	2°11	19°12	3° 0	6°43	2°26	10°21	19°29	24°52	27°58	28°57	15°28	n.a.	T 28
W29	20 18 5	2°52'28	26°26	4° 8	19°52	3°39	6°54	2°23	10°19	19°30	24°54	27°54	28°54	15°35	n.a.	W29
T 30	20 22 1	3°50'28	8♋31	6° 5	20°33	4°18	7° 6	2°19	10°16	19°31	24°56	27°49	28°51	15°42	n.a.	T 30
F 31	20 25 58	4♌48'30	20♋29	8♌ 0	21♊16	4♍57	7♍18	2♂16	10♒14	19♎31	24♌58	27♌46	28♌47	15♌48	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23n33	18n14	4s51	20n37	2s25	16n50	5s31	17n18	1n 5	12n 7	1n17	23s33	0n 5	18s16	0s44	5s49	1n58	27n44	15n 2	11n56	11n27	15n43			n.a.
T 2	23 31	19 17	4 24	20 56	2 10	16 46	5 34	17 6	1 5	12 3	1 17	23 33	0 5	18 17	0 44	5 49	1 58	27 43	15 1	11 59	11 29	15 42			n.a.
F 3	23 27	19 27	3 45	21 16	1 56	16 43	5 37	16 54	1 4	12 0	1 16	23 33	0 5	18 17	0 44	5 49	1 58	27 43	15 1	12 2	11 30	15 41			n.a.
S 4	23 24	18 42	2 57	21 36	1 41	16 40	5 39	16 42	1 4	11 56	1 16	23 33	0 4	18 18	0 44	5 49	1 58	27 42	15 1	12 5	11 31	15 40			n.a.
S 5	23 20	17 9	2 1	21 56	1 26	16 38	5 41	16 30	1 3	11 52	1 16	23 34	0 4	18 19	0 44	5 49	1 58	27 41	15 1	12 6	11 32	15 39			n.a.
M 6	23 15	14 53	1 1	22 15	1 11	16 37	5 42	16 17	1 3	11 48	1 16	23 34	0 4	18 19	0 44	5 50	1 58	27 40	15 0	12 7	11 33	15 38			n.a.
T 7	23 10	11 59	0n 3	22 34	0 57	16 37	5 43	16 5	1 2	11 45	1 16	23 34	0 4	18 20	0 44	5 50	1 58	27 39	15 0	12 7	11 34	15 37			n.a.
W 8	23 5	8 37	1 6	22 52	0 43	16 38	5 43	15 52	1 2	11 41	1 16	23 34	0 4	18 20	0 44	5 50	1 58	27 38	15 0	12 7	11 35	15 36			n.a.
T 9	22 59	4 52	2 8	23 9	0 29	16 39	5 43	15 39	1 1	11 37	1 16	23 34	0 4	18 21	0 44	5 50	1 58	27 37	15 0	12 7	11 36	15 35			n.a.
F 10	22 53	0 53	3 4	23 25	0 15	16 41	5 43	15 27	1 0	11 33	1 15	23 35	0 4	18 21	0 44	5 50	1 58	27 37	14 59	12 6	11 38	15 33			n.a.
S 11	22 47	3s13	3 54	23 39	0 2	16 43	5 42	15 14	1 0	11 29	1 15	23 35	0 4	18 22	0 44	5 50	1 58	27 36	14 59	12 6	11 39	15 32			n.a.
S 12	22 40	7 18	4 33	23 52	0n10	16 46	5 41	15 1	0 59	11 25	1 15	23 35	0 4	18 23	0 44	5 50	1 57	27 35	14 59	12 7	11 40	15 31			n.a.
M13	22 32	11 10	5 0	24 2	0 22	16 50	5 40	14 47	0 59	11 21	1 15	23 35	0 4	18 23	0 44	5 50	1 57	27 34	14 59	12 7	11 41	15 30			n.a.
T 14	22 25	14 35	5 11	24 10	0 33	16 54	5 38	14 34	0 58	11 17	1 15	23 36	0 4	18 24	0 44	5 51	1 57	27 33	14 58	12 9	11 42	15 29			n.a.
W15	22 17	17 17	5 4	24 16	0 44	16 58	5 36	14 21	0 58	11 13	1 15	23 36	0 3	18 24	0 44	5 51	1 57	27 32	14 58	12 11	11 43	15 28			n.a.
T 16	22 8	18 59	4 37	24 19	0 54	17 3	5 34	14 7	0 57	11 9	1 15	23 36	0 3	18 25	0 44	5 51	1 57	27 31	14 58	12 13	11 44	15 27			n.a.
F 17	21 59	19 27	3 52	24 20	1 2	17 9	5 31	13 54	0 57	11 4	1 15	23 36	0 3	18 26	0 44	5 51	1 57	27 31	14 58	12 15	11 45	15 26			n.a.
S 18	21 50	18 32	2 49	24 18	1 11	17 14	5 29	13 40	0 56	11 0	1 14	23 36	0 3	18 26	0 44	5 52	1 57	27 30	14 58	12 16	11 47	15 25			n.a.
S 19	21 40	16 18	1 35	24 13	1 18	17 20	5 26	13 26	0 55	10 56	1 14	23 37	0 3	18 27	0 44	5 52	1 57	27 29	14 57	12 17	11 48	15 23			n.a.
M20	21 30	12 57	0 14	24 6	1 24	17 27	5 23	13 12	0 55	10 52	1 14	23 37	0 3	18 28	0 44	5 52	1 57	27 28	14 57	12 17	11 49	15 22			n.a.
T 21	21 20	8 49	1s 7	23 56	1 30	17 33	5 19	12 58	0 54	10 47	1 14	23 37	0 3	18 28	0 45	5 52	1 57	27 27	14 57	12 17	11 50	15 21			n.a.
W22	21 9	4 16	2 21	23 43	1 35	17 40	5 16	12 44	0 54	10 43	1 14	23 37	0 3	18 29	0 45	5 53	1 57	27 26	14 57	12 17	11 51	15 20			n.a.
T 23	20 58	0n25	3 25	23 28	1 39	17 47	5 12	12 30	0 53	10 39	1 14	23 37	0 3	18 30	0 45	5 53	1 57	27 25	14 57	12 16	11 52	15 19			n.a.
F 24	20 46	4 56	4 16	23 10	1 42	17 54	5 8	12 16	0 53	10 34	1 14	23 37	0 3	18 30	0 45	5 53	1 57	27 24	14 56	12 16	11 53	15 18			n.a.
S 25	20 34	9 5	4 51	22 50	1 44	18 2	5 4	12 1	0 52	10 30	1 14	23 38	0 3	18 31	0 45	5 53	1 57	27 24	14 56	12 16	11 54	15 17			n.a.
S 26	20 22	12 41	5 10	22 28	1 46	18 9	5 0	11 47	0 52	10 26	1 14	23 38	0 2	18 32	0 45	5 54	1 57	27 23	14 56	12 16	11 56	15 15			n.a.
M27	20 10	15 36	5 13	22 3	1 47	18 17	4 56	11 32	0 51	10 21	1 14	23 38	0 2	18 32	0 45	5 54	1 57	27 22	14 56	12 17	11 57	15 14			n.a.
T 28	19 57	17 45	5 2	21 37	1 47	18 24	4 52	11 17	0 50	10 17	1 13	23 38	0 2	18 33	0 45	5 55	1 56	27 21	14 56	12 19	11 58	15 13			n.a.
W29	19 43	19 3	4 36	21 9	1 47	18 32	4 47	11 3	0 50	10 12	1 13	23 38	0 2	18 33	0 45	5 55	1 56	27 20	14 56	12 20	11 59	15 12			n.a.
T 30	19 30	19 27	3 59	20 40	1 46	18 39	4 43	10 48	0 49	10 8	1 13	23 38	0 2	18 34	0 45	5 55	1 56	27 19	14 56	12 21	12 0	15 11			n.a.
F 31	19n16	18n58	3s11	20n 8	1n44	18n47	4s38	10n33	0n49	10n 3	1n13	23s39	0n 2	18s35	0s45	5s56	1n56	27n18	14n56	12n23	12n 1	15n10			n.a.

Julian Day Number = 1716856.5, Delta T = 02h57m56s
Ecliptic obliquity = 23°41'39, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°14'04, Lahiri = - 4°07'04 Julian Calendar 1 July 13 BCE == Greg. Calendar 29 June 013 BCE

The year -12 astronomical counting style corresponds to year 013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 13 BCE
geocentric

AUGUST 13 BCE (-12) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 29 55	5♌46'34	2♌21	9♌54	21♊59	5♍36	7♍30	2°R12	10°R12	19♎32	25♌ 0	27°R43	28♌44	15♌55	n.a.	S 1
S 2	20 33 51	6°44'39	14°10	11°47	22°44	6°15	7°42	2♑ 9	10♒ 9	19°33	25° 2	27♌41	28°41	16° 2	n.a.	S 2
M 3	20 37 48	7°42'46	25°56	13°39	23°29	6°55	7°54	2° 6	10° 7	19°34	25° 4	27°D41	28°38	16° 8	n.a.	M 3
T 4	20 41 44	8°40'55	7♍44	15°29	24°15	7°34	8° 6	2° 3	10° 4	19°35	25° 6	27°41	28°35	16°15	n.a.	T 4
W 5	20 45 41	9°39'05	19°35	17°19	25° 2	8°13	8°18	2° 0	10° 2	19°36	25° 9	27°42	28°31	16°22	n.a.	W 5
T 6	20 49 37	10°37'17	1♎33	19° 7	25°50	8°53	8°30	1°57	10° 0	19°37	25°11	27°43	28°28	16°28	n.a.	T 6
F 7	20 53 34	11°35'31	13°42	20°53	26°39	9°32	8°43	1°54	9°57	19°38	25°13	27°45	28°25	16°35	n.a.	F 7
S 8	20 57 30	12°33'46	26° 5	22°39	27°28	10°11	8°55	1°51	9°55	19°39	25°15	27°46	28°22	16°42	n.a.	S 8
S 9	21 1 27	13°32'03	8♏46	24°24	28°18	10°51	9° 7	1°48	9°52	19°41	25°17	27°R46	28°19	16°48	n.a.	S 9
M10	21 5 24	14°30'21	21°50	26° 7	29° 9	11°30	9°20	1°46	9°50	19°42	25°19	27°46	28°16	16°55	n.a.	M10
T 11	21 9 20	15°28'42	5♐20	27°49	0♋ 1	12°10	9°32	1°43	9°48	19°43	25°22	27°46	28°12	17° 2	n.a.	T 11
W12	21 13 17	16°27'03	19°16	29°30	0°53	12°50	9°44	1°40	9°45	19°44	25°24	27°45	28° 9	17° 8	n.a.	W12
T 13	21 17 13	17°25'27	3♑39	1♍10	1°46	13°29	9°57	1°38	9°43	19°45	25°26	27°43	28° 6	17°15	n.a.	T 13
F 14	21 21 10	18°23'52	18°25	2°48	2°39	14° 9	10° 9	1°36	9°41	19°47	25°28	27°42	28° 3	17°21	n.a.	F 14
S 15	21 25 6	19°22'20	3♒28	4°26	3°33	14°49	10°22	1°33	9°38	19°48	25°30	27°41	28° 0	17°28	n.a.	S 15
S 16	21 29 3	20°20'49	18°41	6° 3	4°28	15°29	10°35	1°31	9°36	19°49	25°33	27°41	27°57	17°35	n.a.	S 16
M17	21 32 59	21°19'20	3♓53	7°38	5°23	16° 9	10°47	1°29	9°34	19°51	25°35	27°D41	27°53	17°41	n.a.	M17
T 18	21 36 56	22°17'53	18°55	9°12	6°19	16°49	11° 0	1°27	9°31	19°52	25°37	27°41	27°50	17°48	n.a.	T 18
W19	21 40 52	23°16'28	3♈39	10°46	7°15	17°29	11°13	1°25	9°29	19°53	25°39	27°42	27°47	17°55	n.a.	W19
T 20	21 44 49	24°15'05	17°59	12°18	8°12	18° 9	11°25	1°23	9°27	19°55	25°41	27°42	27°44	18° 1	n.a.	T 20
F 21	21 48 46	25°13'45	1♉53	13°49	9° 9	18°49	11°38	1°22	9°24	19°56	25°44	27°42	27°41	18° 8	n.a.	F 21
S 22	21 52 42	26°12'27	15°21	15°19	10° 7	19°29	11°51	1°20	9°22	19°58	25°46	27°42	27°37	18°15	n.a.	S 22
S 23	21 56 39	27°11'11	28°23	16°48	11° 6	20° 9	12° 3	1°18	9°20	19°59	25°48	27°42	27°34	18°21	n.a.	S 23
M24	22 0 35	28° 9'58	11♊ 4	18°16	12° 4	20°50	12°16	1°17	9°18	20° 1	25°50	27°42	27°31	18°28	n.a.	M24
T 25	22 4 32	29° 8'47	23°26	19°43	13° 4	21°30	12°29	1°16	9°15	20° 2	25°52	27°42	27°28	18°35	n.a.	T 25
W26	22 8 28	0♍ 7'39	5♋34	21° 9	14° 3	22°11	12°42	1°14	9°13	20° 4	25°55	27°43	27°25	18°41	n.a.	W26
T 27	22 12 25	1° 6'33	17°32	22°34	15° 3	22°51	12°55	1°13	9°11	20° 6	25°57	27°43	27°22	18°48	n.a.	T 27
F 28	22 16 21	2° 5'29	29°23	23°58	16° 4	23°32	13° 8	1°12	9° 9	20° 7	25°59	27°43	27°18	18°55	n.a.	F 28
S 29	22 20 18	3° 4'28	11♌11	25°20	17° 5	24°12	13°21	1°11	9° 7	20° 9	26° 1	27°44	27°15	19° 1	n.a.	S 29
S 30	22 24 15	4° 3'28	22°58	26°42	18° 6	24°53	13°34	1°10	9° 5	20°11	26° 4	27°R44	27°12	19° 8	n.a.	S 30
M31	22 28 11	5♍ 2'31	4♍47	28♍ 2	19♋ 7	25♍33	13♍47	1♑ 9	9♒ 2	20♎12	26♌ 6	27♌44	27♌ 9	19♌14	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	19n 2	17n39	2s15	19n36	1n42	18n54	4s33	10n18	0n48	9n59	1n13	23s39	0n 2	18s35	0s45	5s56	1n56	27n18	14n55	12n24	12n 2	15n 9		n.a.	
S 2	18 47	15 35	1 14	19 2	1 40	19 2	4 28	10 3	0 48	9 54	1 13	23 39	0 2	18 36	0 45	5 56	1 56	27 17	14 55	12 24	12 3	15 7		n.a.	
M 3	18 32	12 51	0 10	18 27	1 37	19 9	4 23	9 48	0 47	9 49	1 13	23 39	0 2	18 37	0 45	5 57	1 56	27 16	14 55	12 24	12 4	15 6		n.a.	
T 4	18 17	9 37	0n55	17 51	1 33	19 16	4 18	9 32	0 46	9 45	1 13	23 39	0 2	18 37	0 45	5 57	1 56	27 15	14 55	12 24	12 6	15 5		n.a.	
W 5	18 1	5 59	1 58	17 14	1 30	19 23	4 13	9 17	0 46	9 40	1 13	23 39	0 1	18 38	0 45	5 58	1 56	27 14	14 55	12 24	12 7	15 4		n.a.	
T 6	17 46	2 5	2 57	16 36	1 25	19 30	4 8	9 2	0 45	9 35	1 13	23 39	0 1	18 39	0 45	5 58	1 56	27 13	14 55	12 24	12 8	15 3		n.a.	
F 7	17 29	1s57	3 48	15 58	1 21	19 37	4 3	8 46	0 45	9 31	1 13	23 40	0 1	18 39	0 45	5 59	1 56	27 13	14 55	12 23	12 9	15 2		n.a.	
S 8	17 13	5 59	4 30	15 18	1 16	19 43	3 57	8 30	0 44	9 26	1 13	23 40	0 1	18 40	0 45	5 59	1 56	27 12	14 55	12 23	12 10	15 0		n.a.	
S 9	16 56	9 50	5 0	14 38	1 11	19 49	3 52	8 15	0 44	9 21	1 13	23 40	0 1	18 41	0 45	6 0	1 56	27 11	14 55	12 22	12 11	14 59		n.a.	
M10	16 39	13 20	5 16	13 58	1 5	19 55	3 47	7 59	0 43	9 16	1 12	23 40	0 1	18 41	0 45	6 0	1 56	27 10	14 55	12 22	12 12	14 58		n.a.	
T 11	16 22	16 16	5 15	13 17	0 59	20 1	3 41	7 43	0 42	9 12	1 12	23 40	0 1	18 42	0 45	6 1	1 56	27 9	14 55	12 23	12 13	14 57		n.a.	
W12	16 4	18 21	4 55	12 36	0 53	20 6	3 36	7 27	0 42	9 7	1 12	23 40	0 1	18 43	0 45	6 1	1 56	27 9	14 55	12 23	12 14	14 56		n.a.	
T 13	15 47	19 21	4 17	11 55	0 47	20 11	3 30	7 11	0 41	9 2	1 12	23 40	0 1	18 43	0 45	6 2	1 55	27 8	14 55	12 24	12 16	14 54		n.a.	
F 14	15 28	19 5	3 21	11 13	0 41	20 16	3 24	6 55	0 41	8 57	1 12	23 40	0 1	18 44	0 45	6 2	1 55	27 7	14 55	12 24	12 17	14 53		n.a.	
S 15	15 10	17 28	2 11	10 31	0 34	20 20	3 19	6 39	0 40	8 52	1 12	23 41	0 1	18 45	0 45	6 3	1 55	27 6	14 55	12 24	12 18	14 52		n.a.	
S 16	14 52	14 36	0 50	9 49	0 27	20 24	3 13	6 23	0 39	8 47	1 12	23 41	0 1	18 45	0 45	6 3	1 55	27 5	14 55	12 24	12 19	14 51		n.a.	
M17	14 33	10 43	0s34	9 7	0 20	20 27	3 8	6 7	0 39	8 43	1 12	23 41	0 0	18 46	0 45	6 4	1 55	27 5	14 55	12 24	12 20	14 50		n.a.	
T 18	14 14	6 12	1 55	8 24	0 13	20 31	3 2	5 51	0 38	8 38	1 12	23 41	0 0	18 46	0 45	6 4	1 55	27 4	14 55	12 24	12 21	14 48		n.a.	
W19	13 54	1 24	3 7	7 42	0 6	20 33	2 56	5 35	0 38	8 33	1 12	23 41	0 0	18 47	0 45	6 5	1 55	27 3	14 55	12 24	12 22	14 47		n.a.	
T 20	13 35	3n21	4 5	7 0	0s 1	20 36	2 51	5 18	0 37	8 28	1 12	23 41	0 0	18 48	0 45	6 6	1 55	27 2	14 55	12 24	12 23	14 46		n.a.	
F 21	13 15	7 47	4 47	6 18	0 9	20 38	2 45	5 2	0 37	8 23	1 12	23 41	0 0	18 48	0 45	6 6	1 55	27 2	14 55	12 24	12 24	14 45		n.a.	
S 22	12 55	11 39	5 11	5 36	0 16	20 39	2 39	4 45	0 36	8 18	1 12	23 41	0s 0	18 49	0 45	6 7	1 55	27 1	14 55	12 24	12 26	14 43		n.a.	
S 23	12 35	14 51	5 18	4 54	0 24	20 40	2 34	4 29	0 35	8 13	1 12	23 41	0 0	18 50	0 45	6 7	1 55	27 0	14 55	12 24	12 27	14 42		n.a.	
M24	12 14	17 14	5 10	4 12	0 31	20 41	2 28	4 12	0 35	8 8	1 12	23 41	0 0	18 50	0 45	6 8	1 55	26 59	14 55	12 24	12 28	14 41		n.a.	
T 25	11 54	18 45	4 47	3 31	0 39	20 41	2 22	3 56	0 34	8 3	1 12	23 42	0 0	18 51	0 45	6 9	1 55	26 59	14 55	12 24	12 29	14 40		n.a.	
W26	11 33	19 23	4 11	2 50	0 47	20 41	2 17	3 39	0 34	7 58	1 12	23 42	0 0	18 51	0 45	6 9	1 55	26 58	14 55	12 24	12 30	14 38		n.a.	
T 27	11 12	19 8	3 26	2 9	0 55	20 40	2 11	3 22	0 33	7 53	1 12	23 42	0 0	18 52	0 45	6 10	1 55	26 57	14 55	12 24	12 31	14 37		n.a.	
F 28	10 50	18 2	2 31	1 28	1 2	20 38	2 6	3 6	0 32	7 48	1 12	23 42	0 1	18 52	0 45	6 11	1 55	26 56	14 55	12 23	12 32	14 36		n.a.	
S 29	10 29	16 9	1 31	0 48	1 10	20 36	2 0	2 49	0 32	7 43	1 12	23 42	0 1	18 53	0 45	6 11	1 55	26 56	14 56	12 23	12 33	14 35		n.a.	
S 30	10 8	13 35	0 26	0 8	1 18	20 34	1 54	2 32	0 31	7 38	1 12	23 42	0 1	18 54	0 45	6 12	1 55	26 55	14 56	12 23	12 34	14 33		n.a.	
M31	9n46	10n28	0n39	0s31	1s25	20n31	1s49	2n15	0n31	7n33	1n12	23s42	0s 1	18s54	0s44	6s13	1n55	26n54	14n56	12n23	12n35	14n32		n.a.	

Julian Day Number = 1716887.5, Delta T = 02h57m55s
Ecliptic obliquity = 23°41'39, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°14'00, Lahiri = - 4°06'59 Julian Calendar 1 Aug. 13 BCE == Greg. Calendar 30 July 013 BCE

The year -12 astronomical counting style corresponds to year 013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 13 BCE
geocentric

SEPTEMBER 13 BCE (-12) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 32 8	6♍ 1'36	16♍40	29♍21	20♋ 9	26♍14	14♍ 0	1°R 9	9°R 0	20♎14	26♏ 8	27°R44	27♏ 6	19♏21	n.a.	T 1
W 2	22 36 4	7° 0'43	28°39	0♎39	21°12	26°55	14°13	1♉ 8	8♒58	20°16	26°10	27♏43	27° 2	19°28	n.a.	W 2
T 3	22 40 1	7°59'51	10♎47	1°55	22°14	27°36	14°26	1° 8	8°56	20°18	26°12	27°41	26°59	19°34	n.a.	T 3
F 4	22 43 57	8°59'02	23° 4	3° 9	23°17	28°17	14°39	1° 7	8°54	20°19	26°14	27°40	26°56	19°41	n.a.	F 4
S 5	22 47 54	9°58'15	5♏35	4°23	24°21	28°58	14°52	1° 7	8°52	20°21	26°17	27°38	26°53	19°48	n.a.	S 5
S 6	22 51 50	10°57'30	18°20	5°34	25°24	29°39	15° 5	1° 7	8°50	20°23	26°19	27°37	26°50	19°54	n.a.	S 6
M 7	22 55 47	11°56'47	1♐24	6°44	26°28	0♎20	15°18	1°D 7	8°49	20°25	26°21	27°36	26°47	20° 1	n.a.	M 7
T 8	22 59 43	12°56'06	14°47	7°52	27°32	1° 1	15°31	1° 7	8°47	20°27	26°23	27°D36	26°43	20° 8	n.a.	T 8
W 9	23 3 40	13°55'26	28°32	8°57	28°37	1°42	15°44	1° 7	8°45	20°29	26°25	27°36	26°40	20°14	n.a.	W 9
T 10	23 7 37	14°54'49	12♑39	10° 1	29°42	2°24	15°57	1° 7	8°43	20°30	26°27	27°37	26°37	20°21	n.a.	T 10
F 11	23 11 33	15°54'13	27° 8	11° 2	0♏47	3° 5	16°10	1° 7	8°41	20°32	26°29	27°38	26°34	20°28	n.a.	F 11
S 12	23 15 30	16°53'39	11♒55	12° 0	1°52	3°46	16°23	1° 8	8°40	20°34	26°32	27°40	26°31	20°34	n.a.	S 12
S 13	23 19 26	17°53'07	26°54	12°56	2°58	4°28	16°36	1° 8	8°38	20°36	26°34	27°R40	26°28	20°41	n.a.	S 13
M14	23 23 23	18°52'37	11♓58	13°49	4° 3	5° 9	16°49	1° 9	8°36	20°38	26°36	27°40	26°24	20°47	n.a.	M14
T 15	23 27 19	19°52'09	26°59	14°37	5°10	5°51	17° 2	1°10	8°35	20°40	26°38	27°38	26°21	20°54	n.a.	T 15
W16	23 31 16	20°51'43	11♈47	15°23	6°16	6°32	17°15	1°11	8°33	20°42	26°40	27°35	26°18	21° 1	n.a.	W16
T 17	23 35 12	21°51'19	26°15	16° 4	7°22	7°14	17°28	1°11	8°31	20°44	26°42	27°32	26°15	21° 7	n.a.	T 17
F 18	23 39 9	22°50'58	10♉18	16°40	8°29	7°56	17°41	1°12	8°30	20°46	26°44	27°28	26°12	21°14	n.a.	F 18
S 19	23 43 6	23°50'39	23°54	17°12	9°36	8°37	17°54	1°14	8°28	20°48	26°46	27°25	26° 8	21°21	n.a.	S 19
S 20	23 47 2	24°50'23	7♊ 3	17°37	10°44	9°19	18° 7	1°15	8°27	20°50	26°48	27°23	26° 5	21°27	n.a.	S 20
M21	23 50 59	25°50'09	19°46	17°57	11°51	10° 1	18°20	1°16	8°26	20°52	26°50	27°21	26° 2	21°34	n.a.	M21
T 22	23 54 55	26°49'57	2♋ 9	18°11	12°59	10°43	18°33	1°18	8°24	20°55	26°52	27°D21	25°59	21°41	n.a.	T 22
W23	23 58 52	27°49'47	14°16	18°R17	14° 7	11°25	18°46	1°19	8°23	20°57	26°54	27°22	25°56	21°47	n.a.	W23
T 24	0 2 48	28°49'40	26°11	18°15	15°15	12° 7	18°59	1°21	8°22	20°59	26°56	27°24	25°53	21°54	n.a.	T 24
F 25	0 6 45	29°49'35	7♌59	18° 5	16°23	12°49	19°12	1°22	8°20	21° 1	26°58	27°26	25°49	22° 1	n.a.	F 25
S 26	0 10 41	0♎49'32	19°45	17°47	17°32	13°31	19°25	1°24	8°19	21° 3	27° 0	27°27	25°46	22° 7	n.a.	S 26
S 27	0 14 38	1°49'32	1♍34	17°19	18°41	14°14	19°38	1°26	8°18	21° 5	27° 2	27°R27	25°43	22°14	n.a.	S 27
M28	0 18 34	2°49'33	13°28	16°42	19°49	14°56	19°51	1°28	8°17	21° 7	27° 4	27°26	25°40	22°21	n.a.	M28
T 29	0 22 31	3°49'37	25°29	15°57	20°59	15°38	20° 4	1°30	8°16	21° 9	27° 5	27°23	25°37	22°27	n.a.	T 29
W30	0 26 28	4♎49'43	7♎41	15♎ 2	22♏ 8	16♎21	20♍17	1♉32	8♒15	21♎12	27♏ 7	27♏18	25♏34	22♏34	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9n24	6n54	1n43	1s 9	1s33	20n28	1s43	1n58	0n30	7n28	1n12	23s42	0s 1	18s55	0s44	6s13	1n55	26n54	14n56	12n23	12n37	14n31		n.a.
W 2	9 2	3 2	2 43	1 48	1 40	20 24	1 38	1 41	0 29	7 23	1 12	23 42	0 1	18 55	0 44	6 14	1 54	26 53	14 56	12 24	12 38	14 30		n.a.
T 3	8 40	0s59	3 37	2 25	1 48	20 19	1 32	1 24	0 29	7 18	1 12	23 42	0 1	18 56	0 44	6 15	1 54	26 52	14 56	12 24	12 39	14 28		n.a.
F 4	8 17	5 1	4 21	3 2	1 55	20 14	1 27	1 7	0 28	7 12	1 12	23 43	0 1	18 56	0 44	6 16	1 54	26 52	14 56	12 25	12 40	14 27		n.a.
S 5	7 55	8 54	4 54	3 38	2 2	20 8	1 21	0 50	0 28	7 7	1 12	23 43	0 1	18 57	0 44	6 16	1 54	26 51	14 57	12 25	12 41	14 26		n.a.
S 6	7 32	12 28	5 13	4 13	2 10	20 2	1 16	0 33	0 27	7 2	1 12	23 43	0 1	18 57	0 44	6 17	1 54	26 50	14 57	12 26	12 42	14 25		n.a.
M 7	7 9	15 30	5 16	4 47	2 16	19 56	1 11	0 16	0 26	6 57	1 12	23 43	0 1	18 58	0 44	6 18	1 54	26 50	14 57	12 26	12 43	14 23		n.a.
T 8	6 46	17 48	5 3	5 20	2 23	19 48	1 5	0s 1	0 26	6 52	1 12	23 43	0 1	18 58	0 44	6 18	1 54	26 49	14 57	12 26	12 44	14 22		n.a.
W 9	6 23	19 9	4 32	5 53	2 30	19 40	1 0	0 18	0 25	6 47	1 12	23 43	0 2	18 59	0 44	6 19	1 54	26 49	14 57	12 26	12 45	14 21		n.a.
T 10	6 0	19 22	3 44	6 24	2 36	19 32	0 55	0 35	0 25	6 42	1 12	23 43	0 2	18 59	0 44	6 20	1 54	26 48	14 57	12 26	12 46	14 19		n.a.
F 11	5 37	18 19	2 41	6 53	2 42	19 23	0 50	0 52	0 24	6 37	1 12	23 43	0 2	19 0	0 44	6 21	1 54	26 47	14 58	12 25	12 48	14 18		n.a.
S 12	5 14	16 1	1 26	7 22	2 48	19 14	0 45	1 10	0 23	6 32	1 12	23 43	0 2	19 0	0 44	6 21	1 54	26 47	14 58	12 25	12 49	14 17		n.a.
S 13	4 50	12 37	0 4	7 48	2 53	19 4	0 40	1 27	0 23	6 26	1 12	23 43	0 2	19 0	0 44	6 22	1 54	26 46	14 58	12 25	12 50	14 16		n.a.
M14	4 27	8 21	1s18	8 14	2 58	18 53	0 35	1 44	0 22	6 21	1 12	23 43	0 2	19 1	0 44	6 23	1 54	26 46	14 58	12 25	12 51	14 14		n.a.
T 15	4 3	3 35	2 35	8 37	3 2	18 42	0 30	2 1	0 21	6 16	1 12	23 43	0 2	19 1	0 44	6 24	1 54	26 45	14 59	12 25	12 52	14 13		n.a.
W16	3 40	1n20	3 40	8 58	3 6	18 30	0 25	2 18	0 21	6 11	1 12	23 43	0 2	19 2	0 44	6 25	1 54	26 45	14 59	12 26	12 53	14 12		n.a.
T 17	3 16	6 4	4 29	9 17	3 9	18 18	0 20	2 35	0 20	6 6	1 12	23 44	0 2	19 2	0 44	6 25	1 54	26 44	14 59	12 28	12 54	14 10		n.a.
F 18	2 52	10 19	5 1	9 34	3 12	18 5	0 16	2 53	0 20	6 1	1 12	23 44	0 2	19 2	0 44	6 26	1 54	26 44	14 59	12 29	12 55	14 9		n.a.
S 19	2 28	13 53	5 14	9 48	3 14	17 52	0 11	3 10	0 19	5 56	1 12	23 44	0 2	19 3	0 44	6 27	1 54	26 43	15 0	12 30	12 56	14 8		n.a.
S 20	2 4	16 37	5 10	9 59	3 15	17 38	0 6	3 27	0 18	5 51	1 12	23 44	0 2	19 3	0 44	6 28	1 54	26 43	15 0	12 31	12 57	14 6		n.a.
M21	1 40	18 28	4 51	10 7	3 15	17 23	0 2	3 44	0 18	5 45	1 12	23 44	0 3	19 4	0 44	6 29	1 54	26 42	15 0	12 31	12 58	14 5		n.a.
T 22	1 16	19 22	4 19	10 11	3 14	17 8	0n 3	4 1	0 17	5 40	1 12	23 44	0 3	19 4	0 44	6 29	1 54	26 42	15 0	12 31	13 0	14 4		n.a.
W23	0 52	19 21	3 35	10 12	3 12	16 53	0 7	4 19	0 17	5 35	1 12	23 44	0 3	19 4	0 44	6 30	1 54	26 41	15 1	12 31	13 1	14 2		n.a.
T 24	0 28	18 28	2 43	10 8	3 9	16 37	0 11	4 36	0 16	5 30	1 12	23 44	0 3	19 4	0 44	6 31	1 54	26 41	15 1	12 30	13 2	14 1		n.a.
F 25	0 4	16 47	1 45	10 0	3 4	16 21	0 16	4 53	0 15	5 25	1 12	23 44	0 3	19 5	0 44	6 32	1 54	26 40	15 1	12 30	13 3	14 0		n.a.
S 26	0s20	14 23	0 42	9 47	2 58	16 4	0 20	5 10	0 15	5 20	1 12	23 44	0 3	19 5	0 44	6 33	1 54	26 40	15 2	12 29	13 4	13 58		n.a.
S 27	0 44	11 23	0n22	9 29	2 50	15 46	0 24	5 27	0 14	5 15	1 12	23 44	0 3	19 5	0 44	6 34	1 54	26 40	15 2	12 29	13 5	13 57		n.a.
M28	1 8	7 54	1 26	9 5	2 40	15 28	0 28	5 44	0 13	5 10	1 12	23 44	0 3	19 6	0 44	6 34	1 54	26 39	15 2	12 30	13 6	13 56		n.a.
T 29	1 32	4 3	2 27	8 37	2 28	15 10	0 32	6 1	0 13	5 5	1 12	23 44	0 3	19 6	0 44	6 35	1 54	26 39	15 3	12 31	13 7	13 54		n.a.
W30	1s56	0n 0	3n22	8s 3	2s15	14n51	0n36	6s18	0n12	5n 0	1n12	23s44	0s 3	19s 6	0s44	6s36	1n54	26n39	15n 3	12n32	13n 8	13n53		n.a.

Julian Day Number = 1716918.5, Delta T = 02h57m54s
Ecliptic obliquity = 23°41'40, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°13'56, Lahiri = - 4°06'55 Julian Calendar 1 Sept. 13 BCE == Greg. Calendar 30 Aug. 013 BCE

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ASTRODIENST EPHEMERIS for the year 13 BCE
geocentric

OCTOBER 13 BCE (-12) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 30 24	5♎49'50	20♎ 3	14°R 0	23♌17	17♎ 3	20♍30	1♑35	8°R14	21♎14	27♌ 9	27°R11	25♌30	22♌40	n.a.	T 1
F 2	0 34 21	6°50'00	2♏37	12♎51	24°27	17°46	20°43	1°37	8♒13	21°16	27°11	27♌ 4	25°27	22°47	n.a.	F 2
S 3	0 38 17	7°50'11	15°24	11°37	25°37	18°28	20°56	1°40	8°12	21°18	27°13	26°57	25°24	22°54	n.a.	S 3
S 4	0 42 14	8°50'24	28°23	10°19	26°46	19°11	21° 8	1°42	8°11	21°20	27°15	26°50	25°21	23° 0	n.a.	S 4
M 5	0 46 10	9°50'39	11♐36	9° 1	27°56	19°53	21°21	1°45	8°11	21°23	27°16	26°45	25°18	23° 7	n.a.	M 5
T 6	0 50 7	10°50'56	25° 2	7°44	29° 7	20°36	21°34	1°48	8°10	21°25	27°18	26°42	25°14	23°14	n.a.	T 6
W 7	0 54 3	11°51'14	8♑43	6°32	0♍17	21°19	21°46	1°51	8° 9	21°27	27°20	26°D40	25°11	23°20	n.a.	W 7
T 8	0 58 0	12°51'33	22°38	5°26	1°27	22° 2	21°59	1°54	8° 8	21°29	27°21	26°41	25° 8	23°27	n.a.	T 8
F 9	1 1 57	13°51'54	6♒49	4°28	2°38	22°45	22°12	1°57	8° 8	21°32	27°23	26°42	25° 5	23°34	n.a.	F 9
S 10	1 5 53	14°52'17	21°13	3°40	3°49	23°28	22°24	2° 0	8° 7	21°34	27°25	26°R43	25° 2	23°40	n.a.	S 10
S 11	1 9 50	15°52'41	5♓48	3° 3	5° 0	24°11	22°37	2° 3	8° 7	21°36	27°26	26°43	24°59	23°47	n.a.	S 11
M12	1 13 46	16°53'06	20°30	2°38	6°11	24°54	22°49	2° 6	8° 6	21°38	27°28	26°40	24°55	23°54	n.a.	M12
T 13	1 17 43	17°53'33	5♈13	2°24	7°22	25°37	23° 2	2°10	8° 6	21°41	27°30	26°36	24°52	24° 0	n.a.	T 13
W14	1 21 39	18°54'02	19°49	2°D22	8°33	26°20	23°14	2°13	8° 6	21°43	27°31	26°29	24°49	24° 7	n.a.	W14
T 15	1 25 36	19°54'32	4♉11	2°30	9°44	27° 3	23°27	2°17	8° 5	21°45	27°33	26°20	24°46	24°13	n.a.	T 15
F 16	1 29 32	20°55'04	18°13	2°50	10°56	27°46	23°39	2°20	8° 5	21°47	27°34	26°11	24°43	24°20	n.a.	F 16
S 17	1 33 29	21°55'38	1♊51	3°18	12° 8	28°30	23°51	2°24	8° 5	21°50	27°36	26° 2	24°39	24°27	n.a.	S 17
S 18	1 37 26	22°56'14	15° 3	3°56	13°19	29°13	24° 4	2°28	8° 5	21°52	27°37	25°54	24°36	24°33	n.a.	S 18
M19	1 41 22	23°56'52	27°50	4°41	14°31	29°56	24°16	2°32	8° 5	21°54	27°38	25°48	24°33	24°40	n.a.	M19
T 20	1 45 19	24°57'31	10♋16	5°33	15°43	0♏40	24°28	2°36	8°D 5	21°56	27°40	25°45	24°30	24°47	n.a.	T 20
W21	1 49 15	25°58'13	22°24	6°31	16°55	1°23	24°40	2°40	8° 5	21°59	27°41	25°D44	24°27	24°53	n.a.	W21
T 22	1 53 12	26°58'56	4♌20	7°34	18° 7	2° 7	24°52	2°44	8° 5	22° 1	27°43	25°44	24°24	25° 0	n.a.	T 22
F 23	1 57 8	27°59'40	16° 8	8°41	19°20	2°51	25° 4	2°48	8° 5	22° 3	27°44	25°45	24°20	25° 7	n.a.	F 23
S 24	2 1 5	29° 0'27	27°55	9°53	20°32	3°34	25°16	2°53	8° 5	22° 5	27°45	25°R45	24°17	25°13	n.a.	S 24
S 25	2 5 1	0♏ 1'15	9♍45	11° 8	21°45	4°18	25°28	2°57	8° 5	22° 8	27°46	25°44	24°14	25°20	n.a.	S 25
M26	2 8 58	1° 2'04	21°44	12°26	22°57	5° 2	25°40	3° 2	8° 6	22°10	27°48	25°40	24°11	25°27	n.a.	M26
T 27	2 12 55	2° 2'55	3♎54	13°47	24°10	5°46	25°51	3° 6	8° 6	22°12	27°49	25°34	24° 8	25°33	n.a.	T 27
W28	2 16 51	3° 3'48	16°18	15° 9	25°23	6°30	26° 3	3°11	8° 6	22°14	27°50	25°26	24° 5	25°40	n.a.	W28
T 29	2 20 48	4° 4'42	28°57	16°33	26°35	7°14	26°15	3°16	8° 7	22°16	27°51	25°14	24° 1	25°46	n.a.	T 29
F 30	2 24 44	5° 5'37	11♏52	17°59	27°48	7°58	26°26	3°20	8° 7	22°19	27°52	25° 2	23°58	25°53	n.a.	F 30
S 31	2 28 41	6♏ 6'33	25♏ 2	19♎26	29♍ 1	8♏42	26♍38	3♑25	8♒ 8	22♎21	27♌53	24♌49	23♌55	26♌ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s20	4s 6	4n 8	7s25	2s 0	14n31	0n40	6s35	0n12	4n55	1n12	23s44	0s 3	19s 6	0s44	6s37	1n54	26n38	15n 3	12n35	13n 9	13n52		n.a.
F 2	2 44	8 6	4 42	6 42	1 43	14 12	0 43	6 52	0 11	4 49	1 12	23 44	0 3	19 7	0 44	6 38	1 54	26 38	15 4	12 37	13 10	13 50		n.a.
S 3	3 8	11 47	5 3	5 56	1 24	13 51	0 47	7 9	0 10	4 44	1 12	23 44	0 3	19 7	0 44	6 39	1 54	26 38	15 4	12 40	13 11	13 49		n.a.
S 4	3 32	14 59	5 9	5 7	1 5	13 31	0 50	7 26	0 10	4 39	1 12	23 45	0 4	19 7	0 44	6 39	1 54	26 37	15 4	12 42	13 13	13 48		n.a.
M 5	3 56	17 28	4 59	4 17	0 44	13 9	0 54	7 43	0 9	4 34	1 12	23 45	0 4	19 7	0 44	6 40	1 54	26 37	15 5	12 44	13 14	13 46		n.a.
T 6	4 20	19 3	4 33	3 28	0 23	12 48	0 57	8 0	0 8	4 29	1 13	23 45	0 4	19 7	0 44	6 41	1 54	26 37	15 5	12 45	13 15	13 45		n.a.
W 7	4 44	19 34	3 50	2 40	0 3	12 26	1 0	8 17	0 8	4 24	1 13	23 45	0 4	19 7	0 44	6 42	1 54	26 36	15 5	12 45	13 16	13 44		n.a.
T 8	5 8	18 55	2 54	1 55	0n17	12 4	1 4	8 34	0 7	4 19	1 13	23 45	0 4	19 8	0 44	6 43	1 54	26 36	15 6	12 45	13 17	13 42		n.a.
F 9	5 32	17 4	1 46	1 14	0 36	11 41	1 7	8 50	0 7	4 14	1 13	23 45	0 4	19 8	0 44	6 44	1 54	26 36	15 6	12 45	13 18	13 41		n.a.
S 10	5 55	14 7	0 30	0 39	0 54	11 18	1 10	9 7	0 6	4 9	1 13	23 45	0 4	19 8	0 44	6 44	1 54	26 36	15 7	12 44	13 19	13 39		n.a.
S 11	6 19	10 14	0s49	0 9	1 10	10 54	1 12	9 23	0 5	4 5	1 13	23 45	0 4	19 8	0 43	6 45	1 54	26 35	15 7	12 45	13 20	13 38		n.a.
M12	6 42	5 42	2 5	0n14	1 25	10 30	1 15	9 40	0 5	4 0	1 13	23 45	0 4	19 8	0 43	6 46	1 53	26 35	15 7	12 45	13 21	13 37		n.a.
T 13	7 6	0 50	3 12	0 32	1 38	10 6	1 18	9 57	0 4	3 55	1 13	23 45	0 4	19 8	0 43	6 47	1 53	26 35	15 8	12 47	13 22	13 35		n.a.
W14	7 29	4n 2	4 6	0 42	1 48	9 42	1 21	10 13	0 3	3 50	1 13	23 45	0 4	19 8	0 43	6 48	1 53	26 35	15 8	12 49	13 23	13 34		n.a.
T 15	7 52	8 36	4 44	0 47	1 58	9 17	1 23	10 29	0 3	3 45	1 13	23 45	0 4	19 8	0 43	6 49	1 53	26 35	15 9	12 52	13 24	13 33		n.a.
F 16	8 15	12 35	5 3	0 46	2 5	8 52	1 26	10 46	0 2	3 40	1 13	23 45	0 4	19 8	0 43	6 50	1 53	26 34	15 9	12 55	13 25	13 31		n.a.
S 17	8 38	15 47	5 4	0 40	2 11	8 26	1 28	11 2	0 1	3 35	1 13	23 45	0 4	19 8	0 43	6 50	1 53	26 34	15 10	12 59	13 27	13 30		n.a.
S 18	9 1	18 3	4 49	0 29	2 15	8 0	1 30	11 18	0 1	3 30	1 14	23 45	0 5	19 8	0 43	6 51	1 53	26 34	15 10	13 1	13 28	13 28		n.a.
M19	9 23	19 21	4 20	0 14	2 18	7 34	1 32	11 34	0 0	3 26	1 14	23 45	0 5	19 8	0 43	6 52	1 53	26 34	15 10	13 3	13 29	13 27		n.a.
T 20	9 46	19 39	3 39	0s 5	2 20	7 8	1 34	11 50	0s 0	3 21	1 14	23 45	0 5	19 8	0 43	6 53	1 53	26 34	15 11	13 4	13 30	13 25		n.a.
W21	10 8	19 2	2 49	0 28	2 20	6 42	1 36	12 6	0 1	3 16	1 14	23 45	0 5	19 8	0 43	6 54	1 53	26 34	15 11	13 5	13 31	13 24		n.a.
T 22	10 30	17 34	1 52	0 54	2 20	6 15	1 38	12 22	0 2	3 11	1 14	23 45	0 5	19 8	0 43	6 55	1 54	26 34	15 12	13 5	13 32	13 23		n.a.
F 23	10 52	15 21	0 51	1 22	2 18	5 48	1 40	12 38	0 2	3 7	1 14	23 45	0 5	19 8	0 43	6 55	1 54	26 34	15 12	13 4	13 33	13 21		n.a.
S 24	11 14	12 30	0n12	1 52	2 16	5 20	1 41	12 53	0 3	3 2	1 14	23 45	0 5	19 8	0 43	6 56	1 54	26 34	15 13	13 4	13 34	13 20		n.a.
S 25	11 36	9 8	1 14	2 25	2 13	4 53	1 43	13 9	0 4	2 57	1 14	23 45	0 5	19 8	0 43	6 57	1 54	26 34	15 13	13 5	13 35	13 18		n.a.
M26	11 57	5 22	2 14	2 58	2 10	4 25	1 44	13 24	0 4	2 53	1 14	23 45	0 5	19 8	0 43	6 58	1 54	26 34	15 14	13 6	13 36	13 17		n.a.
T 27	12 19	1 19	3 9	3 34	2 6	3 58	1 46	13 40	0 5	2 48	1 14	23 45	0 5	19 8	0 43	6 59	1 54	26 34	15 14	13 8	13 37	13 16		n.a.
W28	12 40	2s52	3 55	4 10	2 1	3 30	1 47	13 55	0 6	2 43	1 15	23 45	0 5	19 7	0 43	7 0	1 54	26 34	15 15	13 11	13 38	13 14		n.a.
T 29	13 1	7 0	4 31	4 47	1 56	3 1	1 48	14 10	0 6	2 39	1 15	23 45	0 5	19 7	0 43	7 0	1 54	26 34	15 15	13 15	13 39	13 13		n.a.
F 30	13 21	10 54	4 54	5 25	1 51	2 33	1 49	14 25	0 7	2 34	1 15	23 45	0 5	19 7	0 43	7 1	1 54	26 34	15 16	13 19	13 40	13 11		n.a.
S 31	13s42	14s21	5n 2	6s 3	1n46	2n 5	1n50	14s40	0s 8	2n30	1n15	23s44	0s 6	19s 7	0s43	7s 2	1n54	26n34	15n16	13n23	13n41	13n10		n.a.

Julian Day Number = 1716948.5, Delta T = 02h57m54s
Ecliptic obliquity = 23°41'40, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°13'52, Lahiri = - 4°06'51 Julian Calendar 1 Oct. 13 BCE == Greg. Calendar 29 Sept. 013 BCE

The year -12 astronomical counting style corresponds to year 013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 13 BCE
geocentric

NOVEMBER 13 BCE (-12) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 32 37	7♏ 7'31	8♐24	20♎54	0♎14	9♏26	26♍49	3♉30	8♒ 8	22♎23	27♌55	24°R38	23♌52	26♌ 6	n.a.	S 1
M 2	2 36 34	8° 8'30	21°57	22°23	1°27	10°10	27° 1	3°35	8° 9	22°25	27°56	24♌28	23°49	26°13	n.a.	M 2
T 3	2 40 30	9° 9'29	5♉39	23°52	2°41	10°54	27°12	3°40	8°10	22°28	27°57	24°21	23°45	26°20	n.a.	T 3
W 4	2 44 27	10°10'30	19°28	25°22	3°54	11°38	27°23	3°45	8°11	22°30	27°57	24°17	23°42	26°26	n.a.	W 4
T 5	2 48 24	11°11'31	3♒24	26°53	5° 7	12°23	27°34	3°51	8°11	22°32	27°58	24°16	23°39	26°33	n.a.	T 5
F 6	2 52 20	12°12'33	17°26	28°24	6°20	13° 7	27°45	3°56	8°12	22°34	27°59	24°16	23°36	26°40	n.a.	F 6
S 7	2 56 17	13°13'35	1♓33	29°56	7°34	13°51	27°56	4° 1	8°13	22°36	28° 0	24°16	23°33	26°46	n.a.	S 7
S 8	3 0 13	14°14'38	15°46	1♏27	8°47	14°36	28° 7	4° 7	8°14	22°38	28° 1	24°14	23°30	26°53	n.a.	S 8
M 9	3 4 10	15°15'42	0♈ 2	2°59	10° 1	15°20	28°18	4°12	8°15	22°40	28° 2	24°10	23°26	27° 0	n.a.	M 9
T 10	3 8 6	16°16'46	14°17	4°31	11°15	16° 5	28°29	4°17	8°16	22°43	28° 3	24° 4	23°23	27° 6	n.a.	T 10
W11	3 12 3	17°17'51	28°28	6° 4	12°28	16°50	28°39	4°23	8°17	22°45	28° 3	23°54	23°20	27°13	n.a.	W11
T 12	3 15 59	18°18'57	12♉29	7°36	13°42	17°34	28°50	4°29	8°18	22°47	28° 4	23°42	23°17	27°20	n.a.	T 12
F 13	3 19 56	19°20'04	26°15	9° 9	14°56	18°19	29° 0	4°34	8°19	22°49	28° 5	23°29	23°14	27°26	n.a.	F 13
S 14	3 23 53	20°21'11	9♊43	10°42	16°10	19° 4	29°11	4°40	8°21	22°51	28° 5	23°16	23°10	27°33	n.a.	S 14
S 15	3 27 49	21°22'19	22°50	12°15	17°23	19°48	29°21	4°46	8°22	22°53	28° 6	23° 4	23° 7	27°39	n.a.	S 15
M16	3 31 46	22°23'28	5♋36	13°48	18°37	20°33	29°31	4°52	8°23	22°55	28° 7	22°55	23° 4	27°46	n.a.	M16
T 17	3 35 42	23°24'38	18° 2	15°21	19°51	21°18	29°41	4°58	8°25	22°57	28° 7	22°49	23° 1	27°53	n.a.	T 17
W18	3 39 39	24°25'49	0♌11	16°54	21° 5	22° 3	29°51	5° 4	8°26	22°59	28° 8	22°45	22°58	27°59	n.a.	W18
T 19	3 43 35	25°27'00	12° 7	18°27	22°19	22°48	0♎ 1	5°10	8°28	23° 1	28° 8	22°44	22°55	28° 6	n.a.	T 19
F 20	3 47 32	26°28'12	23°57	20° 1	23°34	23°33	0°11	5°16	8°29	23° 3	28° 9	22°44	22°51	28°13	n.a.	F 20
S 21	3 51 28	27°29'25	5♍44	21°35	24°48	24°18	0°21	5°22	8°31	23° 5	28° 9	22°43	22°48	28°19	n.a.	S 21
S 22	3 55 25	28°30'39	17°35	23° 9	26° 2	25° 3	0°31	5°28	8°32	23° 7	28° 9	22°42	22°45	28°26	n.a.	S 22
M23	3 59 22	29°31'53	29°36	24°43	27°16	25°48	0°40	5°34	8°34	23° 9	28°10	22°39	22°42	28°33	n.a.	M23
T 24	4 3 18	0♐33'07	11♎50	26°17	28°30	26°34	0°49	5°41	8°36	23°11	28°10	22°33	22°39	28°39	n.a.	T 24
W25	4 7 15	1°34'23	24°22	27°51	29°45	27°19	0°59	5°47	8°38	23°12	28°10	22°24	22°36	28°46	n.a.	W25
T 26	4 11 11	2°35'38	7♏14	29°26	0♏59	28° 4	1° 8	5°53	8°39	23°14	28°11	22°13	22°32	28°53	n.a.	T 26
F 27	4 15 8	3°36'54	20°27	1♐ 1	2°13	28°50	1°17	6° 0	8°41	23°16	28°11	22° 0	22°29	28°59	n.a.	F 27
S 28	4 19 4	4°38'11	3♐58	2°36	3°28	29°35	1°26	6° 6	8°43	23°18	28°11	21°47	22°26	29° 6	n.a.	S 28
S 29	4 23 1	5°39'27	17°46	4°12	4°42	0♐20	1°35	6°13	8°45	23°20	28°11	21°35	22°23	29°12	n.a.	S 29
M30	4 26 57	6♐40'44	1♉46	5♐47	5♏56	1♐ 6	1♎43	6♉19	8♒47	23♎22	28♌11	21♌25	22♌20	29♌19	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s 2	17s 7	4n53	6s42	1n40	1n36	1n51	14s55	0s 8	2n25	1n15	23s44	0s 6	19s 7	0s43	7s 3	1n54	26n34	15n17	13n27	13n43	13n 8		n.a.
M 2	14 22	18 59	4 28	7 21	1 34	1 7	1 52	15 10	0 9	2 21	1 15	23 44	0 6	19 7	0 43	7 4	1 54	26 34	15 17	13 30	13 44	13 7		n.a.
T 3	14 42	19 47	3 48	8 0	1 27	0 39	1 53	15 24	0 9	2 17	1 15	23 44	0 6	19 6	0 43	7 4	1 54	26 34	15 18	13 33	13 45	13 5		n.a.
W 4	15 2	19 24	2 53	8 40	1 21	0 10	1 53	15 39	0 10	2 12	1 15	23 44	0 6	19 6	0 43	7 5	1 54	26 34	15 18	13 34	13 46	13 4		n.a.
T 5	15 21	17 51	1 48	9 19	1 14	0s19	1 54	15 53	0 11	2 8	1 16	23 44	0 6	19 6	0 43	7 6	1 54	26 34	15 19	13 34	13 47	13 3		n.a.
F 6	15 40	15 12	0 36	9 58	1 8	0 48	1 54	16 7	0 11	2 3	1 16	23 44	0 6	19 6	0 43	7 7	1 54	26 35	15 19	13 35	13 48	13 1		n.a.
S 7	15 59	11 38	0s39	10 37	1 1	1 17	1 55	16 21	0 12	1 59	1 16	23 44	0 6	19 5	0 43	7 8	1 54	26 35	15 20	13 35	13 49	13 0		n.a.
S 8	16 17	7 23	1 51	11 16	0 54	1 46	1 55	16 35	0 13	1 55	1 16	23 44	0 6	19 5	0 43	7 8	1 54	26 35	15 20	13 35	13 50	12 58		n.a.
M 9	16 35	2 42	2 57	11 54	0 47	2 15	1 55	16 49	0 13	1 51	1 16	23 44	0 6	19 5	0 43	7 9	1 54	26 35	15 21	13 36	13 51	12 57		n.a.
T 10	16 53	2n 8	3 52	12 32	0 40	2 44	1 55	17 3	0 14	1 47	1 16	23 44	0 6	19 4	0 42	7 10	1 54	26 35	15 21	13 39	13 52	12 55		n.a.
W11	17 11	6 49	4 32	13 10	0 33	3 13	1 55	17 16	0 15	1 42	1 16	23 44	0 6	19 4	0 42	7 11	1 54	26 36	15 22	13 42	13 53	12 54		n.a.
T 12	17 28	11 4	4 55	13 47	0 26	3 42	1 55	17 30	0 15	1 38	1 17	23 43	0 6	19 4	0 42	7 11	1 54	26 36	15 22	13 46	13 54	12 52		n.a.
F 13	17 45	14 40	5 0	14 24	0 19	4 11	1 55	17 43	0 16	1 34	1 17	23 43	0 6	19 3	0 42	7 12	1 54	26 36	15 23	13 50	13 55	12 51		n.a.
S 14	18 1	17 24	4 48	15 0	0 12	4 40	1 54	17 56	0 16	1 30	1 17	23 43	0 6	19 3	0 42	7 13	1 54	26 36	15 24	13 54	13 56	12 49		n.a.
S 15	18 18	19 9	4 21	15 35	0 5	5 9	1 54	18 9	0 17	1 26	1 17	23 43	0 7	19 3	0 42	7 14	1 54	26 37	15 24	13 58	13 57	12 48		n.a.
M16	18 34	19 53	3 42	16 10	0s 1	5 38	1 53	18 22	0 18	1 22	1 17	23 43	0 7	19 2	0 42	7 14	1 54	26 37	15 25	14 1	13 58	12 46		n.a.
T 17	18 49	19 37	2 53	16 44	0 8	6 6	1 53	18 34	0 18	1 18	1 17	23 43	0 7	19 2	0 42	7 15	1 54	26 37	15 25	14 3	13 59	12 45		n.a.
W18	19 5	18 26	1 56	17 18	0 15	6 35	1 52	18 47	0 19	1 15	1 18	23 43	0 7	19 2	0 42	7 16	1 54	26 38	15 26	14 5	14 0	12 43		n.a.
T 19	19 20	16 27	0 56	17 51	0 21	7 3	1 51	18 59	0 20	1 11	1 18	23 42	0 7	19 1	0 42	7 17	1 54	26 38	15 26	14 5	14 2	12 42		n.a.
F 20	19 34	13 47	0n 6	18 23	0 28	7 32	1 51	19 11	0 20	1 7	1 18	23 42	0 7	19 1	0 42	7 17	1 54	26 38	15 27	14 5	14 3	12 40		n.a.
S 21	19 49	10 34	1 8	18 54	0 34	8 0	1 50	19 23	0 21	1 3	1 18	23 42	0 7	19 0	0 42	7 18	1 54	26 39	15 27	14 5	14 4	12 39		n.a.
S 22	20 2	6 55	2 8	19 24	0 40	8 28	1 49	19 35	0 22	0 59	1 18	23 42	0 7	19 0	0 42	7 19	1 54	26 39	15 28	14 6	14 5	12 37		n.a.
M23	20 16	2 57	3 2	19 54	0 46	8 56	1 48	19 46	0 22	0 56	1 19	23 42	0 7	18 59	0 42	7 19	1 54	26 39	15 28	14 7	14 6	12 36		n.a.
T 24	20 29	1s13	3 49	20 23	0 52	9 24	1 47	19 58	0 23	0 52	1 19	23 41	0 7	18 59	0 42	7 20	1 54	26 40	15 29	14 9	14 7	12 34		n.a.
W25	20 42	5 25	4 26	20 50	0 58	9 51	1 46	20 9	0 23	0 49	1 19	23 41	0 7	18 58	0 42	7 21	1 54	26 40	15 30	14 12	14 8	12 33		n.a.
T 26	20 54	9 30	4 51	21 17	1 4	10 19	1 44	20 20	0 24	0 45	1 19	23 41	0 7	18 58	0 42	7 21	1 54	26 41	15 30	14 15	14 9	12 31		n.a.
F 27	21 6	13 13	5 1	21 43	1 9	10 46	1 43	20 31	0 25	0 42	1 19	23 41	0 7	18 57	0 42	7 22	1 54	26 41	15 31	14 19	14 10	12 30		n.a.
S 28	21 18	16 21	4 54	22 7	1 15	11 13	1 42	20 41	0 25	0 38	1 19	23 41	0 7	18 57	0 42	7 23	1 54	26 41	15 31	14 24	14 11	12 28		n.a.
S 29	21 29	18 38	4 31	22 31	1 20	11 39	1 40	20 52	0 26	0 35	1 20	23 40	0 8	18 56	0 42	7 23	1 54	26 42	15 32	14 28	14 12	12 27		n.a.
M30	21s39	19s51	3n50	22s53	1s25	12s 6	1n39	21s 2	0s26	0n32	1n20	23s40	0s 8	18s56	0s42	7s24	1n54	26n42	15n32	14n31	14n13	12n25		n.a.

Julian Day Number = 1716979.5, Delta T = 02h57m53s
Ecliptic obliquity = 23°41'40, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°13'47, Lahiri = - 4°06'47 Julian Calendar 1 Nov. 13 BCE == Greg. Calendar 30 Oct. 013 BCE

The year -12 astronomical counting style corresponds to year 013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 13 BCE
geocentric

DECEMBER 13 BCE (-12) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 30 54	7♐42'01	15♉54	7♐23	7♏11	1♐51	1♎52	6♉26	8♒49	23♎23	28♌11	21°R17	22♌16	29♌26	n.a.	T 1
W 2	4 34 51	8°43'17	0♒ 5	9° 0	8°25	2°37	2° 0	6°32	8°51	23°25	28°11	21♌13	22°13	29°32	n.a.	W 2
T 3	4 38 47	9°44'33	14°16	10°36	9°40	3°23	2° 9	6°39	8°53	23°27	28°R11	21°12	22°10	29°39	n.a.	T 3
F 4	4 42 44	10°45'49	28°25	12°13	10°54	4° 8	2°17	6°46	8°55	23°28	28°11	21°D12	22° 7	29°46	n.a.	F 4
S 5	4 46 40	11°47'04	12♓30	13°51	12° 9	4°54	2°25	6°52	8°58	23°30	28°11	21°R12	22° 4	29°52	n.a.	S 5
S 6	4 50 37	12°48'19	26°32	15°28	13°23	5°40	2°33	6°59	9° 0	23°32	28°11	21°11	22° 1	29°59	n.a.	S 6
M 7	4 54 33	13°49'33	10♈28	17° 6	14°38	6°25	2°41	7° 6	9° 2	23°33	28°11	21° 8	21°57	0♍ 6	n.a.	M 7
T 8	4 58 30	14°50'47	24°19	18°45	15°53	7°11	2°49	7°13	9° 4	23°35	28°11	21° 3	21°54	0°12	n.a.	T 8
W 9	5 2 26	15°52'00	8♉ 2	20°23	17° 7	7°57	2°56	7°20	9° 7	23°36	28°11	20°54	21°51	0°19	n.a.	W 9
T 10	5 6 23	16°53'13	21°36	22° 2	18°22	8°43	3° 4	7°27	9° 9	23°38	28°10	20°44	21°48	0°26	n.a.	T 10
F 11	5 10 20	17°54'26	4♊57	23°42	19°36	9°29	3°11	7°33	9°12	23°40	28°10	20°33	21°45	0°32	n.a.	F 11
S 12	5 14 16	18°55'38	18° 5	25°22	20°51	10°15	3°18	7°40	9°14	23°41	28°10	20°21	21°42	0°39	n.a.	S 12
S 13	5 18 13	19°56'50	0♋57	27° 2	22° 6	11° 1	3°25	7°47	9°16	23°42	28° 9	20°11	21°38	0°46	n.a.	S 13
M14	5 22 9	20°58'01	13°33	28°42	23°20	11°47	3°32	7°54	9°19	23°44	28° 9	20° 3	21°35	0°52	n.a.	M14
T 15	5 26 6	21°59'12	25°53	0♌23	24°35	12°33	3°39	8° 1	9°22	23°45	28° 9	19°57	21°32	0°59	n.a.	T 15
W16	5 30 2	23° 0'23	7♌59	2° 4	25°50	13°19	3°45	8° 8	9°24	23°47	28° 8	19°54	21°29	1° 6	n.a.	W16
T 17	5 33 59	24° 1'33	19°54	3°45	27° 4	14° 5	3°52	8°15	9°27	23°48	28° 8	19°D53	21°26	1°12	n.a.	T 17
F 18	5 37 56	25° 2'42	1♍43	5°26	28°19	14°51	3°58	8°22	9°29	23°49	28° 7	19°54	21°22	1°19	n.a.	F 18
S 19	5 41 52	26° 3'52	13°31	7° 7	29°34	15°37	4° 4	8°29	9°32	23°51	28° 7	19°55	21°19	1°25	n.a.	S 19
S 20	5 45 49	27° 5'00	25°22	8°48	0♐48	16°23	4°10	8°36	9°35	23°52	28° 6	19°R56	21°16	1°32	n.a.	S 20
M21	5 49 45	28° 6'09	7♎22	10°28	2° 3	17°10	4°16	8°44	9°38	23°53	28° 6	19°55	21°13	1°39	n.a.	M21
T 22	5 53 42	29° 7'17	19°36	12° 9	3°18	17°56	4°21	8°51	9°40	23°54	28° 5	19°53	21°10	1°45	n.a.	T 22
W23	5 57 38	0♑ 8'24	2♏ 9	13°48	4°32	18°42	4°27	8°58	9°43	23°56	28° 4	19°48	21° 7	1°52	n.a.	W23
T 24	6 1 35	1° 9'31	15° 4	15°27	5°47	19°28	4°32	9° 5	9°46	23°57	28° 4	19°42	21° 3	1°59	n.a.	T 24
F 25	6 5 31	2°10'37	28°24	17° 4	7° 2	20°15	4°38	9°12	9°49	23°58	28° 3	19°34	21° 0	2° 5	n.a.	F 25
S 26	6 9 28	3°11'43	12♐ 8	18°41	8°17	21° 1	4°43	9°19	9°52	23°59	28° 2	19°26	20°57	2°12	n.a.	S 26
S 27	6 13 25	4°12'47	26°14	20°15	9°31	21°48	4°47	9°26	9°55	24° 0	28° 1	19°18	20°54	2°19	n.a.	S 27
M28	6 17 21	5°13'51	10♑38	21°47	10°46	22°34	4°52	9°34	9°58	24° 1	28° 1	19°12	20°51	2°25	n.a.	M28
T 29	6 21 18	6°14'54	25°12	23°16	12° 1	23°21	4°57	9°41	10° 1	24° 2	28° 0	19° 7	20°48	2°32	n.a.	T 29
W30	6 25 14	7°15'56	9♒51	24°42	13°16	24° 7	5° 1	9°48	10° 4	24° 3	27°59	19° 5	20°44	2°39	n.a.	W30
T 31	6 29 11	8♑16'56	24♒28	26♑ 4	14♐30	24♐54	5♎ 5	9♑55	10♒ 7	24♎ 4	27♌58	19°D 5	20♌41	2♍45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21 s50	19 s50	2n56	23 s15	1 s30	12 s32	1n37	21 s12	0 s27	0n28	1n20	23 s40	0 s 8	18 s55	0 s42	7 s24	1n55	26n43	15n33	14n33	14n14	12n24			n.a.
W 2	21 59	18 34	1 50	23 35	1 34	12 57	1 36	21 22	0 28	0 25	1 20	23 40	0 8	18 55	0 42	7 25	1 55	26 43	15 33	14 35	14 15	12 22			n.a.
T 3	22 9	16 8	0 37	23 54	1 38	13 23	1 34	21 31	0 28	0 22	1 20	23 39	0 8	18 54	0 42	7 26	1 55	26 44	15 34	14 35	14 16	12 21			n.a.
F 4	22 18	12 45	0 s38	24 11	1 42	13 48	1 32	21 40	0 29	0 19	1 21	23 39	0 8	18 53	0 42	7 26	1 55	26 44	15 34	14 35	14 17	12 19			n.a.
S 5	22 26	8 39	1 51	24 27	1 46	14 13	1 30	21 49	0 30	0 16	1 21	23 39	0 8	18 53	0 42	7 27	1 55	26 45	15 35	14 35	14 18	12 17			n.a.
S 6	22 35	4 5	2 56	24 42	1 49	14 37	1 28	21 58	0 30	0 13	1 21	23 38	0 8	18 52	0 42	7 27	1 55	26 45	15 36	14 35	14 19	12 16			n.a.
M 7	22 42	0n39	3 51	24 56	1 53	15 1	1 26	22 7	0 31	0 10	1 21	23 38	0 8	18 51	0 42	7 28	1 55	26 46	15 36	14 36	14 20	12 14			n.a.
T 8	22 49	5 19	4 31	25 8	1 55	15 25	1 24	22 15	0 31	0 7	1 21	23 38	0 8	18 51	0 42	7 28	1 55	26 46	15 37	14 38	14 21	12 13			n.a.
W 9	22 56	9 40	4 56	25 18	1 58	15 48	1 22	22 24	0 32	0 4	1 22	23 38	0 8	18 50	0 42	7 29	1 55	26 47	15 37	14 41	14 22	12 11			n.a.
T 10	23 2	13 28	5 3	25 27	2 0	16 11	1 20	22 32	0 33	0 1	1 22	23 37	0 8	18 50	0 42	7 30	1 55	26 48	15 38	14 44	14 23	12 10			n.a.
F 11	23 8	16 32	4 54	25 34	2 2	16 34	1 18	22 39	0 33	0 s 1	1 22	23 37	0 8	18 49	0 42	7 30	1 55	26 48	15 38	14 48	14 24	12 8			n.a.
S 12	23 14	18 41	4 29	25 40	2 3	16 56	1 16	22 47	0 34	0 4	1 22	23 37	0 8	18 48	0 42	7 31	1 55	26 49	15 39	14 51	14 25	12 7			n.a.
S 13	23 19	19 51	3 51	25 44	2 4	17 18	1 14	22 54	0 34	0 7	1 23	23 36	0 9	18 47	0 42	7 31	1 55	26 49	15 39	14 55	14 27	12 5			n.a.
M14	23 23	19 59	3 2	25 46	2 5	17 39	1 12	23 1	0 35	0 9	1 23	23 36	0 9	18 47	0 42	7 32	1 55	26 50	15 40	14 57	14 28	12 3			n.a.
T 15	23 27	19 9	2 5	25 47	2 5	18 0	1 9	23 8	0 36	0 12	1 23	23 36	0 9	18 46	0 41	7 32	1 55	26 51	15 40	14 59	14 29	12 2			n.a.
W16	23 30	17 27	1 4	25 45	2 5	18 20	1 7	23 14	0 36	0 14	1 23	23 35	0 9	18 45	0 41	7 32	1 55	26 51	15 41	15 0	14 30	12 0			n.a.
T 17	23 33	15 0	0n 0	25 42	2 4	18 40	1 5	23 21	0 37	0 17	1 24	23 35	0 9	18 45	0 41	7 33	1 55	26 52	15 41	15 0	14 31	11 59			n.a.
F 18	23 36	11 57	1 3	25 37	2 3	18 59	1 2	23 27	0 37	0 19	1 24	23 34	0 9	18 44	0 41	7 33	1 55	26 53	15 42	15 0	14 32	11 57			n.a.
S 19	23 38	8 27	2 4	25 30	2 1	19 18	1 0	23 32	0 38	0 21	1 24	23 34	0 9	18 43	0 41	7 34	1 55	26 53	15 42	15 0	14 33	11 56			n.a.
S 20	23 40	4 36	2 59	25 22	1 58	19 36	0 57	23 38	0 39	0 23	1 24	23 34	0 9	18 42	0 41	7 34	1 55	26 54	15 43	14 59	14 34	11 54			n.a.
M21	23 41	0 32	3 48	25 11	1 55	19 54	0 55	23 43	0 39	0 25	1 24	23 33	0 9	18 42	0 41	7 35	1 56	26 55	15 43	15 0	14 35	11 52			n.a.
T 22	23 41	3 s38	4 26	24 59	1 51	20 11	0 52	23 48	0 40	0 27	1 25	23 33	0 9	18 41	0 41	7 35	1 56	26 55	15 44	15 0	14 36	11 51			n.a.
W23	23 42	7 45	4 54	24 44	1 46	20 27	0 50	23 53	0 40	0 29	1 25	23 32	0 9	18 40	0 41	7 35	1 56	26 56	15 44	15 2	14 37	11 49			n.a.
T 24	23 41	11 38	5 7	24 28	1 41	20 43	0 47	23 57	0 41	0 31	1 25	23 32	0 9	18 39	0 41	7 36	1 56	26 57	15 45	15 4	14 38	11 48			n.a.
F 25	23 41	15 4	5 4	24 10	1 35	20 59	0 45	24 1	0 41	0 33	1 25	23 32	0 9	18 38	0 41	7 36	1 56	26 57	15 45	15 6	14 39	11 46			n.a.
S 26	23 39	17 47	4 45	23 50	1 28	21 14	0 42	24 5	0 42	0 35	1 26	23 31	0 9	18 38	0 41	7 36	1 56	26 58	15 46	15 9	14 40	11 44			n.a.
S 27	23 38	19 32	4 7	23 29	1 21	21 28	0 40	24 9	0 43	0 37	1 26	23 31	0 10	18 37	0 41	7 37	1 56	26 59	15 46	15 11	14 41	11 43			n.a.
M28	23 35	20 3	3 13	23 6	1 12	21 41	0 37	24 12	0 43	0 38	1 26	23 30	0 10	18 36	0 41	7 37	1 56	27 0	15 47	15 14	14 42	11 41			n.a.
T 29	23 33	19 15	2 6	22 42	1 3	21 54	0 34	24 15	0 44	0 40	1 26	23 30	0 10	18 35	0 41	7 37	1 56	27 0	15 47	15 15	14 43	11 40			n.a.
W30	23 30	17 10	0 50	22 16	0 52	22 6	0 32	24 18	0 44	0 41	1 27	23 29	0 10	18 34	0 41	7 38	1 56	27 1	15 48	15 16	14 44	11 38			n.a.
T 31	23 s26	13 s58	0 s29	21 s50	0 s41	22 s18	0n29	24 s20	0 s45	0 s43	1n27	23 s29	0 s10	18 s34	0 s41	7 s38	1n56	27n 2	15n48	15n16	14n45	11n36			n.a.

Julian Day Number = 1717009.5, Delta T = 02h57m52s
Ecliptic obliquity = 23°41'39, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°13'43, Lahiri = - 4°06'43 Julian Calendar 1 Dec. 13 BCE == Greg. Calendar 29 Nov. 013 BCE

The year -12 astronomical counting style corresponds to year 013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 12 BCE
geocentric

JANUARY 12 BCE (-11) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 33 7	9♉17'55	8♓57	27♉22	15♐45	25♐40	5♎ 9	10♉ 2	10♒10	24♎ 5	27°R57	19♌ 6	20♌38	2♍52	n.a.	F 1
S 2	6 37 4	10°18'52	23°16	28°34	17° 0	26°27	5°13	10° 9	10°13	24° 6	27♌56	19° 7	20°35	2°59	n.a.	S 2
S 3	6 41 0	11°19'48	7♈21	29°40	18°15	27°13	5°17	10°17	10°16	24° 6	27°55	19°R 8	20°32	3° 5	n.a.	S 3
M 4	6 44 57	12°20'43	21°13	0♒40	19°29	28° 0	5°20	10°24	10°19	24° 7	27°54	19° 8	20°28	3°12	n.a.	M 4
T 5	6 48 54	13°21'35	4♉50	1°32	20°44	28°47	5°23	10°31	10°22	24° 8	27°53	19° 6	20°25	3°18	n.a.	T 5
W 6	6 52 50	14°22'27	18°14	2°15	21°59	29°33	5°26	10°38	10°26	24° 9	27°52	19° 2	20°22	3°25	n.a.	W 6
T 7	6 56 47	15°23'17	1♊25	2°49	23°14	0♉20	5°29	10°45	10°29	24° 9	27°51	18°57	20°19	3°32	n.a.	T 7
F 8	7 0 43	16°24'05	14°22	3°14	24°28	1° 7	5°32	10°52	10°32	24°10	27°50	18°52	20°16	3°38	n.a.	F 8
S 9	7 4 40	17°24'52	27° 7	3°28	25°43	1°53	5°35	11° 0	10°35	24°11	27°49	18°46	20°13	3°45	n.a.	S 9
S 10	7 8 36	18°25'37	9♋39	3°R31	26°58	2°40	5°37	11° 7	10°38	24°11	27°48	18°41	20° 9	3°52	n.a.	S 10
M11	7 12 33	19°26'21	21°59	3°24	28°12	3°27	5°39	11°14	10°42	24°12	27°47	18°37	20° 6	3°58	n.a.	M11
T 12	7 16 29	20°27'03	4♌ 8	3° 5	29°27	4°14	5°41	11°21	10°45	24°12	27°45	18°35	20° 3	4° 5	n.a.	T 12
W13	7 20 26	21°27'44	16° 8	2°37	0♉42	5° 1	5°43	11°28	10°48	24°13	27°44	18°D34	20° 0	4°12	n.a.	W13
T 14	7 24 23	22°28'24	28° 0	1°58	1°56	5°47	5°45	11°35	10°52	24°13	27°43	18°34	19°57	4°18	n.a.	T 14
F 15	7 28 19	23°29'02	9♍49	1°11	3°11	6°34	5°46	11°42	10°55	24°14	27°42	18°35	19°54	4°25	n.a.	F 15
S 16	7 32 16	24°29'38	21°36	0°16	4°26	7°21	5°48	11°49	10°58	24°14	27°40	18°37	19°50	4°32	n.a.	S 16
S 17	7 36 12	25°30'14	3♎27	29♉15	5°41	8° 8	5°49	11°57	11° 2	24°14	27°39	18°39	19°47	4°38	n.a.	S 17
M18	7 40 9	26°30'48	15°26	28°10	6°55	8°55	5°50	12° 4	11° 5	24°15	27°38	18°40	19°44	4°45	n.a.	M18
T 19	7 44 5	27°31'20	27°38	27° 3	8°10	9°42	5°50	12°11	11° 8	24°15	27°36	18°R41	19°41	4°52	n.a.	T 19
W20	7 48 2	28°31'51	10♏ 8	25°54	9°25	10°29	5°51	12°18	11°12	24°15	27°35	18°40	19°38	4°58	n.a.	W20
T 21	7 51 58	29°32'21	22°59	24°47	10°39	11°16	5°51	12°25	11°15	24°16	27°34	18°39	19°34	5° 5	n.a.	T 21
F 22	7 55 55	0♒32'49	6♐16	23°42	11°54	12° 2	5°R52	12°32	11°18	24°16	27°32	18°37	19°31	5°12	n.a.	F 22
S 23	7 59 52	1°33'16	19°59	22°42	13° 9	12°49	5°52	12°39	11°22	24°16	27°31	18°34	19°28	5°18	n.a.	S 23
S 24	8 3 48	2°33'42	4♑ 9	21°46	14°23	13°36	5°51	12°45	11°25	24°16	27°30	18°32	19°25	5°25	n.a.	S 24
M25	8 7 45	3°34'05	18°42	20°57	15°38	14°23	5°51	12°52	11°29	24°16	27°28	18°30	19°22	5°31	n.a.	M25
T 26	8 11 41	4°34'28	3♒32	20°14	16°53	15°10	5°50	12°59	11°32	24°16	27°27	18°29	19°19	5°38	n.a.	T 26
W27	8 15 38	5°34'48	18°33	19°38	18° 7	15°57	5°49	13° 6	11°36	24°R16	27°25	18°D29	19°15	5°45	n.a.	W27
T 28	8 19 34	6°35'06	3♓34	19°10	19°22	16°44	5°49	13°13	11°39	24°16	27°24	18°29	19°12	5°51	n.a.	T 28
F 29	8 23 31	7°35'22	18°29	18°48	20°36	17°31	5°47	13°20	11°42	24°16	27°22	18°30	19° 9	5°58	n.a.	F 29
S 30	8 27 27	8°35'36	3♈ 9	18°34	21°51	18°18	5°46	13°26	11°46	24°16	27°21	18°31	19° 6	6° 5	n.a.	S 30
S 31	8 31 24	9♒35'48	17♈30	18♉27	23♉ 6	19♉ 5	5♎44	13♉33	11♒49	24♎16	27♌19	18♌31	19♌ 3	6♍11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat	
F 1	23s22	9s56	1s46	21s23	0s29	22s29	0n26	24s23	0s45	0s44	1n27	23s28	0s10	18s33	0s41	7s38	1n56	27n 3	15n49	15n15		14n46		11n35			n.a.	F 1
S 2	23 17	5 23	2 55	20 55	0 16	22 39	0 24	24 25	0 46	0 45	1 27	23 28	0 10	18 32	0 41	7 39	1 56	27 3	15 49	15 15		14 47		11 33			n.a.	S 2
S 3	23 12	0 37	3 53	20 28	0 2	22 49	0 21	24 26	0 46	0 47	1 28	23 28	0 10	18 31	0 41	7 39	1 56	27 4	15 50	15 15		14 48		11 31			n.a.	S 3
M 4	23 7	4n 6	4 36	20 0	0n13	22 58	0 18	24 28	0 47	0 48	1 28	23 27	0 10	18 30	0 41	7 39	1 56	27 5	15 50	15 15		14 49		11 30			n.a.	M 4
T 5	23 1	8 32	5 2	19 34	0 29	23 6	0 16	24 29	0 47	0 49	1 28	23 27	0 10	18 29	0 41	7 39	1 56	27 6	15 50	15 15		14 50		11 28			n.a.	T 5
W 6	22 55	12 27	5 12	19 8	0 45	23 14	0 13	24 30	0 48	0 50	1 29	23 26	0 10	18 28	0 41	7 39	1 57	27 6	15 51	15 16		14 51		11 27			n.a.	W 6
T 7	22 48	15 41	5 5	18 44	1 2	23 21	0 10	24 30	0 48	0 51	1 29	23 26	0 10	18 27	0 41	7 40	1 57	27 7	15 51	15 18		14 52		11 25			n.a.	T 7
F 8	22 41	18 6	4 42	18 21	1 19	23 27	0 8	24 30	0 49	0 52	1 29	23 25	0 10	18 27	0 41	7 40	1 57	27 8	15 52	15 20		14 53		11 23			n.a.	F 8
S 9	22 33	19 35	4 5	18 1	1 37	23 32	0 5	24 30	0 50	0 52	1 29	23 24	0 11	18 26	0 41	7 40	1 57	27 9	15 52	15 22		14 54		11 22			n.a.	S 9
S 10	22 25	20 4	3 17	17 43	1 54	23 37	0 3	24 30	0 50	0 53	1 30	23 24	0 11	18 25	0 41	7 40	1 57	27 9	15 52	15 23		14 55		11 20			n.a.	S 10
M11	22 16	19 34	2 21	17 28	2 12	23 41	0s 0	24 29	0 51	0 54	1 30	23 23	0 11	18 24	0 41	7 40	1 57	27 10	15 53	15 24		14 56		11 18			n.a.	M11
T 12	22 7	18 9	1 19	17 16	2 28	23 44	0 3	24 29	0 51	0 54	1 30	23 23	0 11	18 23	0 41	7 40	1 57	27 11	15 53	15 25		14 57		11 17			n.a.	T 12
W13	21 58	15 57	0 13	17 7	2 44	23 47	0 5	24 27	0 52	0 55	1 30	23 22	0 11	18 22	0 41	7 41	1 57	27 12	15 54	15 25		14 58		11 15			n.a.	W13
T 14	21 48	13 6	0n52	17 2	2 59	23 49	0 8	24 26	0 52	0 55	1 31	23 22	0 11	18 21	0 41	7 41	1 57	27 13	15 54	15 25		14 59		11 13			n.a.	T 14
F 15	21 38	9 44	1 54	16 59	3 12	23 50	0 10	24 24	0 53	0 56	1 31	23 21	0 11	18 20	0 41	7 41	1 57	27 13	15 54	15 25		15 0		11 12			n.a.	F 15
S 16	21 27	6 0	2 52	17 0	3 24	23 50	0 13	24 22	0 53	0 56	1 31	23 21	0 11	18 19	0 41	7 41	1 57	27 14	15 55	15 24		15 1		11 10			n.a.	S 16
S 17	21 16	2 1	3 43	17 3	3 33	23 50	0 16	24 20	0 54	0 56	1 31	23 20	0 11	18 18	0 41	7 41	1 57	27 15	15 55	15 24		15 2		11 8			n.a.	S 17
M18	21 5	2s 5	4 25	17 9	3 40	23 49	0 18	24 17	0 54	0 56	1 32	23 20	0 11	18 17	0 41	7 41	1 57	27 16	15 55	15 23		15 3		11 7			n.a.	M18
T 19	20 53	6 9	4 55	17 17	3 45	23 47	0 20	24 14	0 54	0 56	1 32	23 19	0 11	18 16	0 41	7 41	1 57	27 17	15 56	15 23		15 4		11 5			n.a.	T 19
W20	20 40	10 4	5 13	17 27	3 48	23 44	0 23	24 11	0 55	0 56	1 32	23 18	0 11	18 15	0 41	7 41	1 57	27 17	15 56	15 23		15 5		11 3			n.a.	W20
T 21	20 28	13 38	5 15	17 39	3 49	23 41	0 25	24 8	0 55	0 56	1 32	23 18	0 11	18 14	0 41	7 41	1 58	27 18	15 56	15 24		15 6		11 2			n.a.	T 21
F 22	20 15	16 38	5 1	17 52	3 47	23 37	0 28	24 4	0 56	0 56	1 33	23 17	0 12	18 14	0 41	7 41	1 58	27 19	15 57	15 25		15 7		11 0			n.a.	F 22
S 23	20 2	18 49	4 30	18 6	3 43	23 32	0 30	24 0	0 56	0 56	1 33	23 17	0 12	18 13	0 41	7 41	1 58	27 20	15 57	15 25		15 8		10 58			n.a.	S 23
S 24	19 48	19 56	3 42	18 20	3 37	23 27	0 32	23 56	0 57	0 55	1 33	23 16	0 12	18 12	0 41	7 41	1 58	27 21	15 57	15 26		15 9		10 57			n.a.	S 24
M25	19 34	19 46	2 38	18 35	3 30	23 21	0 35	23 51	0 57	0 55	1 34	23 16	0 12	18 11	0 41	7 41	1 58	27 21	15 57	15 27		15 10		10 55			n.a.	M25
T 26	19 19	18 15	1 22	18 50	3 21	23 14	0 37	23 47	0 58	0 55	1 34	23 15	0 12	18 10	0 41	7 41	1 58	27 22	15 58	15 27		15 11		10 53			n.a.	T 26
W27	19 5	15 26	0s 0	19 5	3 11	23 6	0 39	23 41	0 58	0 54	1 34	23 14	0 12	18 9	0 41	7 41	1 58	27 23	15 58	15 27		15 12		10 52			n.a.	W27
T 28	18 50	11 35	1 23	19 20	3 1	22 58	0 41	23 36	0 59	0 53	1 34	23 14	0 12	18 8	0 41	7 41	1 58	27 24	15 58	15 27		15 13		10 50			n.a.	T 28
F 29	18 34	7 2	2 39	19 34	2 49	22 49	0 44	23 30	0 59	0 53	1 35	23 13	0 12	18 7	0 41	7 41	1 58	27 24	15 58	15 27		15 14		10 48			n.a.	F 29
S 30	18 18	2 9	3 44	19 48	2 37	22 39	0 46	23 24	0 59	0 52	1 35	23 13	0 12	18 6	0 41	7 41	1 58	27 25	15 59	15 26		15 15		10 47			n.a.	S 30
S 31	18s 2	2n45	4s33	20s 2	2n24	22s29	0s48	23s18	1s 0	0s51	1n35	23s12	0s12	18s 5	0s41	7s41	1n58	27n26	15n59	15n26		15n16		10n45			n.a.	S 31

Julian Day Number = 1717040.5, Delta T = 02h57m51s
Ecliptic obliquity = 23°41'39, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°13'39, Lahiri = - 4°06'39 Julian Calendar 1 Jan. 12 BCE == Greg. Calendar 30 Dec. 013 BCE

The year -11 astronomical counting style corresponds to year 012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 12 BCE
geocentric

FEBRUARY 12 BCE (-11) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 35 21	10♒35'57	1♉30	18°D26	24♑20	19♑52	5°R43	13♑40	11♒53	24°R16	27°R18	18♌32	19♌ 0	6♍18	n.a.	M 1
T 2	8 39 17	11°36'05	15° 8	18♑32	25°35	20°39	5♎41	13°46	11°56	24♎16	27♌16	18°R32	18°56	6°25	n.a.	T 2
W 3	8 43 14	12°36'10	28°25	18°44	26°49	21°26	5°39	13°53	12° 0	24°15	27°15	18°32	18°53	6°31	n.a.	W 3
T 4	8 47 10	13°36'13	11♊23	19° 2	28° 4	22°13	5°36	14° 0	12° 3	24°15	27°13	18°31	18°50	6°38	n.a.	T 4
F 5	8 51 7	14°36'14	24° 4	19°25	29°18	23° 0	5°34	14° 6	12° 7	24°15	27°11	18°31	18°47	6°45	n.a.	F 5
S 6	8 55 3	15°36'12	6♋31	19°53	0♒33	23°47	5°31	14°13	12°10	24°15	27°10	18°30	18°44	6°51	n.a.	S 6
S 7	8 59 0	16°36'09	18°46	20°25	1°47	24°34	5°28	14°19	12°14	24°14	27° 8	18°30	18°40	6°58	n.a.	S 7
M 8	9 2 56	17°36'03	0♌51	21° 2	3° 2	25°21	5°25	14°26	12°17	24°14	27° 7	18°30	18°37	7° 5	n.a.	M 8
T 9	9 6 53	18°35'55	12°50	21°43	4°17	26° 8	5°22	14°32	12°20	24°13	27° 5	18°30	18°34	7°11	n.a.	T 9
W10	9 10 50	19°35'45	24°42	22°28	5°31	26°55	5°19	14°38	12°24	24°13	27° 4	18°30	18°31	7°18	n.a.	W10
T 11	9 14 46	20°35'33	6♍32	23°16	6°45	27°42	5°15	14°45	12°27	24°13	27° 2	18°30	18°28	7°25	n.a.	T 11
F 12	9 18 43	21°35'18	18°20	24° 8	8° 0	28°29	5°12	14°51	12°31	24°12	27° 0	18°29	18°25	7°31	n.a.	F 12
S 13	9 22 39	22°35'02	0♎ 9	25° 3	9°14	29°16	5° 8	14°57	12°34	24°11	26°59	18°29	18°21	7°38	n.a.	S 13
S 14	9 26 36	23°34'44	12° 3	26° 1	10°29	0♒ 3	5° 4	15° 3	12°37	24°11	26°57	18°28	18°18	7°45	n.a.	S 14
M15	9 30 32	24°34'24	24° 5	27° 1	11°43	0°50	5° 0	15° 9	12°41	24°10	26°55	18°28	18°15	7°51	n.a.	M15
T 16	9 34 29	25°34'03	6♏17	28° 4	12°58	1°37	4°55	15°15	12°44	24°10	26°54	18°27	18°12	7°58	n.a.	T 16
W17	9 38 25	26°33'39	18°44	29°10	14°12	2°24	4°51	15°21	12°48	24° 9	26°52	18°26	18° 9	8° 4	n.a.	W17
T 18	9 42 22	27°33'14	1♐31	0♒17	15°27	3°11	4°46	15°27	12°51	24° 8	26°51	18°D26	18° 5	8°11	n.a.	T 18
F 19	9 46 18	28°32'46	14°40	1°27	16°41	3°58	4°41	15°33	12°54	24° 8	26°49	18°27	18° 2	8°18	n.a.	F 19
S 20	9 50 15	29°32'17	28°14	2°40	17°55	4°45	4°36	15°39	12°58	24° 7	26°47	18°28	17°59	8°24	n.a.	S 20
S 21	9 54 12	0♓31'46	12♑16	3°54	19°10	5°32	4°31	15°45	13° 1	24° 6	26°46	18°29	17°56	8°31	n.a.	S 21
M22	9 58 8	1°31'14	26°43	5°10	20°24	6°19	4°26	15°51	13° 4	24° 5	26°44	18°29	17°53	8°38	n.a.	M22
T 23	10 2 5	2°30'39	11♒32	6°27	21°39	7° 6	4°20	15°56	13° 8	24° 4	26°42	18°R30	17°50	8°44	n.a.	T 23
W24	10 6 1	3°30'02	26°37	7°47	22°53	7°53	4°15	16° 2	13°11	24° 4	26°41	18°30	17°46	8°51	n.a.	W24
T 25	10 9 58	4°29'23	11♓51	9° 8	24° 7	8°40	4° 9	16° 8	13°14	24° 3	26°39	18°29	17°43	8°58	n.a.	T 25
F 26	10 13 54	5°28'42	27° 1	10°31	25°22	9°27	4° 3	16°13	13°17	24° 2	26°38	18°28	17°40	9° 4	n.a.	F 26
S 27	10 17 51	6°27'59	12♈ 0	11°56	26°36	10°14	3°57	16°19	13°21	24° 1	26°36	18°25	17°37	9°11	n.a.	S 27
S 28	10 21 47	7♓27'13	26♈40	13♒22	27♒50	11♒ 1	3♎51	16♑24	13♒24	24♎ 0	26♌34	18♌23	17♌34	9♍18	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s46	7n22	5s 4	20s14	2n12	22s18	0s50	23s12	1s 0	0s50	1n35	23s11	0s12	18s 4	0s41	7s40	1n58	27n27	15n59	15n26	15n17	10n43		n.a.
T 2	17 29	11 30	5 17	20 26	1 59	22 6	0 52	23 5	1 1	0 49	1 36	23 11	0 12	18 3	0 41	7 40	1 58	27 27	15 59	15 26	15 18	10 41		n.a.
W 3	17 12	14 56	5 13	20 37	1 46	21 54	0 54	22 58	1 1	0 48	1 36	23 10	0 13	18 2	0 41	7 40	1 58	27 28	15 59	15 26	15 19	10 40		n.a.
T 4	16 55	17 33	4 53	20 48	1 33	21 41	0 56	22 51	1 1	0 47	1 36	23 10	0 13	18 1	0 41	7 40	1 58	27 29	16 0	15 26	15 20	10 38		n.a.
F 5	16 38	19 15	4 19	20 57	1 20	21 27	0 57	22 43	1 2	0 46	1 36	23 9	0 13	18 0	0 41	7 40	1 59	27 30	16 0	15 26	15 21	10 36		n.a.
S 6	16 20	19 59	3 33	21 6	1 7	21 13	0 59	22 36	1 2	0 44	1 37	23 8	0 13	17 59	0 41	7 40	1 59	27 30	16 0	15 27	15 22	10 35		n.a.
S 7	16 2	19 45	2 38	21 13	0 55	20 58	1 1	22 28	1 2	0 43	1 37	23 8	0 13	17 58	0 41	7 40	1 59	27 31	16 0	15 27	15 23	10 33		n.a.
M 8	15 43	18 37	1 37	21 19	0 43	20 42	1 3	22 19	1 3	0 42	1 37	23 7	0 13	17 57	0 41	7 39	1 59	27 32	16 0	15 27	15 24	10 31		n.a.
T 9	15 25	16 38	0 32	21 25	0 31	20 26	1 4	22 11	1 3	0 40	1 37	23 6	0 13	17 56	0 41	7 39	1 59	27 33	16 0	15 27	15 25	10 29		n.a.
W10	15 6	13 58	0n34	21 29	0 20	20 9	1 6	22 2	1 4	0 39	1 37	23 6	0 13	17 55	0 41	7 39	1 59	27 33	16 1	15 27	15 26	10 28		n.a.
T 11	14 47	10 44	1 39	21 32	0 8	19 52	1 7	21 53	1 4	0 37	1 38	23 5	0 13	17 54	0 41	7 39	1 59	27 34	16 1	15 27	15 27	10 26		n.a.
F 12	14 28	7 5	2 38	21 33	0s 2	19 34	1 9	21 44	1 4	0 35	1 38	23 5	0 13	17 53	0 41	7 38	1 59	27 35	16 1	15 27	15 28	10 24		n.a.
S 13	14 8	3 10	3 32	21 34	0 13	19 16	1 10	21 34	1 5	0 34	1 38	23 4	0 13	17 52	0 41	7 38	1 59	27 35	16 1	15 27	15 29	10 22		n.a.
S 14	13 48	0s54	4 16	21 33	0 23	18 57	1 12	21 25	1 5	0 32	1 38	23 3	0 13	17 51	0 41	7 38	1 59	27 36	16 1	15 27	15 30	10 21		n.a.
M15	13 28	4 57	4 49	21 31	0 33	18 37	1 13	21 15	1 5	0 30	1 39	23 3	0 14	17 50	0 41	7 38	1 59	27 37	16 1	15 27	15 31	10 19		n.a.
T 16	13 8	8 52	5 11	21 27	0 42	18 17	1 14	21 4	1 6	0 28	1 39	23 2	0 14	17 49	0 41	7 37	1 59	27 37	16 1	15 28	15 32	10 17		n.a.
W17	12 48	12 30	5 18	21 22	0 51	17 57	1 15	20 54	1 6	0 26	1 39	23 2	0 14	17 48	0 41	7 37	1 59	27 38	16 1	15 28	15 33	10 15		n.a.
T 18	12 27	15 38	5 9	21 16	0 59	17 36	1 16	20 43	1 6	0 24	1 39	23 1	0 14	17 47	0 41	7 37	1 59	27 39	16 1	15 28	15 34	10 14		n.a.
F 19	12 6	18 5	4 45	21 9	1 8	17 14	1 18	20 33	1 6	0 22	1 39	23 0	0 14	17 46	0 41	7 36	1 59	27 39	16 1	15 28	15 35	10 12		n.a.
S 20	11 45	19 37	4 4	21 0	1 15	16 52	1 19	20 21	1 7	0 20	1 40	23 0	0 14	17 46	0 41	7 36	1 59	27 40	16 1	15 27	15 36	10 10		n.a.
S 21	11 24	20 0	3 8	20 49	1 23	16 29	1 19	20 10	1 7	0 17	1 40	22 59	0 14	17 45	0 41	7 36	1 59	27 41	16 1	15 27	15 37	10 8		n.a.
M22	11 3	19 6	1 58	20 37	1 29	16 7	1 20	19 59	1 7	0 15	1 40	22 59	0 14	17 44	0 41	7 35	2 0	27 41	16 1	15 27	15 38	10 7		n.a.
T 23	10 41	16 53	0 39	20 24	1 36	15 43	1 21	19 47	1 8	0 13	1 40	22 58	0 14	17 43	0 41	7 35	2 0	27 42	16 1	15 27	15 39	10 5		n.a.
W24	10 20	13 28	0s45	20 9	1 42	15 19	1 22	19 35	1 8	0 10	1 40	22 57	0 14	17 42	0 41	7 35	2 0	27 42	16 1	15 27	15 40	10 3		n.a.
T 25	9 58	9 8	2 6	19 53	1 47	14 55	1 23	19 23	1 8	0 8	1 40	22 57	0 14	17 41	0 41	7 34	2 0	27 43	16 1	15 27	15 41	10 1		n.a.
F 26	9 36	4 13	3 18	19 35	1 53	14 31	1 23	19 11	1 8	0 6	1 41	22 56	0 15	17 40	0 41	7 34	2 0	27 44	16 1	15 27	15 42	10 0		n.a.
S 27	9 14	0n54	4 15	19 16	1 57	14 6	1 24	18 58	1 9	0 3	1 41	22 56	0 15	17 39	0 41	7 34	2 0	27 44	16 1	15 28	15 43	9 58		n.a.
S 28	8s52	5n50	4s54	18s55	2s 1	13s40	1s24	18s45	1s 9	0s 0	1n41	22s55	0s15	17s38	0s41	7s33	2n 0	27n45	16n 1	15n29	15n44	9n56		n.a.

Julian Day Number = 1717071.5, Delta T = 02h57m50s
Ecliptic obliquity = 23°41'40, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°13'35, Lahiri = - 4°06'34 Julian Calendar 1 Feb. 12 BCE == Greg. Calendar 30 Jan. 012 BCE

The year -11 astronomical counting style corresponds to year 012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 12 BCE
geocentric

MARCH 12 BCE (-11) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 25 44	8♓26'25	10♉54	14♒50	29♒ 5	11♒47	3°R45	16♋29	13♒27	23°R59	26°R33	18°R21	17♌31	9♍24	n.a.	M 1
T 2	10 29 41	9°25'34	24°42	16°19	0♓19	12°34	3♎39	16°35	13°30	23♎58	26♌31	18♌19	17°27	9°31	n.a.	T 2
W 3	10 33 37	10°24'41	8♊ 2	17°50	1°33	13°21	3°32	16°40	13°34	23°57	26°30	18°D18	17°24	9°38	n.a.	W 3
T 4	10 37 34	11°23'46	20°58	19°23	2°48	14° 8	3°26	16°45	13°37	23°56	26°28	18°19	17°21	9°44	n.a.	T 4
F 5	10 41 30	12°22'48	3♋33	20°56	4° 2	14°54	3°19	16°50	13°40	23°55	26°27	18°20	17°18	9°51	n.a.	F 5
S 6	10 45 27	13°21'48	15°51	22°32	5°16	15°41	3°12	16°55	13°43	23°54	26°25	18°22	17°15	9°58	n.a.	S 6
S 7	10 49 23	14°20'46	27°55	24° 8	6°30	16°28	3° 5	17° 0	13°46	23°52	26°24	18°23	17°11	10° 4	n.a.	S 7
M 8	10 53 20	15°19'41	9♌51	25°47	7°45	17°15	2°58	17° 5	13°49	23°51	26°22	18°24	17° 8	10°11	n.a.	M 8
T 9	10 57 16	16°18'34	21°42	27°26	8°59	18° 1	2°51	17°10	13°52	23°50	26°21	18°R25	17° 5	10°18	n.a.	T 9
W10	11 1 13	17°17'25	3♍30	29° 8	10°13	18°48	2°44	17°15	13°55	23°49	26°19	18°24	17° 2	10°24	n.a.	W10
T 11	11 5 10	18°16'13	15°18	0♓50	11°27	19°35	2°37	17°19	13°58	23°48	26°18	18°21	16°59	10°31	n.a.	T 11
F 12	11 9 6	19°14'59	27° 9	2°35	12°41	20°21	2°30	17°24	14° 1	23°46	26°16	18°17	16°56	10°38	n.a.	F 12
S 13	11 13 3	20°13'44	9♎ 4	4°20	13°56	21° 8	2°23	17°28	14° 4	23°45	26°15	18°12	16°52	10°44	n.a.	S 13
S 14	11 16 59	21°12'26	21° 4	6° 7	15°10	21°54	2°15	17°33	14° 7	23°44	26°13	18° 6	16°49	10°51	n.a.	S 14
M15	11 20 56	22°11'07	3♏13	7°56	16°24	22°41	2° 8	17°37	14°10	23°43	26°12	18° 0	16°46	10°58	n.a.	M15
T 16	11 24 52	23° 9'45	15°32	9°47	17°38	23°27	2° 0	17°41	14°13	23°41	26°10	17°55	16°43	11° 4	n.a.	T 16
W17	11 28 49	24° 8'22	28° 4	11°38	18°52	24°14	1°53	17°46	14°16	23°40	26° 9	17°50	16°40	11°11	n.a.	W17
T 18	11 32 45	25° 6'57	10♐51	13°32	20° 6	25° 0	1°45	17°50	14°18	23°38	26° 8	17°48	16°37	11°18	n.a.	T 18
F 19	11 36 42	26° 5'30	23°56	15°27	21°20	25°47	1°38	17°54	14°21	23°37	26° 6	17°D47	16°33	11°24	n.a.	F 19
S 20	11 40 38	27° 4'02	7♑22	17°23	22°34	26°33	1°30	17°58	14°24	23°36	26° 5	17°47	16°30	11°31	n.a.	S 20
S 21	11 44 35	28° 2'32	21°11	19°21	23°49	27°19	1°23	18° 2	14°27	23°34	26° 4	17°48	16°27	11°37	n.a.	S 21
M22	11 48 32	29° 1'00	5♒25	21°21	25° 3	28° 6	1°15	18° 6	14°29	23°33	26° 2	17°50	16°24	11°44	n.a.	M22
T 23	11 52 28	29°59'27	20° 0	23°22	26°17	28°52	1° 7	18° 9	14°32	23°31	26° 1	17°R50	16°21	11°51	n.a.	T 23
W24	11 56 25	0♈57'51	4♓55	25°24	27°31	29°38	1° 0	18°13	14°35	23°30	26° 0	17°49	16°17	11°57	n.a.	W24
T 25	12 0 21	1°56'14	20° 2	27°28	28°45	0♓24	0°52	18°17	14°37	23°28	25°58	17°46	16°14	12° 4	n.a.	T 25
F 26	12 4 18	2°54'35	5♈13	29°32	29°59	1°11	0°44	18°20	14°40	23°27	25°57	17°41	16°11	12°11	n.a.	F 26
S 27	12 8 14	3°52'54	20°16	1♈38	1♈13	1°57	0°37	18°23	14°42	23°26	25°56	17°34	16° 8	12°17	n.a.	S 27
S 28	12 12 11	4°51'11	5♉ 4	3°45	2°27	2°43	0°29	18°27	14°45	23°24	25°55	17°27	16° 5	12°24	n.a.	S 28
M29	12 16 7	5°49'27	19°28	5°53	3°41	3°29	0°21	18°30	14°47	23°22	25°54	17°20	16° 2	12°31	n.a.	M29
T 30	12 20 4	6°47'40	3♊25	8° 2	4°55	4°15	0°14	18°33	14°50	23°21	25°52	17°14	15°58	12°37	n.a.	T 30
W31	12 24 1	7♈45'51	16♊52	10♈10	6♈ 9	5♓ 1	0♎ 6	18♋36	14♒52	23♎19	25♌51	17♌10	15♌55	12♍44	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8s30	10n18	5s13	18s33	2s 5	13s14	1s25	18s32	1s 9	0n 2	1n41	22s55	0s15	17s37	0s41	7s33	2n 0	27n45	16n 1	15n29	15n45	9n54		n.a.
T 2	8 7	14 4	5 14	18 9	2 9	12 48	1 25	18 19	1 9	0 5	1 41	22 54	0 15	17 36	0 41	7 32	2 0	27 46	16 1	15 30	15 46	9 52		n.a.
W 3	7 45	16 59	4 57	17 44	2 11	12 22	1 26	18 6	1 10	0 8	1 41	22 54	0 15	17 35	0 41	7 32	2 0	27 46	16 1	15 30	15 47	9 51		n.a.
T 4	7 22	18 57	4 26	17 17	2 14	11 55	1 26	17 53	1 10	0 10	1 41	22 53	0 15	17 34	0 41	7 31	2 0	27 47	16 1	15 30	15 48	9 49		n.a.
F 5	6 59	19 56	3 43	16 49	2 16	11 28	1 26	17 39	1 10	0 13	1 41	22 52	0 15	17 34	0 41	7 31	2 0	27 47	16 1	15 30	15 49	9 47		n.a.
S 6	6 36	19 56	2 50	16 19	2 17	11 1	1 26	17 25	1 10	0 16	1 42	22 52	0 15	17 33	0 41	7 31	2 0	27 48	16 1	15 29	15 50	9 45		n.a.
S 7	6 14	19 0	1 51	15 47	2 18	10 33	1 26	17 11	1 10	0 19	1 42	22 51	0 15	17 32	0 41	7 30	2 0	27 48	16 1	15 29	15 51	9 44		n.a.
M 8	5 51	17 13	0 47	15 14	2 19	10 5	1 26	16 57	1 10	0 22	1 42	22 51	0 16	17 31	0 41	7 30	2 0	27 49	16 1	15 28	15 52	9 42		n.a.
T 9	5 27	14 42	0n18	14 40	2 19	9 37	1 26	16 43	1 11	0 24	1 42	22 50	0 16	17 30	0 41	7 29	2 0	27 49	16 1	15 28	15 53	9 40		n.a.
W10	5 4	11 36	1 22	14 3	2 18	9 8	1 26	16 28	1 11	0 27	1 42	22 50	0 16	17 29	0 41	7 29	2 0	27 49	16 1	15 29	15 54	9 38		n.a.
T 11	4 41	8 2	2 22	13 26	2 17	8 40	1 26	16 14	1 11	0 30	1 42	22 49	0 16	17 28	0 41	7 28	2 0	27 50	16 0	15 29	15 55	9 36		n.a.
F 12	4 18	4 9	3 16	12 47	2 16	8 11	1 26	15 59	1 11	0 33	1 42	22 49	0 16	17 27	0 41	7 28	2 0	27 50	16 0	15 31	15 56	9 35		n.a.
S 13	3 55	0 5	4 2	12 6	2 14	7 42	1 25	15 44	1 11	0 36	1 42	22 48	0 16	17 27	0 41	7 27	2 0	27 51	16 0	15 32	15 57	9 33		n.a.
S 14	3 31	4s 1	4 38	11 24	2 11	7 12	1 25	15 29	1 11	0 39	1 42	22 48	0 16	17 26	0 41	7 27	2 0	27 51	16 0	15 34	15 58	9 31		n.a.
M15	3 8	8 0	5 1	10 40	2 8	6 43	1 24	15 14	1 12	0 42	1 42	22 47	0 16	17 25	0 42	7 26	2 1	27 51	16 0	15 36	15 59	9 29		n.a.
T 16	2 45	11 42	5 11	9 54	2 5	6 13	1 24	14 58	1 12	0 45	1 42	22 47	0 16	17 24	0 42	7 26	2 1	27 52	16 0	15 38	16 0	9 27		n.a.
W17	2 21	14 57	5 7	9 8	2 1	5 43	1 23	14 43	1 12	0 48	1 42	22 46	0 16	17 23	0 42	7 25	2 1	27 52	15 59	15 39	16 1	9 25		n.a.
T 18	1 58	17 35	4 47	8 20	1 56	5 14	1 23	14 27	1 12	0 51	1 42	22 46	0 17	17 23	0 42	7 24	2 1	27 52	15 59	15 40	16 2	9 24		n.a.
F 19	1 34	19 22	4 12	7 30	1 51	4 43	1 22	14 11	1 12	0 54	1 42	22 46	0 17	17 22	0 42	7 24	2 1	27 53	15 59	15 40	16 3	9 22		n.a.
S 20	1 11	20 7	3 22	6 39	1 45	4 13	1 21	13 56	1 12	0 58	1 42	22 45	0 17	17 21	0 42	7 23	2 1	27 53	15 59	15 40	16 3	9 20		n.a.
S 21	0 47	19 42	2 20	5 46	1 39	3 43	1 20	13 40	1 12	1 1	1 42	22 45	0 17	17 20	0 42	7 23	2 1	27 53	15 59	15 40	16 4	9 18		n.a.
M22	0 24	18 2	1 7	4 53	1 32	3 12	1 20	13 23	1 12	1 4	1 42	22 44	0 17	17 19	0 42	7 22	2 1	27 54	15 58	15 39	16 5	9 16		n.a.
T 23	0 0	15 9	0s12	3 58	1 25	2 42	1 19	13 7	1 12	1 7	1 42	22 44	0 17	17 19	0 42	7 22	2 1	27 54	15 58	15 39	16 6	9 14		n.a.
W24	0n23	11 13	1 31	3 2	1 17	2 11	1 18	12 51	1 12	1 10	1 42	22 43	0 17	17 18	0 42	7 21	2 1	27 54	15 58	15 39	16 7	9 13		n.a.
T 25	0 47	6 31	2 46	2 5	1 9	1 40	1 17	12 34	1 12	1 13	1 42	22 43	0 17	17 17	0 42	7 21	2 1	27 54	15 58	15 40	16 8	9 11		n.a.
F 26	1 10	1 24	3 48	1 6	1 0	1 10	1 16	12 18	1 12	1 16	1 42	22 43	0 17	17 16	0 42	7 20	2 1	27 55	15 57	15 42	16 9	9 9		n.a.
S 27	1 34	3n46	4 34	0 8	0 51	0 39	1 14	12 1	1 12	1 19	1 42	22 42	0 18	17 16	0 42	7 19	2 1	27 55	15 57	15 44	16 10	9 7		n.a.
S 28	1 57	8 37	5 1	0n52	0 42	0 8	1 13	11 44	1 12	1 22	1 42	22 42	0 18	17 15	0 42	7 19	2 1	27 55	15 57	15 46	16 11	9 5		n.a.
M29	2 20	12 51	5 8	1 52	0 32	0n23	1 12	11 28	1 12	1 25	1 42	22 42	0 18	17 14	0 42	7 18	2 1	27 55	15 57	15 48	16 12	9 3		n.a.
T 30	2 43	16 13	4 56	2 53	0 22	0 54	1 11	11 11	1 12	1 28	1 42	22 41	0 18	17 14	0 42	7 18	2 1	27 55	15 56	15 50	16 13	9 2		n.a.
W31	3n 7	18n36	4s28	3n54	0s12	1n25	1s 9	10s54	1s12	1n31	1n42	22s41	0s18	17s13	0s42	7s17	2n 1	27n55	15n56	15n51	16n14	9n 0		n.a.

Julian Day Number = 1717099.5, Delta T = 02h57m49s
Ecliptic obliquity = 23°41'41, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°13'31, Lahiri = - 4°06'31 Julian Calendar 1 March 12 BCE == Greg. Calendar 27 Feb. 012 BCE

The year -11 astronomical counting style corresponds to year 012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 12 BCE
geocentric

APRIL 12 BCE (-11) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 27 57	8♈44'00	29♊52	12♈20	7♈23	5♓47	29°R59	18♉39	14♒55	23°R18	25°R50	17°R 8	15♌52	12♍51	n.a.	T 1
F 2	12 31 54	9°42'07	12♋28	14°28	8°37	6°33	29♍51	18°42	14°57	23♎16	25♌49	17°D 8	15°49	12°57	n.a.	F 2
S 3	12 35 50	10°40'11	24°44	16°37	9°51	7°19	29°44	18°45	14°59	23°15	25°48	17♌ 8	15°46	13° 4	n.a.	S 3
S 4	12 39 47	11°38'14	6♌46	18°45	11° 5	8° 5	29°36	18°48	15° 1	23°13	25°47	17° 9	15°42	13°11	n.a.	S 4
M 5	12 43 43	12°36'15	18°38	20°52	12°19	8°50	29°29	18°50	15° 4	23°12	25°46	17°R10	15°39	13°17	n.a.	M 5
T 6	12 47 40	13°34'14	0♍26	22°58	13°32	9°36	29°22	18°53	15° 6	23°10	25°45	17° 9	15°36	13°24	n.a.	T 6
W 7	12 51 36	14°32'11	12°13	25° 2	14°46	10°22	29°14	18°55	15° 8	23° 8	25°44	17° 6	15°33	13°31	n.a.	W 7
T 8	12 55 33	15°30'06	24° 3	27° 4	16° 0	11° 8	29° 7	18°58	15°10	23° 7	25°43	17° 0	15°30	13°37	n.a.	T 8
F 9	12 59 29	16°27'59	5♎59	29° 5	17°14	11°53	29° 0	19° 0	15°12	23° 5	25°42	16°52	15°27	13°44	n.a.	F 9
S 10	13 3 26	17°25'50	18° 2	1♉ 2	18°28	12°39	28°53	19° 2	15°14	23° 4	25°41	16°42	15°23	13°51	n.a.	S 10
S 11	13 7 23	18°23'40	0♏14	2°58	19°42	13°24	28°46	19° 4	15°16	23° 2	25°41	16°31	15°20	13°57	n.a.	S 11
M12	13 11 19	19°21'29	12°35	4°51	20°56	14°10	28°40	19° 6	15°18	23° 0	25°40	16°20	15°17	14° 4	n.a.	M12
T 13	13 15 16	20°19'16	25° 8	6°40	22° 9	14°55	28°33	19° 8	15°20	22°59	25°39	16° 9	15°14	14°11	n.a.	T 13
W14	13 19 12	21°17'02	7♐51	8°27	23°23	15°41	28°26	19°10	15°22	22°57	25°38	16° 1	15°11	14°17	n.a.	W14
T 15	13 23 9	22°14'46	20°47	10°11	24°37	16°26	28°20	19°11	15°24	22°55	25°37	15°54	15° 8	14°24	n.a.	T 15
F 16	13 27 5	23°12'30	3♑57	11°51	25°51	17°11	28°13	19°13	15°25	22°54	25°37	15°51	15° 4	14°31	n.a.	F 16
S 17	13 31 2	24°10'12	17°23	13°29	27° 5	17°57	28° 7	19°15	15°27	22°52	25°36	15°49	15° 1	14°37	n.a.	S 17
S 18	13 34 58	25° 7'52	1♒ 6	15° 2	28°18	18°42	28° 1	19°16	15°29	22°51	25°35	15°D49	14°58	14°44	n.a.	S 18
M19	13 38 55	26° 5'32	15° 7	16°33	29°32	19°27	27°55	19°17	15°30	22°49	25°35	15°R49	14°55	14°51	n.a.	M19
T 20	13 42 52	27° 3'11	29°27	18° 0	0♉46	20°12	27°49	19°18	15°32	22°47	25°34	15°49	14°52	14°57	n.a.	T 20
W21	13 46 48	28° 0'48	14♓ 3	19°23	2° 0	20°57	27°43	19°20	15°34	22°46	25°34	15°46	14°48	15° 4	n.a.	W21
T 22	13 50 45	28°58'25	28°52	20°43	3°13	21°42	27°37	19°21	15°35	22°44	25°33	15°41	14°45	15°11	n.a.	T 22
F 23	13 54 41	29°56'00	13♈46	21°59	4°27	22°27	27°32	19°21	15°37	22°42	25°33	15°33	14°42	15°17	n.a.	F 23
S 24	13 58 38	0♉53'34	28°38	23°11	5°41	23°12	27°26	19°22	15°38	22°41	25°32	15°24	14°39	15°24	n.a.	S 24
S 25	14 2 34	1°51'07	13♉19	24°20	6°55	23°57	27°21	19°23	15°39	22°39	25°32	15°13	14°36	15°31	n.a.	S 25
M26	14 6 31	2°48'38	27°40	25°25	8° 8	24°42	27°16	19°24	15°41	22°38	25°31	15° 2	14°33	15°37	n.a.	M26
T 27	14 10 27	3°46'09	11♊37	26°26	9°22	25°27	27°11	19°24	15°42	22°36	25°31	14°52	14°29	15°44	n.a.	T 27
W28	14 14 24	4°43'38	25° 7	27°23	10°36	26°11	27° 6	19°25	15°43	22°34	25°31	14°45	14°26	15°51	n.a.	W28
T 29	14 18 21	5°41'05	8♋ 9	28°16	11°50	26°56	27° 1	19°25	15°44	22°33	25°30	14°40	14°23	15°57	n.a.	T 29
F 30	14 22 17	6♉38'32	20♋48	29♉ 6	13♉ 3	27♓41	26♍57	19♑25	15♒46	22♎31	25♌30	14♌38	14♌20	16♍ 4	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3n30	19n55	3s47	4n54	0s 1	1n55	1s 8	10s37	1s12	1n34	1n42	22s41	0s18	17s12	0s42	7s16	2n 1	27n56	15n56	15n52	16n15	8n58		n.a.
F 2	3 53	20 11	2 56	5 55	0n10	2 26	1 6	10 19	1 12	1 37	1 42	22 40	0 18	17 12	0 42	7 16	2 1	27 56	15 55	15 52	16 16	8 56		n.a.
S 3	4 16	19 29	1 58	6 55	0 21	2 57	1 5	10 2	1 12	1 40	1 42	22 40	0 18	17 11	0 42	7 15	2 1	27 56	15 55	15 52	16 17	8 54		n.a.
S 4	4 39	17 53	0 56	7 54	0 31	3 28	1 3	9 45	1 12	1 43	1 42	22 40	0 18	17 10	0 42	7 15	2 1	27 56	15 55	15 52	16 18	8 52		n.a.
M 5	5 2	15 32	0n 8	8 53	0 42	3 58	1 2	9 27	1 12	1 46	1 42	22 40	0 19	17 10	0 42	7 14	2 1	27 56	15 55	15 51	16 19	8 50		n.a.
T 6	5 25	12 32	1 11	9 50	0 53	4 29	1 0	9 10	1 12	1 48	1 42	22 39	0 19	17 9	0 42	7 13	2 1	27 56	15 54	15 52	16 20	8 48		n.a.
W 7	5 47	9 3	2 10	10 46	1 3	4 59	0 58	8 52	1 12	1 51	1 41	22 39	0 19	17 8	0 42	7 13	2 1	27 56	15 54	15 53	16 21	8 47		n.a.
T 8	6 10	5 12	3 4	11 40	1 13	5 30	0 57	8 35	1 12	1 54	1 41	22 39	0 19	17 8	0 42	7 12	2 1	27 56	15 54	15 54	16 22	8 45		n.a.
F 9	6 32	1 7	3 51	12 33	1 23	6 0	0 55	8 17	1 12	1 57	1 41	22 39	0 19	17 7	0 42	7 12	2 1	27 56	15 53	15 57	16 23	8 43		n.a.
S 10	6 55	3s 2	4 27	13 23	1 32	6 30	0 53	8 0	1 12	1 59	1 41	22 39	0 19	17 7	0 42	7 11	2 1	27 56	15 53	16 0	16 24	8 41		n.a.
S 11	7 17	7 8	4 51	14 12	1 40	7 0	0 51	7 42	1 12	2 2	1 41	22 38	0 19	17 6	0 42	7 10	2 1	27 56	15 53	16 3	16 25	8 39		n.a.
M12	7 39	10 58	5 3	14 58	1 48	7 30	0 49	7 24	1 12	2 5	1 41	22 38	0 19	17 6	0 42	7 10	2 1	27 56	15 52	16 7	16 25	8 37		n.a.
T 13	8 1	14 24	5 0	15 42	1 56	7 59	0 47	7 6	1 12	2 7	1 41	22 38	0 19	17 5	0 42	7 9	2 1	27 56	15 52	16 10	16 26	8 35		n.a.
W14	8 23	17 13	4 42	16 24	2 3	8 29	0 45	6 48	1 12	2 10	1 40	22 38	0 20	17 5	0 42	7 9	2 1	27 56	15 51	16 12	16 27	8 33		n.a.
T 15	8 45	19 13	4 10	17 4	2 9	8 58	0 43	6 30	1 12	2 12	1 40	22 38	0 20	17 4	0 42	7 8	2 1	27 56	15 51	16 14	16 28	8 32		n.a.
F 16	9 7	20 15	3 23	17 41	2 14	9 27	0 41	6 12	1 11	2 15	1 40	22 38	0 20	17 3	0 42	7 7	2 1	27 56	15 51	16 15	16 29	8 30		n.a.
S 17	9 28	20 9	2 25	18 15	2 19	9 56	0 39	5 54	1 11	2 17	1 40	22 38	0 20	17 3	0 43	7 7	2 1	27 56	15 50	16 16	16 30	8 28		n.a.
S 18	9 50	18 52	1 18	18 47	2 23	10 25	0 37	5 36	1 11	2 19	1 40	22 37	0 20	17 3	0 43	7 6	2 1	27 55	15 50	16 16	16 31	8 26		n.a.
M19	10 11	16 25	0 4	19 17	2 26	10 53	0 35	5 18	1 11	2 21	1 40	22 37	0 20	17 2	0 43	7 6	2 1	27 55	15 50	16 16	16 32	8 24		n.a.
T 20	10 32	12 54	1s12	19 44	2 28	11 21	0 33	5 0	1 11	2 24	1 39	22 37	0 20	17 2	0 43	7 5	2 1	27 55	15 49	16 16	16 33	8 22		n.a.
W21	10 53	8 33	2 24	20 9	2 29	11 49	0 30	4 42	1 11	2 26	1 39	22 37	0 20	17 1	0 43	7 4	2 1	27 55	15 49	16 17	16 34	8 20		n.a.
T 22	11 14	3 37	3 27	20 32	2 30	12 17	0 28	4 24	1 11	2 28	1 39	22 37	0 20	17 1	0 43	7 4	2 1	27 55	15 48	16 18	16 35	8 18		n.a.
F 23	11 34	1n33	4 17	20 52	2 30	12 44	0 26	4 6	1 10	2 30	1 39	22 37	0 21	17 0	0 43	7 3	2 1	27 55	15 48	16 21	16 36	8 16		n.a.
S 24	11 54	6 36	4 49	21 10	2 28	13 11	0 24	3 48	1 10	2 32	1 39	22 37	0 21	17 0	0 43	7 3	2 1	27 54	15 48	16 24	16 37	8 14		n.a.
S 25	12 15	11 13	5 1	21 25	2 26	13 38	0 21	3 30	1 10	2 34	1 38	22 37	0 21	17 0	0 43	7 2	2 1	27 54	15 47	16 27	16 38	8 12		n.a.
M26	12 35	15 4	4 54	21 38	2 24	14 4	0 19	3 12	1 10	2 36	1 38	22 37	0 21	16 59	0 43	7 1	2 1	27 54	15 47	16 30	16 39	8 11		n.a.
T 27	12 54	17 58	4 30	21 50	2 20	14 30	0 17	2 53	1 10	2 38	1 38	22 37	0 21	16 59	0 43	7 1	2 1	27 54	15 46	16 33	16 40	8 9		n.a.
W28	13 14	19 46	3 51	21 59	2 15	14 56	0 14	2 35	1 9	2 39	1 38	22 37	0 21	16 59	0 43	7 0	2 1	27 53	15 46	16 35	16 40	8 7		n.a.
T 29	13 33	20 26	3 0	22 5	2 10	15 21	0 12	2 17	1 9	2 41	1 37	22 37	0 21	16 58	0 43	7 0	2 1	27 53	15 45	16 36	16 41	8 5		n.a.
F 30	13n53	20n 3	2s 3	22n10	2n 3	15n46	0s10	1s59	1s 9	2n43	1n37	22s38	0s21	16s58	0s43	6s59	2n 1	27n53	15n45	16n37	16n42	8n 3		n.a.

Julian Day Number = 1717130.5, Delta T = 02h57m48s
Ecliptic obliquity = 23°41'41, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°13'27, Lahiri = - 4°06'26 Julian Calendar 1 Apr. 12 BCE == Greg. Calendar 30 March 012 BCE

The year -11 astronomical counting style corresponds to year 012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 12 BCE
geocentric

MAY 12 BCE (-11) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 26 14	7♉35'57	3♌ 6	29♉50	14♉17	28♓25	26°R52	19♑25	15♒47	22°R30	25°R30	14°R37	14♌17	16♍11	n.a.	S 1
S 2	14 30 10	8°33'20	15° 8	0♊31	15°31	29°10	26♍48	19°R25	15°48	22♎28	25♌29	14♌37	14°14	16°17	n.a.	S 2
M 3	14 34 7	9°30'42	27° 1	1° 8	16°44	29°54	26°44	19°25	15°49	22°27	25°29	14°37	14°10	16°24	n.a.	M 3
T 4	14 38 3	10°28'03	8♍50	1°40	17°58	0♈39	26°40	19°25	15°50	22°25	25°29	14°35	14° 7	16°31	n.a.	T 4
W 5	14 42 0	11°25'23	20°39	2° 7	19°12	1°23	26°37	19°25	15°51	22°24	25°29	14°31	14° 4	16°37	n.a.	W 5
T 6	14 45 56	12°22'42	2♎33	2°30	20°25	2° 7	26°33	19°24	15°52	22°22	25°29	14°24	14° 1	16°44	n.a.	T 6
F 7	14 49 53	13°19'59	14°34	2°49	21°39	2°51	26°30	19°24	15°52	22°21	25°29	14°15	13°58	16°51	n.a.	F 7
S 8	14 53 50	14°17'16	26°47	3° 3	22°52	3°36	26°26	19°23	15°53	22°19	25°29	14° 4	13°54	16°57	n.a.	S 8
S 9	14 57 46	15°14'31	9♏12	3°12	24° 6	4°20	26°23	19°23	15°54	22°18	25°D29	13°51	13°51	17° 4	n.a.	S 9
M10	15 1 43	16°11'46	21°50	3°17	25°20	5° 4	26°20	19°22	15°55	22°16	25°29	13°38	13°48	17°11	n.a.	M10
T 11	15 5 39	17° 9'00	4♐40	3°R17	26°33	5°48	26°18	19°21	15°55	22°15	25°29	13°26	13°45	17°17	n.a.	T 11
W12	15 9 36	18° 6'14	17°42	3°12	27°47	6°31	26°15	19°20	15°56	22°13	25°29	13°15	13°42	17°24	n.a.	W12
T 13	15 13 32	19° 3'27	0♑56	3° 4	29° 0	7°15	26°13	19°19	15°56	22°12	25°29	13° 8	13°39	17°31	n.a.	T 13
F 14	15 17 29	20° 0'39	14°20	2°51	0♊14	7°59	26°10	19°18	15°57	22°11	25°29	13° 3	13°35	17°37	n.a.	F 14
S 15	15 21 25	20°57'51	27°56	2°34	1°27	8°43	26° 8	19°17	15°57	22° 9	25°29	13° 1	13°32	17°44	n.a.	S 15
S 16	15 25 22	21°55'03	11♒42	2°14	2°41	9°27	26° 7	19°16	15°58	22° 8	25°30	13°D 0	13°29	17°51	n.a.	S 16
M17	15 29 19	22°52'14	25°40	1°50	3°55	10°10	26° 5	19°14	15°58	22° 6	25°30	13°R 0	13°26	17°57	n.a.	M17
T 18	15 33 15	23°49'26	9♓50	1°23	5° 8	10°54	26° 3	19°13	15°58	22° 5	25°30	13° 0	13°23	18° 4	n.a.	T 18
W19	15 37 12	24°46'36	24°10	0°54	6°22	11°37	26° 2	19°11	15°59	22° 4	25°30	12°57	13°19	18°11	n.a.	W19
T 20	15 41 8	25°43'47	8♈37	0°22	7°35	12°21	26° 1	19° 9	15°59	22° 2	25°31	12°52	13°16	18°17	n.a.	T 20
F 21	15 45 5	26°40'58	23° 8	29♉49	8°49	13° 4	26° 0	19° 8	15°59	22° 1	25°31	12°45	13°13	18°24	n.a.	F 21
S 22	15 49 1	27°38'08	7♉37	29°15	10° 2	13°47	25°59	19° 6	15°59	22° 0	25°32	12°35	13°10	18°31	n.a.	S 22
S 23	15 52 58	28°35'18	21°57	28°41	11°16	14°30	25°59	19° 4	15°59	21°59	25°32	12°24	13° 7	18°37	n.a.	S 23
M24	15 56 54	29°32'28	6♊ 2	28° 7	12°29	15°14	25°58	19° 2	15°R59	21°57	25°33	12°13	13° 4	18°44	n.a.	M24
T 25	16 0 51	0♊29'37	19°48	27°33	13°43	15°57	25°58	19° 0	15°59	21°56	25°33	12° 4	13° 0	18°51	n.a.	T 25
W26	16 4 48	1°26'46	3♋10	27° 1	14°56	16°40	25°D58	18°58	15°59	21°55	25°34	11°56	12°57	18°57	n.a.	W26
T 27	16 8 44	2°23'55	16°10	26°30	16°10	17°23	25°58	18°55	15°59	21°54	25°34	11°51	12°54	19° 4	n.a.	T 27
F 28	16 12 41	3°21'03	28°47	26° 2	17°23	18° 6	25°58	18°53	15°59	21°53	25°35	11°48	12°51	19°11	n.a.	F 28
S 29	16 16 37	4°18'11	11♌ 5	25°37	18°37	18°48	25°59	18°50	15°58	21°52	25°35	11°D48	12°48	19°17	n.a.	S 29
S 30	16 20 34	5°15'18	23° 9	25°15	19°50	19°31	25°59	18°48	15°58	21°51	25°36	11°48	12°45	19°24	n.a.	S 30
M31	16 24 30	6♊12'25	5♍ 3	24♉57	21♊ 4	20♈14	26♍ 0	18♑45	15♒58	21♎50	25♌37	11°R48	12♌41	19♍31	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n12	18n41	1s 1	22n13	1n56	16n11	0s 7	1s41	1s 9	2n44	1n37	22s38	0s22	16s58	0s43	6s59	2n 1	27n53	15n45	16n37	16n43	8n 1		n.a.
S 2	14 30	16 31	0n 3	22 14	1 47	16 35	0 5	1 23	1 8	2 46	1 37	22 38	0 22	16 57	0 43	6 58	2 1	27 52	15 44	16 37	16 44	7 59		n.a.
M 3	14 49	13 39	1 5	22 12	1 38	16 58	0 3	1 5	1 8	2 47	1 36	22 38	0 22	16 57	0 43	6 57	2 1	27 52	15 44	16 37	16 45	7 57		n.a.
T 4	15 7	10 16	2 5	22 9	1 28	17 22	0 0	0 47	1 8	2 48	1 36	22 38	0 22	16 57	0 43	6 57	2 1	27 52	15 43	16 38	16 46	7 55		n.a.
W 5	15 25	6 28	2 58	22 4	1 17	17 45	0n 2	0 29	1 8	2 50	1 36	22 38	0 22	16 57	0 43	6 56	2 1	27 51	15 43	16 39	16 47	7 53		n.a.
T 6	15 43	2 25	3 45	21 57	1 6	18 7	0 5	0 11	1 7	2 51	1 36	22 38	0 22	16 56	0 43	6 56	2 1	27 51	15 42	16 41	16 48	7 51		n.a.
F 7	16 0	1s47	4 22	21 49	0 53	18 29	0 7	0n 7	1 7	2 52	1 35	22 39	0 22	16 56	0 43	6 55	2 1	27 50	15 42	16 44	16 49	7 49		n.a.
S 8	16 18	5 59	4 47	21 39	0 40	18 50	0 9	0 25	1 7	2 53	1 35	22 39	0 22	16 56	0 43	6 55	2 1	27 50	15 42	16 47	16 50	7 47		n.a.
S 9	16 35	9 59	4 59	21 27	0 26	19 11	0 12	0 43	1 7	2 54	1 35	22 39	0 23	16 56	0 43	6 54	2 1	27 50	15 41	16 51	16 51	7 45		n.a.
M10	16 52	13 38	4 57	21 13	0 11	19 32	0 14	1 1	1 6	2 55	1 35	22 39	0 23	16 56	0 43	6 54	2 1	27 49	15 41	16 55	16 52	7 43		n.a.
T 11	17 8	16 42	4 40	20 58	0s 4	19 52	0 17	1 19	1 6	2 56	1 34	22 39	0 23	16 55	0 43	6 53	2 1	27 49	15 40	16 58	16 53	7 41		n.a.
W12	17 24	19 0	4 8	20 42	0 20	20 11	0 19	1 37	1 6	2 57	1 34	22 40	0 23	16 55	0 43	6 53	2 1	27 48	15 40	17 1	16 53	7 39		n.a.
T 13	17 40	20 19	3 23	20 24	0 36	20 30	0 21	1 55	1 5	2 57	1 34	22 40	0 23	16 55	0 43	6 52	2 1	27 48	15 39	17 3	16 54	7 37		n.a.
F 14	17 56	20 30	2 25	20 5	0 53	20 48	0 24	2 12	1 5	2 58	1 34	22 40	0 23	16 55	0 44	6 52	2 1	27 47	15 39	17 5	16 55	7 36		n.a.
S 15	18 11	19 30	1 19	19 46	1 10	21 6	0 26	2 30	1 5	2 58	1 33	22 41	0 23	16 55	0 44	6 51	2 1	27 47	15 38	17 5	16 56	7 34		n.a.
S 16	18 26	17 21	0 7	19 25	1 26	21 23	0 28	2 48	1 4	2 59	1 33	22 41	0 23	16 55	0 44	6 51	2 1	27 47	15 38	17 5	16 57	7 32		n.a.
M17	18 41	14 8	1s 7	19 4	1 43	21 40	0 31	3 5	1 4	2 59	1 33	22 41	0 24	16 55	0 44	6 50	2 1	27 46	15 38	17 5	16 58	7 30		n.a.
T 18	18 56	10 4	2 17	18 42	2 0	21 56	0 33	3 23	1 4	3 0	1 32	22 41	0 24	16 55	0 44	6 50	2 1	27 45	15 37	17 6	16 59	7 28		n.a.
W19	19 10	5 23	3 20	18 20	2 16	22 11	0 35	3 41	1 3	3 0	1 32	22 42	0 24	16 55	0 44	6 49	2 0	27 45	15 37	17 6	17 0	7 26		n.a.
T 20	19 24	0 22	4 10	17 58	2 32	22 26	0 38	3 58	1 3	3 0	1 32	22 42	0 24	16 55	0 44	6 49	2 0	27 44	15 36	17 8	17 1	7 24		n.a.
F 21	19 37	4n41	4 44	17 36	2 47	22 40	0 40	4 15	1 2	3 0	1 32	22 43	0 24	16 55	0 44	6 48	2 0	27 44	15 36	17 10	17 2	7 22		n.a.
S 22	19 51	9 28	5 0	17 15	3 2	22 53	0 42	4 33	1 2	3 0	1 31	22 43	0 24	16 55	0 44	6 48	2 0	27 43	15 35	17 13	17 3	7 20		n.a.
S 23	20 3	13 39	4 57	16 54	3 15	23 6	0 44	4 50	1 2	3 0	1 31	22 43	0 24	16 55	0 44	6 48	2 0	27 43	15 35	17 16	17 4	7 18		n.a.
M24	20 16	17 0	4 36	16 35	3 28	23 18	0 46	5 7	1 1	3 0	1 31	22 44	0 24	16 55	0 44	6 47	2 0	27 42	15 34	17 19	17 4	7 16		n.a.
T 25	20 28	19 19	3 59	16 16	3 39	23 30	0 49	5 24	1 1	3 0	1 30	22 44	0 24	16 55	0 44	6 47	2 0	27 42	15 34	17 22	17 5	7 14		n.a.
W26	20 40	20 29	3 10	15 59	3 49	23 40	0 51	5 41	1 0	3 0	1 30	22 45	0 25	16 55	0 44	6 46	2 0	27 41	15 34	17 24	17 6	7 12		n.a.
T 27	20 52	20 31	2 12	15 44	3 58	23 51	0 53	5 58	1 0	2 59	1 30	22 45	0 25	16 55	0 44	6 46	2 0	27 40	15 33	17 25	17 7	7 10		n.a.
F 28	21 3	19 30	1 9	15 30	4 5	24 0	0 55	6 15	0 59	2 59	1 30	22 46	0 25	16 55	0 44	6 46	2 0	27 40	15 33	17 26	17 8	7 8		n.a.
S 29	21 14	17 34	0 4	15 18	4 11	24 9	0 57	6 32	0 59	2 59	1 29	22 46	0 25	16 55	0 44	6 45	2 0	27 39	15 32	17 26	17 9	7 6		n.a.
S 30	21 24	14 54	1n 0	15 9	4 15	24 17	0 59	6 49	0 59	2 58	1 29	22 46	0 25	16 55	0 44	6 45	2 0	27 38	15 32	17 26	17 10	7 4		n.a.
M31	21n34	11n38	2n 1	15n 2	4s19	24n24	1n 1	7n 5	0s58	2n57	1n29	22s47	0s25	16s55	0s44	6s44	2n 0	27n38	15n31	17n26	17n11	7n 2		n.a.

Julian Day Number = 1717160.5, Delta T = 02h57m48s
Ecliptic obliquity = 23°41'41, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°13'23, Lahiri = - 4°06'22 Julian Calendar 1 May 12 BCE == Greg. Calendar 29 Apr. 012 BCE

The year -11 astronomical counting style corresponds to year 012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 12 BCE
geocentric

JUNE 12 BCE (-11) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 28 27	7♊ 9'32	16♍54	24°R43	22♊17	20♈56	26♍ 1	18°R43	15°R57	21°R49	25♌37	11°R48	12♌38	19♍37	n.a.	T 1
W 2	16 32 23	8° 6'38	28°45	24♉33	23°31	21°39	26° 3	18♉40	15♒57	21♎48	25°38	11♌46	12°35	19°44	n.a.	W 2
T 3	16 36 20	9° 3'44	10♎42	24°28	24°44	22°21	26° 4	18°37	15°56	21°47	25°39	11°41	12°32	19°51	n.a.	T 3
F 4	16 40 17	10° 0'50	22°49	24°D28	25°58	23° 4	26° 5	18°34	15°56	21°46	25°40	11°35	12°29	19°57	n.a.	F 4
S 5	16 44 13	10°57'55	5♏ 9	24°32	27°11	23°46	26° 7	18°31	15°55	21°45	25°41	11°26	12°25	20° 4	n.a.	S 5
S 6	16 48 10	11°55'01	17°45	24°41	28°24	24°28	26° 9	18°28	15°55	21°44	25°42	11°16	12°22	20°11	n.a.	S 6
M 7	16 52 6	12°52'07	0♐38	24°56	29°38	25°10	26°11	18°25	15°54	21°43	25°42	11° 6	12°19	20°17	n.a.	M 7
T 8	16 56 3	13°49'13	13°47	25°15	0♋51	25°53	26°13	18°21	15°53	21°42	25°43	10°57	12°16	20°24	n.a.	T 8
W 9	16 59 59	14°46'19	27°11	25°40	2° 5	26°35	26°16	18°18	15°53	21°41	25°44	10°49	12°13	20°31	n.a.	W 9
T 10	17 3 56	15°43'25	10♑48	26° 9	3°18	27°17	26°19	18°15	15°52	21°40	25°45	10°43	12°10	20°38	n.a.	T 10
F 11	17 7 53	16°40'32	24°35	26°44	4°31	27°58	26°21	18°11	15°51	21°40	25°46	10°40	12° 6	20°44	n.a.	F 11
S 12	17 11 49	17°37'39	8♒30	27°24	5°45	28°40	26°24	18° 8	15°50	21°39	25°47	10°D39	12° 3	20°51	n.a.	S 12
S 13	17 15 46	18°34'47	22°32	28° 8	6°58	29°22	26°27	18° 4	15°49	21°38	25°48	10°39	12° 0	20°58	n.a.	S 13
M14	17 19 42	19°31'55	6♓38	28°58	8°12	0♉ 4	26°31	18° 1	15°48	21°38	25°50	10°40	11°57	21° 4	n.a.	M14
T 15	17 23 39	20°29'04	20°47	29°52	9°25	0°45	26°34	17°57	15°47	21°37	25°51	10°R41	11°54	21°11	n.a.	T 15
W16	17 27 35	21°26'13	4♈58	0♊52	10°38	1°27	26°38	17°53	15°46	21°36	25°52	10°40	11°51	21°18	n.a.	W16
T 17	17 31 32	22°23'24	19° 9	1°56	11°52	2° 8	26°41	17°50	15°45	21°36	25°53	10°37	11°47	21°24	n.a.	T 17
F 18	17 35 28	23°20'35	3♉18	3° 5	13° 5	2°49	26°45	17°46	15°44	21°35	25°54	10°33	11°44	21°31	n.a.	F 18
S 19	17 39 25	24°17'47	17°21	4°18	14°18	3°31	26°49	17°42	15°43	21°35	25°56	10°26	11°41	21°38	n.a.	S 19
S 20	17 43 22	25°15'00	1♊14	5°36	15°32	4°12	26°54	17°38	15°41	21°34	25°57	10°19	11°38	21°44	n.a.	S 20
M21	17 47 18	26°12'13	14°55	6°59	16°45	4°53	26°58	17°34	15°40	21°34	25°58	10°12	11°35	21°51	n.a.	M21
T 22	17 51 15	27° 9'28	28°20	8°25	17°58	5°34	27° 3	17°30	15°39	21°33	25°59	10° 6	11°31	21°58	n.a.	T 22
W23	17 55 11	28° 6'42	11♋27	9°56	19°12	6°15	27° 7	17°26	15°37	21°33	26° 1	10° 1	11°28	22° 4	n.a.	W23
T 24	17 59 8	29° 3'58	24°15	11°31	20°25	6°56	27°12	17°22	15°36	21°32	26° 2	9°58	11°25	22°11	n.a.	T 24
F 25	18 3 4	0♋ 1'14	6♌46	13°10	21°38	7°37	27°17	17°18	15°35	21°32	26° 4	9°D57	11°22	22°18	n.a.	F 25
S 26	18 7 1	0°58'31	19° 1	14°53	22°51	8°17	27°23	17°13	15°33	21°32	26° 5	9°57	11°19	22°24	n.a.	S 26
S 27	18 10 57	1°55'48	1♍ 3	16°39	24° 5	8°58	27°28	17° 9	15°32	21°31	26° 6	9°58	11°16	22°31	n.a.	S 27
M28	18 14 54	2°53'05	12°58	18°28	25°18	9°39	27°33	17° 5	15°30	21°31	26° 8	10° 0	11°12	22°38	n.a.	M28
T 29	18 18 51	3°50'24	24°48	20°21	26°31	10°19	27°39	17° 1	15°29	21°31	26° 9	10° 1	11° 9	22°44	n.a.	T 29
W30	18 22 47	4♋47'43	6♎40	22♊16	27♋44	10♉59	27♍45	16♑56	15♒27	21♎31	26♌11	10°R 2	11♌ 6	22♍51	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n44	7n55	2n56	14n57	4s20	24n31	1n 3	7n22	0s58	2n57	1n28	22s47	0s25	16s56	0s44	6s44	2n 0	27n37	15n31	17n26	17n12	7n 0		n.a.
W 2	21 54	3 55	3 43	14 54	4 21	24 36	1 5	7 39	0 57	2 56	1 28	22 48	0 25	16 56	0 44	6 44	2 0	27 36	15 31	17 27	17 13	6 58		n.a.
T 3	22 3	0s16	4 21	14 54	4 20	24 42	1 6	7 55	0 57	2 55	1 28	22 48	0 26	16 56	0 44	6 43	2 0	27 36	15 30	17 28	17 14	6 56		n.a.
F 4	22 11	4 30	4 48	14 56	4 17	24 46	1 8	8 11	0 56	2 54	1 27	22 49	0 26	16 56	0 44	6 43	2 0	27 35	15 30	17 30	17 14	6 54		n.a.
S 5	22 20	8 38	5 3	15 0	4 14	24 50	1 10	8 27	0 56	2 53	1 27	22 50	0 26	16 56	0 44	6 43	2 0	27 34	15 29	17 32	17 15	6 52		n.a.
S 6	22 28	12 28	5 2	15 7	4 9	24 53	1 12	8 44	0 55	2 52	1 27	22 50	0 26	16 57	0 44	6 43	2 0	27 34	15 29	17 35	17 16	6 50		n.a.
M 7	22 35	15 49	4 47	15 16	4 3	24 55	1 13	9 0	0 55	2 51	1 27	22 51	0 26	16 57	0 44	6 42	2 0	27 33	15 28	17 38	17 17	6 48		n.a.
T 8	22 42	18 27	4 16	15 27	3 57	24 56	1 15	9 16	0 54	2 50	1 26	22 51	0 26	16 57	0 44	6 42	2 0	27 32	15 28	17 40	17 18	6 46		n.a.
W 9	22 49	20 9	3 31	15 40	3 49	24 57	1 16	9 31	0 54	2 49	1 26	22 52	0 26	16 57	0 45	6 42	1 59	27 32	15 28	17 42	17 19	6 44		n.a.
T 10	22 55	20 42	2 33	15 55	3 41	24 57	1 18	9 47	0 53	2 47	1 26	22 52	0 26	16 58	0 45	6 41	1 59	27 31	15 27	17 44	17 20	6 42		n.a.
F 11	23 1	20 2	1 25	16 12	3 32	24 56	1 19	10 3	0 53	2 46	1 25	22 53	0 27	16 58	0 45	6 41	1 59	27 30	15 27	17 45	17 21	6 40		n.a.
S 12	23 7	18 9	0 12	16 31	3 22	24 55	1 21	10 18	0 52	2 45	1 25	22 53	0 27	16 58	0 45	6 41	1 59	27 29	15 26	17 45	17 22	6 38		n.a.
S 13	23 12	15 9	1s 4	16 51	3 11	24 52	1 22	10 34	0 52	2 43	1 25	22 54	0 27	16 58	0 45	6 41	1 59	27 29	15 26	17 45	17 23	6 36		n.a.
M14	23 17	11 16	2 15	17 13	3 0	24 49	1 23	10 49	0 51	2 42	1 25	22 55	0 27	16 59	0 45	6 41	1 59	27 28	15 26	17 45	17 23	6 34		n.a.
T 15	23 21	6 44	3 19	17 36	2 48	24 45	1 24	11 4	0 50	2 40	1 24	22 55	0 27	16 59	0 45	6 40	1 59	27 27	15 25	17 45	17 24	6 31		n.a.
W16	23 25	1 50	4 11	18 0	2 36	24 41	1 25	11 19	0 50	2 38	1 24	22 56	0 27	16 59	0 45	6 40	1 59	27 26	15 25	17 45	17 25	6 29		n.a.
T 17	23 28	3n 9	4 47	18 25	2 24	24 36	1 27	11 34	0 49	2 36	1 24	22 57	0 27	17 0	0 45	6 40	1 59	27 25	15 24	17 46	17 26	6 27		n.a.
F 18	23 31	7 58	5 6	18 51	2 11	24 30	1 28	11 49	0 49	2 35	1 23	22 57	0 27	17 0	0 45	6 40	1 59	27 25	15 24	17 47	17 27	6 25		n.a.
S 19	23 34	12 18	5 6	19 18	1 58	24 23	1 29	12 4	0 48	2 33	1 23	22 58	0 27	17 1	0 45	6 40	1 59	27 24	15 24	17 49	17 28	6 23		n.a.
S 20	23 36	15 56	4 48	19 45	1 45	24 16	1 29	12 18	0 48	2 31	1 23	22 58	0 28	17 1	0 45	6 40	1 59	27 23	15 23	17 50	17 29	6 21		n.a.
M21	23 38	18 38	4 14	20 12	1 32	24 7	1 30	12 33	0 47	2 29	1 23	22 59	0 28	17 1	0 45	6 39	1 59	27 22	15 23	17 52	17 30	6 19		n.a.
T 22	23 40	20 15	3 26	20 39	1 18	23 59	1 31	12 47	0 46	2 27	1 22	23 0	0 28	17 2	0 45	6 39	1 59	27 21	15 23	17 54	17 31	6 17		n.a.
W23	23 41	20 44	2 28	21 7	1 5	23 49	1 32	13 2	0 46	2 24	1 22	23 0	0 28	17 2	0 45	6 39	1 59	27 21	15 22	17 56	17 31	6 15		n.a.
T 24	23 41	20 7	1 24	21 33	0 51	23 39	1 32	13 16	0 45	2 22	1 22	23 1	0 28	17 3	0 45	6 39	1 59	27 20	15 22	17 56	17 32	6 13		n.a.
F 25	23 42	18 30	0 17	21 59	0 38	23 28	1 33	13 30	0 45	2 20	1 21	23 2	0 28	17 3	0 45	6 39	1 59	27 19	15 22	17 57	17 33	6 11		n.a.
S 26	23 41	16 4	0n49	22 24	0 25	23 16	1 33	13 44	0 44	2 18	1 21	23 2	0 28	17 4	0 45	6 39	1 58	27 18	15 21	17 57	17 34	6 9		n.a.
S 27	23 41	12 58	1 53	22 48	0 13	23 4	1 34	13 57	0 43	2 15	1 21	23 3	0 28	17 4	0 45	6 39	1 58	27 17	15 21	17 56	17 35	6 7		n.a.
M28	23 40	9 23	2 50	23 11	0 1	22 51	1 34	14 11	0 43	2 13	1 21	23 4	0 28	17 5	0 45	6 39	1 58	27 16	15 21	17 56	17 36	6 5		n.a.
T 29	23 38	5 27	3 40	23 31	0n11	22 37	1 35	14 24	0 42	2 10	1 20	23 4	0 28	17 5	0 45	6 39	1 58	27 16	15 20	17 55	17 37	6 3		n.a.
W30	23n36	1n19	4n21	23n50	0n22	22n23	1n35	14n38	0s41	2n 8	1n20	23s 5	0s29	17s 6	0s45	6s39	1n58	27n15	15n20	17n55	17n38	6n 1		n.a.

Julian Day Number = 1717191.5, Delta T = 02h57m47s
Ecliptic obliquity = 23°41'40, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°13'18, Lahiri = - 4°06'18 Julian Calendar 1 June 12 BCE == Greg. Calendar 30 May 012 BCE

The year -11 astronomical counting style corresponds to year 012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 12 BCE
geocentric

JULY 12 BCE (-11) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 26 44	5♋45'02	18♎38	24♊13	28♋58	11♉40	27♍51	16°R52	15°R25	21°R30	26♏12	10°R 1	11♏ 3	22♍58	n.a.	T 1
F 2	18 30 40	6°42'22	0♏47	26°13	0♏11	12°20	27°57	16♑48	15♒24	21♎30	26°14	9♏58	11° 0	23° 4	n.a.	F 2
S 3	18 34 37	7°39'43	13°11	28°14	1°24	13° 0	28° 3	16°43	15°22	21°30	26°16	9°55	10°57	23°11	n.a.	S 3
S 4	18 38 33	8°37'05	25°53	0♋17	2°37	13°40	28°10	16°39	15°20	21°30	26°17	9°50	10°53	23°18	n.a.	S 4
M 5	18 42 30	9°34'28	8♐56	2°20	3°50	14°20	28°16	16°34	15°18	21°30	26°19	9°45	10°50	23°24	n.a.	M 5
T 6	18 46 26	10°31'51	22°19	4°25	5° 3	15° 0	28°23	16°30	15°17	21°D30	26°21	9°41	10°47	23°31	n.a.	T 6
W 7	18 50 23	11°29'16	6♑ 2	6°29	6°16	15°39	28°29	16°25	15°15	21°30	26°22	9°37	10°44	23°38	n.a.	W 7
T 8	18 54 20	12°26'42	20° 2	8°34	7°30	16°19	28°36	16°21	15°13	21°30	26°24	9°35	10°41	23°45	n.a.	T 8
F 9	18 58 16	13°24'09	4♒15	10°39	8°43	16°59	28°43	16°16	15°11	21°30	26°26	9°D34	10°37	23°51	n.a.	F 9
S 10	19 2 13	14°21'37	18°36	12°43	9°56	17°38	28°51	16°12	15° 9	21°30	26°27	9°34	10°34	23°58	n.a.	S 10
S 11	19 6 9	15°19'06	3♓ 1	14°46	11° 9	18°17	28°58	16° 7	15° 7	21°30	26°29	9°35	10°31	24° 5	n.a.	S 11
M12	19 10 6	16°16'37	17°25	16°49	12°22	18°57	29° 5	16° 3	15° 5	21°31	26°31	9°36	10°28	24°11	n.a.	M12
T 13	19 14 2	17°14'09	1♈46	18°51	13°35	19°36	29°13	15°59	15° 3	21°31	26°33	9°37	10°25	24°18	n.a.	T 13
W14	19 17 59	18°11'43	15°59	20°52	14°48	20°15	29°21	15°54	15° 1	21°31	26°35	9°R38	10°22	24°25	n.a.	W14
T 15	19 21 55	19° 9'19	0♉ 3	22°52	16° 1	20°54	29°28	15°50	14°59	21°31	26°36	9°38	10°18	24°31	n.a.	T 15
F 16	19 25 52	20° 6'56	13°57	24°50	17°14	21°33	29°36	15°45	14°57	21°32	26°38	9°36	10°15	24°38	n.a.	F 16
S 17	19 29 49	21° 4'35	27°38	26°47	18°27	22°12	29°44	15°41	14°55	21°32	26°40	9°34	10°12	24°45	n.a.	S 17
S 18	19 33 45	22° 2'16	11♊ 7	28°43	19°40	22°51	29°53	15°36	14°53	21°32	26°42	9°32	10° 9	24°51	n.a.	S 18
M19	19 37 42	22°59'58	24°22	0♏38	20°52	23°29	0♎ 1	15°32	14°50	21°33	26°44	9°30	10° 6	24°58	n.a.	M19
T 20	19 41 38	23°57'42	7♋23	2°31	22° 5	24° 8	0° 9	15°27	14°48	21°33	26°46	9°28	10° 3	25° 5	n.a.	T 20
W21	19 45 35	24°55'27	20° 9	4°23	23°18	24°46	0°18	15°23	14°46	21°34	26°48	9°26	9°59	25°11	n.a.	W21
T 22	19 49 31	25°53'14	2♏42	6°13	24°31	25°25	0°27	15°18	14°44	21°34	26°50	9°26	9°56	25°18	n.a.	T 22
F 23	19 53 28	26°51'03	15° 1	8° 2	25°44	26° 3	0°35	15°14	14°42	21°35	26°52	9°D25	9°53	25°25	n.a.	F 23
S 24	19 57 25	27°48'53	27° 9	9°50	26°57	26°41	0°44	15°10	14°39	21°35	26°54	9°26	9°50	25°32	n.a.	S 24
S 25	20 1 21	28°46'44	9♍ 8	11°36	28°10	27°19	0°53	15° 5	14°37	21°36	26°56	9°27	9°47	25°38	n.a.	S 25
M26	20 5 18	29°44'36	21° 1	13°21	29°22	27°57	1° 2	15° 1	14°35	21°37	26°58	9°28	9°43	25°45	n.a.	M26
T 27	20 9 14	0♏42'30	2♎51	15° 4	0♍35	28°35	1°12	14°57	14°32	21°37	27° 0	9°29	9°40	25°52	n.a.	T 27
W28	20 13 11	1°40'26	14°42	16°46	1°48	29°12	1°21	14°53	14°30	21°38	27° 2	9°30	9°37	25°58	n.a.	W28
T 29	20 17 7	2°38'23	26°39	18°27	3° 1	29°50	1°30	14°49	14°28	21°39	27° 4	9°30	9°34	26° 5	n.a.	T 29
F 30	20 21 4	3°36'21	8♏47	20° 7	4°13	0♊27	1°40	14°44	14°25	21°39	27° 6	9°R30	9°31	26°12	n.a.	F 30
S 31	20 25 0	4♏34'21	21♏ 9	21♏45	5♍26	1♊ 5	1♎49	14♑40	14♒23	21♎40	27♏ 8	9♏30	9♏28	26♍18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n34	2s54	4n51	24n 7	0n33	22n 8	1n35	14n51	0s41	2n 5	1n20	23s 6	0s29	17s 6	0s45	6s39	1n58	27n14	15n20	17n56	17n39	5n59			n.a.
F 2	23 31	7 3	5 8	24 22	0 43	21 52	1 35	15 4	0 40	2 2	1 20	23 6	0 29	17 7	0 45	6 39	1 58	27 13	15 19	17 56	17 39	5 57			n.a.
S 3	23 28	11 0	5 12	24 34	0 53	21 36	1 35	15 17	0 39	2 0	1 19	23 7	0 29	17 7	0 45	6 39	1 58	27 12	15 19	17 57	17 40	5 54			n.a.
S 4	23 25	14 34	5 0	24 43	1 2	21 19	1 35	15 30	0 39	1 57	1 19	23 7	0 29	17 8	0 45	6 39	1 58	27 11	15 19	17 58	17 41	5 52			n.a.
M 5	23 21	17 32	4 33	24 50	1 9	21 2	1 35	15 42	0 38	1 54	1 19	23 8	0 29	17 8	0 45	6 39	1 58	27 10	15 18	18 0	17 42	5 50			n.a.
T 6	23 16	19 38	3 50	24 54	1 17	20 44	1 35	15 55	0 37	1 51	1 19	23 9	0 29	17 9	0 45	6 39	1 58	27 10	15 18	18 1	17 43	5 48			n.a.
W 7	23 12	20 40	2 54	24 55	1 23	20 25	1 34	16 7	0 37	1 48	1 18	23 9	0 29	17 9	0 45	6 39	1 58	27 9	15 18	18 2	17 44	5 46			n.a.
T 8	23 6	20 27	1 45	24 54	1 29	20 6	1 34	16 19	0 36	1 45	1 18	23 10	0 29	17 10	0 45	6 39	1 58	27 8	15 17	18 3	17 45	5 44			n.a.
F 9	23 1	18 56	0 29	24 49	1 34	19 47	1 33	16 31	0 35	1 42	1 18	23 11	0 29	17 11	0 45	6 39	1 58	27 7	15 17	18 3	17 46	5 42			n.a.
S 10	22 55	16 12	0s50	24 42	1 38	19 26	1 33	16 43	0 34	1 39	1 18	23 11	0 30	17 11	0 45	6 39	1 58	27 6	15 17	18 3	17 46	5 40			n.a.
S 11	22 48	12 27	2 6	24 33	1 41	19 6	1 32	16 55	0 34	1 36	1 17	23 12	0 30	17 12	0 46	6 39	1 58	27 5	15 17	18 3	17 47	5 38			n.a.
M12	22 41	7 59	3 14	24 20	1 44	18 44	1 32	17 7	0 33	1 33	1 17	23 13	0 30	17 12	0 46	6 40	1 57	27 4	15 16	18 2	17 48	5 36			n.a.
T 13	22 34	3 6	4 9	24 6	1 46	18 23	1 31	17 18	0 32	1 29	1 17	23 13	0 30	17 13	0 46	6 40	1 57	27 3	15 16	18 2	17 49	5 34			n.a.
W14	22 27	1n55	4 49	23 49	1 47	18 0	1 30	17 30	0 31	1 26	1 17	23 14	0 30	17 14	0 46	6 40	1 57	27 2	15 16	18 2	17 50	5 32			n.a.
T 15	22 19	6 46	5 11	23 30	1 48	17 38	1 29	17 41	0 31	1 23	1 16	23 15	0 30	17 14	0 46	6 40	1 57	27 2	15 16	18 2	17 51	5 29			n.a.
F 16	22 10	11 11	5 14	23 9	1 47	17 14	1 28	17 52	0 30	1 19	1 16	23 15	0 30	17 15	0 46	6 40	1 57	27 1	15 15	18 2	17 52	5 27			n.a.
S 17	22 1	14 58	5 0	22 46	1 47	16 51	1 27	18 3	0 29	1 16	1 16	23 16	0 30	17 16	0 46	6 40	1 57	27 0	15 15	18 3	17 52	5 25			n.a.
S 18	21 52	17 55	4 29	22 21	1 45	16 26	1 26	18 13	0 28	1 12	1 16	23 16	0 30	17 16	0 46	6 41	1 57	26 59	15 15	18 3	17 53	5 23			n.a.
M19	21 43	19 51	3 44	21 55	1 44	16 2	1 25	18 24	0 28	1 9	1 15	23 17	0 30	17 17	0 46	6 41	1 57	26 58	15 15	18 4	17 54	5 21			n.a.
T 20	21 33	20 41	2 48	21 27	1 41	15 37	1 24	18 34	0 27	1 5	1 15	23 18	0 30	17 18	0 46	6 41	1 57	26 57	15 15	18 4	17 55	5 19			n.a.
W21	21 22	20 26	1 45	20 58	1 38	15 11	1 22	18 45	0 26	1 2	1 15	23 18	0 31	17 18	0 46	6 41	1 57	26 56	15 14	18 5	17 56	5 17			n.a.
T 22	21 12	19 10	0 37	20 27	1 35	14 46	1 21	18 55	0 25	0 58	1 15	23 19	0 31	17 19	0 46	6 42	1 57	26 55	15 14	18 5	17 57	5 15			n.a.
F 23	21 1	17 0	0n31	19 55	1 31	14 19	1 20	19 5	0 24	0 54	1 15	23 19	0 31	17 20	0 46	6 42	1 57	26 54	15 14	18 5	17 58	5 13			n.a.
S 24	20 49	14 6	1 37	19 23	1 27	13 53	1 18	19 14	0 24	0 50	1 14	23 20	0 31	17 20	0 46	6 42	1 57	26 54	15 14	18 5	17 59	5 10			n.a.
S 25	20 37	10 39	2 37	18 49	1 23	13 26	1 16	19 24	0 23	0 47	1 14	23 20	0 31	17 21	0 46	6 42	1 57	26 53	15 14	18 5	17 59	5 8			n.a.
M26	20 25	6 49	3 31	18 14	1 18	12 59	1 15	19 33	0 22	0 43	1 14	23 21	0 31	17 22	0 46	6 43	1 57	26 52	15 13	18 4	18 0	5 6			n.a.
T 27	20 13	2 45	4 15	17 39	1 13	12 31	1 13	19 43	0 21	0 39	1 14	23 22	0 31	17 22	0 46	6 43	1 56	26 51	15 13	18 4	18 1	5 4			n.a.
W28	20 0	1s26	4 48	17 2	1 7	12 3	1 11	19 52	0 20	0 35	1 14	23 22	0 31	17 23	0 46	6 43	1 56	26 50	15 13	18 4	18 2	5 2			n.a.
T 29	19 47	5 35	5 9	16 26	1 1	11 35	1 9	20 1	0 19	0 31	1 13	23 23	0 31	17 24	0 46	6 44	1 56	26 49	15 13	18 4	18 3	5 0			n.a.
F 30	19 33	9 34	5 17	15 48	0 55	11 6	1 7	20 10	0 19	0 27	1 13	23 23	0 31	17 25	0 46	6 44	1 56	26 48	15 13	18 4	18 4	4 58			n.a.
S 31	19n19	13s14	5n11	15n10	0n49	10n38	1n 5	20n18	0s18	0n23	1n13	23s24	0s31	17s25	0s46	6s44	1n56	26n47	15n13	18n 4	18n 5	4n56			n.a.

Julian Day Number = 1717221.5, Delta T = 02h57m46s
Ecliptic obliquity = 23°41'40, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°13'14, Lahiri = - 4°06'14 Julian Calendar 1 July 12 BCE == Greg. Calendar 29 June 012 BCE

The year -11 astronomical counting style corresponds to year 012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 12 BCE
geocentric

AUGUST 12 BCE (-11) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 28 57	5♌32'22	3♐51	23♌22	6♍38	1♊42	1♎59	14°R36	14°R21	21♎41	27♌10	9°R29	9♌24	26♍25	n.a.	S 1
M 2	20 32 53	6°30'25	16°55	24°57	7°51	2°19	2° 9	14♑32	14♒18	21°42	27°12	9♌29	9°21	26°32	n.a.	M 2
T 3	20 36 50	7°28'29	0♑23	26°32	9° 4	2°56	2°19	14°28	14°16	21°43	27°14	9°29	9°18	26°38	n.a.	T 3
W 4	20 40 47	8°26'35	14°15	28° 5	10°16	3°33	2°29	14°24	14°14	21°44	27°17	9°28	9°15	26°45	n.a.	W 4
T 5	20 44 43	9°24'43	28°31	29°36	11°29	4°10	2°39	14°20	14°11	21°45	27°19	9°D28	9°12	26°52	n.a.	T 5
F 6	20 48 40	10°22'52	13♒ 4	1♍ 7	12°41	4°46	2°49	14°17	14° 9	21°46	27°21	9°R28	9° 8	26°58	n.a.	F 6
S 7	20 52 36	11°21'03	27°51	2°36	13°54	5°23	2°59	14°13	14° 6	21°47	27°23	9°28	9° 5	27° 5	n.a.	S 7
S 8	20 56 33	12°19'16	12♓42	4° 4	15° 6	5°59	3°10	14° 9	14° 4	21°48	27°25	9°28	9° 2	27°12	n.a.	S 8
M 9	21 0 29	13°17'31	27°31	5°31	16°18	6°36	3°20	14° 6	14° 2	21°49	27°27	9°28	8°59	27°19	n.a.	M 9
T 10	21 4 26	14°15'48	12♈11	6°56	17°31	7°12	3°31	14° 2	13°59	21°50	27°29	9°27	8°56	27°25	n.a.	T 10
W11	21 8 22	15°14'08	26°37	8°20	18°43	7°48	3°41	13°59	13°57	21°51	27°32	9°27	8°53	27°32	n.a.	W11
T 12	21 12 19	16°12'30	10♉45	9°43	19°55	8°24	3°52	13°55	13°54	21°52	27°34	9°D27	8°49	27°39	n.a.	T 12
F 13	21 16 16	17°10'53	24°34	11° 4	21° 8	9° 0	4° 3	13°52	13°52	21°53	27°36	9°27	8°46	27°45	n.a.	F 13
S 14	21 20 12	18° 9'20	8♊ 3	12°24	22°20	9°35	4°14	13°48	13°50	21°54	27°38	9°27	8°43	27°52	n.a.	S 14
S 15	21 24 9	19° 7'48	21°15	13°42	23°32	10°11	4°25	13°45	13°47	21°56	27°40	9°28	8°40	27°59	n.a.	S 15
M16	21 28 5	20° 6'19	4♋ 9	14°59	24°44	10°46	4°36	13°42	13°45	21°57	27°43	9°29	8°37	28° 5	n.a.	M16
T 17	21 32 2	21° 4'52	16°49	16°14	25°56	11°21	4°47	13°39	13°42	21°58	27°45	9°30	8°34	28°12	n.a.	T 17
W18	21 35 58	22° 3'27	29°17	17°28	27° 8	11°57	4°58	13°36	13°40	21°59	27°47	9°31	8°30	28°19	n.a.	W18
T 19	21 39 55	23° 2'04	11♌33	18°40	28°20	12°32	5° 9	13°33	13°38	22° 1	27°49	9°R31	8°27	28°25	n.a.	T 19
F 20	21 43 51	24° 0'43	23°40	19°50	29°33	13° 6	5°21	13°30	13°35	22° 2	27°52	9°30	8°24	28°32	n.a.	F 20
S 21	21 47 48	24°59'25	5♍40	20°58	0♎45	13°41	5°32	13°27	13°33	22° 4	27°54	9°29	8°21	28°39	n.a.	S 21
S 22	21 51 45	25°58'08	17°34	22° 4	1°57	14°16	5°43	13°24	13°31	22° 5	27°56	9°27	8°18	28°45	n.a.	S 22
M23	21 55 41	26°56'53	29°25	23° 8	3° 8	14°50	5°55	13°22	13°28	22° 6	27°58	9°24	8°14	28°52	n.a.	M23
T 24	21 59 38	27°55'40	11♎14	24° 9	4°20	15°24	6° 7	13°19	13°26	22° 8	28° 1	9°21	8°11	28°59	n.a.	T 24
W25	22 3 34	28°54'29	23° 5	25° 9	5°32	15°58	6°18	13°17	13°24	22° 9	28° 3	9°18	8° 8	29° 6	n.a.	W25
T 26	22 7 31	29°53'20	5♏ 2	26° 5	6°44	16°32	6°30	13°14	13°21	22°11	28° 5	9°16	8° 5	29°12	n.a.	T 26
F 27	22 11 27	0♍52'13	17° 7	26°58	7°56	17° 6	6°42	13°12	13°19	22°12	28° 7	9°14	8° 2	29°19	n.a.	F 27
S 28	22 15 24	1°51'08	29°26	27°49	9° 7	17°40	6°54	13°10	13°17	22°14	28° 9	9°D14	7°59	29°26	n.a.	S 28
S 29	22 19 20	2°50'04	12♐ 3	28°36	10°19	18°13	7° 6	13° 8	13°15	22°16	28°12	9°14	7°55	29°32	n.a.	S 29
M30	22 23 17	3°49'03	25° 1	29°19	11°31	18°47	7°18	13° 6	13°12	22°17	28°14	9°15	7°52	29°39	n.a.	M30
T 31	22 27 13	4♍48'03	8♑24	29♍58	12♎42	19♊20	7♎30	13♑ 4	13♒10	22♎19	28♌16	9♌16	7♌49	29♍46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	19n 5	16s25	4n49	14n32	0n42	10n 9	1n 3	20n27	0s17	0n19	1n13	23s24	0s31	17s26	0s46	6s45	1n56	26n46	15n13	18n 4	18n 5	4n53			n.a.
M 2	18 51	18 51	4 12	13 53	0 35	9 39	1 1	20 35	0 16	0 15	1 13	23 25	0 31	17 27	0 46	6 45	1 56	26 46	15 12	18 4	18 6	4 51			n.a.
T 3	18 36	20 21	3 21	13 15	0 28	9 10	0 59	20 43	0 15	0 11	1 12	23 25	0 31	17 27	0 46	6 46	1 56	26 45	15 12	18 4	18 7	4 49			n.a.
W 4	18 21	20 41	2 16	12 35	0 21	8 40	0 56	20 51	0 14	0 6	1 12	23 26	0 32	17 28	0 46	6 46	1 56	26 44	15 12	18 4	18 8	4 47			n.a.
T 5	18 5	19 41	1 1	11 56	0 13	8 10	0 54	20 59	0 13	0 2	1 12	23 26	0 32	17 29	0 46	6 46	1 56	26 43	15 12	18 4	18 9	4 45			n.a.
F 6	17 50	17 23	0s20	11 17	0 5	7 40	0 52	21 7	0 12	0s 2	1 12	23 27	0 32	17 29	0 46	6 47	1 56	26 42	15 12	18 4	18 10	4 43			n.a.
S 7	17 33	13 55	1 40	10 37	0s 2	7 9	0 49	21 14	0 11	0 6	1 12	23 27	0 32	17 30	0 46	6 47	1 56	26 41	15 12	18 4	18 10	4 41			n.a.
S 8	17 17	9 32	2 54	9 58	0 10	6 39	0 47	21 22	0 11	0 11	1 11	23 28	0 32	17 31	0 46	6 48	1 56	26 40	15 12	18 4	18 11	4 38			n.a.
M 9	17 0	4 36	3 56	9 18	0 18	6 8	0 44	21 29	0 10	0 15	1 11	23 28	0 32	17 32	0 46	6 48	1 56	26 39	15 12	18 4	18 12	4 36			n.a.
T 10	16 44	0n33	4 42	8 39	0 26	5 37	0 41	21 36	0 9	0 20	1 11	23 29	0 32	17 32	0 46	6 49	1 56	26 39	15 12	18 5	18 13	4 34			n.a.
W11	16 26	5 34	5 9	8 0	0 35	5 6	0 39	21 43	0 8	0 24	1 11	23 29	0 32	17 33	0 46	6 49	1 56	26 38	15 12	18 5	18 14	4 32			n.a.
T 12	16 9	10 11	5 17	7 21	0 43	4 35	0 36	21 50	0 7	0 28	1 11	23 29	0 32	17 34	0 46	6 49	1 55	26 37	15 12	18 5	18 15	4 30			n.a.
F 13	15 51	14 10	5 6	6 42	0 51	4 4	0 33	21 56	0 6	0 33	1 11	23 30	0 32	17 34	0 46	6 50	1 55	26 36	15 12	18 5	18 16	4 28			n.a.
S 14	15 33	17 18	4 39	6 4	1 0	3 32	0 30	22 3	0 5	0 37	1 10	23 30	0 32	17 35	0 46	6 50	1 55	26 35	15 12	18 5	18 16	4 26			n.a.
S 15	15 15	19 28	3 57	5 26	1 8	3 1	0 27	22 9	0 4	0 42	1 10	23 31	0 32	17 36	0 46	6 51	1 55	26 34	15 12	18 4	18 17	4 23			n.a.
M16	14 56	20 34	3 4	4 48	1 17	2 29	0 24	22 15	0 3	0 47	1 10	23 31	0 32	17 36	0 46	6 52	1 55	26 34	15 12	18 4	18 18	4 21			n.a.
T 17	14 37	20 36	2 2	4 11	1 25	1 57	0 21	22 21	0 2	0 51	1 10	23 31	0 32	17 37	0 46	6 52	1 55	26 33	15 12	18 4	18 19	4 19			n.a.
W18	14 18	19 36	0 56	3 34	1 34	1 26	0 18	22 27	0 1	0 56	1 10	23 32	0 32	17 38	0 46	6 53	1 55	26 32	15 12	18 4	18 20	4 17			n.a.
T 19	13 59	17 41	0n11	2 58	1 42	0 54	0 15	22 32	0n 0	1 0	1 10	23 32	0 32	17 39	0 46	6 53	1 55	26 31	15 12	18 4	18 21	4 15			n.a.
F 20	13 40	15 0	1 18	2 23	1 50	0 22	0 12	22 38	0 1	1 5	1 9	23 32	0 32	17 39	0 46	6 54	1 55	26 30	15 12	18 4	18 21	4 13			n.a.
S 21	13 20	11 42	2 20	1 48	1 59	0s10	0 9	22 43	0 2	1 10	1 9	23 33	0 33	17 40	0 46	6 54	1 55	26 30	15 12	18 4	18 22	4 10			n.a.
S 22	13 0	7 57	3 15	1 14	2 7	0 42	0 5	22 49	0 3	1 14	1 9	23 33	0 33	17 41	0 46	6 55	1 55	26 29	15 12	18 5	18 23	4 8			n.a.
M23	12 40	3 56	4 2	0 41	2 15	1 14	0 2	22 54	0 4	1 19	1 9	23 33	0 33	17 41	0 46	6 55	1 55	26 28	15 12	18 5	18 24	4 6			n.a.
T 24	12 19	0s14	4 38	0 10	2 23	1 46	0s 1	22 58	0 5	1 24	1 9	23 34	0 33	17 42	0 46	6 56	1 55	26 27	15 12	18 6	18 25	4 4			n.a.
W25	11 59	4 23	5 3	0s21	2 31	2 17	0 4	23 3	0 6	1 29	1 9	23 34	0 33	17 43	0 46	6 57	1 55	26 26	15 12	18 7	18 26	4 2			n.a.
T 26	11 38	8 24	5 14	0 51	2 38	2 49	0 8	23 8	0 7	1 34	1 9	23 34	0 33	17 43	0 46	6 57	1 55	26 26	15 12	18 8	18 26	3 59			n.a.
F 27	11 17	12 8	5 12	1 19	2 46	3 21	0 11	23 12	0 9	1 38	1 8	23 35	0 33	17 44	0 46	6 58	1 55	26 25	15 12	18 8	18 27	3 57			n.a.
S 28	10 56	15 26	4 56	1 46	2 53	3 53	0 15	23 17	0 10	1 43	1 8	23 35	0 33	17 45	0 46	6 59	1 55	26 24	15 12	18 8	18 28	3 55			n.a.
S 29	10 34	18 6	4 25	2 11	3 0	4 24	0 18	23 21	0 11	1 48	1 8	23 35	0 33	17 45	0 46	6 59	1 55	26 23	15 12	18 8	18 29	3 53			n.a.
M30	10 13	19 56	3 40	2 34	3 6	4 56	0 22	23 25	0 12	1 53	1 8	23 35	0 33	17 46	0 46	7 0	1 55	26 23	15 12	18 8	18 30	3 51			n.a.
T 31	9n51	20s44	2n42	2s55	3s12	5s27	0s25	23n29	0n13	1s58	1n 8	23s36	0s33	17s46	0s46	7s 1	1n54	26n22	15n12	18n 8	18n31	3n49			n.a.

Julian Day Number = 1717252.5, Delta T = 02h57m45s
Ecliptic obliquity = 23°41'41, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°13'10, Lahiri = - 4°06'10 Julian Calendar 1 Aug. 12 BCE == Greg. Calendar 30 July 012 BCE

The year -11 astronomical counting style corresponds to year 012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 12 BCE
geocentric

SEPTEMBER 12 BCE (-11) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 31 10	5♍47'05	22♉14	0♎33	13♎54	19♊53	7♎42	13°R 2	13°R 8	22♎21	28♌18	9♌18	7♌46	29♍52	n.a.	W 1
T 2	22 35 7	6°46'10	6♒32	1° 4	15° 5	20°25	7°54	13♉ 0	13♒ 6	22°22	28°21	9°R19	7°43	29°59	n.a.	T 2
F 3	22 39 3	7°45'16	21°14	1°29	16°17	20°58	8° 6	12°59	13° 4	22°24	28°23	9°18	7°40	0♎ 6	n.a.	F 3
S 4	22 43 0	8°44'24	6♓14	1°48	17°28	21°30	8°18	12°57	13° 2	22°26	28°25	9°16	7°36	0°12	n.a.	S 4
S 5	22 46 56	9°43'34	21°25	2° 2	18°39	22° 3	8°31	12°56	13° 0	22°27	28°27	9°13	7°33	0°19	n.a.	S 5
M 6	22 50 53	10°42'46	6♈37	2°10	19°51	22°35	8°43	12°54	12°58	22°29	28°29	9° 9	7°30	0°26	n.a.	M 6
T 7	22 54 49	11°42'01	21°39	2°R10	21° 2	23° 7	8°55	12°53	12°56	22°31	28°32	9° 4	7°27	0°33	n.a.	T 7
W 8	22 58 46	12°41'17	6♉23	2° 3	22°13	23°38	9° 8	12°52	12°54	22°33	28°34	9° 0	7°24	0°39	n.a.	W 8
T 9	23 2 42	13°40'37	20°44	1°49	23°24	24°10	9°20	12°51	12°52	22°35	28°36	8°56	7°20	0°46	n.a.	T 9
F 10	23 6 39	14°39'59	4♊38	1°26	24°35	24°41	9°33	12°50	12°50	22°37	28°38	8°55	7°17	0°53	n.a.	F 10
S 11	23 10 36	15°39'23	18° 7	0°56	25°46	25°12	9°45	12°49	12°48	22°38	28°40	8°D54	7°14	0°59	n.a.	S 11
S 12	23 14 32	16°38'50	1♋11	0°17	26°57	25°43	9°58	12°48	12°46	22°40	28°42	8°55	7°11	1° 6	n.a.	S 12
M13	23 18 29	17°38'19	13°54	29♍31	28° 8	26°14	10°11	12°47	12°44	22°42	28°45	8°56	7° 8	1°13	n.a.	M13
T 14	23 22 25	18°37'51	26°21	28°36	29°19	26°45	10°23	12°47	12°42	22°44	28°47	8°58	7° 5	1°19	n.a.	T 14
W15	23 26 22	19°37'25	8♌34	27°36	0♏30	27°15	10°36	12°46	12°41	22°46	28°49	8°R59	7° 1	1°26	n.a.	W15
T 16	23 30 18	20°37'01	20°38	26°29	1°40	27°45	10°49	12°46	12°39	22°48	28°51	8°58	6°58	1°33	n.a.	T 16
F 17	23 34 15	21°36'39	2♍35	25°18	2°51	28°15	11° 2	12°46	12°37	22°50	28°53	8°55	6°55	1°40	n.a.	F 17
S 18	23 38 11	22°36'20	14°28	24° 5	4° 1	28°45	11°14	12°45	12°35	22°52	28°55	8°50	6°52	1°46	n.a.	S 18
S 19	23 42 8	23°36'03	26°19	22°52	5°12	29°14	11°27	12°D45	12°34	22°54	28°57	8°43	6°49	1°53	n.a.	S 19
M20	23 46 4	24°35'47	8♎ 9	21°39	6°22	29°43	11°40	12°45	12°32	22°56	28°59	8°35	6°45	2° 0	n.a.	M20
T 21	23 50 1	25°35'34	20° 1	20°31	7°33	0♋12	11°53	12°45	12°31	22°58	29° 1	8°25	6°42	2° 6	n.a.	T 21
W22	23 53 58	26°35'23	1♏55	19°29	8°43	0°41	12° 6	12°46	12°29	23° 0	29° 3	8°16	6°39	2°13	n.a.	W22
T 23	23 57 54	27°35'14	13°54	18°34	9°53	1° 9	12°19	12°46	12°28	23° 2	29° 5	8° 7	6°36	2°20	n.a.	T 23
F 24	0 1 51	28°35'06	26° 2	17°49	11° 3	1°37	12°32	12°46	12°26	23° 4	29° 7	8° 1	6°33	2°26	n.a.	F 24
S 25	0 5 47	29°35'01	8♐20	17°14	12°13	2° 5	12°45	12°47	12°25	23° 6	29° 9	7°56	6°30	2°33	n.a.	S 25
S 26	0 9 44	0♎34'57	20°53	16°49	13°23	2°33	12°58	12°48	12°23	23° 9	29°11	7°54	6°26	2°40	n.a.	S 26
M27	0 13 40	1°34'55	3♉44	16°37	14°33	3° 0	13°11	12°48	12°22	23°11	29°13	7°D53	6°23	2°47	n.a.	M27
T 28	0 17 37	2°34'55	16°58	16°D35	15°43	3°27	13°24	12°49	12°21	23°13	29°15	7°54	6°20	2°53	n.a.	T 28
W29	0 21 33	3°34'56	0♒37	16°45	16°53	3°54	13°38	12°50	12°19	23°15	29°17	7°R55	6°17	3° 0	n.a.	W29
T 30	0 25 30	4♎34'59	14♒44	17♍ 5	18♏ 2	4♋21	13♎51	12♉51	12♒18	23♎17	29♌19	7♌55	6♌14	3♎ 7	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	9n29	20s19	1n32	3s14	3s18	5s59	0s29	23n32	0n14	2s 3	1n 8	23s36	0s33	17s47	0s46	7s 1	1n54	26n21	15n12	18n 7	18n31	3n46		n.a.
T 2	9 7	18 36	0 15	3 31	3 23	6 30	0 32	23 36	0 15	2 8	1 8	23 36	0 33	17 48	0 46	7 2	1 54	26 21	15 12	18 7	18 32	3 44		n.a.
F 3	8 45	15 36	1s 5	3 45	3 27	7 1	0 36	23 39	0 16	2 13	1 7	23 36	0 33	17 48	0 46	7 3	1 54	26 20	15 13	18 7	18 33	3 42		n.a.
S 4	8 23	11 31	2 22	3 56	3 31	7 32	0 39	23 43	0 18	2 18	1 7	23 36	0 33	17 49	0 46	7 3	1 54	26 19	15 13	18 8	18 34	3 40		n.a.
S 5	8 0	6 39	3 30	4 4	3 33	8 3	0 43	23 46	0 19	2 23	1 7	23 37	0 33	17 49	0 46	7 4	1 54	26 18	15 13	18 8	18 35	3 38		n.a.
M 6	7 38	1 22	4 24	4 9	3 35	8 34	0 47	23 49	0 20	2 28	1 7	23 37	0 33	17 50	0 46	7 5	1 54	26 18	15 13	18 10	18 36	3 35		n.a.
T 7	7 15	3n56	4 58	4 10	3 36	9 4	0 50	23 52	0 21	2 33	1 7	23 37	0 33	17 51	0 46	7 5	1 54	26 17	15 13	18 11	18 36	3 33		n.a.
W 8	6 52	8 53	5 12	4 7	3 36	9 34	0 54	23 55	0 22	2 38	1 7	23 37	0 33	17 51	0 46	7 6	1 54	26 16	15 13	18 12	18 37	3 31		n.a.
T 9	6 29	13 13	5 6	4 0	3 34	10 4	0 57	23 58	0 24	2 43	1 7	23 37	0 33	17 52	0 46	7 7	1 54	26 16	15 13	18 13	18 38	3 29		n.a.
F 10	6 6	16 41	4 41	3 48	3 31	10 34	1 1	24 0	0 25	2 48	1 7	23 37	0 33	17 52	0 46	7 8	1 54	26 15	15 14	18 13	18 39	3 27		n.a.
S 11	5 43	19 8	4 2	3 31	3 26	11 4	1 5	24 3	0 26	2 53	1 7	23 37	0 33	17 53	0 46	7 8	1 54	26 15	15 14	18 13	18 40	3 24		n.a.
S 12	5 20	20 30	3 11	3 9	3 19	11 33	1 8	24 5	0 27	2 58	1 6	23 38	0 33	17 53	0 46	7 9	1 54	26 14	15 14	18 13	18 40	3 22		n.a.
M13	4 56	20 46	2 12	2 43	3 11	12 2	1 12	24 7	0 29	3 3	1 6	23 38	0 33	17 54	0 46	7 10	1 54	26 13	15 14	18 13	18 41	3 20		n.a.
T 14	4 33	19 59	1 8	2 12	3 0	12 31	1 15	24 9	0 30	3 8	1 6	23 38	0 33	17 54	0 46	7 11	1 54	26 13	15 14	18 12	18 42	3 18		n.a.
W15	4 9	18 17	0 2	1 36	2 48	13 0	1 19	24 11	0 31	3 14	1 6	23 38	0 34	17 55	0 46	7 11	1 54	26 12	15 15	18 12	18 43	3 15		n.a.
T 16	3 45	15 46	1n 3	0 56	2 34	13 28	1 23	24 13	0 33	3 19	1 6	23 38	0 34	17 55	0 46	7 12	1 54	26 12	15 15	18 12	18 44	3 13		n.a.
F 17	3 22	12 36	2 4	0 13	2 18	13 56	1 26	24 15	0 34	3 24	1 6	23 38	0 34	17 56	0 45	7 13	1 54	26 11	15 15	18 13	18 44	3 11		n.a.
S 18	2 58	8 56	3 0	0n32	2 0	14 24	1 30	24 17	0 35	3 29	1 6	23 38	0 34	17 56	0 45	7 14	1 54	26 10	15 15	18 15	18 45	3 9		n.a.
S 19	2 34	4 57	3 48	1 19	1 41	14 51	1 33	24 18	0 37	3 34	1 6	23 38	0 34	17 57	0 45	7 14	1 54	26 10	15 16	18 16	18 46	3 7		n.a.
M20	2 10	0 47	4 25	2 6	1 22	15 18	1 37	24 20	0 38	3 39	1 6	23 38	0 34	17 57	0 45	7 15	1 54	26 9	15 16	18 19	18 47	3 4		n.a.
T 21	1 46	3s25	4 51	2 52	1 1	15 45	1 40	24 21	0 39	3 45	1 6	23 38	0 34	17 57	0 45	7 16	1 54	26 9	15 16	18 21	18 48	3 2		n.a.
W22	1 22	7 30	5 5	3 35	0 40	16 11	1 44	24 22	0 41	3 50	1 6	23 38	0 34	17 58	0 45	7 17	1 54	26 8	15 16	18 24	18 49	3 0		n.a.
T 23	0 58	11 20	5 5	4 16	0 20	16 37	1 47	24 24	0 42	3 55	1 5	23 38	0 34	17 58	0 45	7 18	1 54	26 8	15 17	18 26	18 49	2 58		n.a.
F 24	0 34	14 44	4 52	4 52	0 0	17 3	1 50	24 25	0 44	4 0	1 5	23 38	0 34	17 59	0 45	7 18	1 54	26 7	15 17	18 28	18 50	2 55		n.a.
S 25	0 10	17 34	4 25	5 23	0n18	17 28	1 54	24 26	0 45	4 5	1 5	23 38	0 34	17 59	0 45	7 19	1 54	26 7	15 17	18 29	18 51	2 53		n.a.
S 26	0s14	19 38	3 45	5 48	0 36	17 53	1 57	24 27	0 47	4 11	1 5	23 38	0 34	17 59	0 45	7 20	1 54	26 6	15 17	18 29	18 52	2 51		n.a.
M27	0 38	20 46	2 53	6 8	0 52	18 17	2 0	24 28	0 48	4 16	1 5	23 38	0 34	18 0	0 45	7 21	1 54	26 6	15 18	18 30	18 53	2 49		n.a.
T 28	1 2	20 47	1 50	6 22	1 7	18 41	2 3	24 28	0 49	4 21	1 5	23 38	0 34	18 0	0 45	7 22	1 53	26 6	15 18	18 29	18 53	2 47		n.a.
W29	1 26	19 36	0 39	6 30	1 20	19 5	2 7	24 29	0 51	4 26	1 5	23 38	0 34	18 0	0 45	7 22	1 53	26 5	15 18	18 29	18 54	2 44		n.a.
T 30	1s50	17s10	0s37	6n33	1n31	19s28	2s10	24n30	0n53	4s31	1n 5	23s38	0s34	18s 1	0s45	7s23	1n53	26n 5	15n19	18n29	18n55	2n42		n.a.

Julian Day Number = 1717283.5, Delta T = 02h57m44s
Ecliptic obliquity = 23°41'41, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°13'06, Lahiri = - 4°06'05 Julian Calendar 1 Sept. 12 BCE == Greg. Calendar 30 Aug. 012 BCE

The year -11 astronomical counting style corresponds to year 012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 12 BCE
geocentric

OCTOBER 12 BCE (-11) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 29 27	5♎35'04	29♒19	17♍36	19♏12	4♋47	14♎ 4	12♑52	12°R17	23♎19	29♌21	7°R53	6♌11	3♎13	n.a.	F 1
S 2	0 33 23	6°35'11	14♓16	18°15	20°21	5°13	14°17	12°54	12♒16	23°21	29°23	7♌48	6° 7	3°20	n.a.	S 2
S 3	0 37 20	7°35'19	29°31	19° 2	21°30	5°39	14°30	12°55	12°15	23°24	29°25	7°42	6° 4	3°27	n.a.	S 3
M 4	0 41 16	8°35'29	14♈51	19°57	22°40	6° 4	14°44	12°56	12°14	23°26	29°27	7°33	6° 1	3°33	n.a.	M 4
T 5	0 45 13	9°35'41	0♉ 6	20°58	23°49	6°29	14°57	12°58	12°13	23°28	29°28	7°23	5°58	3°40	n.a.	T 5
W 6	0 49 9	10°35'55	15° 6	22° 5	24°58	6°54	15°10	13° 0	12°12	23°30	29°30	7°14	5°55	3°47	n.a.	W 6
T 7	0 53 6	11°36'11	29°41	23°17	26° 6	7°18	15°23	13° 1	12°11	23°32	29°32	7° 6	5°51	3°54	n.a.	T 7
F 8	0 57 2	12°36'30	13♊46	24°33	27°15	7°42	15°36	13° 3	12°10	23°35	29°34	7° 0	5°48	4° 0	n.a.	F 8
S 9	1 0 59	13°36'50	27°22	25°53	28°24	8° 6	15°50	13° 5	12° 9	23°37	29°36	6°57	5°45	4° 7	n.a.	S 9
S 10	1 4 56	14°37'13	10♋29	27°15	29°32	8°29	16° 3	13° 7	12° 9	23°39	29°37	6°D56	5°42	4°14	n.a.	S 10
M11	1 8 52	15°37'37	23°11	28°41	0♐41	8°52	16°16	13° 9	12° 8	23°41	29°39	6°56	5°39	4°20	n.a.	M11
T 12	1 12 49	16°38'04	5♌34	0♎ 8	1°49	9°15	16°30	13°12	12° 7	23°44	29°41	6°R56	5°36	4°27	n.a.	T 12
W13	1 16 45	17°38'33	17°41	1°37	2°57	9°37	16°43	13°14	12° 7	23°46	29°42	6°56	5°32	4°34	n.a.	W13
T 14	1 20 42	18°39'03	29°38	3° 8	4° 5	9°59	16°56	13°16	12° 6	23°48	29°44	6°53	5°29	4°40	n.a.	T 14
F 15	1 24 38	19°39'36	11♍30	4°39	5°12	10°21	17° 9	13°19	12° 6	23°50	29°46	6°48	5°26	4°47	n.a.	F 15
S 16	1 28 35	20°40'10	23°19	6°12	6°20	10°42	17°23	13°22	12° 5	23°53	29°47	6°40	5°23	4°54	n.a.	S 16
S 17	1 32 31	21°40'46	5♎ 9	7°45	7°28	11° 3	17°36	13°24	12° 5	23°55	29°49	6°29	5°20	5° 1	n.a.	S 17
M18	1 36 28	22°41'23	17° 1	9°19	8°35	11°23	17°49	13°27	12° 5	23°57	29°50	6°16	5°16	5° 7	n.a.	M18
T 19	1 40 24	23°42'03	28°58	10°54	9°42	11°43	18° 2	13°30	12° 4	23°59	29°52	6° 1	5°13	5°14	n.a.	T 19
W20	1 44 21	24°42'43	11♏ 0	12°29	10°49	12° 2	18°16	13°33	12° 4	24° 2	29°53	5°47	5°10	5°21	n.a.	W20
T 21	1 48 18	25°43'26	23° 8	14° 4	11°56	12°21	18°29	13°36	12° 4	24° 4	29°55	5°33	5° 7	5°27	n.a.	T 21
F 22	1 52 14	26°44'09	5♐24	15°39	13° 2	12°40	18°42	13°39	12° 4	24° 6	29°56	5°22	5° 4	5°34	n.a.	F 22
S 23	1 56 11	27°44'55	17°49	17°14	14° 9	12°58	18°55	13°43	12° 4	24° 8	29°57	5°14	5° 1	5°41	n.a.	S 23
S 24	2 0 7	28°45'41	0♑25	18°49	15°15	13°16	19° 9	13°46	12°D 4	24°11	29°59	5° 9	4°57	5°47	n.a.	S 24
M25	2 4 4	29°46'28	13°16	20°25	16°21	13°33	19°22	13°49	12° 4	24°13	0♍ 0	5° 6	4°54	5°54	n.a.	M25
T 26	2 8 0	0♏47'17	26°25	22° 0	17°27	13°49	19°35	13°53	12° 4	24°15	0° 1	5° 5	4°51	6° 1	n.a.	T 26
W27	2 11 57	1°48'07	9♒55	23°35	18°33	14° 5	19°48	13°57	12° 4	24°17	0° 3	5° 5	4°48	6° 8	n.a.	W27
T 28	2 15 53	2°48'57	23°48	25°10	19°38	14°21	20° 1	14° 0	12° 4	24°20	0° 4	5° 4	4°45	6°14	n.a.	T 28
F 29	2 19 50	3°49'49	8♓ 6	26°45	20°43	14°36	20°14	14° 4	12° 4	24°22	0° 5	5° 2	4°42	6°21	n.a.	F 29
S 30	2 23 47	4°50'42	22°47	28°20	21°48	14°51	20°27	14° 8	12° 4	24°24	0° 6	4°57	4°38	6°28	n.a.	S 30
S 31	2 27 43	5♏51'35	7♈46	29♎55	22♐52	15♋ 5	20♎40	14♑12	12♒ 5	24♎26	0♍ 8	4♌48	4♌35	6♎34	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2s14	13s35	1s52	6n30	1n41	19s50	2s13	24n30	0n54	4s37	1n 5	23s38	0s34	18s 1	0s45	7s24	1n53	26n 4	15n19	18n30	18n56	2n40		n.a.
S 2	2 39	9 2	3 2	6 22	1 49	20 12	2 16	24 31	0 56	4 42	1 5	23 38	0 34	18 1	0 45	7 25	1 53	26 4	15 19	18 31	18 57	2 38		n.a.
S 3	3 3	3 51	3 59	6 9	1 56	20 34	2 19	24 32	0 57	4 47	1 5	23 37	0 34	18 2	0 45	7 26	1 53	26 4	15 20	18 32	18 57	2 35		n.a.
M 4	3 27	1n36	4 40	5 52	2 1	20 55	2 22	24 32	0 59	4 52	1 5	23 37	0 34	18 2	0 45	7 27	1 53	26 3	15 20	18 35	18 58	2 33		n.a.
T 5	3 50	6 56	5 1	5 32	2 5	21 15	2 24	24 32	1 0	4 57	1 5	23 37	0 34	18 2	0 45	7 27	1 53	26 3	15 20	18 37	18 59	2 31		n.a.
W 6	4 14	11 45	5 1	5 7	2 8	21 35	2 27	24 33	1 2	5 3	1 5	23 37	0 34	18 2	0 45	7 28	1 53	26 2	15 21	18 40	19 0	2 29		n.a.
T 7	4 38	15 44	4 41	4 40	2 9	21 55	2 30	24 33	1 4	5 8	1 5	23 37	0 34	18 3	0 45	7 29	1 53	26 2	15 21	18 42	19 0	2 26		n.a.
F 8	5 2	18 40	4 4	4 10	2 10	22 14	2 33	24 33	1 5	5 13	1 4	23 37	0 34	18 3	0 45	7 30	1 53	26 2	15 22	18 43	19 1	2 24		n.a.
S 9	5 26	20 26	3 14	3 38	2 10	22 32	2 35	24 34	1 7	5 18	1 4	23 37	0 34	18 3	0 45	7 31	1 53	26 2	15 22	18 44	19 2	2 22		n.a.
S 10	5 49	21 1	2 16	3 4	2 9	22 50	2 38	24 34	1 9	5 23	1 4	23 36	0 34	18 3	0 45	7 32	1 53	26 1	15 22	18 44	19 3	2 20		n.a.
M11	6 13	20 29	1 13	2 28	2 7	23 7	2 40	24 34	1 10	5 29	1 4	23 36	0 34	18 3	0 45	7 32	1 53	26 1	15 23	18 44	19 4	2 17		n.a.
T 12	6 36	18 58	0 7	1 51	2 5	23 23	2 42	24 34	1 12	5 34	1 4	23 36	0 34	18 3	0 45	7 33	1 53	26 1	15 23	18 44	19 4	2 15		n.a.
W13	7 0	16 36	0n57	1 12	2 2	23 39	2 44	24 34	1 14	5 39	1 4	23 36	0 34	18 4	0 45	7 34	1 53	26 1	15 24	18 44	19 5	2 13		n.a.
T 14	7 23	13 33	1 57	0 33	1 58	23 55	2 47	24 34	1 16	5 44	1 4	23 36	0 34	18 4	0 45	7 35	1 53	26 0	15 24	18 45	19 6	2 11		n.a.
F 15	7 46	9 59	2 52	0s 8	1 54	24 10	2 49	24 35	1 18	5 49	1 4	23 35	0 34	18 4	0 45	7 36	1 53	26 0	15 24	18 46	19 7	2 8		n.a.
S 16	8 9	6 2	3 40	0 49	1 50	24 24	2 51	24 35	1 19	5 54	1 4	23 35	0 34	18 4	0 45	7 37	1 53	26 0	15 25	18 48	19 8	2 6		n.a.
S 17	8 32	1 52	4 17	1 30	1 45	24 37	2 52	24 35	1 21	6 0	1 4	23 35	0 34	18 4	0 45	7 37	1 53	26 0	15 25	18 51	19 8	2 4		n.a.
M18	8 55	2s24	4 44	2 13	1 40	24 50	2 54	24 35	1 23	6 5	1 4	23 35	0 34	18 4	0 45	7 38	1 53	26 0	15 26	18 54	19 9	2 1		n.a.
T 19	9 18	6 35	4 58	2 55	1 34	25 2	2 56	24 35	1 25	6 10	1 4	23 34	0 34	18 4	0 45	7 39	1 53	25 59	15 26	18 58	19 10	1 59		n.a.
W20	9 40	10 33	4 59	3 37	1 29	25 14	2 57	24 35	1 27	6 15	1 4	23 34	0 34	18 4	0 45	7 40	1 53	25 59	15 27	19 2	19 11	1 57		n.a.
T 21	10 3	14 8	4 46	4 20	1 23	25 25	2 59	24 35	1 29	6 20	1 4	23 34	0 34	18 4	0 44	7 41	1 53	25 59	15 27	19 5	19 11	1 55		n.a.
F 22	10 25	17 10	4 20	5 3	1 17	25 35	3 0	24 36	1 31	6 25	1 4	23 33	0 34	18 4	0 44	7 42	1 53	25 59	15 27	19 8	19 12	1 52		n.a.
S 23	10 47	19 27	3 42	5 45	1 11	25 44	3 1	24 36	1 33	6 30	1 4	23 33	0 34	18 4	0 44	7 42	1 53	25 59	15 28	19 10	19 13	1 50		n.a.
S 24	11 9	20 50	2 52	6 28	1 4	25 53	3 2	24 36	1 35	6 35	1 4	23 33	0 34	18 4	0 44	7 43	1 53	25 59	15 28	19 11	19 14	1 48		n.a.
M25	11 31	21 10	1 53	7 10	0 58	26 2	3 3	24 36	1 37	6 40	1 4	23 32	0 35	18 4	0 44	7 44	1 53	25 59	15 29	19 12	19 15	1 46		n.a.
T 26	11 52	20 21	0 46	7 52	0 51	26 9	3 4	24 37	1 39	6 45	1 4	23 32	0 35	18 4	0 44	7 45	1 53	25 59	15 29	19 12	19 15	1 43		n.a.
W27	12 14	18 22	0s25	8 34	0 45	26 16	3 5	24 37	1 41	6 50	1 4	23 32	0 35	18 4	0 44	7 46	1 53	25 59	15 30	19 12	19 16	1 41		n.a.
T 28	12 35	15 15	1 37	9 15	0 38	26 22	3 6	24 37	1 43	6 55	1 4	23 31	0 35	18 4	0 44	7 47	1 53	25 59	15 30	19 12	19 17	1 39		n.a.
F 29	12 56	11 10	2 45	9 56	0 31	26 27	3 6	24 38	1 45	7 0	1 4	23 31	0 35	18 4	0 44	7 47	1 53	25 59	15 31	19 13	19 18	1 36		n.a.
S 30	13 16	6 18	3 43	10 37	0 25	26 32	3 6	24 38	1 47	7 5	1 4	23 31	0 35	18 4	0 44	7 48	1 53	25 59	15 31	19 14	19 18	1 34		n.a.
S 31	13s37	0s59	4s28	11s17	0n18	26s36	3s 6	24n39	1n50	7s10	1n 4	23s30	0s35	18s 4	0s44	7s49	1n53	25n59	15n32	19n16	19n19	1n32		n.a.

Julian Day Number = 1717313.5, Delta T = 02h57m43s
Ecliptic obliquity = 23°41'42, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°13'02, Lahiri = - 4°06'01 Julian Calendar 1 Oct. 12 BCE == Greg. Calendar 29 Sept. 012 BCE

The year -11 astronomical counting style corresponds to year 012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 12 BCE
geocentric

NOVEMBER 12 BCE (-11) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 31 40	6♏52'30	22♈55	1♏29	23♐57	15♋18	20♎54	14♑16	12♒ 5	24♎29	0♍ 9	4°R38	4♌32	6♎41	n.a.	M 1
T 2	2 35 36	7°53'25	8♉ 6	3° 4	25° 1	15°31	21° 7	14°20	12° 6	24°31	0°10	4♌26	4°29	6°48	n.a.	T 2
W 3	2 39 33	8°54'22	23° 5	4°38	26° 4	15°44	21°20	14°25	12° 6	24°33	0°11	4°14	4°26	6°55	n.a.	W 3
T 4	2 43 29	9°55'21	7♊45	6°13	27° 8	15°56	21°32	14°29	12° 7	24°35	0°12	4° 4	4°22	7° 1	n.a.	T 4
F 5	2 47 26	10°56'20	21°58	7°47	28°11	16° 7	21°45	14°33	12° 7	24°37	0°13	3°56	4°19	7° 8	n.a.	F 5
S 6	2 51 22	11°57'21	5♋42	9°22	29°14	16°17	21°58	14°38	12° 8	24°40	0°14	3°51	4°16	7°15	n.a.	S 6
S 7	2 55 19	12°58'23	18°56	10°56	0♌16	16°27	22°11	14°42	12° 8	24°42	0°15	3°48	4°13	7°21	n.a.	S 7
M 8	2 59 16	13°59'26	1♌44	12°30	1°19	16°37	22°24	14°47	12° 9	24°44	0°16	3°D48	4°10	7°28	n.a.	M 8
T 9	3 3 12	15° 0'30	14° 9	14° 5	2°20	16°45	22°37	14°52	12°10	24°46	0°17	3°R48	4° 7	7°35	n.a.	T 9
W10	3 7 9	16° 1'35	26°17	15°39	3°22	16°53	22°50	14°56	12°11	24°48	0°18	3°47	4° 3	7°42	n.a.	W10
T 11	3 11 5	17° 2'42	8♍14	17°13	4°23	17° 1	23° 2	15° 1	12°12	24°50	0°19	3°45	4° 0	7°48	n.a.	T 11
F 12	3 15 2	18° 3'50	20° 5	18°48	5°24	17° 7	23°15	15° 6	12°13	24°52	0°19	3°41	3°57	7°55	n.a.	F 12
S 13	3 18 58	19° 4'58	1♎54	20°22	6°24	17°13	23°28	15°11	12°14	24°55	0°20	3°34	3°54	8° 2	n.a.	S 13
S 14	3 22 55	20° 6'08	13°45	21°57	7°24	17°19	23°40	15°16	12°15	24°57	0°21	3°24	3°51	8° 8	n.a.	S 14
M15	3 26 51	21° 7'18	25°41	23°32	8°23	17°23	23°53	15°21	12°16	24°59	0°22	3°12	3°48	8°15	n.a.	M15
T 16	3 30 48	22° 8'29	7♏45	25° 6	9°22	17°27	24° 5	15°27	12°17	25° 1	0°22	2°58	3°44	8°22	n.a.	T 16
W17	3 34 45	23° 9'41	19°57	26°41	10°21	17°30	24°18	15°32	12°18	25° 3	0°23	2°44	3°41	8°28	n.a.	W17
T 18	3 38 41	24°10'54	2♐18	28°16	11°19	17°32	24°30	15°37	12°19	25° 5	0°23	2°31	3°38	8°35	n.a.	T 18
F 19	3 42 38	25°12'07	14°49	29°51	12°16	17°34	24°43	15°43	12°20	25° 7	0°24	2°21	3°35	8°42	n.a.	F 19
S 20	3 46 34	26°13'20	27°29	1♐26	13°13	17°35	24°55	15°48	12°22	25° 9	0°25	2°13	3°32	8°49	n.a.	S 20
S 21	3 50 31	27°14'34	10♑21	3° 2	14° 9	17°R35	25° 7	15°54	12°23	25°11	0°25	2° 8	3°28	8°55	n.a.	S 21
M22	3 54 27	28°15'48	23°23	4°37	15° 5	17°34	25°19	15°59	12°25	25°13	0°26	2° 6	3°25	9° 2	n.a.	M22
T 23	3 58 24	29°17'02	6♒39	6°13	16° 1	17°33	25°32	16° 5	12°26	25°15	0°26	2°D 5	3°22	9° 9	n.a.	T 23
W24	4 2 21	0♐18'17	20°10	7°49	16°55	17°30	25°44	16°11	12°28	25°17	0°26	2° 6	3°19	9°15	n.a.	W24
T 25	4 6 17	1°19'31	3♓57	9°25	17°49	17°27	25°56	16°16	12°29	25°19	0°27	2°R 6	3°16	9°22	n.a.	T 25
F 26	4 10 14	2°20'45	18° 1	11° 1	18°42	17°23	26° 8	16°22	12°31	25°21	0°27	2° 5	3°13	9°29	n.a.	F 26
S 27	4 14 10	3°21'59	2♈22	12°38	19°35	17°18	26°20	16°28	12°32	25°22	0°27	2° 2	3° 9	9°36	n.a.	S 27
S 28	4 18 7	4°23'13	16°57	14°14	20°27	17°13	26°31	16°34	12°34	25°24	0°28	1°56	3° 6	9°42	n.a.	S 28
M29	4 22 3	5°24'27	1♉42	15°50	21°18	17° 6	26°43	16°40	12°36	25°26	0°28	1°48	3° 3	9°49	n.a.	M29
T 30	4 26 0	6♐25'41	16♉29	17♐27	22♑ 8	16♋59	26♎55	16♑46	12♒38	25♎28	0♍28	1♌39	3♌ 0	9♎56	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13s57	4n28	4s54	11s57	0n11	26s40	3s 7	24n39	1n52	7s15	1n 4	23s30	0s35	18s 3	0s44	7s50	1n53	25n59	15n32	19n19	19n20	1n30		n.a.
T 2	14 17	9 38	4 59	12 36	0 5	26 42	3 6	24 40	1 54	7 20	1 4	23 29	0 35	18 3	0 44	7 51	1 53	25 59	15 33	19 21	19 21	1 27		n.a.
W 3	14 37	14 9	4 44	13 14	0s 2	26 44	3 6	24 41	1 56	7 25	1 4	23 29	0 35	18 3	0 44	7 51	1 53	25 59	15 33	19 24	19 22	1 25		n.a.
T 4	14 57	17 43	4 10	13 52	0 9	26 46	3 6	24 42	1 59	7 30	1 4	23 28	0 35	18 3	0 44	7 52	1 53	25 59	15 34	19 27	19 22	1 23		n.a.
F 5	15 16	20 6	3 22	14 30	0 15	26 46	3 5	24 43	2 1	7 35	1 4	23 28	0 35	18 3	0 44	7 53	1 53	25 59	15 34	19 29	19 23	1 20		n.a.
S 6	15 35	21 12	2 23	15 7	0 22	26 46	3 5	24 44	2 3	7 40	1 4	23 28	0 35	18 3	0 44	7 54	1 53	25 59	15 35	19 30	19 24	1 18		n.a.
S 7	15 54	21 3	1 18	15 43	0 28	26 45	3 4	24 45	2 6	7 44	1 4	23 27	0 35	18 2	0 44	7 55	1 53	25 59	15 35	19 30	19 25	1 16		n.a.
M 8	16 12	19 49	0 11	16 18	0 35	26 44	3 3	24 46	2 8	7 49	1 4	23 27	0 35	18 2	0 44	7 55	1 53	25 59	15 36	19 31	19 25	1 13		n.a.
T 9	16 31	17 38	0n55	16 53	0 41	26 42	3 1	24 47	2 10	7 54	1 4	23 26	0 35	18 2	0 44	7 56	1 53	26 0	15 36	19 31	19 26	1 11		n.a.
W10	16 49	14 42	1 56	17 27	0 47	26 39	3 0	24 49	2 13	7 59	1 4	23 26	0 35	18 2	0 44	7 57	1 53	26 0	15 37	19 31	19 27	1 9		n.a.
T 11	17 6	11 13	2 52	18 0	0 53	26 36	2 59	24 50	2 15	8 4	1 4	23 25	0 35	18 1	0 44	7 58	1 53	26 0	15 38	19 31	19 28	1 7		n.a.
F 12	17 24	7 19	3 39	18 32	0 59	26 32	2 57	24 52	2 18	8 8	1 4	23 25	0 35	18 1	0 44	7 58	1 54	26 0	15 38	19 32	19 28	1 4		n.a.
S 13	17 41	3 9	4 17	19 4	1 4	26 27	2 55	24 53	2 20	8 13	1 4	23 24	0 35	18 1	0 44	7 59	1 54	26 0	15 39	19 34	19 29	1 2		n.a.
S 14	17 57	1s 8	4 44	19 34	1 10	26 22	2 53	24 55	2 23	8 18	1 4	23 23	0 35	18 0	0 44	8 0	1 54	26 1	15 39	19 36	19 30	1 0		n.a.
M15	18 14	5 24	4 58	20 4	1 15	26 16	2 51	24 57	2 25	8 22	1 4	23 23	0 35	18 0	0 44	8 1	1 54	26 1	15 40	19 39	19 31	0 57		n.a.
T 16	18 30	9 31	5 0	20 33	1 21	26 9	2 48	24 59	2 28	8 27	1 4	23 22	0 35	18 0	0 44	8 1	1 54	26 1	15 40	19 42	19 31	0 55		n.a.
W17	18 46	13 18	4 48	21 1	1 26	26 2	2 46	25 1	2 30	8 32	1 4	23 22	0 35	17 59	0 44	8 2	1 54	26 1	15 41	19 45	19 32	0 53		n.a.
T 18	19 1	16 34	4 22	21 27	1 31	25 55	2 43	25 3	2 33	8 36	1 4	23 21	0 35	17 59	0 43	8 3	1 54	26 2	15 41	19 48	19 33	0 50		n.a.
F 19	19 16	19 7	3 43	21 53	1 35	25 46	2 40	25 6	2 36	8 41	1 4	23 20	0 35	17 58	0 43	8 4	1 54	26 2	15 42	19 51	19 34	0 48		n.a.
S 20	19 31	20 47	2 53	22 18	1 40	25 37	2 36	25 8	2 38	8 45	1 4	23 20	0 35	17 58	0 43	8 4	1 54	26 2	15 42	19 53	19 34	0 46		n.a.
S 21	19 45	21 24	1 53	22 41	1 44	25 28	2 33	25 11	2 41	8 50	1 4	23 19	0 35	17 58	0 43	8 5	1 54	26 2	15 43	19 54	19 35	0 43		n.a.
M22	19 59	20 53	0 46	23 3	1 48	25 18	2 29	25 14	2 44	8 54	1 4	23 19	0 35	17 57	0 43	8 6	1 54	26 3	15 44	19 54	19 36	0 41		n.a.
T 23	20 13	19 12	0s24	23 24	1 51	25 8	2 25	25 17	2 46	8 58	1 4	23 18	0 35	17 57	0 43	8 6	1 54	26 3	15 44	19 54	19 37	0 39		n.a.
W24	20 26	16 25	1 35	23 44	1 55	24 57	2 21	25 20	2 49	9 3	1 4	23 17	0 35	17 56	0 43	8 7	1 54	26 4	15 45	19 54	19 37	0 36		n.a.
T 25	20 39	12 40	2 42	24 2	1 58	24 45	2 17	25 23	2 52	9 7	1 4	23 17	0 35	17 56	0 43	8 8	1 54	26 4	15 45	19 54	19 38	0 34		n.a.
F 26	20 51	8 9	3 40	24 19	2 1	24 34	2 13	25 26	2 54	9 12	1 5	23 16	0 35	17 55	0 43	8 8	1 54	26 4	15 46	19 54	19 39	0 32		n.a.
S 27	21 3	3 6	4 25	24 35	2 3	24 21	2 8	25 29	2 57	9 16	1 5	23 15	0 35	17 55	0 43	8 9	1 54	26 5	15 46	19 55	19 40	0 29		n.a.
S 28	21 15	2n12	4 55	24 49	2 5	24 9	2 3	25 33	3 0	9 20	1 5	23 15	0 36	17 54	0 43	8 10	1 54	26 5	15 47	19 56	19 40	0 27		n.a.
M29	21 26	7 25	5 5	25 2	2 7	23 55	1 58	25 36	3 2	9 24	1 5	23 14	0 36	17 54	0 43	8 10	1 54	26 6	15 47	19 58	19 41	0 25		n.a.
T 30	21s37	12n14	4s55	25s13	2s 8	23s42	1s52	25n40	3n 5	9s29	1n 5	23s13	0s36	17s53	0s43	8s11	1n54	26n 6	15n48	20n 0	19n42	0n23		n.a.

Julian Day Number = 1717344.5, Delta T = 02h57m42s
Ecliptic obliquity = 23°41'42, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°12'58, Lahiri = - 4°05'57 Julian Calendar 1 Nov. 12 BCE == Greg. Calendar 30 Oct. 012 BCE

The year -11 astronomical counting style corresponds to year 012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 12 BCE
geocentric

DECEMBER 12 BCE (-11) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 29 56	7♐26'55	1♊10	19♐ 3	22♑58	16°R51	27♎ 7	16♑52	12♒40	25♎30	0♍28	1°R30	2♌57	10♎ 2	n.a.	W 1
T 2	4 33 53	8°28'09	15°37	20°40	23°46	16♋42	27°18	16°58	12°41	25°32	0°28	1♌22	2°54	10° 9	n.a.	T 2
F 3	4 37 50	9°29'23	29°44	22°16	24°34	16°32	27°30	17° 5	12°43	25°33	0°28	1°16	2°50	10°16	n.a.	F 3
S 4	4 41 46	10°30'37	13♋27	23°52	25°21	16°22	27°41	17°11	12°45	25°35	0°28	1°12	2°47	10°23	n.a.	S 4
S 5	4 45 43	11°31'51	26°44	25°27	26° 6	16°11	27°52	17°17	12°47	25°37	0°R28	1°D10	2°44	10°29	n.a.	S 5
M 6	4 49 39	12°33'06	9♌36	27° 2	26°51	15°59	28° 4	17°24	12°49	25°38	0°28	1°10	2°41	10°36	n.a.	M 6
T 7	4 53 36	13°34'20	22° 6	28°36	27°35	15°46	28°15	17°30	12°52	25°40	0°28	1°12	2°38	10°43	n.a.	T 7
W 8	4 57 32	14°35'34	4♍19	0♑10	28°18	15°32	28°26	17°36	12°54	25°42	0°28	1°13	2°34	10°49	n.a.	W 8
T 9	5 1 29	15°36'49	16°19	1°42	28°59	15°18	28°37	17°43	12°56	25°43	0°28	1°R13	2°31	10°56	n.a.	T 9
F 10	5 5 25	16°38'03	28°12	3°13	29°39	15° 2	28°48	17°49	12°58	25°45	0°28	1°13	2°28	11° 3	n.a.	F 10
S 11	5 9 22	17°39'17	10♎ 3	4°42	0♒18	14°47	28°59	17°56	13° 0	25°47	0°28	1°10	2°25	11°10	n.a.	S 11
S 12	5 13 19	18°40'31	21°56	6° 9	0°56	14°30	29°10	18° 3	13° 3	25°48	0°28	1° 5	2°22	11°16	n.a.	S 12
M13	5 17 15	19°41'45	3♏55	7°33	1°33	14°12	29°20	18° 9	13° 5	25°50	0°27	0°59	2°19	11°23	n.a.	M13
T 14	5 21 12	20°42'59	16° 4	8°55	2° 8	13°54	29°31	18°16	13° 7	25°51	0°27	0°51	2°15	11°30	n.a.	T 14
W15	5 25 8	21°44'12	28°25	10°13	2°41	13°36	29°42	18°23	13°10	25°53	0°27	0°43	2°12	11°36	n.a.	W15
T 16	5 29 5	22°45'25	11♐ 0	11°27	3°14	13°16	29°52	18°29	13°12	25°54	0°26	0°36	2° 9	11°43	n.a.	T 16
F 17	5 33 1	23°46'38	23°48	12°36	3°44	12°57	0♏ 2	18°36	13°15	25°55	0°26	0°30	2° 6	11°50	n.a.	F 17
S 18	5 36 58	24°47'50	6♑49	13°39	4°13	12°36	0°12	18°43	13°17	25°57	0°26	0°26	2° 3	11°57	n.a.	S 18
S 19	5 40 55	25°49'01	20° 3	14°36	4°41	12°15	0°23	18°50	13°20	25°58	0°25	0°24	2° 0	12° 3	n.a.	S 19
M20	5 44 51	26°50'12	3♒29	15°25	5° 6	11°54	0°33	18°57	13°22	26° 0	0°25	0°D23	1°56	12°10	n.a.	M20
T 21	5 48 48	27°51'21	17° 5	16° 6	5°30	11°32	0°43	19° 4	13°25	26° 1	0°24	0°24	1°53	12°17	n.a.	T 21
W22	5 52 44	28°52'30	0♓51	16°39	5°52	11° 9	0°52	19°11	13°28	26° 2	0°24	0°26	1°50	12°23	n.a.	W22
T 23	5 56 41	29°53'37	14°46	17° 1	6°12	10°47	1° 2	19°18	13°30	26° 3	0°23	0°27	1°47	12°30	n.a.	T 23
F 24	6 0 37	0♑54'43	28°50	17°13	6°30	10°24	1°12	19°25	13°33	26° 5	0°23	0°R28	1°44	12°37	n.a.	F 24
S 25	6 4 34	1°55'48	13♈ 1	17°R13	6°45	10° 0	1°21	19°32	13°36	26° 6	0°22	0°28	1°40	12°44	n.a.	S 25
S 26	6 8 30	2°56'52	27°17	17° 2	6°59	9°37	1°31	19°39	13°39	26° 7	0°21	0°26	1°37	12°50	n.a.	S 26
M27	6 12 27	3°57'55	11♉35	16°40	7°11	9°13	1°40	19°46	13°41	26° 8	0°21	0°23	1°34	12°57	n.a.	M27
T 28	6 16 24	4°58'57	25°52	16° 6	7°20	8°49	1°49	19°53	13°44	26° 9	0°20	0°19	1°31	13° 4	n.a.	T 28
W29	6 20 20	5°59'57	10♊ 3	15°22	7°26	8°25	1°58	20° 0	13°47	26°10	0°19	0°15	1°28	13°10	n.a.	W29
T 30	6 24 17	7° 0'56	24° 4	14°28	7°31	8° 1	2° 7	20° 7	13°50	26°11	0°18	0°12	1°25	13°17	n.a.	T 30
F 31	6 28 13	8♑ 1'54	7♋50	13♑26	7°R33	7♋37	2♏16	20♑14	13♒53	26♎12	0♍17	0♌10	1♌21	13♎24	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21s47	16n17	4s25	25s23	2s 9	23s28	1s46	25n43	3n 8	9s33	1n 5	23s12	0s36	17s53	0s43	8s12	1n54	26n 6	15n49	20n 2	19n43	0n20			n.a.
T 2	21 57	19 16	3 39	25 31	2 9	23 14	1 40	25 47	3 10	9 37	1 5	23 12	0 36	17 52	0 43	8 12	1 54	26 7	15 49	20 4	19 43	0 18			n.a.
F 3	22 7	21 1	2 41	25 37	2 9	22 59	1 34	25 51	3 13	9 41	1 5	23 11	0 36	17 51	0 43	8 13	1 54	26 7	15 50	20 5	19 44	0 16			n.a.
S 4	22 16	21 27	1 34	25 41	2 8	22 44	1 28	25 55	3 16	9 45	1 5	23 10	0 36	17 51	0 43	8 13	1 54	26 8	15 50	20 6	19 45	0 13			n.a.
S 5	22 24	20 39	0 24	25 44	2 7	22 29	1 21	25 59	3 18	9 49	1 5	23 9	0 36	17 50	0 43	8 14	1 54	26 8	15 51	20 7	19 45	0 11			n.a.
M 6	22 33	18 46	0n45	25 45	2 5	22 13	1 14	26 3	3 21	9 53	1 5	23 9	0 36	17 50	0 43	8 14	1 54	26 9	15 51	20 7	19 46	0 9			n.a.
T 7	22 40	16 2	1 51	25 44	2 3	21 57	1 7	26 7	3 24	9 57	1 5	23 8	0 36	17 49	0 43	8 15	1 54	26 9	15 52	20 6	19 47	0 6			n.a.
W 8	22 48	12 39	2 49	25 42	2 0	21 41	0 59	26 11	3 26	10 1	1 5	23 7	0 36	17 48	0 43	8 16	1 54	26 10	15 52	20 6	19 48	0 4			n.a.
T 9	22 55	8 49	3 39	25 37	1 56	21 25	0 51	26 16	3 29	10 5	1 5	23 6	0 36	17 48	0 43	8 16	1 55	26 11	15 53	20 6	19 48	0 1			n.a.
F 10	23 1	4 41	4 20	25 31	1 52	21 8	0 43	26 20	3 31	10 9	1 5	23 5	0 36	17 47	0 43	8 17	1 55	26 11	15 54	20 6	19 49	0s 1			n.a.
S 11	23 7	0 24	4 49	25 23	1 46	20 52	0 35	26 24	3 34	10 13	1 5	23 4	0 36	17 46	0 43	8 17	1 55	26 12	15 54	20 7	19 50	0 3			n.a.
S 12	23 12	3s55	5 5	25 13	1 40	20 35	0 26	26 28	3 36	10 16	1 6	23 4	0 36	17 46	0 43	8 18	1 55	26 12	15 55	20 8	19 51	0 6			n.a.
M13	23 17	8 7	5 9	25 1	1 33	20 18	0 17	26 33	3 38	10 20	1 6	23 3	0 36	17 45	0 43	8 18	1 55	26 13	15 55	20 9	19 51	0 8			n.a.
T 14	23 22	12 4	4 58	24 48	1 25	20 1	0 7	26 37	3 41	10 24	1 6	23 2	0 36	17 44	0 43	8 19	1 55	26 13	15 56	20 11	19 52	0 10			n.a.
W15	23 26	15 34	4 34	24 33	1 16	19 44	0n 2	26 41	3 43	10 27	1 6	23 1	0 36	17 44	0 43	8 19	1 55	26 14	15 56	20 13	19 53	0 13			n.a.
T 16	23 30	18 26	3 56	24 17	1 6	19 27	0 12	26 45	3 45	10 31	1 6	23 0	0 36	17 43	0 43	8 20	1 55	26 15	15 57	20 14	19 53	0 15			n.a.
F 17	23 33	20 27	3 6	24 0	0 55	19 10	0 22	26 50	3 47	10 35	1 6	22 59	0 36	17 42	0 43	8 20	1 55	26 15	15 57	20 15	19 54	0 17			n.a.
S 18	23 35	21 26	2 5	23 42	0 43	18 53	0 33	26 54	3 49	10 38	1 6	22 58	0 36	17 41	0 43	8 21	1 55	26 16	15 58	20 16	19 55	0 20			n.a.
S 19	23 38	21 15	0 56	23 22	0 29	18 35	0 44	26 58	3 51	10 42	1 6	22 57	0 36	17 41	0 43	8 21	1 55	26 17	15 58	20 17	19 56	0 22			n.a.
M20	23 39	19 51	0s17	23 3	0 15	18 18	0 55	27 2	3 53	10 45	1 6	22 57	0 37	17 40	0 43	8 22	1 55	26 17	15 59	20 17	19 56	0 24			n.a.
T 21	23 41	17 18	1 30	22 43	0n 0	18 2	1 6	27 6	3 55	10 48	1 6	22 56	0 37	17 39	0 43	8 22	1 55	26 18	15 59	20 17	19 57	0 27			n.a.
W22	23 41	13 45	2 39	22 22	0 16	17 45	1 18	27 9	3 57	10 52	1 6	22 55	0 37	17 38	0 43	8 22	1 55	26 19	16 0	20 16	19 58	0 29			n.a.
T 23	23 42	9 25	3 39	22 3	0 34	17 28	1 30	27 13	3 59	10 55	1 7	22 54	0 37	17 37	0 42	8 23	1 55	26 19	16 0	20 16	19 59	0 31			n.a.
F 24	23 42	4 33	4 27	21 43	0 51	17 12	1 42	27 16	4 0	10 58	1 7	22 53	0 37	17 37	0 42	8 23	1 55	26 20	16 1	20 16	19 59	0 34			n.a.
S 25	23 41	0n36	4 59	21 25	1 10	16 56	1 55	27 20	4 2	11 2	1 7	22 52	0 37	17 36	0 42	8 24	1 55	26 21	16 1	20 16	20 0	0 36			n.a.
S 26	23 40	5 45	5 13	21 8	1 28	16 40	2 8	27 23	4 3	11 5	1 7	22 51	0 37	17 35	0 42	8 24	1 55	26 21	16 2	20 16	20 1	0 38			n.a.
M27	23 38	10 36	5 7	20 52	1 47	16 24	2 21	27 26	4 4	11 8	1 7	22 50	0 37	17 34	0 42	8 24	1 55	26 22	16 2	20 17	20 1	0 41			n.a.
T 28	23 36	14 51	4 43	20 38	2 5	16 9	2 35	27 29	4 6	11 11	1 7	22 49	0 37	17 33	0 42	8 25	1 56	26 23	16 3	20 18	20 2	0 43			n.a.
W29	23 33	18 13	4 1	20 26	2 23	15 54	2 48	27 32	4 7	11 14	1 7	22 48	0 37	17 32	0 42	8 25	1 56	26 24	16 3	20 19	20 3	0 46			n.a.
T 30	23 30	20 28	3 6	20 15	2 40	15 39	3 2	27 34	4 8	11 17	1 7	22 47	0 37	17 32	0 42	8 25	1 56	26 24	16 4	20 19	20 4	0 48			n.a.
F 31	23s27	21n28	2s 0	20s 7	2n55	15s25	3n16	27n37	4n 9	11s20	1n 7	22s46	0s37	17s31	0s42	8s26	1n56	26n25	16n 4	20n20	20n 4	0s50			n.a.

Julian Day Number = 1717374.5, Delta T = 02h57m41s
Ecliptic obliquity = 23°41'41, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°12'53, Lahiri = - 4°05'53 Julian Calendar 1 Dec. 12 BCE == Greg. Calendar 29 Nov. 012 BCE

The year -11 astronomical counting style corresponds to year 012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 11 BCE
geocentric

JANUARY 11 BCE (-10) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 32 10	9♑ 2'51	21♋18	12°R19	7°R32	7°R13	2♏25	20♑21	13♒56	26♎13	0°R17	0°R 8	1♌18	13♎31	n.a.	S 1
S 2	6 36 6	10° 3'47	4♌27	11♑ 6	7♒29	6♋49	2°33	20°28	13°59	26°14	0♍16	0°D 8	1°15	13°37	n.a.	S 2
M 3	6 40 3	11° 4'42	17°16	9°52	7°24	6°25	2°42	20°36	14° 2	26°15	0°15	0♌ 9	1°12	13°44	n.a.	M 3
T 4	6 43 59	12° 5'36	29°47	8°38	7°16	6° 2	2°50	20°43	14° 5	26°16	0°14	0°10	1° 9	13°51	n.a.	T 4
W 5	6 47 56	13° 6'28	12♍ 2	7°26	7° 5	5°38	2°58	20°50	14° 8	26°17	0°13	0°12	1° 6	13°58	n.a.	W 5
T 6	6 51 53	14° 7'20	24° 5	6°19	6°52	5°15	3° 6	20°57	14°11	26°18	0°12	0°13	1° 2	14° 4	n.a.	T 6
F 7	6 55 49	15° 8'10	6♎ 1	5°16	6°37	4°52	3°14	21° 4	14°14	26°18	0°11	0°14	0°59	14°11	n.a.	F 7
S 8	6 59 46	16° 9'00	17°53	4°21	6°19	4°30	3°22	21°12	14°17	26°19	0°10	0°R14	0°56	14°18	n.a.	S 8
S 9	7 3 42	17° 9'48	29°47	3°32	5°58	4° 8	3°29	21°19	14°20	26°20	0° 9	0°14	0°53	14°24	n.a.	S 9
M10	7 7 39	18°10'35	11♏47	2°52	5°35	3°46	3°37	21°26	14°24	26°21	0° 8	0°13	0°50	14°31	n.a.	M10
T 11	7 11 35	19°11'22	23°58	2°20	5°10	3°25	3°44	21°33	14°27	26°21	0° 7	0°12	0°46	14°38	n.a.	T 11
W12	7 15 32	20°12'06	6♐23	1°56	4°43	3° 4	3°52	21°41	14°30	26°22	0° 6	0°10	0°43	14°45	n.a.	W12
T 13	7 19 28	21°12'50	19° 5	1°40	4°14	2°44	3°59	21°48	14°33	26°22	0° 4	0° 9	0°40	14°51	n.a.	T 13
F 14	7 23 25	22°13'32	2♑ 6	1°33	3°44	2°24	4° 6	21°55	14°36	26°23	0° 3	0° 8	0°37	14°58	n.a.	F 14
S 15	7 27 22	23°14'13	15°26	1°D32	3°11	2° 5	4°13	22° 2	14°40	26°23	0° 2	0° 7	0°34	15° 5	n.a.	S 15
S 16	7 31 18	24°14'53	29° 3	1°38	2°38	1°47	4°19	22°10	14°43	26°24	0° 1	0°D 7	0°31	15°11	n.a.	S 16
M17	7 35 15	25°15'31	12♒56	1°51	2° 2	1°29	4°26	22°17	14°46	26°24	29♌59	0° 7	0°27	15°18	n.a.	M17
T 18	7 39 11	26°16'07	27° 1	2°11	1°26	1°12	4°32	22°24	14°49	26°25	29°58	0° 7	0°24	15°25	n.a.	T 18
W19	7 43 8	27°16'41	11♓14	2°35	0°50	0°55	4°38	22°31	14°53	26°25	29°57	0° 8	0°21	15°32	n.a.	W19
T 20	7 47 4	28°17'13	25°32	3° 5	0°12	0°40	4°44	22°39	14°56	26°25	29°56	0° 8	0°18	15°38	n.a.	T 20
F 21	7 51 1	29°17'43	9♈49	3°40	29♑35	0°25	4°50	22°46	14°59	26°26	29°54	0° 8	0°15	15°45	n.a.	F 21
S 22	7 54 57	0♒18'11	24° 4	4°19	28°57	0°10	4°56	22°53	15° 3	26°26	29°53	0° 8	0°11	15°52	n.a.	S 22
S 23	7 58 54	1°18'38	8♉14	5° 3	28°20	29♊57	5° 2	23° 0	15° 6	26°26	29°52	0° 8	0° 8	15°58	n.a.	S 23
M24	8 2 51	2°19'02	22°17	5°50	27°43	29°44	5° 7	23° 7	15°10	26°26	29°50	0° 8	0° 5	16° 5	n.a.	M24
T 25	8 6 47	3°19'24	6♊10	6°41	27° 7	29°32	5°12	23°15	15°13	26°27	29°49	0° 8	0° 2	16°12	n.a.	T 25
W26	8 10 44	4°19'44	19°53	7°35	26°32	29°21	5°17	23°22	15°16	26°27	29°47	0° 9	29♋59	16°19	n.a.	W26
T 27	8 14 40	5°20'02	3♋24	8°32	25°58	29°11	5°22	23°29	15°20	26°27	29°46	0° 9	29°56	16°25	n.a.	T 27
F 28	8 18 37	6°20'18	16°43	9°31	25°26	29° 1	5°27	23°36	15°23	26°27	29°44	0°10	29°52	16°32	n.a.	F 28
S 29	8 22 33	7°20'32	29°48	10°34	24°55	28°53	5°32	23°43	15°27	26°27	29°43	0°R10	29°49	16°39	n.a.	S 29
S 30	8 26 30	8°20'45	12♌40	11°38	24°26	28°45	5°36	23°50	15°30	26°R27	29°42	0°10	29°46	16°46	n.a.	S 30
M31	8 30 26	9♒20'55	25♌17	12♑45	23♑59	28♊38	5♏41	23♑57	15♒33	26♎27	29♌40	0♌ 9	29♋43	16♎52	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s23	21n11	0s48	20s 0	3n 8	15s11	3n31	27n39	4n10	11s23	1n 8	22s45	0s37	17s30	0s42	8s26	1n56	26n26	16n 5	20n20	20n 5	0s53		n.a.
S 2	23 19	19 44	0n24	19 55	3 19	14 58	3 45	27 41	4 10	11 26	1 8	22 44	0 37	17 29	0 42	8 26	1 56	26 27	16 5	20 20	20 6	0 55		n.a.
M 3	23 14	17 18	1 33	19 52	3 28	14 45	4 0	27 43	4 11	11 29	1 8	22 43	0 37	17 28	0 42	8 26	1 56	26 27	16 6	20 20	20 6	0 57		n.a.
T 4	23 8	14 6	2 36	19 50	3 35	14 33	4 14	27 44	4 11	11 31	1 8	22 42	0 37	17 27	0 42	8 27	1 56	26 28	16 6	20 20	20 7	1 0		n.a.
W 5	23 2	10 22	3 31	19 50	3 39	14 22	4 29	27 46	4 12	11 34	1 8	22 41	0 37	17 26	0 42	8 27	1 56	26 29	16 7	20 19	20 8	1 2		n.a.
T 6	22 56	6 17	4 16	19 52	3 41	14 11	4 43	27 47	4 12	11 37	1 8	22 40	0 38	17 25	0 42	8 27	1 56	26 30	16 7	20 19	20 8	1 5		n.a.
F 7	22 50	2 0	4 49	19 55	3 40	14 1	4 58	27 48	4 12	11 39	1 8	22 39	0 38	17 24	0 42	8 27	1 56	26 30	16 8	20 19	20 9	1 7		n.a.
S 8	22 42	2s20	5 9	20 0	3 38	13 51	5 12	27 49	4 12	11 42	1 8	22 37	0 38	17 23	0 42	8 28	1 56	26 31	16 8	20 19	20 10	1 9		n.a.
S 9	22 35	6 35	5 16	20 6	3 33	13 42	5 27	27 50	4 12	11 44	1 9	22 36	0 38	17 23	0 42	8 28	1 56	26 32	16 8	20 19	20 11	1 12		n.a.
M10	22 27	10 37	5 10	20 13	3 27	13 34	5 41	27 51	4 12	11 47	1 9	22 35	0 38	17 22	0 42	8 28	1 56	26 33	16 9	20 19	20 11	1 14		n.a.
T 11	22 18	14 17	4 50	20 21	3 20	13 27	5 54	27 51	4 12	11 49	1 9	22 34	0 38	17 21	0 42	8 28	1 56	26 34	16 9	20 20	20 12	1 16		n.a.
W12	22 9	17 25	4 16	20 29	3 11	13 20	6 8	27 51	4 12	11 52	1 9	22 33	0 38	17 20	0 42	8 28	1 56	26 34	16 10	20 20	20 13	1 19		n.a.
T 13	22 0	19 47	3 28	20 39	3 2	13 14	6 21	27 51	4 12	11 54	1 9	22 32	0 38	17 19	0 42	8 28	1 57	26 35	16 10	20 20	20 13	1 21		n.a.
F 14	21 50	21 12	2 29	20 49	2 52	13 9	6 33	27 51	4 11	11 56	1 9	22 31	0 38	17 18	0 42	8 29	1 57	26 36	16 10	20 20	20 14	1 24		n.a.
S 15	21 40	21 27	1 21	21 0	2 41	13 5	6 45	27 51	4 11	11 58	1 9	22 30	0 38	17 17	0 42	8 29	1 57	26 37	16 11	20 20	20 15	1 26		n.a.
S 16	21 30	20 28	0 6	21 11	2 30	13 1	6 57	27 51	4 10	12 0	1 9	22 29	0 38	17 16	0 42	8 29	1 57	26 38	16 11	20 21	20 15	1 28		n.a.
M17	21 19	18 14	1s11	21 22	2 19	12 58	7 7	27 50	4 9	12 3	1 10	22 28	0 38	17 15	0 42	8 29	1 57	26 38	16 12	20 21	20 16	1 31		n.a.
T 18	21 7	14 53	2 24	21 33	2 7	12 56	7 17	27 50	4 8	12 5	1 10	22 26	0 38	17 14	0 42	8 29	1 57	26 39	16 12	20 20	20 17	1 33		n.a.
W19	20 56	10 38	3 29	21 45	1 56	12 55	7 26	27 49	4 8	12 7	1 10	22 25	0 38	17 13	0 42	8 29	1 57	26 40	16 12	20 20	20 17	1 35		n.a.
T 20	20 43	5 47	4 21	21 55	1 44	12 55	7 35	27 48	4 7	12 8	1 10	22 24	0 39	17 12	0 42	8 29	1 57	26 41	16 13	20 20	20 18	1 38		n.a.
F 21	20 31	0 37	4 58	22 6	1 32	12 55	7 42	27 47	4 6	12 10	1 10	22 23	0 39	17 11	0 42	8 29	1 57	26 42	16 13	20 20	20 19	1 40		n.a.
S 22	20 18	4n33	5 15	22 16	1 21	12 56	7 49	27 46	4 5	12 12	1 10	22 22	0 39	17 10	0 42	8 29	1 57	26 42	16 13	20 20	20 20	1 43		n.a.
S 23	20 5	9 27	5 14	22 26	1 10	12 58	7 55	27 45	4 4	12 14	1 10	22 21	0 39	17 9	0 42	8 29	1 57	26 43	16 14	20 20	20 20	1 45		n.a.
M24	19 51	13 48	4 54	22 35	0 59	13 0	8 0	27 44	4 2	12 16	1 11	22 20	0 39	17 8	0 42	8 29	1 57	26 44	16 14	20 20	20 21	1 47		n.a.
T 25	19 37	17 21	4 17	22 44	0 48	13 3	8 3	27 43	4 1	12 17	1 11	22 19	0 39	17 7	0 42	8 29	1 57	26 45	16 14	20 20	20 22	1 50		n.a.
W26	19 23	19 54	3 25	22 52	0 37	13 7	8 6	27 42	4 0	12 19	1 11	22 17	0 39	17 6	0 42	8 29	1 57	26 46	16 14	20 20	20 22	1 52		n.a.
T 27	19 8	21 16	2 23	22 59	0 26	13 11	8 8	27 40	3 59	12 20	1 11	22 16	0 39	17 5	0 42	8 29	1 57	26 46	16 15	20 20	20 23	1 55		n.a.
F 28	18 53	21 25	1 14	23 5	0 16	13 15	8 10	27 39	3 57	12 22	1 11	22 15	0 39	17 4	0 42	8 29	1 58	26 47	16 15	20 20	20 24	1 57		n.a.
S 29	18 38	20 23	0 2	23 10	0 6	13 20	8 10	27 37	3 56	12 23	1 11	22 14	0 39	17 3	0 42	8 29	1 58	26 48	16 15	20 20	20 24	1 59		n.a.
S 30	18 22	18 17	1n 9	23 14	0s 3	13 26	8 9	27 36	3 54	12 24	1 11	22 13	0 39	17 2	0 42	8 29	1 58	26 49	16 16	20 20	20 25	2 2		n.a.
M31	18s 6	15n21	2n15	23s17	0s13	13s32	8n 8	27n34	3n53	12s26	1n12	22s12	0s39	17s 1	0s42	8s29	1n58	26n49	16n16	20n20	20n26	2s 4		n.a.

Julian Day Number = 1717405.5, Delta T = 02h57m41s
Ecliptic obliquity = 23°41'41, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°12'49, Lahiri = - 4°05'49 Julian Calendar 1 Jan. 11 BCE == Greg. Calendar 30 Dec. 012 BCE

The year -10 astronomical counting style corresponds to year 011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 11 BCE
geocentric

FEBRUARY 11 BCE (-10) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 34 23	10♒21'03	7♍41	13♑54	23°R34	28°R31	5♏45	24♑ 5	15♒37	26°R27	29°R39	0°R 8	29♋40	16♎59	n.a.	T 1
W 2	8 38 20	11°21'10	19°53	15° 5	23♑12	28♊26	5°49	24°12	15°40	26♎27	29♌37	0♌ 6	29°37	17° 6	n.a.	W 2
T 3	8 42 16	12°21'14	1♎56	16°19	22°51	28°21	5°52	24°19	15°44	26°27	29°36	0° 4	29°33	17°12	n.a.	T 3
F 4	8 46 13	13°21'17	13°52	17°33	22°33	28°17	5°56	24°26	15°47	26°26	29°34	0° 3	29°30	17°19	n.a.	F 4
S 5	8 50 9	14°21'19	25°44	18°50	22°18	28°14	5°59	24°33	15°51	26°26	29°32	0° 1	29°27	17°26	n.a.	S 5
S 6	8 54 6	15°21'18	7♏38	20° 8	22° 5	28°11	6° 3	24°40	15°54	26°26	29°31	0° 0	29°24	17°33	n.a.	S 6
M 7	8 58 2	16°21'16	19°37	21°28	21°54	28° 9	6° 6	24°47	15°57	26°26	29°29	0°D 0	29°21	17°39	n.a.	M 7
T 8	9 1 59	17°21'12	1♐46	22°49	21°46	28° 8	6° 9	24°53	16° 1	26°25	29°28	0° 1	29°17	17°46	n.a.	T 8
W 9	9 5 55	18°21'07	14°10	24°12	21°41	28°D 8	6°11	25° 0	16° 4	26°25	29°26	0° 2	29°14	17°53	n.a.	W 9
T 10	9 9 52	19°20'59	26°53	25°36	21°38	28° 9	6°14	25° 7	16° 8	26°25	29°25	0° 3	29°11	17°59	n.a.	T 10
F 11	9 13 49	20°20'50	9♑57	27° 2	21°D37	28°10	6°16	25°14	16°11	26°24	29°23	0° 5	29° 8	18° 6	n.a.	F 11
S 12	9 17 45	21°20'39	23°26	28°29	21°39	28°12	6°18	25°21	16°15	26°24	29°21	0°R 6	29° 5	18°13	n.a.	S 12
S 13	9 21 42	22°20'26	7♒19	29°57	21°43	28°14	6°20	25°28	16°18	26°24	29°20	0° 6	29° 2	18°20	n.a.	S 13
M14	9 25 38	23°20'11	21°33	1♒27	21°49	28°18	6°22	25°34	16°22	26°23	29°18	0° 4	28°58	18°26	n.a.	M14
T 15	9 29 35	24°19'54	6♓ 5	2°58	21°58	28°22	6°24	25°41	16°25	26°23	29°16	0° 2	28°55	18°33	n.a.	T 15
W16	9 33 31	25°19'34	20°47	4°30	22° 9	28°27	6°25	25°48	16°28	26°22	29°15	29♋59	28°52	18°40	n.a.	W16
T 17	9 37 28	26°19'13	5♈33	6° 4	22°22	28°32	6°26	25°54	16°32	26°21	29°13	29°55	28°49	18°46	n.a.	T 17
F 18	9 41 24	27°18'49	20°15	7°38	22°37	28°38	6°27	26° 1	16°35	26°21	29°12	29°51	28°46	18°53	n.a.	F 18
S 19	9 45 21	28°18'22	4♉47	9°14	22°54	28°45	6°28	26° 7	16°39	26°20	29°10	29°49	28°43	19° 0	n.a.	S 19
S 20	9 49 17	29°17'54	19° 4	10°52	23°12	28°52	6°29	26°14	16°42	26°19	29° 8	29°47	28°39	19° 7	n.a.	S 20
M21	9 53 14	0♓17'23	3♊ 4	12°30	23°33	29° 0	6°29	26°20	16°45	26°19	29° 7	29°D47	28°36	19°13	n.a.	M21
T 22	9 57 11	1°16'49	16°46	14°10	23°56	29° 9	6°30	26°27	16°49	26°18	29° 5	29°47	28°33	19°20	n.a.	T 22
W23	10 1 7	2°16'13	0♋12	15°51	24°20	29°18	6°R30	26°33	16°52	26°17	29° 3	29°49	28°30	19°27	n.a.	W23
T 24	10 5 4	3°15'35	13°21	17°34	24°46	29°28	6°30	26°39	16°55	26°16	29° 2	29°50	28°27	19°34	n.a.	T 24
F 25	10 9 0	4°14'54	26°17	19°18	25°14	29°38	6°29	26°46	16°59	26°16	29° 0	29°R51	28°23	19°40	n.a.	F 25
S 26	10 12 57	5°14'11	9♌ 0	21° 3	25°43	29°49	6°29	26°52	17° 2	26°15	28°59	29°51	28°20	19°47	n.a.	S 26
S 27	10 16 53	6°13'26	21°31	22°49	26°14	0♋ 0	6°28	26°58	17° 5	26°14	28°57	29°49	28°17	19°54	n.a.	S 27
M28	10 20 50	7♓12'39	3♍53	24♒37	26♑46	0♋12	6♏27	27♑ 4	17♒ 9	26♎13	28♌55	29♋45	28♋14	20♎ 0	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s50	11n45	3n13	23s19	0s22	13s38	8n 6	27n33	3n52	12s27	1n12	22s10	0s40	17s 0	0s42	8s29	1n58	26n50	16n16	20n20	20n26	2s 7		n.a.
W 2	17 33	7 44	4 2	23 20	0 31	13 45	8 3	27 31	3 50	12 28	1 12	22 9	0 40	16 59	0 42	8 29	1 58	26 51	16 16	20 21	20 27	2 9		n.a.
T 3	17 17	3 29	4 39	23 20	0 39	13 52	7 59	27 30	3 49	12 29	1 12	22 8	0 40	16 58	0 42	8 29	1 58	26 52	16 16	20 21	20 28	2 11		n.a.
F 4	16 59	0s52	5 4	23 18	0 47	13 59	7 55	27 28	3 47	12 30	1 12	22 7	0 40	16 57	0 42	8 29	1 58	26 53	16 17	20 21	20 28	2 14		n.a.
S 5	16 42	5 10	5 15	23 16	0 55	14 6	7 50	27 26	3 45	12 31	1 12	22 6	0 40	16 56	0 42	8 29	1 58	26 53	16 17	20 22	20 29	2 16		n.a.
S 6	16 24	9 16	5 13	23 12	1 2	14 13	7 44	27 25	3 44	12 32	1 13	22 5	0 40	16 54	0 42	8 28	1 58	26 54	16 17	20 22	20 30	2 18		n.a.
M 7	16 6	13 3	4 58	23 6	1 9	14 21	7 38	27 23	3 42	12 33	1 13	22 3	0 40	16 53	0 42	8 28	1 58	26 55	16 17	20 22	20 30	2 21		n.a.
T 8	15 48	16 21	4 29	23 0	1 16	14 28	7 32	27 21	3 41	12 34	1 13	22 2	0 40	16 52	0 42	8 28	1 58	26 56	16 17	20 22	20 31	2 23		n.a.
W 9	15 29	18 59	3 47	22 51	1 23	14 36	7 25	27 20	3 39	12 35	1 13	22 1	0 40	16 51	0 42	8 28	1 58	26 56	16 18	20 22	20 32	2 26		n.a.
T 10	15 11	20 46	2 53	22 42	1 29	14 44	7 18	27 18	3 37	12 35	1 13	22 0	0 40	16 50	0 42	8 28	1 58	26 57	16 18	20 21	20 32	2 28		n.a.
F 11	14 52	21 31	1 49	22 31	1 34	14 51	7 10	27 16	3 36	12 36	1 13	21 59	0 40	16 49	0 42	8 27	1 58	26 58	16 18	20 21	20 33	2 31		n.a.
S 12	14 32	21 2	0 37	22 19	1 40	14 59	7 3	27 15	3 34	12 37	1 13	21 58	0 41	16 48	0 42	8 27	1 58	26 59	16 18	20 21	20 34	2 33		n.a.
S 13	14 13	19 17	0s40	22 5	1 45	15 6	6 54	27 13	3 32	12 37	1 14	21 56	0 41	16 47	0 42	8 27	1 59	26 59	16 18	20 21	20 34	2 35		n.a.
M14	13 53	16 17	1 55	21 49	1 49	15 13	6 46	27 12	3 31	12 38	1 14	21 55	0 41	16 46	0 42	8 27	1 59	27 0	16 18	20 21	20 35	2 38		n.a.
T 15	13 33	12 14	3 5	21 32	1 53	15 20	6 38	27 10	3 29	12 38	1 14	21 54	0 41	16 45	0 42	8 27	1 59	27 1	16 18	20 22	20 36	2 40		n.a.
W16	13 13	7 25	4 3	21 14	1 57	15 27	6 29	27 8	3 27	12 38	1 14	21 53	0 41	16 44	0 42	8 26	1 59	27 1	16 18	20 22	20 36	2 43		n.a.
T 17	12 53	2 8	4 46	20 54	2 0	15 34	6 20	27 7	3 25	12 39	1 14	21 52	0 41	16 43	0 42	8 26	1 59	27 2	16 19	20 23	20 37	2 45		n.a.
F 18	12 32	3n14	5 9	20 32	2 3	15 41	6 11	27 5	3 24	12 39	1 14	21 51	0 41	16 42	0 42	8 26	1 59	27 3	16 19	20 24	20 38	2 47		n.a.
S 19	12 11	8 21	5 12	20 9	2 6	15 47	6 2	27 3	3 22	12 39	1 15	21 50	0 41	16 41	0 42	8 25	1 59	27 3	16 19	20 24	20 38	2 50		n.a.
S 20	11 50	12 56	4 56	19 45	2 8	15 53	5 53	27 2	3 20	12 39	1 15	21 48	0 41	16 40	0 42	8 25	1 59	27 4	16 19	20 25	20 39	2 52		n.a.
M21	11 29	16 42	4 22	19 18	2 10	15 59	5 43	27 0	3 19	12 39	1 15	21 47	0 42	16 39	0 42	8 25	1 59	27 5	16 19	20 25	20 40	2 55		n.a.
T 22	11 8	19 29	3 34	18 50	2 11	16 4	5 34	26 59	3 17	12 39	1 15	21 46	0 42	16 38	0 42	8 25	1 59	27 5	16 19	20 25	20 40	2 57		n.a.
W23	10 47	21 7	2 35	18 21	2 12	16 9	5 25	26 57	3 15	12 39	1 15	21 45	0 42	16 37	0 42	8 24	1 59	27 6	16 19	20 24	20 41	2 59		n.a.
T 24	10 25	21 33	1 29	17 49	2 12	16 14	5 15	26 55	3 14	12 39	1 15	21 44	0 42	16 36	0 42	8 24	1 59	27 7	16 19	20 24	20 42	3 2		n.a.
F 25	10 3	20 48	0 20	17 17	2 12	16 18	5 6	26 54	3 12	12 38	1 15	21 43	0 42	16 35	0 42	8 24	1 59	27 7	16 19	20 24	20 42	3 4		n.a.
S 26	9 41	19 0	0n50	16 42	2 11	16 22	4 57	26 52	3 10	12 38	1 16	21 42	0 42	16 34	0 42	8 23	1 59	27 8	16 19	20 24	20 43	3 7		n.a.
S 27	9 19	16 18	1 55	16 6	2 10	16 25	4 47	26 51	3 9	12 38	1 16	21 41	0 42	16 33	0 42	8 23	1 59	27 8	16 19	20 24	20 44	3 9		n.a.
M28	8s57	12n53	2n54	15s28	2s 8	16s29	4n38	26n49	3n 7	12s37	1n16	21s40	0s42	16s32	0s42	8s22	1n59	27n 9	16n19	20n25	20n44	3s11		n.a.

Julian Day Number = 1717436.5, Delta T = 02h57m40s
Ecliptic obliquity = 23°41'42, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°12'45, Lahiri = - 4°05'45 Julian Calendar 1 Feb. 11 BCE == Greg. Calendar 30 Jan. 011 BCE

The year -10 astronomical counting style corresponds to year 011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 11 BCE
geocentric

MARCH 11 BCE (-10) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 24 46	8♓11'49	16♍ 6	26♒26	27♉19	0♋25	6°R26	27♉10	17♒12	26°R12	28°R54	29°R39	28♋11	20♎ 7	n.a.	T 1
W 2	10 28 43	9°10'57	28°12	28°16	27°54	0°38	6♏25	27°16	17°15	26♎11	28♌52	29♋32	28° 8	20°14	n.a.	W 2
T 3	10 32 40	10°10'03	10♎11	0♓ 8	28°30	0°51	6°24	27°22	17°18	26°10	28°51	29°25	28° 4	20°21	n.a.	T 3
F 4	10 36 36	11° 9'07	22° 5	2° 2	29° 8	1° 5	6°22	27°28	17°22	26° 9	28°49	29°17	28° 1	20°27	n.a.	F 4
S 5	10 40 33	12° 8'09	3♏57	3°56	29°46	1°20	6°21	27°34	17°25	26° 8	28°47	29°10	27°58	20°34	n.a.	S 5
S 6	10 44 29	13° 7'10	15°50	5°52	0♒26	1°35	6°19	27°40	17°28	26° 7	28°46	29° 5	27°55	20°41	n.a.	S 6
M 7	10 48 26	14° 6'08	27°48	7°49	1° 7	1°50	6°16	27°46	17°31	26° 6	28°44	29° 1	27°52	20°47	n.a.	M 7
T 8	10 52 22	15° 5'05	9♐54	9°48	1°49	2° 6	6°14	27°51	17°34	26° 5	28°43	29°D 0	27°48	20°54	n.a.	T 8
W 9	10 56 19	16° 4'00	22°14	11°48	2°32	2°22	6°12	27°57	17°37	26° 4	28°41	29° 0	27°45	21° 1	n.a.	W 9
T 10	11 0 15	17° 2'53	4♑53	13°49	3°16	2°39	6° 9	28° 3	17°41	26° 3	28°40	29° 1	27°42	21° 8	n.a.	T 10
F 11	11 4 12	18° 1'44	17°54	15°51	4° 1	2°56	6° 6	28° 8	17°44	26° 1	28°38	29° 2	27°39	21°14	n.a.	F 11
S 12	11 8 9	19° 0'33	1♒22	17°55	4°47	3°14	6° 3	28°14	17°47	26° 0	28°37	29°R 3	27°36	21°21	n.a.	S 12
S 13	11 12 5	19°59'21	15°18	19°59	5°33	3°32	6° 0	28°19	17°50	25°59	28°35	29° 1	27°33	21°28	n.a.	S 13
M14	11 16 2	20°58'06	29°40	22° 4	6°21	3°50	5°57	28°25	17°53	25°58	28°34	28°58	27°29	21°35	n.a.	M14
T 15	11 19 58	21°56'50	14♓27	24°10	7° 9	4° 9	5°53	28°30	17°56	25°57	28°32	28°52	27°26	21°41	n.a.	T 15
W16	11 23 55	22°55'31	29°29	26°16	7°58	4°28	5°49	28°35	17°59	25°55	28°31	28°45	27°23	21°48	n.a.	W16
T 17	11 27 51	23°54'11	14♈38	28°22	8°47	4°48	5°45	28°40	18° 2	25°54	28°29	28°37	27°20	21°55	n.a.	T 17
F 18	11 31 48	24°52'48	29°44	0♈29	9°38	5° 8	5°41	28°45	18° 5	25°53	28°28	28°28	27°17	22° 1	n.a.	F 18
S 19	11 35 44	25°51'23	14♉37	2°35	10°29	5°28	5°37	28°50	18° 8	25°51	28°26	28°21	27°14	22° 8	n.a.	S 19
S 20	11 39 41	26°49'56	29° 9	4°40	11°20	5°49	5°33	28°55	18°10	25°50	28°25	28°16	27°10	22°15	n.a.	S 20
M21	11 43 37	27°48'27	13♊18	6°45	12°13	6° 9	5°28	29° 0	18°13	25°49	28°24	28°13	27° 7	22°22	n.a.	M21
T 22	11 47 34	28°46'55	27° 1	8°48	13° 6	6°31	5°24	29° 5	18°16	25°47	28°22	28°D12	27° 4	22°28	n.a.	T 22
W23	11 51 31	29°45'21	10♋22	10°50	13°59	6°52	5°19	29°10	18°19	25°46	28°21	28°12	27° 1	22°35	n.a.	W23
T 24	11 55 27	0♈43'45	23°21	12°50	14°53	7°14	5°14	29°14	18°22	25°44	28°19	28°R13	26°58	22°42	n.a.	T 24
F 25	11 59 24	1°42'07	6♌ 3	14°48	15°48	7°37	5° 9	29°19	18°24	25°43	28°18	28°13	26°54	22°49	n.a.	F 25
S 26	12 3 20	2°40'26	18°30	16°43	16°43	7°59	5° 3	29°23	18°27	25°41	28°17	28°11	26°51	22°55	n.a.	S 26
S 27	12 7 17	3°38'44	0♍47	18°36	17°38	8°22	4°58	29°28	18°30	25°40	28°16	28° 7	26°48	23° 2	n.a.	S 27
M28	12 11 13	4°36'59	12°56	20°25	18°34	8°45	4°52	29°32	18°32	25°38	28°14	27°59	26°45	23° 9	n.a.	M28
T 29	12 15 10	5°35'12	24°59	22°11	19°31	9° 9	4°47	29°37	18°35	25°37	28°13	27°50	26°42	23°15	n.a.	T 29
W30	12 19 6	6°33'24	6♎57	23°54	20°28	9°32	4°41	29°41	18°38	25°35	28°12	27°38	26°39	23°22	n.a.	W30
T 31	12 23 3	7♈31'33	18♎51	25♈33	21♒25	9♋56	4♏35	29♉45	18♒40	25♎34	28♌11	27♋25	26♋35	23♎29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	8s35	8n59	3n45	14s49	2s 6	16s31	4n29	26n47	3n 6	12s37	1n16	21s39	0s42	16s31	0s42	8s22	1n59	27n10	16n19	20n26	20n45	3s14			n.a.
W 2	8 13	4 45	4 24	14 8	2 4	16 34	4 20	26 46	3 4	12 36	1 16	21 37	0 43	16 30	0 42	8 22	2 0	27 10	16 19	20 28	20 45	3 16			n.a.
T 3	7 50	0 24	4 52	13 25	2 0	16 35	4 11	26 44	3 2	12 36	1 16	21 36	0 43	16 29	0 42	8 21	2 0	27 11	16 19	20 30	20 46	3 19			n.a.
F 4	7 28	3s57	5 6	12 41	1 57	16 37	4 1	26 42	3 1	12 35	1 16	21 35	0 43	16 28	0 42	8 21	2 0	27 11	16 19	20 31	20 47	3 21			n.a.
S 5	7 5	8 9	5 8	11 55	1 52	16 38	3 52	26 41	2 59	12 34	1 17	21 34	0 43	16 27	0 42	8 20	2 0	27 12	16 19	20 33	20 47	3 24			n.a.
S 6	6 42	12 2	4 56	11 7	1 48	16 38	3 43	26 39	2 58	12 34	1 17	21 33	0 43	16 26	0 42	8 20	2 0	27 12	16 19	20 34	20 48	3 26			n.a.
M 7	6 19	15 29	4 31	10 18	1 42	16 38	3 35	26 37	2 56	12 33	1 17	21 32	0 43	16 25	0 42	8 20	2 0	27 13	16 19	20 34	20 49	3 28			n.a.
T 8	5 56	18 19	3 54	9 28	1 37	16 37	3 26	26 35	2 55	12 32	1 17	21 31	0 43	16 24	0 42	8 19	2 0	27 13	16 18	20 35	20 49	3 31			n.a.
W 9	5 33	20 23	3 5	8 36	1 30	16 36	3 17	26 33	2 53	12 31	1 17	21 30	0 43	16 23	0 42	8 19	2 0	27 14	16 18	20 35	20 50	3 33			n.a.
T 10	5 10	21 30	2 7	7 42	1 23	16 35	3 8	26 32	2 51	12 30	1 17	21 29	0 44	16 22	0 42	8 18	2 0	27 14	16 18	20 34	20 51	3 36			n.a.
F 11	4 47	21 30	1 0	6 48	1 16	16 33	3 0	26 30	2 50	12 29	1 17	21 28	0 44	16 21	0 42	8 18	2 0	27 15	16 18	20 34	20 51	3 38			n.a.
S 12	4 24	20 16	0s13	5 52	1 8	16 30	2 51	26 28	2 48	12 28	1 17	21 27	0 44	16 20	0 42	8 17	2 0	27 15	16 18	20 34	20 52	3 40			n.a.
S 13	4 0	17 48	1 26	4 55	0 59	16 27	2 43	26 26	2 47	12 27	1 18	21 26	0 44	16 19	0 42	8 17	2 0	27 16	16 18	20 34	20 52	3 43			n.a.
M14	3 37	14 9	2 37	3 57	0 50	16 23	2 35	26 24	2 45	12 25	1 18	21 25	0 44	16 19	0 42	8 16	2 0	27 16	16 18	20 35	20 53	3 45			n.a.
T 15	3 14	9 33	3 39	2 58	0 41	16 19	2 27	26 22	2 44	12 24	1 18	21 24	0 44	16 18	0 42	8 16	2 0	27 16	16 18	20 36	20 54	3 48			n.a.
W16	2 50	4 17	4 27	1 58	0 31	16 14	2 19	26 20	2 43	12 23	1 18	21 23	0 44	16 17	0 42	8 15	2 0	27 17	16 17	20 38	20 54	3 50			n.a.
T 17	2 27	1n17	4 56	0 58	0 21	16 9	2 11	26 17	2 41	12 21	1 18	21 22	0 44	16 16	0 42	8 15	2 0	27 17	16 17	20 40	20 55	3 53			n.a.
F 18	2 3	6 44	5 5	0n 2	0 10	16 3	2 3	26 15	2 40	12 20	1 18	21 21	0 45	16 15	0 43	8 14	2 0	27 18	16 17	20 41	20 56	3 55			n.a.
S 19	1 40	11 44	4 53	1 3	0n 0	15 57	1 55	26 13	2 38	12 19	1 18	21 20	0 45	16 14	0 43	8 14	2 0	27 18	16 17	20 43	20 56	3 57			n.a.
S 20	1 16	15 55	4 22	2 3	0 11	15 50	1 48	26 11	2 37	12 17	1 18	21 20	0 45	16 13	0 43	8 13	2 0	27 18	16 17	20 44	20 57	4 0			n.a.
M21	0 53	19 4	3 36	3 3	0 23	15 43	1 40	26 8	2 35	12 15	1 18	21 19	0 45	16 12	0 43	8 13	2 0	27 19	16 16	20 44	20 57	4 2			n.a.
T 22	0 29	21 1	2 39	4 3	0 34	15 35	1 33	26 6	2 34	12 14	1 18	21 18	0 45	16 11	0 43	8 12	2 0	27 19	16 16	20 45	20 58	4 5			n.a.
W23	0 6	21 44	1 34	5 1	0 45	15 27	1 26	26 3	2 33	12 12	1 18	21 17	0 45	16 11	0 43	8 12	2 0	27 19	16 16	20 44	20 59	4 7			n.a.
T 24	0n18	21 14	0 26	5 59	0 56	15 18	1 18	26 1	2 31	12 10	1 19	21 16	0 45	16 10	0 43	8 11	2 0	27 19	16 16	20 44	20 59	4 10			n.a.
F 25	0 41	19 38	0n42	6 55	1 7	15 8	1 11	25 58	2 30	12 9	1 19	21 15	0 46	16 9	0 43	8 10	2 0	27 20	16 16	20 44	21 0	4 12			n.a.
S 26	1 4	17 7	1 46	7 50	1 18	14 58	1 4	25 55	2 29	12 7	1 19	21 14	0 46	16 8	0 43	8 10	2 0	27 20	16 15	20 45	21 1	4 14			n.a.
S 27	1 28	13 52	2 44	8 43	1 28	14 48	0 58	25 53	2 27	12 5	1 19	21 14	0 46	16 7	0 43	8 9	2 0	27 20	16 15	20 46	21 1	4 17			n.a.
M28	1 51	10 4	3 34	9 34	1 38	14 37	0 51	25 50	2 26	12 3	1 19	21 13	0 46	16 6	0 43	8 9	2 0	27 20	16 15	20 47	21 2	4 19			n.a.
T 29	2 15	5 54	4 14	10 23	1 47	14 25	0 44	25 47	2 25	12 1	1 19	21 12	0 46	16 6	0 43	8 8	2 1	27 21	16 15	20 49	21 2	4 22			n.a.
W30	2 38	1 32	4 42	11 10	1 56	14 13	0 38	25 44	2 23	11 59	1 19	21 11	0 46	16 5	0 43	8 8	2 1	27 21	16 14	20 51	21 3	4 24			n.a.
T 31	3n 1	2s52	4n58	11n55	2n 5	14s 1	0n32	25n41	2n22	11s57	1n19	21s11	0s46	16s 4	0s43	8s 7	2n 1	27n21	16n14	20n54	21n 4	4s27			n.a.

Julian Day Number = 1717464.5, Delta T = 02h57m39s
Ecliptic obliquity = 23°41'43, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°12'41, Lahiri = - 4°05'41 Julian Calendar 1 March 11 BCE == Greg. Calendar 27 Feb. 011 BCE

The year -10 astronomical counting style corresponds to year 011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 11 BCE
geocentric

APRIL 11 BCE (-10) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 27 0	8♈29'41	0♏44	27♈ 8	22♒23	10♋21	4°R29	29♉49	18♒43	25°R32	28°R10	27°R12	26♋32	23♎36	n.a.	F 1
S 2	12 30 56	9°27'47	12°37	28°39	23°21	10°45	4♏23	29°53	18°45	25♎31	28♌ 8	27♋ 1	26°29	23°42	n.a.	S 2
S 3	12 34 53	10°25'52	24°31	0♉ 7	24°20	11°10	4°16	29°57	18°48	25°29	28° 7	26°51	26°26	23°49	n.a.	S 3
M 4	12 38 49	11°23'55	6♐30	1°30	25°19	11°35	4°10	0♒ 1	18°50	25°28	28° 6	26°43	26°23	23°56	n.a.	M 4
T 5	12 42 46	12°21'56	18°36	2°49	26°18	12° 0	4° 3	0° 5	18°52	25°26	28° 5	26°39	26°20	24° 2	n.a.	T 5
W 6	12 46 42	13°19'56	0♑55	4° 3	27°18	12°26	3°57	0° 8	18°55	25°25	28° 4	26°36	26°16	24° 9	n.a.	W 6
T 7	12 50 39	14°17'55	13°30	5°13	28°18	12°52	3°50	0°12	18°57	25°23	28° 3	26°D36	26°13	24°16	n.a.	T 7
F 8	12 54 35	15°15'52	26°26	6°19	29°19	13°18	3°43	0°15	18°59	25°22	28° 2	26°R36	26°10	24°23	n.a.	F 8
S 9	12 58 32	16°13'48	9♒48	7°20	0♓19	13°44	3°36	0°19	19° 1	25°20	28° 1	26°35	26° 7	24°29	n.a.	S 9
S 10	13 2 28	17°11'42	23°38	8°17	1°20	14°10	3°29	0°22	19° 4	25°18	28° 0	26°33	26° 4	24°36	n.a.	S 10
M11	13 6 25	18° 9'35	7♓57	9° 8	2°22	14°37	3°22	0°25	19° 6	25°17	27°59	26°29	26° 0	24°43	n.a.	M11
T 12	13 10 22	19° 7'27	22°42	9°55	3°23	15° 4	3°15	0°28	19° 8	25°15	27°58	26°22	25°57	24°50	n.a.	T 12
W13	13 14 18	20° 5'17	7♈49	10°38	4°25	15°31	3° 8	0°31	19°10	25°13	27°58	26°12	25°54	24°56	n.a.	W13
T 14	13 18 15	21° 3'06	23° 7	11°15	5°27	15°58	3° 1	0°34	19°12	25°12	27°57	26° 2	25°51	25° 3	n.a.	T 14
F 15	13 22 11	22° 0'53	8♉25	11°48	6°30	16°26	2°53	0°37	19°14	25°10	27°56	25°51	25°48	25°10	n.a.	F 15
S 16	13 26 8	22°58'39	23°32	12°16	7°32	16°53	2°46	0°40	19°16	25° 9	27°55	25°41	25°45	25°16	n.a.	S 16
S 17	13 30 4	23°56'23	8♊19	12°38	8°35	17°21	2°39	0°43	19°18	25° 7	27°54	25°34	25°41	25°23	n.a.	S 17
M18	13 34 1	24°54'05	22°39	12°56	9°38	17°50	2°31	0°45	19°20	25° 5	27°54	25°29	25°38	25°30	n.a.	M18
T 19	13 37 57	25°51'46	6♋31	13° 9	10°42	18°18	2°24	0°48	19°22	25° 4	27°53	25°27	25°35	25°37	n.a.	T 19
W20	13 41 54	26°49'25	19°55	13°17	11°45	18°46	2°16	0°50	19°23	25° 2	27°52	25°26	25°32	25°43	n.a.	W20
T 21	13 45 51	27°47'03	2♌54	13°R20	12°49	19°15	2° 9	0°53	19°25	25° 0	27°52	25°26	25°29	25°50	n.a.	T 21
F 22	13 49 47	28°44'38	15°32	13°18	13°53	19°44	2° 1	0°55	19°27	24°59	27°51	25°25	25°25	25°57	n.a.	F 22
S 23	13 53 44	29°42'12	27°53	13°12	14°57	20°13	1°53	0°57	19°28	24°57	27°50	25°23	25°22	26° 4	n.a.	S 23
S 24	13 57 40	0♊39'45	10♍ 3	13° 1	16° 2	20°42	1°46	0°59	19°30	24°56	27°50	25°18	25°19	26°10	n.a.	S 24
M25	14 1 37	1°37'16	22° 4	12°46	17° 6	21°12	1°38	1° 1	19°32	24°54	27°49	25°11	25°16	26°17	n.a.	M25
T 26	14 5 33	2°34'46	4♎ 0	12°28	18°11	21°41	1°30	1° 3	19°33	24°52	27°49	25° 0	25°13	26°24	n.a.	T 26
W27	14 9 30	3°32'14	15°53	12° 5	19°16	22°11	1°23	1° 5	19°35	24°51	27°48	24°48	25°10	26°30	n.a.	W27
T 28	14 13 26	4°29'41	27°45	11°40	20°21	22°41	1°15	1° 7	19°36	24°49	27°48	24°35	25° 6	26°37	n.a.	T 28
F 29	14 17 23	5°27'07	9♏39	11°12	21°26	23°11	1° 8	1° 8	19°37	24°48	27°48	24°21	25° 3	26°44	n.a.	F 29
S 30	14 21 20	6♉24'32	21♏34	10♉41	22♓32	23♋41	1♏ 0	1♒10	19♒39	24♎46	27♌47	24♋ 9	25♋ 0	26♎51	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3n24	7s10	5n 1	12n37	2n12	13s48	0n26	25n37	2n21	11s55	1n19	21s10	0s47	16s 3	0s43	8s 7	2n 1	27n21	16n14	20n56	21n 4	4s29		n.a.
S 2	3 47	11 11	4 50	13 17	2 19	13 34	0 19	25 34	2 19	11 53	1 19	21 9	0 47	16 3	0 43	8 6	2 1	27 21	16 13	20 59	21 5	4 31		n.a.
S 3	4 10	14 47	4 27	13 54	2 25	13 20	0 14	25 31	2 18	11 50	1 19	21 8	0 47	16 2	0 43	8 5	2 1	27 21	16 13	21 1	21 6	4 34		n.a.
M 4	4 33	17 48	3 52	14 28	2 31	13 6	0 8	25 27	2 17	11 48	1 19	21 8	0 47	16 1	0 43	8 5	2 1	27 22	16 13	21 2	21 6	4 36		n.a.
T 5	4 56	20 6	3 7	15 0	2 35	12 51	0 2	25 24	2 16	11 46	1 19	21 7	0 47	16 0	0 43	8 4	2 1	27 22	16 12	21 3	21 7	4 39		n.a.
W 6	5 19	21 30	2 12	15 30	2 39	12 36	0s 4	25 20	2 14	11 44	1 19	21 6	0 47	16 0	0 43	8 4	2 1	27 22	16 12	21 3	21 7	4 41		n.a.
T 7	5 42	21 52	1 9	15 57	2 42	12 20	0 9	25 16	2 13	11 41	1 19	21 6	0 47	15 59	0 43	8 3	2 1	27 22	16 12	21 4	21 8	4 44		n.a.
F 8	6 4	21 5	0 1	16 21	2 44	12 4	0 14	25 13	2 12	11 39	1 19	21 5	0 48	15 58	0 43	8 2	2 1	27 22	16 12	21 4	21 9	4 46		n.a.
S 9	6 27	19 6	1s 9	16 42	2 45	11 47	0 20	25 9	2 11	11 37	1 19	21 5	0 48	15 58	0 43	8 2	2 1	27 22	16 11	21 4	21 9	4 49		n.a.
S 10	6 49	15 57	2 18	17 1	2 45	11 30	0 25	25 5	2 9	11 34	1 19	21 4	0 48	15 57	0 43	8 1	2 1	27 22	16 11	21 4	21 10	4 51		n.a.
M11	7 12	11 46	3 20	17 17	2 44	11 12	0 30	25 1	2 8	11 32	1 19	21 4	0 48	15 56	0 43	8 1	2 1	27 22	16 10	21 5	21 10	4 53		n.a.
T 12	7 34	6 45	4 11	17 31	2 42	10 54	0 34	24 56	2 7	11 30	1 19	21 3	0 48	15 56	0 43	8 0	2 1	27 22	16 10	21 6	21 11	4 56		n.a.
W13	7 56	1 14	4 45	17 41	2 39	10 36	0 39	24 52	2 6	11 27	1 19	21 2	0 48	15 55	0 43	7 59	2 1	27 22	16 10	21 8	21 12	4 58		n.a.
T 14	8 18	4n26	5 0	17 49	2 35	10 17	0 44	24 48	2 5	11 25	1 19	21 2	0 49	15 55	0 43	7 59	2 1	27 22	16 9	21 10	21 12	5 1		n.a.
F 15	8 40	9 50	4 53	17 55	2 30	9 58	0 48	24 43	2 4	11 22	1 19	21 2	0 49	15 54	0 43	7 58	2 1	27 22	16 9	21 12	21 13	5 3		n.a.
S 16	9 2	14 34	4 26	17 58	2 24	9 39	0 53	24 38	2 2	11 20	1 19	21 1	0 49	15 53	0 43	7 58	2 1	27 22	16 9	21 14	21 13	5 6		n.a.
S 17	9 23	18 17	3 41	17 58	2 17	9 19	0 57	24 34	2 1	11 17	1 19	21 1	0 49	15 53	0 43	7 57	2 1	27 22	16 8	21 15	21 14	5 8		n.a.
M18	9 45	20 46	2 44	17 55	2 8	8 59	1 1	24 29	2 0	11 15	1 19	21 0	0 49	15 52	0 43	7 56	2 1	27 22	16 8	21 16	21 15	5 10		n.a.
T 19	10 6	21 54	1 38	17 51	1 59	8 38	1 5	24 24	1 59	11 12	1 19	21 0	0 49	15 52	0 43	7 56	2 1	27 22	16 8	21 17	21 15	5 13		n.a.
W20	10 27	21 43	0 29	17 43	1 49	8 17	1 9	24 19	1 58	11 9	1 19	20 59	0 50	15 51	0 43	7 55	2 1	27 21	16 7	21 17	21 16	5 15		n.a.
T 21	10 48	20 22	0n39	17 33	1 37	7 56	1 12	24 13	1 57	11 7	1 19	20 59	0 50	15 51	0 44	7 55	2 1	27 21	16 7	21 17	21 16	5 18		n.a.
F 22	11 9	18 0	1 44	17 21	1 25	7 34	1 16	24 8	1 56	11 4	1 19	20 59	0 50	15 50	0 44	7 54	2 1	27 21	16 6	21 17	21 17	5 20		n.a.
S 23	11 29	14 52	2 42	17 6	1 11	7 13	1 20	24 3	1 55	11 2	1 19	20 58	0 50	15 50	0 44	7 53	2 1	27 21	16 6	21 17	21 17	5 23		n.a.
S 24	11 50	11 9	3 32	16 49	0 57	6 50	1 23	23 57	1 54	10 59	1 18	20 58	0 50	15 49	0 44	7 53	2 1	27 21	16 5	21 18	21 18	5 25		n.a.
M25	12 10	7 2	4 12	16 30	0 42	6 28	1 26	23 51	1 52	10 57	1 18	20 58	0 50	15 49	0 44	7 52	2 1	27 21	16 5	21 20	21 19	5 27		n.a.
T 26	12 30	2 41	4 40	16 10	0 26	6 5	1 29	23 46	1 51	10 54	1 18	20 58	0 51	15 48	0 44	7 52	2 1	27 20	16 5	21 21	21 19	5 30		n.a.
W27	12 50	1s46	4 56	15 47	0 10	5 42	1 32	23 40	1 50	10 51	1 18	20 57	0 51	15 48	0 44	7 51	2 1	27 20	16 4	21 24	21 20	5 32		n.a.
T 28	13 9	6 8	4 59	15 23	0s 7	5 19	1 35	23 34	1 49	10 49	1 18	20 57	0 51	15 47	0 44	7 51	2 1	27 20	16 4	21 26	21 20	5 35		n.a.
F 29	13 29	10 17	4 49	14 58	0 24	4 56	1 38	23 27	1 48	10 46	1 18	20 57	0 51	15 47	0 44	7 50	2 1	27 20	16 3	21 29	21 21	5 37		n.a.
S 30	13n48	14s 3	4n27	14n33	0s41	4s32	1s41	23n21	1n47	10s44	1n18	20s57	0s51	15s47	0s44	7s49	2n 1	27n20	16n 3	21n31	21n22	5s40		n.a.

Julian Day Number = 1717495.5, Delta T = 02h57m38s
Ecliptic obliquity = 23°41'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°12'37, Lahiri = - 4°05'36 Julian Calendar 1 Apr. 11 BCE == Greg. Calendar 30 March 011 BCE

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ASTRODIENST EPHEMERIS for the year 11 BCE
geocentric

MAY 11 BCE (-10) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 25 16	7♉21'56	3♐33	10°R 9	23♓37	24♋11	0°R52	1♒11	19♒40	24°R44	27°R47	23°R58	24♋57	26♎57	n.a.	S 1
M 2	14 29 13	8°19'19	15°38	9♉36	24°43	24°42	0♏45	1°12	19°41	24♎43	27♌47	23♋50	24°54	27° 4	n.a.	M 2
T 3	14 33 9	9°16'41	27°50	9° 2	25°49	25°12	0°37	1°13	19°43	24°41	27°46	23°45	24°51	27°11	n.a.	T 3
W 4	14 37 6	10°14'03	10♊13	8°29	26°55	25°43	0°30	1°15	19°44	24°40	27°46	23°42	24°47	27°17	n.a.	W 4
T 5	14 41 2	11°11'23	22°50	7°56	28° 2	26°14	0°23	1°16	19°45	24°38	27°46	23°D42	24°44	27°24	n.a.	T 5
F 6	14 44 59	12° 8'43	5♒46	7°24	29° 8	26°45	0°15	1°16	19°46	24°37	27°46	23°R42	24°41	27°31	n.a.	F 6
S 7	14 48 55	13° 6'03	19° 4	6°54	0♈15	27°16	0° 8	1°17	19°47	24°35	27°45	23°42	24°38	27°38	n.a.	S 7
S 8	14 52 52	14° 3'21	2♓46	6°26	1°21	27°48	0° 1	1°18	19°48	24°34	27°45	23°41	24°35	27°44	n.a.	S 8
M 9	14 56 49	15° 0'39	16°55	6° 1	2°28	28°19	29♎53	1°19	19°49	24°32	27°45	23°37	24°31	27°51	n.a.	M 9
T 10	15 0 45	15°57'57	1♈30	5°38	3°35	28°51	29°46	1°19	19°50	24°31	27°45	23°31	24°28	27°58	n.a.	T 10
W11	15 4 42	16°55'14	16°26	5°20	4°42	29°22	29°39	1°20	19°51	24°29	27°D45	23°24	24°25	28° 5	n.a.	W11
T 12	15 8 38	17°52'30	1♉36	5° 5	5°49	29°54	29°32	1°20	19°51	24°28	27°45	23°14	24°22	28°11	n.a.	T 12
F 13	15 12 35	18°49'46	16°50	4°54	6°57	0♌26	29°25	1°20	19°52	24°26	27°45	23° 5	24°19	28°18	n.a.	F 13
S 14	15 16 31	19°47'01	1♊57	4°47	8° 4	0°59	29°19	1°20	19°53	24°25	27°45	22°57	24°16	28°25	n.a.	S 14
S 15	15 20 28	20°44'16	16°48	4°D45	9°12	1°31	29°12	1°R20	19°54	24°23	27°45	22°50	24°12	28°31	n.a.	S 15
M16	15 24 24	21°41'30	1♋14	4°47	10°19	2° 3	29° 5	1°20	19°54	24°22	27°46	22°46	24° 9	28°38	n.a.	M16
T 17	15 28 21	22°38'43	15°13	4°53	11°27	2°36	28°59	1°20	19°55	24°21	27°46	22°44	24° 6	28°45	n.a.	T 17
W18	15 32 18	23°35'55	28°43	5° 5	12°35	3° 8	28°53	1°20	19°55	24°19	27°46	22°D44	24° 3	28°52	n.a.	W18
T 19	15 36 14	24°33'06	11♌46	5°20	13°43	3°41	28°46	1°19	19°56	24°18	27°46	22°45	24° 0	28°58	n.a.	T 19
F 20	15 40 11	25°30'17	24°27	5°41	14°51	4°14	28°40	1°19	19°56	24°17	27°46	22°R45	23°57	29° 5	n.a.	F 20
S 21	15 44 7	26°27'27	6♍49	6° 5	15°59	4°47	28°34	1°18	19°56	24°15	27°47	22°45	23°53	29°12	n.a.	S 21
S 22	15 48 4	27°24'36	18°57	6°35	17° 8	5°20	28°28	1°18	19°57	24°14	27°47	22°42	23°50	29°19	n.a.	S 22
M23	15 52 0	28°21'44	0♎56	7° 9	18°16	5°53	28°22	1°17	19°57	24°13	27°47	22°38	23°47	29°25	n.a.	M23
T 24	15 55 57	29°18'52	12°49	7°47	19°24	6°27	28°17	1°16	19°57	24°11	27°48	22°31	23°44	29°32	n.a.	T 24
W25	15 59 53	0♊15'59	24°41	8°29	20°33	7° 0	28°11	1°15	19°57	24°10	27°48	22°23	23°41	29°39	n.a.	W25
T 26	16 3 50	1°13'06	6♏34	9°16	21°42	7°34	28° 6	1°14	19°57	24° 9	27°49	22°14	23°37	29°45	n.a.	T 26
F 27	16 7 47	2°10'13	18°31	10° 7	22°50	8° 8	28° 1	1°13	19°58	24° 8	27°49	22° 4	23°34	29°52	n.a.	F 27
S 28	16 11 43	3° 7'19	0♐32	11° 2	23°59	8°41	27°55	1°11	19°R58	24° 7	27°50	21°55	23°31	29°59	n.a.	S 28
S 29	16 15 40	4° 4'25	12°39	12° 1	25° 8	9°15	27°50	1°10	19°58	24° 5	27°50	21°48	23°28	0♏ 6	n.a.	S 29
M30	16 19 36	5° 1'31	24°55	13° 4	26°17	9°49	27°46	1° 9	19°57	24° 4	27°51	21°43	23°25	0°12	n.a.	M30
T 31	16 23 33	5♊58'37	7♊19	14♉11	27♈26	10♌23	27♎41	1♒ 7	19♒57	24♎ 3	27♌52	21♋40	23♋22	0♏19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	14n 7	17s17	3n52	14n 6	0s58	4s 8	1s43	23n15	1n46	10s41	1n18	20s57	0s51	15s46	0s44	7s49	2n 1	27n19	16n 3	21n33	21n22	5s42			n.a.
M 2	14 26	19 49	3 7	13 39	1 15	3 44	1 46	23 8	1 45	10 39	1 18	20 57	0 52	15 46	0 44	7 48	2 1	27 19	16 2	21 34	21 23	5 45			n.a.
T 3	14 44	21 28	2 12	13 13	1 32	3 19	1 48	23 2	1 44	10 36	1 17	20 56	0 52	15 45	0 44	7 48	2 1	27 19	16 2	21 35	21 23	5 47			n.a.
W 4	15 3	22 7	1 11	12 46	1 48	2 55	1 50	22 55	1 43	10 34	1 17	20 56	0 52	15 45	0 44	7 47	2 1	27 18	16 1	21 35	21 24	5 49			n.a.
T 5	15 21	21 40	0 5	12 21	2 4	2 30	1 52	22 48	1 42	10 31	1 17	20 56	0 52	15 45	0 44	7 47	2 1	27 18	16 1	21 36	21 24	5 52			n.a.
F 6	15 39	20 4	1s 4	11 56	2 19	2 5	1 54	22 41	1 41	10 29	1 17	20 56	0 52	15 44	0 44	7 46	2 1	27 18	16 0	21 35	21 25	5 54			n.a.
S 7	15 56	17 20	2 10	11 33	2 33	1 40	1 56	22 34	1 40	10 26	1 17	20 56	0 52	15 44	0 44	7 45	2 1	27 17	16 0	21 35	21 26	5 57			n.a.
S 8	16 14	13 34	3 12	11 11	2 47	1 15	1 58	22 26	1 39	10 24	1 17	20 56	0 53	15 44	0 44	7 45	2 1	27 17	15 59	21 36	21 26	5 59			n.a.
M 9	16 31	8 57	4 3	10 51	2 59	0 50	1 59	22 19	1 38	10 22	1 17	20 56	0 53	15 44	0 44	7 44	2 1	27 17	15 59	21 36	21 27	6 2			n.a.
T 10	16 48	3 41	4 41	10 33	3 10	0 24	2 1	22 11	1 37	10 19	1 16	20 56	0 53	15 43	0 44	7 44	2 0	27 16	15 59	21 37	21 27	6 4			n.a.
W11	17 4	1n54	5 1	10 18	3 20	0n 1	2 2	22 4	1 36	10 17	1 16	20 56	0 53	15 43	0 44	7 43	2 0	27 16	15 58	21 39	21 28	6 7			n.a.
T 12	17 20	7 28	5 0	10 5	3 29	0 27	2 3	21 56	1 35	10 15	1 16	20 56	0 53	15 43	0 44	7 43	2 0	27 15	15 58	21 40	21 28	6 9			n.a.
F 13	17 36	12 37	4 38	9 54	3 36	0 53	2 4	21 48	1 34	10 12	1 16	20 57	0 53	15 43	0 44	7 42	2 0	27 15	15 57	21 42	21 29	6 11			n.a.
S 14	17 52	16 55	3 56	9 46	3 43	1 19	2 6	21 40	1 33	10 10	1 16	20 57	0 54	15 43	0 44	7 42	2 0	27 14	15 57	21 43	21 30	6 14			n.a.
S 15	18 8	20 4	2 59	9 40	3 48	1 45	2 6	21 32	1 32	10 8	1 16	20 57	0 54	15 42	0 44	7 41	2 0	27 14	15 56	21 44	21 30	6 16			n.a.
M16	18 23	21 49	1 52	9 37	3 52	2 11	2 7	21 24	1 31	10 6	1 15	20 57	0 54	15 42	0 44	7 41	2 0	27 13	15 56	21 45	21 31	6 19			n.a.
T 17	18 38	22 9	0 40	9 37	3 54	2 37	2 8	21 15	1 30	10 4	1 15	20 57	0 54	15 42	0 45	7 40	2 0	27 13	15 55	21 45	21 31	6 21			n.a.
W18	18 52	21 10	0n32	9 39	3 56	3 3	2 9	21 7	1 29	10 1	1 15	20 58	0 54	15 42	0 45	7 40	2 0	27 12	15 55	21 45	21 32	6 24			n.a.
T 19	19 7	19 2	1 40	9 44	3 56	3 29	2 9	20 58	1 28	9 59	1 15	20 58	0 54	15 42	0 45	7 39	2 0	27 12	15 54	21 45	21 32	6 26			n.a.
F 20	19 21	16 3	2 41	9 51	3 56	3 55	2 10	20 49	1 27	9 57	1 14	20 58	0 55	15 42	0 45	7 39	2 0	27 11	15 54	21 45	21 33	6 29			n.a.
S 21	19 34	12 24	3 33	10 1	3 54	4 22	2 10	20 40	1 26	9 55	1 14	20 58	0 55	15 42	0 45	7 39	2 0	27 11	15 53	21 45	21 33	6 31			n.a.
S 22	19 47	8 19	4 15	10 13	3 52	4 48	2 10	20 31	1 25	9 54	1 14	20 59	0 55	15 42	0 45	7 38	2 0	27 10	15 53	21 46	21 34	6 33			n.a.
M23	20 0	3 58	4 44	10 27	3 48	5 14	2 10	20 22	1 24	9 52	1 14	20 59	0 55	15 42	0 45	7 38	2 0	27 10	15 53	21 46	21 35	6 36			n.a.
T 24	20 13	0s30	5 1	10 43	3 44	5 40	2 10	20 12	1 24	9 50	1 14	20 59	0 55	15 42	0 45	7 37	2 0	27 9	15 52	21 47	21 35	6 38			n.a.
W25	20 25	4 56	5 5	11 2	3 39	6 6	2 10	20 3	1 23	9 48	1 13	21 0	0 55	15 42	0 45	7 37	2 0	27 9	15 52	21 49	21 36	6 41			n.a.
T 26	20 37	9 12	4 56	11 23	3 33	6 32	2 10	19 53	1 22	9 46	1 13	21 0	0 56	15 42	0 45	7 36	2 0	27 8	15 51	21 50	21 36	6 43			n.a.
F 27	20 49	13 8	4 34	11 45	3 26	6 58	2 10	19 44	1 21	9 45	1 13	21 1	0 56	15 42	0 45	7 36	2 0	27 7	15 51	21 52	21 37	6 46			n.a.
S 28	21 0	16 34	4 0	12 9	3 19	7 24	2 9	19 34	1 20	9 43	1 13	21 1	0 56	15 42	0 45	7 36	2 0	27 7	15 50	21 53	21 37	6 48			n.a.
S 29	21 11	19 21	3 14	12 35	3 10	7 50	2 9	19 24	1 19	9 42	1 12	21 1	0 56	15 42	0 45	7 35	2 0	27 6	15 50	21 54	21 38	6 50			n.a.
M30	21 22	21 17	2 19	13 2	3 2	8 16	2 8	19 14	1 18	9 40	1 12	21 2	0 56	15 42	0 45	7 35	2 0	27 6	15 49	21 55	21 38	6 53			n.a.
T 31	21n32	22s13	1n17	13n31	2s53	8n41	2s 8	19n 4	1n17	9s39	1n12	21s 2	0s56	15s42	0s45	7s34	2n 0	27n 5	15n49	21n56	21n39	6s55			n.a.

Julian Day Number = 1717525.5, Delta T = 02h57m37s
Ecliptic obliquity = 23°41'43, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°12'33, Lahiri = - 4°05'32 Julian Calendar 1 May 11 BCE == Greg. Calendar 29 Apr. 011 BCE

The year -10 astronomical counting style corresponds to year 011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 11 BCE
geocentric

JUNE 11 BCE (-10) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 27 29	6♊55'43	19♉54	15♉22	28♈36	10♌57	27°R36	1°R 6	19°R57	24°R 2	27♌52	21°D39	23♋18	0♏26	n.a.	W 1
T 2	16 31 26	7°52'49	2♒42	16°37	29°45	11°32	27♎32	1♒ 4	19♒57	24♎ 1	27°53	21♋39	23°15	0°32	n.a.	T 2
F 3	16 35 23	8°49'56	15°46	17°56	0♉54	12° 6	27°28	1° 2	19°57	24° 0	27°54	21°41	23°12	0°39	n.a.	F 3
S 4	16 39 19	9°47'02	29° 6	19°18	2° 4	12°41	27°24	1° 0	19°56	23°59	27°54	21°42	23° 9	0°46	n.a.	S 4
S 5	16 43 16	10°44'09	12♓47	20°44	3°13	13°15	27°20	0°58	19°56	23°58	27°55	21°R42	23° 6	0°53	n.a.	S 5
M 6	16 47 12	11°41'17	26°48	22°14	4°23	13°50	27°16	0°56	19°56	23°57	27°56	21°41	23° 3	0°59	n.a.	M 6
T 7	16 51 9	12°38'24	11♈ 9	23°47	5°33	14°25	27°13	0°54	19°55	23°56	27°57	21°39	22°59	1° 6	n.a.	T 7
W 8	16 55 5	13°35'32	25°48	25°24	6°42	15° 0	27° 9	0°52	19°55	23°55	27°58	21°35	22°56	1°13	n.a.	W 8
T 9	16 59 2	14°32'41	10♉38	27° 4	7°52	15°35	27° 6	0°49	19°54	23°54	27°58	21°30	22°53	1°20	n.a.	T 9
F 10	17 2 58	15°29'50	25°34	28°48	9° 2	16°10	27° 3	0°47	19°53	23°53	27°59	21°24	22°50	1°26	n.a.	F 10
S 11	17 6 55	16°26'59	10♊25	0♊34	10°12	16°45	27° 0	0°44	19°53	23°52	28° 0	21°20	22°47	1°33	n.a.	S 11
S 12	17 10 52	17°24'09	25° 5	2°24	11°22	17°20	26°57	0°42	19°52	23°52	28° 1	21°16	22°43	1°40	n.a.	S 12
M13	17 14 48	18°21'19	9♋26	4°17	12°32	17°55	26°55	0°39	19°51	23°51	28° 2	21°14	22°40	1°46	n.a.	M13
T 14	17 18 45	19°18'29	23°23	6°12	13°43	18°31	26°53	0°36	19°51	23°50	28° 3	21°D14	22°37	1°53	n.a.	T 14
W15	17 22 41	20°15'40	6♌55	8°10	14°53	19° 7	26°50	0°34	19°50	23°49	28° 4	21°14	22°34	2° 0	n.a.	W15
T 16	17 26 38	21°12'50	20° 3	10°10	16° 3	19°42	26°48	0°31	19°49	23°49	28° 6	21°16	22°31	2° 7	n.a.	T 16
F 17	17 30 34	22°10'01	2♍47	12°13	17°14	20°18	26°47	0°28	19°48	23°48	28° 7	21°17	22°28	2°13	n.a.	F 17
S 18	17 34 31	23° 7'12	15°12	14°16	18°24	20°54	26°45	0°25	19°47	23°47	28° 8	21°19	22°24	2°20	n.a.	S 18
S 19	17 38 27	24° 4'23	27°22	16°22	19°35	21°30	26°44	0°21	19°46	23°47	28° 9	21°R19	22°21	2°27	n.a.	S 19
M20	17 42 24	25° 1'34	9♎22	18°28	20°45	22° 6	26°42	0°18	19°45	23°46	28°10	21°18	22°18	2°33	n.a.	M20
T 21	17 46 21	25°58'46	21°16	20°35	21°56	22°42	26°41	0°15	19°44	23°46	28°12	21°16	22°15	2°40	n.a.	T 21
W22	17 50 17	26°55'58	3♏ 9	22°43	23° 7	23°18	26°40	0°12	19°43	23°45	28°13	21°13	22°12	2°47	n.a.	W22
T 23	17 54 14	27°53'10	15° 4	24°51	24°18	23°54	26°40	0° 8	19°42	23°45	28°14	21° 9	22° 8	2°54	n.a.	T 23
F 24	17 58 10	28°50'23	27° 4	26°58	25°29	24°31	26°39	0° 5	19°40	23°44	28°15	21° 6	22° 5	3° 0	n.a.	F 24
S 25	18 2 7	29°47'37	9♐12	29° 6	26°40	25° 7	26°39	0° 1	19°39	23°44	28°17	21° 2	22° 2	3° 7	n.a.	S 25
S 26	18 6 3	0♋44'51	21°31	1♋12	27°51	25°44	26°D39	29♉58	19°38	23°43	28°18	21° 0	21°59	3°14	n.a.	S 26
M27	18 10 0	1°42'07	4♉ 0	3°18	29° 2	26°20	26°39	29°54	19°36	23°43	28°20	20°58	21°56	3°21	n.a.	M27
T 28	18 13 56	2°39'22	16°41	5°23	0♊13	26°57	26°39	29°50	19°35	23°43	28°21	20°D57	21°53	3°27	n.a.	T 28
W29	18 17 53	3°36'39	29°36	7°27	1°24	27°34	26°39	29°46	19°34	23°42	28°22	20°57	21°49	3°34	n.a.	W29
T 30	18 21 50	4♋33'57	12♒43	9♋30	2♊35	28♌10	26♎40	29♉43	19♒32	23♎42	28♌24	20♋58	21♋46	3♏41	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n42	22s 3	0n 9	14n 1	2s43	9n 7	2s 7	18n53	1n16	9s37	1n12	21s 3	0s57	15s42	0s45	7s34	2n 0	27n 4	15n48	21n56	21n40	6s58		n.a.
T 2	21 51	20 44	1s 0	14 33	2 33	9 32	2 6	18 43	1 15	9 36	1 11	21 4	0 57	15 42	0 45	7 34	2 0	27 4	15 48	21 56	21 40	7 0		n.a.
F 3	22 1	18 18	2 7	15 5	2 22	9 57	2 5	18 32	1 15	9 35	1 11	21 4	0 57	15 42	0 45	7 33	2 0	27 3	15 48	21 56	21 41	7 3		n.a.
S 4	22 9	14 51	3 9	15 38	2 11	10 22	2 4	18 22	1 14	9 33	1 11	21 5	0 57	15 42	0 45	7 33	2 0	27 2	15 47	21 56	21 41	7 5		n.a.
S 5	22 18	10 33	4 2	16 13	1 59	10 47	2 3	18 11	1 13	9 32	1 11	21 5	0 57	15 42	0 45	7 33	1 59	27 2	15 47	21 55	21 42	7 8		n.a.
M 6	22 26	5 35	4 42	16 47	1 48	11 12	2 2	18 0	1 12	9 31	1 10	21 6	0 57	15 43	0 45	7 32	1 59	27 1	15 46	21 56	21 42	7 10		n.a.
T 7	22 33	0 13	5 5	17 22	1 36	11 36	2 1	17 49	1 11	9 30	1 10	21 7	0 58	15 43	0 45	7 32	1 59	27 0	15 46	21 56	21 43	7 12		n.a.
W 8	22 40	5n16	5 9	17 58	1 24	12 1	2 0	17 38	1 10	9 29	1 10	21 7	0 58	15 43	0 45	7 32	1 59	26 59	15 45	21 57	21 43	7 15		n.a.
T 9	22 47	10 32	4 53	18 33	1 12	12 25	1 59	17 26	1 9	9 28	1 10	21 8	0 58	15 43	0 45	7 32	1 59	26 59	15 45	21 57	21 44	7 17		n.a.
F 10	22 54	15 11	4 17	19 8	0 59	12 49	1 57	17 15	1 8	9 27	1 9	21 9	0 58	15 43	0 45	7 31	1 59	26 58	15 45	21 58	21 44	7 20		n.a.
S 11	23 0	18 53	3 24	19 43	0 47	13 12	1 56	17 3	1 8	9 26	1 9	21 9	0 58	15 44	0 45	7 31	1 59	26 57	15 44	21 59	21 45	7 22		n.a.
S 12	23 5	21 18	2 18	20 18	0 35	13 36	1 54	16 52	1 7	9 26	1 9	21 10	0 58	15 44	0 46	7 31	1 59	26 56	15 44	22 0	21 45	7 25		n.a.
M13	23 11	22 18	1 4	20 51	0 23	13 59	1 52	16 40	1 6	9 25	1 9	21 11	0 59	15 44	0 46	7 31	1 59	26 56	15 43	22 0	21 46	7 27		n.a.
T 14	23 16	21 50	0n12	21 24	0 11	14 22	1 51	16 28	1 5	9 24	1 8	21 11	0 59	15 44	0 46	7 30	1 59	26 55	15 43	22 0	21 46	7 30		n.a.
W15	23 20	20 6	1 25	21 55	0n 1	14 44	1 49	16 16	1 4	9 24	1 8	21 12	0 59	15 45	0 46	7 30	1 59	26 54	15 42	22 0	21 47	7 32		n.a.
T 16	23 24	17 21	2 31	22 25	0 12	15 7	1 47	16 4	1 3	9 23	1 8	21 13	0 59	15 45	0 46	7 30	1 59	26 53	15 42	22 0	21 48	7 34		n.a.
F 17	23 28	13 49	3 28	22 53	0 23	15 29	1 45	15 52	1 2	9 23	1 7	21 14	0 59	15 45	0 46	7 30	1 59	26 53	15 42	21 59	21 48	7 37		n.a.
S 18	23 31	9 47	4 14	23 19	0 33	15 50	1 43	15 39	1 2	9 23	1 7	21 15	0 59	15 46	0 46	7 29	1 59	26 52	15 41	21 59	21 49	7 39		n.a.
S 19	23 34	5 26	4 47	23 42	0 43	16 11	1 41	15 27	1 1	9 23	1 7	21 16	1 0	15 46	0 46	7 29	1 59	26 51	15 41	21 59	21 49	7 42		n.a.
M20	23 36	0 57	5 7	24 4	0 53	16 32	1 39	15 14	1 0	9 22	1 7	21 16	1 0	15 46	0 46	7 29	1 59	26 50	15 40	21 59	21 50	7 44		n.a.
T 21	23 38	3s33	5 14	24 22	1 1	16 53	1 37	15 2	0 59	9 22	1 6	21 17	1 0	15 47	0 46	7 29	1 59	26 49	15 40	22 0	21 50	7 47		n.a.
W22	23 40	7 53	5 7	24 39	1 9	17 13	1 35	14 49	0 58	9 22	1 6	21 18	1 0	15 47	0 46	7 29	1 59	26 49	15 40	22 0	21 51	7 49		n.a.
T 23	23 41	11 57	4 47	24 52	1 16	17 33	1 33	14 36	0 57	9 22	1 6	21 19	1 0	15 48	0 46	7 29	1 58	26 48	15 39	22 1	21 51	7 51		n.a.
F 24	23 41	15 35	4 14	25 3	1 23	17 52	1 30	14 23	0 57	9 22	1 5	21 20	1 0	15 48	0 46	7 29	1 58	26 47	15 39	22 1	21 52	7 54		n.a.
S 25	23 42	18 37	3 30	25 10	1 29	18 11	1 28	14 10	0 56	9 22	1 5	21 21	1 0	15 48	0 46	7 29	1 58	26 46	15 39	22 2	21 52	7 56		n.a.
S 26	23 42	20 50	2 35	25 15	1 34	18 30	1 26	13 56	0 55	9 23	1 5	21 22	1 1	15 49	0 46	7 28	1 58	26 45	15 38	22 2	21 53	7 59		n.a.
M27	23 41	22 6	1 32	25 17	1 38	18 48	1 23	13 43	0 54	9 23	1 5	21 23	1 1	15 49	0 46	7 28	1 58	26 44	15 38	22 2	21 53	8 1		n.a.
T 28	23 40	22 15	0 23	25 17	1 42	19 6	1 21	13 30	0 53	9 23	1 4	21 24	1 1	15 50	0 46	7 28	1 58	26 43	15 37	22 3	21 54	8 4		n.a.
W29	23 39	21 14	0s48	25 13	1 45	19 23	1 19	13 16	0 52	9 24	1 4	21 24	1 1	15 50	0 46	7 28	1 58	26 43	15 37	22 3	21 54	8 6		n.a.
T 30	23n37	19s 3	1s57	25n 8	1n47	19n40	1s16	13n 2	0n52	9s24	1n 4	21s25	1s 1	15s51	0s46	7s28	1n58	26n42	15n37	22n 2	21n55	8s 8		n.a.

Julian Day Number = 1717556.5, Delta T = 02h57m36s
Ecliptic obliquity = 23°41'42, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°12'29, Lahiri = - 4°05'28 Julian Calendar 1 June 11 BCE == Greg. Calendar 30 May 011 BCE

The year -10 astronomical counting style corresponds to year 011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 11 BCE
geocentric

JULY 11 BCE (-10) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 25 46	5♋31'16	26♒ 4	11♋31	3♊47	28♌47	26♎41	29°R39	19°R31	23°R42	28♌25	20♋59	21♋43	3♏47	n.a.	F 1
S 2	18 29 43	6°28'35	9♓38	13°31	4°58	29°24	26°41	29♉35	19♒29	23♎41	28°27	21° 0	21°40	3°54	n.a.	S 2
S 3	18 33 39	7°25'57	23°26	15°30	6°10	0♍ 2	26°43	29°31	19°28	23°41	28°28	21° 1	21°37	4° 1	n.a.	S 3
M 4	18 37 36	8°23'19	7♈27	17°27	7°21	0°39	26°44	29°27	19°26	23°41	28°30	21°R 1	21°34	4° 8	n.a.	M 4
T 5	18 41 32	9°20'42	21°39	19°22	8°33	1°16	26°45	29°23	19°24	23°41	28°32	21° 1	21°30	4°14	n.a.	T 5
W 6	18 45 29	10°18'07	6♉ 1	21°16	9°44	1°53	26°47	29°19	19°23	23°41	28°33	21° 1	21°27	4°21	n.a.	W 6
T 7	18 49 26	11°15'34	20°29	23° 8	10°56	2°31	26°49	29°14	19°21	23°41	28°35	20°59	21°24	4°28	n.a.	T 7
F 8	18 53 22	12°13'02	4♊59	24°59	12° 8	3° 8	26°51	29°10	19°19	23°D41	28°37	20°58	21°21	4°34	n.a.	F 8
S 9	18 57 19	13°10'31	19°25	26°48	13°20	3°46	26°53	29° 6	19°18	23°41	28°38	20°58	21°18	4°41	n.a.	S 9
S 10	19 1 15	14° 8'01	3♋42	28°36	14°32	4°24	26°55	29° 2	19°16	23°41	28°40	20°57	21°14	4°48	n.a.	S 10
M11	19 5 12	15° 5'33	17°46	0♌22	15°44	5° 1	26°58	28°57	19°14	23°41	28°42	20°D57	21°11	4°55	n.a.	M11
T 12	19 9 8	16° 3'06	1♌31	2° 7	16°56	5°39	27° 1	28°53	19°12	23°41	28°43	20°57	21° 8	5° 1	n.a.	T 12
W13	19 13 5	17° 0'40	14°57	3°50	18° 8	6°17	27° 4	28°49	19°10	23°41	28°45	20°57	21° 5	5° 8	n.a.	W13
T 14	19 17 1	17°58'15	28° 1	5°31	19°20	6°55	27° 7	28°44	19° 8	23°41	28°47	20°57	21° 2	5°15	n.a.	T 14
F 15	19 20 58	18°55'52	10♍46	7°11	20°32	7°33	27°10	28°40	19° 6	23°42	28°49	20°58	20°59	5°22	n.a.	F 15
S 16	19 24 55	19°53'29	23°12	8°50	21°44	8°11	27°13	28°35	19° 4	23°42	28°51	20°58	20°55	5°28	n.a.	S 16
S 17	19 28 51	20°51'07	5♎24	10°27	22°57	8°50	27°17	28°31	19° 2	23°42	28°52	20°R58	20°52	5°35	n.a.	S 17
M18	19 32 48	21°48'47	17°26	12° 2	24° 9	9°28	27°21	28°26	19° 0	23°42	28°54	20°D58	20°49	5°42	n.a.	M18
T 19	19 36 44	22°46'27	29°20	13°36	25°22	10° 6	27°25	28°22	18°58	23°43	28°56	20°58	20°46	5°48	n.a.	T 19
W20	19 40 41	23°44'09	11♏14	15° 9	26°34	10°45	27°29	28°17	18°56	23°43	28°58	20°58	20°43	5°55	n.a.	W20
T 21	19 44 37	24°41'52	23°10	16°40	27°47	11°23	27°33	28°13	18°54	23°43	29° 0	20°58	20°40	6° 2	n.a.	T 21
F 22	19 48 34	25°39'37	5♐13	18° 9	28°59	12° 2	27°37	28° 8	18°52	23°44	29° 2	20°59	20°36	6° 9	n.a.	F 22
S 23	19 52 30	26°37'23	17°26	19°37	0♋12	12°41	27°42	28° 4	18°50	23°44	29° 4	20°59	20°33	6°15	n.a.	S 23
S 24	19 56 27	27°35'10	29°54	21° 3	1°25	13°19	27°47	27°59	18°47	23°45	29° 6	21° 0	20°30	6°22	n.a.	S 24
M25	20 0 24	28°32'58	12♑37	22°28	2°37	13°58	27°52	27°55	18°45	23°45	29° 8	21° 0	20°27	6°29	n.a.	M25
T 26	20 4 20	29°30'48	25°37	23°51	3°50	14°37	27°57	27°50	18°43	23°46	29°10	21°R 0	20°24	6°35	n.a.	T 26
W27	20 8 17	0♌28'40	8♒53	25°13	5° 3	15°16	28° 2	27°46	18°41	23°46	29°12	21° 0	20°20	6°42	n.a.	W27
T 28	20 12 13	1°26'33	22°26	26°33	6°16	15°55	28° 7	27°41	18°39	23°47	29°14	20°59	20°17	6°49	n.a.	T 28
F 29	20 16 10	2°24'28	6♓12	27°51	7°29	16°34	28°13	27°37	18°36	23°48	29°16	20°58	20°14	6°56	n.a.	F 29
S 30	20 20 6	3°22'25	20°10	29° 8	8°42	17°13	28°18	27°32	18°34	23°48	29°18	20°56	20°11	7° 2	n.a.	S 30
S 31	20 24 3	4♌20'24	4♈16	0♍23	9♋55	17♍53	28♎24	27♑28	18♒32	23♎49	29♌20	20♋55	20♋ 8	7♏ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n35	15s49	3s 2	24n59	1n48	19n56	1s13	12n49	0n51	9s25	1n 3	21s26	1s 1	15s51	0s46	7s28	1n58	26n41	15n36	22n 2	21n55	8s11		n.a.
S 2	23 32	11 42	3 58	24 49	1 49	20 11	1 11	12 35	0 50	9 25	1 3	21 27	1 1	15 52	0 46	7 28	1 58	26 40	15 36	22 2	21 56	8 13		n.a.
S 3	23 29	6 55	4 40	24 36	1 49	20 27	1 8	12 21	0 49	9 26	1 3	21 28	1 2	15 52	0 46	7 28	1 58	26 39	15 36	22 2	21 56	8 16		n.a.
M 4	23 26	1 43	5 7	24 20	1 49	20 41	1 6	12 7	0 48	9 27	1 3	21 29	1 2	15 53	0 46	7 28	1 58	26 38	15 35	22 2	21 57	8 18		n.a.
T 5	23 22	3n39	5 16	24 3	1 48	20 56	1 3	11 53	0 48	9 27	1 2	21 30	1 2	15 53	0 46	7 28	1 58	26 37	15 35	22 2	21 57	8 21		n.a.
W 6	23 17	8 52	5 6	23 44	1 46	21 9	1 0	11 39	0 47	9 28	1 2	21 31	1 2	15 54	0 46	7 28	1 58	26 36	15 35	22 2	21 58	8 23		n.a.
T 7	23 13	13 38	4 35	23 24	1 44	21 22	0 58	11 24	0 46	9 29	1 2	21 32	1 2	15 55	0 46	7 28	1 58	26 36	15 34	22 2	21 58	8 26		n.a.
F 8	23 8	17 37	3 48	23 1	1 41	21 35	0 55	11 10	0 45	9 30	1 2	21 33	1 2	15 55	0 46	7 28	1 57	26 35	15 34	22 2	21 59	8 28		n.a.
S 9	23 2	20 31	2 46	22 37	1 38	21 47	0 52	10 55	0 44	9 31	1 1	21 34	1 2	15 56	0 46	7 28	1 57	26 34	15 34	22 2	21 59	8 30		n.a.
S 10	22 56	22 5	1 34	22 12	1 34	21 58	0 49	10 41	0 44	9 32	1 1	21 35	1 2	15 56	0 46	7 28	1 57	26 33	15 33	22 3	22 0	8 33		n.a.
M11	22 50	22 13	0 18	21 45	1 30	22 9	0 47	10 26	0 43	9 33	1 1	21 36	1 2	15 57	0 46	7 28	1 57	26 32	15 33	22 3	22 0	8 35		n.a.
T 12	22 43	20 59	0n58	21 17	1 26	22 19	0 44	10 11	0 42	9 35	1 0	21 37	1 3	15 58	0 46	7 29	1 57	26 31	15 33	22 3	22 1	8 38		n.a.
W13	22 36	18 35	2 9	20 48	1 21	22 29	0 41	9 56	0 41	9 36	1 0	21 38	1 3	15 58	0 47	7 29	1 57	26 30	15 33	22 3	22 1	8 40		n.a.
T 14	22 28	15 16	3 11	20 18	1 15	22 38	0 38	9 41	0 40	9 37	1 0	21 39	1 3	15 59	0 47	7 29	1 57	26 29	15 32	22 3	22 2	8 43		n.a.
F 15	22 21	11 20	4 2	19 48	1 10	22 46	0 35	9 26	0 40	9 39	1 0	21 40	1 3	15 59	0 47	7 29	1 57	26 28	15 32	22 2	22 2	8 45		n.a.
S 16	22 12	7 1	4 41	19 16	1 4	22 54	0 32	9 11	0 39	9 40	0 59	21 41	1 3	16 0	0 47	7 29	1 57	26 27	15 32	22 2	22 3	8 47		n.a.
S 17	22 4	2 30	5 5	18 43	0 57	23 1	0 30	8 56	0 38	9 42	0 59	21 42	1 3	16 1	0 47	7 29	1 57	26 26	15 32	22 2	22 3	8 50		n.a.
M18	21 54	2s 3	5 16	18 10	0 50	23 7	0 27	8 41	0 37	9 43	0 59	21 44	1 3	16 1	0 47	7 29	1 57	26 26	15 31	22 2	22 4	8 52		n.a.
T 19	21 45	6 28	5 14	17 37	0 44	23 13	0 24	8 25	0 37	9 45	0 59	21 45	1 3	16 2	0 47	7 30	1 57	26 25	15 31	22 2	22 4	8 55		n.a.
W20	21 35	10 39	4 57	17 3	0 36	23 18	0 21	8 10	0 36	9 47	0 58	21 46	1 3	16 3	0 47	7 30	1 57	26 24	15 31	22 2	22 5	8 57		n.a.
T 21	21 25	14 26	4 28	16 28	0 29	23 22	0 18	7 54	0 35	9 49	0 58	21 47	1 4	16 3	0 47	7 30	1 57	26 23	15 31	22 2	22 5	9 0		n.a.
F 22	21 14	17 40	3 47	15 53	0 21	23 26	0 15	7 39	0 34	9 50	0 58	21 48	1 4	16 4	0 47	7 30	1 57	26 22	15 30	22 2	22 6	9 2		n.a.
S 23	21 3	20 11	2 55	15 18	0 13	23 29	0 13	7 23	0 33	9 52	0 57	21 49	1 4	16 5	0 47	7 30	1 56	26 21	15 30	22 2	22 6	9 4		n.a.
S 24	20 52	21 47	1 54	14 42	0 5	23 32	0 10	7 7	0 33	9 54	0 57	21 50	1 4	16 6	0 47	7 31	1 56	26 20	15 30	22 2	22 7	9 7		n.a.
M25	20 40	22 19	0 46	14 7	0s 4	23 33	0 7	6 52	0 32	9 56	0 57	21 51	1 4	16 6	0 47	7 31	1 56	26 19	15 30	22 2	22 7	9 9		n.a.
T 26	20 28	21 40	0s25	13 31	0 12	23 34	0 4	6 36	0 31	9 58	0 57	21 52	1 4	16 7	0 47	7 31	1 56	26 18	15 30	22 2	22 8	9 12		n.a.
W27	20 16	19 48	1 37	12 56	0 21	23 35	0 1	6 20	0 30	10 1	0 56	21 53	1 4	16 8	0 47	7 31	1 56	26 17	15 29	22 2	22 8	9 14		n.a.
T 28	20 3	16 47	2 45	12 20	0 30	23 34	0n 1	6 4	0 30	10 3	0 56	21 54	1 4	16 8	0 47	7 32	1 56	26 16	15 29	22 2	22 9	9 16		n.a.
F 29	19 50	12 48	3 45	11 45	0 39	23 33	0 4	5 48	0 29	10 5	0 56	21 55	1 4	16 9	0 47	7 32	1 56	26 15	15 29	22 2	22 9	9 19		n.a.
S 30	19 37	8 5	4 32	11 9	0 48	23 31	0 7	5 32	0 28	10 7	0 56	21 56	1 4	16 10	0 47	7 32	1 56	26 14	15 29	22 3	22 10	9 21		n.a.
S 31	19n23	2s55	5s 3	10n34	0s57	23n29	0n10	5n16	0n27	10s10	0n55	21s57	1s 4	16s11	0s47	7s33	1n56	26n14	15n29	22n 3	22n10	9s24		n.a.

Julian Day Number = 1717586.5, Delta T = 02h57m35s
Ecliptic obliquity = 23°41'42, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°12'25, Lahiri = - 4°05'24 Julian Calendar 1 July 11 BCE == Greg. Calendar 29 June 011 BCE

The year -10 astronomical counting style corresponds to year 011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 11 BCE
geocentric

AUGUST 11 BCE (-10) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 27 59	5♌18'24	18♈27	1♍36	11♋ 8	18♍32	28♎30	27°R23	18°R29	23♎50	29♌22	20°R54	20♋ 5	7♏16	n.a.	M 1
T 2	20 31 56	6°16'27	2♉40	2°46	12°22	19°11	28°36	27♏19	18♒27	23°51	29°24	20°D53	20° 1	7°22	n.a.	T 2
W 3	20 35 53	7°14'32	16°53	3°55	13°35	19°51	28°43	27°14	18°25	23°51	29°26	20♋53	19°58	7°29	n.a.	W 3
T 4	20 39 49	8°12'39	1♊ 4	5° 2	14°48	20°31	28°49	27°10	18°22	23°52	29°28	20°54	19°55	7°36	n.a.	T 4
F 5	20 43 46	9°10'48	15°10	6° 7	16° 2	21°10	28°56	27° 5	18°20	23°53	29°31	20°55	19°52	7°43	n.a.	F 5
S 6	20 47 42	10° 8'59	29° 9	7° 9	17°15	21°50	29° 2	27° 1	18°18	23°54	29°33	20°57	19°49	7°49	n.a.	S 6
S 7	20 51 39	11° 7'12	12♋58	8° 9	18°28	22°30	29° 9	26°57	18°15	23°55	29°35	20°57	19°46	7°56	n.a.	S 7
M 8	20 55 35	12° 5'27	26°37	9° 6	19°42	23°10	29°16	26°52	18°13	23°56	29°37	20°R58	19°42	8° 3	n.a.	M 8
T 9	20 59 32	13° 3'44	10♌ 2	10° 0	20°56	23°50	29°23	26°48	18°11	23°57	29°39	20°57	19°39	8°10	n.a.	T 9
W10	21 3 28	14° 2'03	23°12	10°52	22° 9	24°30	29°31	26°44	18° 8	23°58	29°41	20°54	19°36	8°16	n.a.	W10
T 11	21 7 25	15° 0'24	6♍ 7	11°40	23°23	25°10	29°38	26°40	18° 6	23°59	29°44	20°51	19°33	8°23	n.a.	T 11
F 12	21 11 22	15°58'47	18°46	12°25	24°37	25°50	29°46	26°36	18° 3	24° 0	29°46	20°47	19°30	8°30	n.a.	F 12
S 13	21 15 18	16°57'11	1♎ 9	13° 6	25°50	26°30	29°53	26°31	18° 1	24° 1	29°48	20°43	19°26	8°36	n.a.	S 13
S 14	21 19 15	17°55'37	13°20	13°43	27° 4	27°11	0♏ 1	26°27	17°58	24° 2	29°50	20°39	19°23	8°43	n.a.	S 14
M15	21 23 11	18°54'05	25°20	14°16	28°18	27°51	0° 9	26°23	17°56	24° 3	29°52	20°36	19°20	8°50	n.a.	M15
T 16	21 27 8	19°52'34	7♏15	14°44	29°32	28°31	0°17	26°19	17°54	24° 5	29°55	20°34	19°17	8°57	n.a.	T 16
W17	21 31 4	20°51'06	19° 7	15° 8	0♌46	29°12	0°25	26°15	17°51	24° 6	29°57	20°D33	19°14	9° 3	n.a.	W17
T 18	21 35 1	21°49'39	1♐ 2	15°26	2° 0	29°53	0°34	26°12	17°49	24° 7	29°59	20°33	19°11	9°10	n.a.	T 18
F 19	21 38 57	22°48'14	13° 4	15°39	3°14	0♎33	0°42	26° 8	17°46	24° 8	0♍ 1	20°35	19° 7	9°17	n.a.	F 19
S 20	21 42 54	23°46'50	25°19	15°46	4°28	1°14	0°51	26° 4	17°44	24°10	0° 4	20°36	19° 4	9°23	n.a.	S 20
S 21	21 46 50	24°45'29	7♑50	15°R47	5°42	1°55	0°59	26° 0	17°42	24°11	0° 6	20°38	19° 1	9°30	n.a.	S 21
M22	21 50 47	25°44'09	20°42	15°41	6°56	2°36	1° 8	25°57	17°39	24°12	0° 8	20°R38	18°58	9°37	n.a.	M22
T 23	21 54 44	26°42'51	3♒55	15°29	8°11	3°17	1°17	25°53	17°37	24°14	0°10	20°38	18°55	9°44	n.a.	T 23
W24	21 58 40	27°41'36	17°31	15° 9	9°25	3°58	1°26	25°50	17°35	24°15	0°13	20°35	18°52	9°50	n.a.	W24
T 25	22 2 37	28°40'22	1♓28	14°42	10°39	4°39	1°35	25°46	17°32	24°17	0°15	20°31	18°48	9°57	n.a.	T 25
F 26	22 6 33	29°39'10	15°43	14° 8	11°54	5°20	1°45	25°43	17°30	24°18	0°17	20°25	18°45	10° 4	n.a.	F 26
S 27	22 10 30	0♍38'00	0♈ 9	13°27	13° 8	6° 1	1°54	25°39	17°28	24°20	0°19	20°19	18°42	10°10	n.a.	S 27
S 28	22 14 26	1°36'53	14°41	12°39	14°22	6°42	2° 3	25°36	17°25	24°21	0°22	20°13	18°39	10°17	n.a.	S 28
M29	22 18 23	2°35'48	29°13	11°45	15°37	7°24	2°13	25°33	17°23	24°23	0°24	20° 8	18°36	10°24	n.a.	M29
T 30	22 22 19	3°34'45	13♉38	10°46	16°51	8° 5	2°23	25°30	17°21	24°24	0°26	20° 4	18°32	10°31	n.a.	T 30
W31	22 26 16	4♍33'45	27♉54	9♍42	18♌ 6	8♎47	2♏33	25♑27	17♒18	24♎26	0♍28	20♋ 3	18♋29	10♏37	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	19n 9	2n27	5s15	9n59	1s 6	23n26	0n12	4n59	0n27	10s12	0n55	21s58	1s 4	16s11	0s47	7s33	1n56	26n13	15n29	22n 3	22n11	9s26			n.a.
T 2	18 54	7 41	5 9	9 25	1 16	23 22	0 15	4 43	0 26	10 14	0 55	21 58	1 5	16 12	0 47	7 33	1 56	26 12	15 28	22 3	22 11	9 29			n.a.
W 3	18 39	12 31	4 44	8 51	1 25	23 17	0 18	4 27	0 25	10 17	0 55	21 59	1 5	16 13	0 47	7 34	1 56	26 11	15 28	22 3	22 12	9 31			n.a.
T 4	18 24	16 39	4 2	8 18	1 35	23 12	0 20	4 10	0 24	10 19	0 54	22 0	1 5	16 14	0 47	7 34	1 56	26 10	15 28	22 3	22 12	9 33			n.a.
F 5	18 9	19 48	3 5	7 45	1 44	23 6	0 23	3 54	0 23	10 22	0 54	22 1	1 5	16 14	0 47	7 34	1 56	26 9	15 28	22 3	22 12	9 36			n.a.
S 6	17 53	21 44	1 57	7 13	1 54	22 59	0 25	3 37	0 23	10 25	0 54	22 2	1 5	16 15	0 47	7 35	1 56	26 8	15 28	22 3	22 13	9 38			n.a.
S 7	17 37	22 20	0 44	6 42	2 3	22 52	0 28	3 21	0 22	10 27	0 54	22 3	1 5	16 16	0 47	7 35	1 56	26 7	15 28	22 3	22 13	9 41			n.a.
M 8	17 21	21 34	0n31	6 12	2 12	22 44	0 30	3 4	0 21	10 30	0 53	22 4	1 5	16 17	0 47	7 36	1 55	26 6	15 28	22 3	22 14	9 43			n.a.
T 9	17 4	19 34	1 43	5 43	2 22	22 35	0 33	2 47	0 20	10 33	0 53	22 5	1 5	16 17	0 47	7 36	1 55	26 5	15 28	22 3	22 14	9 45			n.a.
W10	16 48	16 34	2 48	5 15	2 31	22 26	0 35	2 31	0 20	10 36	0 53	22 6	1 5	16 18	0 47	7 37	1 55	26 4	15 28	22 3	22 15	9 48			n.a.
T 11	16 30	12 49	3 43	4 48	2 40	22 16	0 37	2 14	0 19	10 38	0 53	22 7	1 5	16 19	0 47	7 37	1 55	26 4	15 27	22 4	22 15	9 50			n.a.
F 12	16 13	8 34	4 26	4 23	2 49	22 5	0 40	1 57	0 18	10 41	0 53	22 8	1 5	16 20	0 47	7 37	1 55	26 3	15 27	22 4	22 16	9 53			n.a.
S 13	15 55	4 2	4 55	3 59	2 58	21 54	0 42	1 40	0 18	10 44	0 52	22 8	1 5	16 20	0 47	7 38	1 55	26 2	15 27	22 5	22 16	9 55			n.a.
S 14	15 37	0s33	5 10	3 37	3 6	21 42	0 44	1 23	0 17	10 47	0 52	22 9	1 5	16 21	0 47	7 38	1 55	26 1	15 27	22 5	22 17	9 58			n.a.
M15	15 19	5 4	5 12	3 17	3 14	21 29	0 46	1 7	0 16	10 50	0 52	22 10	1 5	16 22	0 47	7 39	1 55	26 0	15 27	22 6	22 17	10 0			n.a.
T 16	15 1	9 21	5 0	2 59	3 22	21 16	0 49	0 50	0 15	10 53	0 52	22 11	1 5	16 23	0 47	7 39	1 55	25 59	15 27	22 6	22 18	10 2			n.a.
W17	14 42	13 17	4 35	2 43	3 29	21 2	0 51	0 33	0 15	10 56	0 51	22 12	1 5	16 23	0 47	7 40	1 55	25 58	15 27	22 6	22 18	10 5			n.a.
T 18	14 23	16 42	3 58	2 30	3 35	20 47	0 53	0 16	0 14	11 0	0 51	22 12	1 5	16 24	0 47	7 40	1 55	25 58	15 27	22 6	22 18	10 7			n.a.
F 19	14 4	19 27	3 11	2 19	3 41	20 32	0 55	0s 1	0 13	11 3	0 51	22 13	1 5	16 25	0 47	7 41	1 55	25 57	15 27	22 6	22 19	10 10			n.a.
S 20	13 44	21 23	2 14	2 11	3 47	20 16	0 57	0 18	0 12	11 6	0 51	22 14	1 5	16 26	0 47	7 41	1 55	25 56	15 27	22 6	22 19	10 12			n.a.
S 21	13 25	22 18	1 9	2 7	3 51	20 0	0 59	0 35	0 12	11 9	0 51	22 15	1 5	16 26	0 47	7 42	1 55	25 55	15 27	22 6	22 20	10 14			n.a.
M22	13 5	22 5	0s 0	2 6	3 55	19 43	1 0	0 53	0 11	11 13	0 50	22 15	1 5	16 27	0 47	7 43	1 55	25 54	15 27	22 5	22 20	10 17			n.a.
T 23	12 44	20 38	1 12	2 9	3 57	19 25	1 2	1 10	0 10	11 16	0 50	22 16	1 5	16 28	0 47	7 43	1 55	25 53	15 27	22 6	22 21	10 19			n.a.
W24	12 24	17 59	2 21	2 16	3 58	19 7	1 4	1 27	0 9	11 19	0 50	22 17	1 5	16 28	0 47	7 44	1 55	25 53	15 27	22 6	22 21	10 22			n.a.
T 25	12 4	14 14	3 23	2 26	3 58	18 48	1 6	1 44	0 9	11 23	0 50	22 17	1 5	16 29	0 47	7 44	1 54	25 52	15 27	22 7	22 22	10 24			n.a.
F 26	11 43	9 36	4 15	2 41	3 56	18 29	1 7	2 1	0 8	11 26	0 49	22 18	1 6	16 30	0 47	7 45	1 54	25 51	15 27	22 7	22 22	10 26			n.a.
S 27	11 22	4 22	4 50	3 0	3 52	18 9	1 9	2 18	0 7	11 29	0 49	22 19	1 6	16 31	0 47	7 45	1 54	25 50	15 27	22 8	22 22	10 29			n.a.
S 28	11 1	1n 8	5 8	3 24	3 46	17 49	1 10	2 35	0 7	11 33	0 49	22 19	1 6	16 31	0 47	7 46	1 54	25 49	15 27	22 9	22 23	10 31			n.a.
M29	10 40	6 33	5 5	3 51	3 39	17 28	1 12	2 53	0 6	11 36	0 49	22 20	1 6	16 32	0 47	7 47	1 54	25 49	15 27	22 10	22 23	10 34			n.a.
T 30	10 18	11 36	4 44	4 23	3 30	17 7	1 13	3 10	0 5	11 40	0 49	22 20	1 6	16 33	0 47	7 47	1 54	25 48	15 27	22 11	22 24	10 36			n.a.
W31	9n56	15n56	4s 4	4n57	3s18	16n45	1n14	3s27	0n 4	11s44	0n48	22s21	1s 6	16s33	0s47	7s48	1n54	25n47	15n27	22n11	22n24	10s38			n.a.

Julian Day Number = 1717617.5, Delta T = 02h57m34s
Ecliptic obliquity = 23°41'43, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°12'20, Lahiri = - 4°05'20 Julian Calendar 1 Aug. 11 BCE == Greg. Calendar 30 July 011 BCE

The year -10 astronomical counting style corresponds to year 011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 11 BCE
geocentric

SEPTEMBER 11 BCE (-10) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 30 13	5♍32'47	11♊58	8°R35	19♌20	9♎28	2♏42	25°R24	17°R16	24♎27	0♍31	20°D 3	18♋26	10♏44	n.a.	T 1
F 2	22 34 9	6°31'52	25°49	7♍27	20°35	10°10	2°52	25♑21	17♒14	24°29	0°33	20♋ 4	18°23	10°51	n.a.	F 2
S 3	22 38 6	7°30'59	9♋27	6°19	21°50	10°52	3° 3	25°18	17°12	24°31	0°35	20° 5	18°20	10°57	n.a.	S 3
S 4	22 42 2	8°30'09	22°52	5°14	23° 4	11°34	3°13	25°16	17°10	24°32	0°37	20°R 5	18°17	11° 4	n.a.	S 4
M 5	22 45 59	9°29'21	6♌ 6	4°12	24°19	12°16	3°23	25°13	17° 7	24°34	0°39	20° 4	18°13	11°11	n.a.	M 5
T 6	22 49 55	10°28'35	19° 8	3°15	25°34	12°57	3°34	25°11	17° 5	24°36	0°42	20° 0	18°10	11°18	n.a.	T 6
W 7	22 53 52	11°27'51	1♍58	2°26	26°49	13°39	3°44	25° 8	17° 3	24°37	0°44	19°54	18° 7	11°24	n.a.	W 7
T 8	22 57 48	12°27'10	14°37	1°45	28° 4	14°22	3°55	25° 6	17° 1	24°39	0°46	19°46	18° 4	11°31	n.a.	T 8
F 9	23 1 45	13°26'30	27° 5	1°14	29°18	15° 4	4° 5	25° 4	16°59	24°41	0°48	19°36	18° 1	11°38	n.a.	F 9
S 10	23 5 41	14°25'53	9♎21	0°53	0♍33	15°46	4°16	25° 1	16°57	24°43	0°51	19°26	17°57	11°44	n.a.	S 10
S 11	23 9 38	15°25'18	21°27	0°D43	1°48	16°28	4°27	24°59	16°55	24°45	0°53	19°16	17°54	11°51	n.a.	S 11
M12	23 13 35	16°24'45	3♏25	0°43	3° 3	17°11	4°38	24°57	16°53	24°47	0°55	19° 6	17°51	11°58	n.a.	M12
T 13	23 17 31	17°24'13	15°17	0°55	4°18	17°53	4°49	24°55	16°51	24°48	0°57	18°59	17°48	12° 4	n.a.	T 13
W14	23 21 28	18°23'44	27° 7	1°16	5°33	18°36	5° 0	24°54	16°49	24°50	0°59	18°54	17°45	12°11	n.a.	W14
T 15	23 25 24	19°23'16	8♐59	1°48	6°48	19°18	5°11	24°52	16°47	24°52	1° 2	18°52	17°42	12°18	n.a.	T 15
F 16	23 29 21	20°22'51	20°58	2°29	8° 3	20° 1	5°23	24°50	16°45	24°54	1° 4	18°D51	17°38	12°25	n.a.	F 16
S 17	23 33 17	21°22'27	3♑ 9	3°18	9°18	20°43	5°34	24°49	16°43	24°56	1° 6	18°52	17°35	12°31	n.a.	S 17
S 18	23 37 14	22°22'05	15°39	4°15	10°33	21°26	5°45	24°47	16°41	24°58	1° 8	18°R52	17°32	12°38	n.a.	S 18
M19	23 41 10	23°21'45	28°30	5°19	11°49	22° 9	5°57	24°46	16°40	25° 0	1°10	18°52	17°29	12°45	n.a.	M19
T 20	23 45 7	24°21'27	11♒48	6°28	13° 4	22°52	6° 9	24°45	16°38	25° 2	1°12	18°50	17°26	12°51	n.a.	T 20
W21	23 49 4	25°21'11	25°33	7°44	14°19	23°35	6°20	24°44	16°36	25° 4	1°14	18°45	17°23	12°58	n.a.	W21
T 22	23 53 0	26°20'56	9♓45	9° 3	15°34	24°18	6°32	24°43	16°34	25° 6	1°16	18°38	17°19	13° 5	n.a.	T 22
F 23	23 56 57	27°20'44	24°21	10°27	16°49	25° 1	6°44	24°42	16°33	25° 8	1°18	18°28	17°16	13°12	n.a.	F 23
S 24	0 0 53	28°20'33	9♈12	11°54	18° 4	25°44	6°56	24°41	16°31	25°10	1°21	18°18	17°13	13°18	n.a.	S 24
S 25	0 4 50	29°20'25	24°12	13°24	19°20	26°27	7° 8	24°40	16°30	25°12	1°23	18° 7	17°10	13°25	n.a.	S 25
M26	0 8 46	0♎20'19	9♉ 9	14°56	20°35	27°11	7°20	24°40	16°28	25°14	1°25	17°58	17° 7	13°32	n.a.	M26
T 27	0 12 43	1°20'15	23°55	16°30	21°50	27°54	7°32	24°39	16°27	25°16	1°27	17°51	17° 3	13°38	n.a.	T 27
W28	0 16 39	2°20'13	8♊25	18° 6	23° 6	28°37	7°44	24°39	16°25	25°18	1°29	17°46	17° 0	13°45	n.a.	W28
T 29	0 20 36	3°20'14	22°35	19°42	24°21	29°21	7°56	24°39	16°24	25°21	1°31	17°44	16°57	13°52	n.a.	T 29
F 30	0 24 33	4♎20'17	6♋23	21♍20	25♍36	0♏ 4	8♏ 8	24♑38	16♒22	25♎23	1♍33	17°D44	16♋54	13♏59	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9n35	19n19	3s11	5n35	3s 5	16n23	1n16	3s44	0n 4	11s47	0n48	22s22	1s 6	16s34	0s47	7s49	1n54	25n46	15n28	22n11	22n25	10s41		n.a.
F 2	9 13	21 31	2 7	6 14	2 50	16 0	1 17	4 1	0 3	11 51	0 48	22 22	1 6	16 35	0 47	7 49	1 54	25 45	15 28	22 11	22 25	10 43		n.a.
S 3	8 50	22 24	0 57	6 55	2 33	15 37	1 18	4 19	0 2	11 55	0 48	22 23	1 6	16 35	0 47	7 50	1 54	25 45	15 28	22 11	22 26	10 46		n.a.
S 4	8 28	21 59	0n15	7 36	2 15	15 13	1 19	4 36	0 2	11 58	0 48	22 23	1 6	16 36	0 47	7 51	1 54	25 44	15 28	22 10	22 26	10 48		n.a.
M 5	8 6	20 19	1 25	8 17	1 56	14 49	1 20	4 53	0 1	12 2	0 48	22 24	1 6	16 37	0 47	7 51	1 54	25 43	15 28	22 11	22 26	10 50		n.a.
T 6	7 43	17 37	2 30	8 56	1 36	14 24	1 21	5 10	0 0	12 6	0 47	22 24	1 6	16 37	0 47	7 52	1 54	25 43	15 28	22 11	22 27	10 53		n.a.
W 7	7 20	14 4	3 25	9 32	1 16	13 59	1 22	5 27	0s 1	12 9	0 47	22 25	1 6	16 38	0 47	7 53	1 54	25 42	15 28	22 12	22 27	10 55		n.a.
T 8	6 58	9 57	4 10	10 6	0 56	13 34	1 23	5 44	0 1	12 13	0 47	22 25	1 6	16 39	0 47	7 53	1 54	25 41	15 28	22 13	22 28	10 57		n.a.
F 9	6 35	5 28	4 42	10 36	0 36	13 8	1 24	6 1	0 2	12 17	0 47	22 25	1 6	16 39	0 47	7 54	1 54	25 40	15 29	22 15	22 28	11 0		n.a.
S 10	6 12	0 51	5 0	11 1	0 16	12 42	1 24	6 19	0 3	12 21	0 47	22 26	1 6	16 40	0 47	7 55	1 54	25 40	15 29	22 16	22 29	11 2		n.a.
S 11	5 48	3s45	5 4	11 22	0n 2	12 16	1 25	6 36	0 3	12 25	0 46	22 26	1 6	16 40	0 47	7 55	1 54	25 39	15 29	22 18	22 29	11 5		n.a.
M12	5 25	8 10	4 55	11 38	0 19	11 49	1 25	6 53	0 4	12 29	0 46	22 27	1 6	16 41	0 47	7 56	1 54	25 38	15 29	22 19	22 29	11 7		n.a.
T 13	5 2	12 14	4 34	11 49	0 35	11 22	1 26	7 10	0 5	12 33	0 46	22 27	1 6	16 42	0 47	7 57	1 54	25 38	15 29	22 20	22 30	11 9		n.a.
W14	4 38	15 50	4 0	11 55	0 50	10 54	1 26	7 27	0 5	12 36	0 46	22 27	1 6	16 42	0 47	7 58	1 54	25 37	15 29	22 21	22 30	11 12		n.a.
T 15	4 15	18 48	3 16	11 56	1 3	10 27	1 27	7 44	0 6	12 40	0 46	22 27	1 6	16 43	0 47	7 58	1 54	25 36	15 30	22 21	22 31	11 14		n.a.
F 16	3 51	21 0	2 23	11 52	1 15	9 59	1 27	8 1	0 7	12 44	0 46	22 28	1 5	16 43	0 47	7 59	1 54	25 36	15 30	22 21	22 31	11 16		n.a.
S 17	3 27	22 17	1 23	11 43	1 25	9 30	1 27	8 17	0 8	12 48	0 45	22 28	1 5	16 44	0 47	8 0	1 53	25 35	15 30	22 21	22 32	11 19		n.a.
S 18	3 4	22 29	0 17	11 31	1 34	9 2	1 27	8 34	0 8	12 52	0 45	22 28	1 5	16 44	0 47	8 1	1 53	25 35	15 30	22 21	22 32	11 21		n.a.
M19	2 40	21 31	0s51	11 14	1 41	8 33	1 27	8 51	0 9	12 56	0 45	22 28	1 5	16 45	0 47	8 1	1 53	25 34	15 30	22 21	22 32	11 24		n.a.
T 20	2 16	19 20	1 59	10 54	1 48	8 4	1 27	9 8	0 10	13 0	0 45	22 29	1 5	16 45	0 47	8 2	1 53	25 33	15 31	22 21	22 33	11 26		n.a.
W21	1 52	15 59	3 2	10 30	1 53	7 35	1 27	9 25	0 10	13 4	0 45	22 29	1 5	16 46	0 46	8 3	1 53	25 33	15 31	22 22	22 33	11 28		n.a.
T 22	1 28	11 37	3 56	10 3	1 57	7 5	1 27	9 41	0 11	13 8	0 45	22 29	1 5	16 46	0 46	8 4	1 53	25 32	15 31	22 23	22 34	11 31		n.a.
F 23	1 4	6 29	4 36	9 34	1 59	6 35	1 27	9 58	0 12	13 13	0 44	22 29	1 5	16 47	0 46	8 4	1 53	25 32	15 31	22 24	22 34	11 33		n.a.
S 24	0 40	0 52	4 58	9 2	2 1	6 5	1 27	10 14	0 12	13 17	0 44	22 29	1 5	16 47	0 46	8 5	1 53	25 31	15 32	22 26	22 34	11 35		n.a.
S 25	0 16	4n50	5 0	8 28	2 2	5 35	1 26	10 31	0 13	13 21	0 44	22 29	1 5	16 48	0 46	8 6	1 53	25 31	15 32	22 27	22 35	11 38		n.a.
M26	0s 8	10 15	4 42	7 52	2 2	5 5	1 26	10 47	0 14	13 25	0 44	22 29	1 5	16 48	0 46	8 7	1 53	25 30	15 32	22 29	22 35	11 40		n.a.
T 27	0 32	15 0	4 4	7 14	2 1	4 35	1 25	11 4	0 14	13 29	0 44	22 30	1 5	16 49	0 46	8 8	1 53	25 30	15 33	22 29	22 36	11 43		n.a.
W28	0 56	18 47	3 12	6 35	2 0	4 4	1 25	11 20	0 15	13 33	0 44	22 30	1 5	16 49	0 46	8 8	1 53	25 29	15 33	22 30	22 36	11 45		n.a.
T 29	1 20	21 20	2 9	5 55	1 58	3 33	1 24	11 36	0 16	13 37	0 44	22 30	1 5	16 50	0 46	8 9	1 53	25 29	15 33	22 30	22 36	11 47		n.a.
F 30	1s45	22n33	1s 0	5n14	1n55	3n 3	1n24	11s52	0s16	13s41	0n43	22s30	1s 5	16s50	0s46	8s10	1n53	25n28	15n33	22n30	22n37	11s50		n.a.

Julian Day Number = 1717648.5, Delta T = 02h57m34s
Ecliptic obliquity = 23°41'44, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°12'16, Lahiri = - 4°05'16 Julian Calendar 1 Sept. 11 BCE == Greg. Calendar 30 Aug. 011 BCE

The year -10 astronomical counting style corresponds to year 011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 11 BCE
geocentric

OCTOBER 11 BCE (-10) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 28 29	5♎20'22	19♋52	22♍58	26♍52	0♏48	8♏21	24°D38	16°R21	25♎25	1♍35	17°R44	16♋51	14♏ 5	n.a.	S 1
S 2	0 32 26	6°20'30	3♌ 3	24°37	28° 7	1°32	8°33	24♑38	16♒20	25°27	1°37	17♋43	16°48	14°12	n.a.	S 2
M 3	0 36 22	7°20'40	15°58	26°16	29°22	2°15	8°46	24°38	16°18	25°29	1°38	17°41	16°44	14°19	n.a.	M 3
T 4	0 40 19	8°20'51	28°42	27°56	0♎38	2°59	8°58	24°39	16°17	25°31	1°40	17°35	16°41	14°25	n.a.	T 4
W 5	0 44 15	9°21'05	11♍14	29°35	1°53	3°43	9°11	24°39	16°16	25°33	1°42	17°26	16°38	14°32	n.a.	W 5
T 6	0 48 12	10°21'21	23°36	1♎14	3° 9	4°27	9°23	24°39	16°15	25°36	1°44	17°15	16°35	14°39	n.a.	T 6
F 7	0 52 8	11°21'39	5♎51	2°53	4°24	5°11	9°36	24°40	16°14	25°38	1°46	17° 1	16°32	14°45	n.a.	F 7
S 8	0 56 5	12°21'59	17°57	4°32	5°40	5°55	9°49	24°41	16°13	25°40	1°48	16°46	16°29	14°52	n.a.	S 8
S 9	1 0 1	13°22'20	29°57	6°11	6°55	6°39	10° 2	24°41	16°12	25°42	1°50	16°32	16°25	14°59	n.a.	S 9
M10	1 3 58	14°22'43	11♏51	7°50	8°10	7°23	10°14	24°42	16°11	25°44	1°51	16°18	16°22	15° 6	n.a.	M10
T 11	1 7 55	15°23'08	23°41	9°28	9°26	8° 7	10°27	24°43	16°10	25°47	1°53	16° 7	16°19	15°12	n.a.	T 11
W12	1 11 51	16°23'35	5♐29	11° 6	10°41	8°52	10°40	24°44	16° 9	25°49	1°55	15°59	16°16	15°19	n.a.	W12
T 13	1 15 48	17°24'03	17°20	12°44	11°57	9°36	10°53	24°45	16° 8	25°51	1°57	15°54	16°13	15°26	n.a.	T 13
F 14	1 19 44	18°24'33	29°16	14°21	13°12	10°20	11° 6	24°47	16° 8	25°53	1°58	15°52	16° 9	15°32	n.a.	F 14
S 15	1 23 41	19°25'04	11♑24	15°59	14°28	11° 5	11°19	24°48	16° 7	25°56	2° 0	15°51	16° 6	15°39	n.a.	S 15
S 16	1 27 37	20°25'37	23°48	17°35	15°44	11°49	11°32	24°49	16° 6	25°58	2° 2	15°51	16° 3	15°46	n.a.	S 16
M17	1 31 34	21°26'10	6♒34	19°12	16°59	12°34	11°45	24°51	16° 6	26° 0	2° 3	15°50	16° 0	15°53	n.a.	M17
T 18	1 35 30	22°26'46	19°46	20°48	18°15	13°19	11°58	24°53	16° 5	26° 2	2° 5	15°48	15°57	15°59	n.a.	T 18
W19	1 39 27	23°27'22	3♓28	22°24	19°30	14° 3	12°12	24°55	16° 5	26° 5	2° 6	15°43	15°54	16° 6	n.a.	W19
T 20	1 43 24	24°28'00	17°40	24° 0	20°46	14°48	12°25	24°56	16° 4	26° 7	2° 8	15°36	15°50	16°13	n.a.	T 20
F 21	1 47 20	25°28'39	2♈21	25°35	22° 1	15°33	12°38	24°58	16° 4	26° 9	2°10	15°26	15°47	16°19	n.a.	F 21
S 22	1 51 17	26°29'19	17°24	27°10	23°17	16°18	12°51	25° 0	16° 3	26°11	2°11	15°15	15°44	16°26	n.a.	S 22
S 23	1 55 13	27°30'01	2♉39	28°45	24°32	17° 2	13° 5	25° 3	16° 3	26°14	2°13	15° 4	15°41	16°33	n.a.	S 23
M24	1 59 10	28°30'45	17°56	0♏20	25°48	17°47	13°18	25° 5	16° 3	26°16	2°14	14°53	15°38	16°39	n.a.	M24
T 25	2 3 6	29°31'30	3♊ 4	1°54	27° 3	18°32	13°31	25° 7	16° 3	26°18	2°15	14°46	15°34	16°46	n.a.	T 25
W26	2 7 3	0♏32'17	17°53	3°29	28°19	19°17	13°45	25°10	16° 2	26°20	2°17	14°40	15°31	16°53	n.a.	W26
T 27	2 10 59	1°33'05	2♋18	5° 3	29°34	20° 3	13°58	25°12	16° 2	26°23	2°18	14°38	15°28	17° 0	n.a.	T 27
F 28	2 14 56	2°33'55	16°16	6°37	0♏50	20°48	14°12	25°15	16° 2	26°25	2°20	14°D38	15°25	17° 6	n.a.	F 28
S 29	2 18 53	3°34'47	29°49	8°11	2° 6	21°33	14°25	25°18	16°D 2	26°27	2°21	14°R38	15°22	17°13	n.a.	S 29
S 30	2 22 49	4°35'40	12♌58	9°45	3°21	22°18	14°39	25°21	16° 2	26°29	2°22	14°38	15°19	17°20	n.a.	S 30
M31	2 26 46	5♏36'34	25♌47	11♏18	4♏37	23♏ 4	14♏52	25♑24	16♒ 2	26♎32	2♍23	14♋36	15♋15	17♏26	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s 9	22n24	0n11	4n32	1n52	2n32	1n23	12s 8	0s17	13s45	0n43	22s30	1s 5	16s50	0s46	8s11	1n53	25n28	15n34	22n30	22n37	11s52		n.a.
S 2	2 33	20 59	1 20	3 49	1 48	2 1	1 22	12 24	0 18	13 50	0 43	22 30	1 5	16 51	0 46	8 12	1 53	25 27	15 34	22 30	22 38	11 54		n.a.
M 3	2 57	18 30	2 23	3 6	1 44	1 30	1 21	12 40	0 18	13 54	0 43	22 30	1 5	16 51	0 46	8 12	1 53	25 27	15 34	22 31	22 38	11 57		n.a.
T 4	3 21	15 9	3 18	2 22	1 40	0 59	1 20	12 56	0 19	13 58	0 43	22 29	1 5	16 51	0 46	8 13	1 53	25 27	15 35	22 32	22 38	11 59		n.a.
W 5	3 45	11 10	4 3	1 37	1 35	0 27	1 20	13 12	0 19	14 2	0 43	22 29	1 5	16 52	0 46	8 14	1 53	25 26	15 35	22 33	22 39	12 1		n.a.
T 6	4 9	6 46	4 35	0 53	1 30	0s 4	1 19	13 27	0 20	14 6	0 43	22 29	1 5	16 52	0 46	8 15	1 53	25 26	15 35	22 34	22 39	12 4		n.a.
F 7	4 32	2 9	4 54	0 8	1 25	0 35	1 17	13 43	0 21	14 10	0 42	22 29	1 5	16 52	0 46	8 16	1 53	25 25	15 36	22 36	22 40	12 6		n.a.
S 8	4 56	2s31	4 59	0s37	1 20	1 6	1 16	13 58	0 21	14 15	0 42	22 29	1 5	16 53	0 46	8 16	1 53	25 25	15 36	22 38	22 40	12 9		n.a.
S 9	5 20	7 2	4 51	1 21	1 14	1 38	1 15	14 14	0 22	14 19	0 42	22 29	1 5	16 53	0 46	8 17	1 53	25 25	15 37	22 40	22 40	12 11		n.a.
M10	5 44	11 16	4 31	2 6	1 8	2 9	1 14	14 29	0 23	14 23	0 42	22 29	1 5	16 53	0 46	8 18	1 53	25 24	15 37	22 41	22 41	12 13		n.a.
T 11	6 7	15 3	3 58	2 51	1 2	2 40	1 13	14 44	0 23	14 27	0 42	22 28	1 5	16 53	0 46	8 19	1 53	25 24	15 37	22 43	22 41	12 16		n.a.
W12	6 31	18 14	3 16	3 35	0 56	3 11	1 11	14 59	0 24	14 31	0 42	22 28	1 5	16 54	0 46	8 20	1 53	25 24	15 38	22 44	22 42	12 18		n.a.
T 13	6 54	20 41	2 25	4 20	0 49	3 42	1 10	15 14	0 25	14 36	0 42	22 28	1 5	16 54	0 46	8 21	1 53	25 24	15 38	22 44	22 42	12 20		n.a.
F 14	7 17	22 15	1 27	5 4	0 43	4 13	1 8	15 29	0 25	14 40	0 41	22 28	1 5	16 54	0 46	8 21	1 53	25 23	15 39	22 44	22 42	12 23		n.a.
S 15	7 41	22 49	0 24	5 47	0 37	4 44	1 7	15 43	0 26	14 44	0 41	22 27	1 5	16 54	0 46	8 22	1 53	25 23	15 39	22 45	22 43	12 25		n.a.
S 16	8 4	22 16	0s42	6 31	0 30	5 15	1 5	15 58	0 26	14 48	0 41	22 27	1 5	16 54	0 46	8 23	1 53	25 23	15 39	22 45	22 43	12 27		n.a.
M17	8 27	20 34	1 47	7 14	0 23	5 46	1 4	16 12	0 27	14 52	0 41	22 27	1 5	16 55	0 46	8 24	1 53	25 23	15 40	22 45	22 44	12 30		n.a.
T 18	8 50	17 43	2 49	7 57	0 17	6 16	1 2	16 26	0 28	14 56	0 41	22 26	1 5	16 55	0 46	8 25	1 53	25 22	15 40	22 45	22 44	12 32		n.a.
W19	9 12	13 48	3 43	8 39	0 10	6 47	1 0	16 41	0 28	15 1	0 41	22 26	1 5	16 55	0 46	8 26	1 53	25 22	15 41	22 45	22 44	12 34		n.a.
T 20	9 35	9 0	4 26	9 21	0 4	7 17	0 59	16 54	0 29	15 5	0 41	22 26	1 5	16 55	0 46	8 26	1 53	25 22	15 41	22 46	22 45	12 37		n.a.
F 21	9 57	3 32	4 53	10 2	0s 3	7 47	0 57	17 8	0 29	15 9	0 41	22 25	1 4	16 55	0 46	8 27	1 53	25 22	15 41	22 48	22 45	12 39		n.a.
S 22	10 20	2n17	5 0	10 43	0 10	8 17	0 55	17 22	0 30	15 13	0 41	22 25	1 4	16 55	0 46	8 28	1 53	25 22	15 42	22 49	22 45	12 41		n.a.
S 23	10 42	8 2	4 47	11 24	0 16	8 47	0 53	17 36	0 31	15 17	0 40	22 24	1 4	16 55	0 46	8 29	1 53	25 21	15 42	22 50	22 46	12 44		n.a.
M24	11 4	13 19	4 13	12 4	0 23	9 17	0 51	17 49	0 31	15 21	0 40	22 24	1 4	16 55	0 45	8 30	1 53	25 21	15 43	22 51	22 46	12 46		n.a.
T 25	11 25	17 42	3 21	12 43	0 29	9 46	0 49	18 2	0 32	15 26	0 40	22 24	1 4	16 55	0 45	8 30	1 53	25 21	15 43	22 52	22 47	12 48		n.a.
W26	11 47	20 52	2 17	13 22	0 35	10 15	0 47	18 15	0 32	15 30	0 40	22 23	1 4	16 55	0 45	8 31	1 53	25 21	15 44	22 53	22 47	12 51		n.a.
T 27	12 8	22 36	1 5	14 0	0 42	10 44	0 45	18 28	0 33	15 34	0 40	22 23	1 4	16 55	0 45	8 32	1 53	25 21	15 44	22 53	22 47	12 53		n.a.
F 28	12 30	22 50	0n 9	14 37	0 48	11 13	0 43	18 41	0 34	15 38	0 40	22 22	1 4	16 55	0 45	8 33	1 53	25 21	15 45	22 53	22 48	12 55		n.a.
S 29	12 51	21 42	1 20	15 14	0 54	11 41	0 41	18 54	0 34	15 42	0 40	22 21	1 4	16 55	0 45	8 34	1 53	25 21	15 45	22 53	22 48	12 58		n.a.
S 30	13 11	19 25	2 24	15 50	1 0	12 9	0 39	19 6	0 35	15 46	0 40	22 21	1 4	16 55	0 45	8 35	1 53	25 21	15 46	22 53	22 48	13 0		n.a.
M31	13s32	16n12	3n20	16s25	1s 6	12s37	0n37	19s18	0s35	15s50	0n40	22s20	1s 4	16s55	0s45	8s35	1n53	25n21	15n46	22n53	22n49	13s 2		n.a.

Julian Day Number = 1717678.5, Delta T = 02h57m33s
Ecliptic obliquity = 23°41'44, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°12'12, Lahiri = - 4°05'12 Julian Calendar 1 Oct. 11 BCE == Greg. Calendar 29 Sept. 011 BCE

The year -10 astronomical counting style corresponds to year 011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 11 BCE
geocentric

NOVEMBER 11 BCE (-10) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 30 42	6♏37'30	8♍19	12♏52	5♏52	23♏49	15♏ 6	25♑27	16♒ 3	26♎34	2♍25	14°R31	15♋12	17♏33	n.a.	T 1
W 2	2 34 39	7°38'28	20°40	14°25	7° 8	24°34	15°19	25°30	16° 3	26°36	2°26	14♋24	15° 9	17°40	n.a.	W 2
T 3	2 38 35	8°39'27	2♎50	15°59	8°23	25°20	15°33	25°33	16° 3	26°38	2°27	14°14	15° 6	17°46	n.a.	T 3
F 4	2 42 32	9°40'27	14°53	17°32	9°39	26° 5	15°46	25°36	16° 3	26°41	2°28	14° 2	15° 3	17°53	n.a.	F 4
S 5	2 46 28	10°41'28	26°51	19° 6	10°55	26°51	16° 0	25°40	16° 4	26°43	2°29	13°50	15° 0	18° 0	n.a.	S 5
S 6	2 50 25	11°42'30	8♏45	20°39	12°10	27°37	16°13	25°43	16° 4	26°45	2°30	13°37	14°56	18° 7	n.a.	S 6
M 7	2 54 22	12°43'34	20°36	22°12	13°26	28°22	16°27	25°47	16° 4	26°47	2°31	13°25	14°53	18°13	n.a.	M 7
T 8	2 58 18	13°44'38	2♐26	23°45	14°41	29° 8	16°41	25°51	16° 5	26°49	2°32	13°16	14°50	18°20	n.a.	T 8
W 9	3 2 15	14°45'44	14°16	25°18	15°57	29°54	16°54	25°54	16° 6	26°52	2°33	13° 9	14°47	18°27	n.a.	W 9
T 10	3 6 11	15°46'50	26° 9	26°51	17°12	0♐40	17° 8	25°58	16° 6	26°54	2°34	13° 4	14°44	18°33	n.a.	T 10
F 11	3 10 8	16°47'57	8♑ 9	28°24	18°28	1°26	17°21	26° 2	16° 7	26°56	2°35	13°D 3	14°40	18°40	n.a.	F 11
S 12	3 14 4	17°49'04	20°18	29°57	19°43	2°11	17°35	26° 6	16° 8	26°58	2°36	13° 3	14°37	18°47	n.a.	S 12
S 13	3 18 1	18°50'12	2♒41	1♐30	20°59	2°57	17°49	26°10	16° 8	27° 0	2°37	13° 4	14°34	18°53	n.a.	S 13
M14	3 21 57	19°51'21	15°22	3° 2	22°15	3°43	18° 2	26°15	16° 9	27° 2	2°38	13°R 5	14°31	19° 0	n.a.	M14
T 15	3 25 54	20°52'29	28°27	4°35	23°30	4°29	18°16	26°19	16°10	27° 4	2°39	13° 4	14°28	19° 7	n.a.	T 15
W16	3 29 51	21°53'39	11♓59	6° 6	24°46	5°16	18°30	26°23	16°11	27° 7	2°39	13° 2	14°25	19°14	n.a.	W16
T 17	3 33 47	22°54'48	25°59	7°38	26° 1	6° 2	18°43	26°28	16°12	27° 9	2°40	12°58	14°21	19°20	n.a.	T 17
F 18	3 37 44	23°55'58	10♈29	9° 9	27°17	6°48	18°57	26°32	16°13	27°11	2°41	12°52	14°18	19°27	n.a.	F 18
S 19	3 41 40	24°57'08	25°23	10°40	28°32	7°34	19°10	26°37	16°14	27°13	2°42	12°45	14°15	19°34	n.a.	S 19
S 20	3 45 37	25°58'19	10♉35	12°10	29°48	8°20	19°24	26°42	16°15	27°15	2°42	12°37	14°12	19°40	n.a.	S 20
M21	3 49 33	26°59'30	25°55	13°39	1♐ 3	9° 7	19°38	26°46	16°16	27°17	2°43	12°30	14° 9	19°47	n.a.	M21
T 22	3 53 30	28° 0'41	11♊11	15° 7	2°19	9°53	19°51	26°51	16°18	27°19	2°43	12°25	14° 6	19°54	n.a.	T 22
W23	3 57 26	29° 1'53	26°12	16°34	3°34	10°39	20° 5	26°56	16°19	27°21	2°44	12°22	14° 2	20° 0	n.a.	W23
T 24	4 1 23	0♐ 3'06	10♋52	17°59	4°50	11°26	20°18	27° 1	16°20	27°23	2°44	12°D21	13°59	20° 7	n.a.	T 24
F 25	4 5 20	1° 4'19	25° 5	19°23	6° 5	12°12	20°32	27° 6	16°22	27°25	2°45	12°21	13°56	20°14	n.a.	F 25
S 26	4 9 16	2° 5'33	8♌49	20°45	7°21	12°59	20°45	27°11	16°23	27°27	2°45	12°23	13°53	20°21	n.a.	S 26
S 27	4 13 13	3° 6'47	22° 6	22° 4	8°36	13°45	20°59	27°17	16°24	27°29	2°46	12°24	13°50	20°27	n.a.	S 27
M28	4 17 9	4° 8'02	5♍ 0	23°21	9°51	14°32	21°12	27°22	16°26	27°31	2°46	12°R25	13°46	20°34	n.a.	M28
T 29	4 21 6	5° 9'17	17°32	24°34	11° 7	15°18	21°26	27°27	16°27	27°32	2°46	12°24	13°43	20°41	n.a.	T 29
W30	4 25 2	6♐10'32	29♍49	25♐43	12♐22	16♐ 5	21♏39	27♑33	16♒29	27♎34	2♍47	12♋21	13♋40	20♏47	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s52	12n19	4n 5	17s 0	1s11	13s 4	0n35	19s30	0s36	15s54	0n40	22s20	1s 4	16s55	0s45	8s36	1n53	25n21	15n47	22n54	22n49	13s 4		n.a.
W 2	14 12	7 59	4 37	17 34	1 17	13 32	0 33	19 42	0 36	15 59	0 39	22 19	1 4	16 55	0 45	8 37	1 53	25 21	15 47	22 54	22 49	13 7		n.a.
T 3	14 32	3 23	4 57	18 7	1 22	13 58	0 30	19 54	0 37	16 3	0 39	22 18	1 4	16 55	0 45	8 38	1 53	25 21	15 48	22 56	22 50	13 9		n.a.
F 4	14 52	1s17	5 2	18 39	1 28	14 25	0 28	20 5	0 37	16 7	0 39	22 18	1 4	16 55	0 45	8 39	1 53	25 21	15 48	22 57	22 50	13 11		n.a.
S 5	15 11	5 53	4 55	19 10	1 33	14 51	0 26	20 17	0 38	16 11	0 39	22 17	1 4	16 54	0 45	8 39	1 53	25 21	15 49	22 58	22 51	13 14		n.a.
S 6	15 31	10 14	4 34	19 40	1 38	15 17	0 24	20 28	0 39	16 15	0 39	22 16	1 4	16 54	0 45	8 40	1 53	25 21	15 49	22 59	22 51	13 16		n.a.
M 7	15 49	14 12	4 2	20 10	1 42	15 42	0 21	20 39	0 39	16 19	0 39	22 16	1 4	16 54	0 45	8 41	1 53	25 21	15 50	23 1	22 51	13 18		n.a.
T 8	16 8	17 37	3 19	20 38	1 47	16 7	0 19	20 49	0 40	16 23	0 39	22 15	1 4	16 54	0 45	8 42	1 53	25 21	15 50	23 2	22 52	13 21		n.a.
W 9	16 26	20 19	2 28	21 5	1 51	16 31	0 17	21 0	0 40	16 27	0 39	22 14	1 4	16 54	0 45	8 42	1 53	25 21	15 51	23 2	22 52	13 23		n.a.
T 10	16 44	22 9	1 29	21 31	1 55	16 55	0 14	21 10	0 41	16 31	0 39	22 13	1 4	16 54	0 45	8 43	1 53	25 21	15 51	23 3	22 52	13 25		n.a.
F 11	17 2	23 0	0 26	21 56	1 58	17 19	0 12	21 20	0 41	16 35	0 39	22 13	1 4	16 53	0 45	8 44	1 53	25 22	15 52	23 3	22 53	13 28		n.a.
S 12	17 20	22 47	0s39	22 20	2 2	17 42	0 10	21 30	0 42	16 39	0 39	22 12	1 4	16 53	0 45	8 45	1 53	25 22	15 52	23 3	22 53	13 30		n.a.
S 13	17 37	21 27	1 44	22 43	2 5	18 5	0 7	21 40	0 42	16 43	0 38	22 11	1 4	16 53	0 45	8 45	1 53	25 22	15 53	23 3	22 53	13 32		n.a.
M14	17 53	19 1	2 45	23 4	2 7	18 27	0 5	21 49	0 43	16 46	0 38	22 10	1 4	16 52	0 45	8 46	1 53	25 22	15 54	23 3	22 54	13 34		n.a.
T 15	18 10	15 34	3 39	23 24	2 10	18 48	0 3	21 58	0 43	16 50	0 38	22 9	1 4	16 52	0 45	8 47	1 53	25 22	15 54	23 3	22 54	13 37		n.a.
W16	18 26	11 12	4 24	23 43	2 12	19 10	0 0	22 7	0 44	16 54	0 38	22 9	1 4	16 52	0 45	8 48	1 53	25 22	15 55	23 3	22 54	13 39		n.a.
T 17	18 42	6 6	4 54	24 0	2 13	19 30	0s 2	22 16	0 44	16 58	0 38	22 8	1 4	16 52	0 45	8 48	1 53	25 23	15 55	23 3	22 55	13 41		n.a.
F 18	18 57	0 31	5 7	24 16	2 14	19 50	0 5	22 25	0 45	17 2	0 38	22 7	1 4	16 51	0 45	8 49	1 53	25 23	15 56	23 4	22 55	13 44		n.a.
S 19	19 13	5n16	5 0	24 31	2 15	20 10	0 7	22 33	0 45	17 6	0 38	22 6	1 4	16 51	0 45	8 50	1 53	25 23	15 56	23 5	22 55	13 46		n.a.
S 20	19 27	10 51	4 32	24 43	2 15	20 29	0 9	22 41	0 46	17 10	0 38	22 5	1 4	16 50	0 44	8 51	1 53	25 24	15 57	23 5	22 56	13 48		n.a.
M21	19 42	15 48	3 44	24 55	2 15	20 47	0 12	22 49	0 46	17 13	0 38	22 4	1 4	16 50	0 44	8 51	1 53	25 24	15 57	23 6	22 56	13 50		n.a.
T 22	19 56	19 42	2 41	25 4	2 14	21 5	0 14	22 56	0 47	17 17	0 38	22 3	1 4	16 50	0 44	8 52	1 53	25 24	15 58	23 7	22 56	13 53		n.a.
W23	20 9	22 12	1 26	25 12	2 12	21 22	0 16	23 4	0 47	17 21	0 38	22 2	1 4	16 49	0 44	8 53	1 53	25 24	15 59	23 7	22 57	13 55		n.a.
T 24	20 23	23 7	0 8	25 18	2 10	21 38	0 19	23 11	0 48	17 25	0 38	22 1	1 4	16 49	0 44	8 53	1 53	25 25	15 59	23 7	22 57	13 57		n.a.
F 25	20 36	22 28	1n 9	25 22	2 7	21 54	0 21	23 17	0 48	17 28	0 38	22 0	1 4	16 48	0 44	8 54	1 53	25 25	16 0	23 7	22 57	14 0		n.a.
S 26	20 48	20 29	2 19	25 25	2 3	22 9	0 23	23 24	0 49	17 32	0 37	21 59	1 4	16 48	0 44	8 55	1 53	25 25	16 0	23 7	22 58	14 2		n.a.
S 27	21 0	17 25	3 19	25 25	1 58	22 24	0 26	23 30	0 49	17 36	0 37	21 58	1 4	16 47	0 44	8 55	1 53	25 26	16 1	23 7	22 58	14 4		n.a.
M28	21 12	13 37	4 7	25 24	1 53	22 38	0 28	23 36	0 49	17 39	0 37	21 57	1 4	16 47	0 44	8 56	1 54	25 26	16 1	23 7	22 58	14 6		n.a.
T 29	21 23	9 18	4 43	25 21	1 46	22 51	0 30	23 42	0 50	17 43	0 37	21 56	1 4	16 46	0 44	8 57	1 54	25 27	16 2	23 7	22 59	14 9		n.a.
W30	21s34	4n42	5n 4	25s16	1s39	23s 4	0s33	23s48	0s50	17s46	0n37	21s55	1s 4	16s46	0s44	8s57	1n54	25n27	16n 3	23n 7	22n59	14s11		n.a.

Julian Day Number = 1717709.5, Delta T = 02h57m32s
Ecliptic obliquity = 23°41'44, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°12'08, Lahiri = - 4°05'07 Julian Calendar 1 Nov. 11 BCE == Greg. Calendar 30 Oct. 011 BCE

The year -10 astronomical counting style corresponds to year 011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 11 BCE
geocentric

DECEMBER 11 BCE (-10) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 28 59	7♐11'48	11♎54	26♐48	13♐38	16♐51	21♏53	27♑38	16♒31	27♎36	2♍47	12°R17	13♋37	20♏54	n.a.	T 1
F 2	4 32 56	8°13'04	23°51	27°48	14°53	17°38	22° 6	27°44	16°32	27°38	2°47	12♋11	13°34	21° 1	n.a.	F 2
S 3	4 36 52	9°14'20	5♏43	28°41	16° 9	18°25	22°19	27°49	16°34	27°40	2°47	12° 5	13°31	21° 7	n.a.	S 3
S 4	4 40 49	10°15'37	17°34	29°28	17°24	19°12	22°33	27°55	16°36	27°42	2°47	11°59	13°27	21°14	n.a.	S 4
M 5	4 44 45	11°16'53	29°24	0♑ 6	18°39	19°58	22°46	28° 1	16°38	27°43	2°47	11°53	13°24	21°21	n.a.	M 5
T 6	4 48 42	12°18'10	11♐16	0°37	19°55	20°45	22°59	28° 6	16°40	27°45	2°48	11°48	13°21	21°28	n.a.	T 6
W 7	4 52 38	13°19'26	23°13	0°57	21°10	21°32	23°13	28°12	16°42	27°47	2°48	11°45	13°18	21°34	n.a.	W 7
T 8	4 56 35	14°20'42	5♑14	1°R 8	22°26	22°19	23°26	28°18	16°44	27°49	2°R48	11°44	13°15	21°41	n.a.	T 8
F 9	5 0 31	15°21'58	17°23	1° 7	23°41	23° 6	23°39	28°24	16°46	27°50	2°48	11°D44	13°12	21°48	n.a.	F 9
S 10	5 4 28	16°23'13	29°42	0°54	24°56	23°53	23°52	28°30	16°48	27°52	2°48	11°45	13° 8	21°54	n.a.	S 10
S 11	5 8 25	17°24'28	12♒13	0°30	26°12	24°40	24° 5	28°36	16°50	27°54	2°47	11°46	13° 5	22° 1	n.a.	S 11
M12	5 12 21	18°25'43	25° 0	29♐54	27°27	25°27	24°18	28°42	16°52	27°55	2°47	11°48	13° 2	22° 8	n.a.	M12
T 13	5 16 18	19°26'56	8♓ 5	29° 7	28°42	26°14	24°31	28°49	16°54	27°57	2°47	11°49	12°59	22°14	n.a.	T 13
W14	5 20 14	20°28'09	21°31	28° 9	29°58	27° 1	24°44	28°55	16°56	27°58	2°47	11°R50	12°56	22°21	n.a.	W14
T 15	5 24 11	21°29'21	5♈19	27° 3	1♑13	27°48	24°57	29° 1	16°58	28° 0	2°47	11°49	12°52	22°28	n.a.	T 15
F 16	5 28 7	22°30'32	19°32	25°51	2°28	28°35	25°10	29° 7	17° 1	28° 1	2°46	11°48	12°49	22°34	n.a.	F 16
S 17	5 32 4	23°31'43	4♉ 6	24°34	3°44	29°22	25°23	29°14	17° 3	28° 3	2°46	11°45	12°46	22°41	n.a.	S 17
S 18	5 36 0	24°32'52	18°57	23°15	4°59	0♑ 9	25°36	29°20	17° 5	28° 4	2°46	11°43	12°43	22°48	n.a.	S 18
M19	5 39 57	25°34'01	3♊59	21°57	6°14	0°56	25°49	29°27	17° 8	28° 6	2°45	11°41	12°40	22°55	n.a.	M19
T 20	5 43 54	26°35'09	19° 2	20°42	7°29	1°43	26° 1	29°33	17°10	28° 7	2°45	11°39	12°37	23° 1	n.a.	T 20
W21	5 47 50	27°36'17	3♋59	19°31	8°45	2°30	26°14	29°40	17°13	28° 8	2°45	11°38	12°33	23° 8	n.a.	W21
T 22	5 51 47	28°37'23	18°41	18°28	10° 0	3°18	26°26	29°46	17°15	28°10	2°44	11°D38	12°30	23°15	n.a.	T 22
F 23	5 55 43	29°38'29	3♌ 0	17°32	11°15	4° 5	26°39	29°53	17°18	28°11	2°44	11°39	12°27	23°21	n.a.	F 23
S 24	5 59 40	0♑39'35	16°54	16°44	12°30	4°52	26°51	29°59	17°20	28°12	2°43	11°40	12°24	23°28	n.a.	S 24
S 25	6 3 36	1°40'39	0♍22	16° 6	13°45	5°39	27° 4	0♒ 6	17°23	28°14	2°43	11°41	12°21	23°35	n.a.	S 25
M26	6 7 33	2°41'43	13°24	15°38	15° 0	6°27	27°16	0°13	17°26	28°15	2°42	11°42	12°18	23°41	n.a.	M26
T 27	6 11 30	3°42'47	26° 3	15°18	16°16	7°14	27°29	0°20	17°28	28°16	2°41	11°42	12°14	23°48	n.a.	T 27
W28	6 15 26	4°43'49	8♎23	15° 7	17°31	8° 1	27°41	0°27	17°31	28°17	2°41	11°R42	12°11	23°55	n.a.	W28
T 29	6 19 23	5°44'51	20°29	15°D 4	18°46	8°48	27°53	0°34	17°34	28°18	2°40	11°42	12° 8	24° 1	n.a.	T 29
F 30	6 23 19	6°45'53	2♏25	15°10	20° 1	9°36	28° 5	0°41	17°37	28°19	2°39	11°42	12° 5	24° 8	n.a.	F 30
S 31	6 27 16	7♑46'53	14♏15	15♐22	21♑16	10♑23	28♏17	0♒47	17♒39	28♎21	2♍39	11♋41	12♋ 2	24♏15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s45	0n 1	5n11	25s10	1s30	23s15	0s35	23s53	0s51	17s50	0n37	21s54	1s 4	16s45	0s44	8s58	1n54	25n27	16n 3	23n 7	22n59	14s13		n.a.
F 2	21 55	4s38	5 5	25 1	1 21	23 27	0 37	23 58	0 51	17 53	0 37	21 53	1 3	16 45	0 44	8 59	1 54	25 28	16 4	23 8	23 0	14 15		n.a.
S 3	22 4	9 5	4 45	24 51	1 10	23 37	0 39	24 2	0 52	17 57	0 37	21 51	1 3	16 44	0 44	8 59	1 54	25 28	16 4	23 8	23 0	14 18		n.a.
S 4	22 14	13 12	4 14	24 39	0 58	23 47	0 41	24 7	0 52	18 1	0 37	21 50	1 3	16 44	0 44	9 0	1 54	25 29	16 5	23 9	23 0	14 20		n.a.
M 5	22 22	16 48	3 31	24 26	0 45	23 56	0 43	24 11	0 52	18 4	0 37	21 49	1 3	16 43	0 44	9 0	1 54	25 29	16 5	23 9	23 1	14 22		n.a.
T 6	22 31	19 45	2 39	24 12	0 30	24 4	0 46	24 15	0 53	18 7	0 37	21 48	1 3	16 42	0 44	9 1	1 54	25 30	16 6	23 10	23 1	14 24		n.a.
W 7	22 39	21 51	1 40	23 56	0 14	24 11	0 48	24 18	0 53	18 11	0 37	21 47	1 3	16 42	0 44	9 2	1 54	25 30	16 6	23 10	23 1	14 27		n.a.
T 8	22 46	23 0	0 36	23 39	0n 2	24 18	0 50	24 22	0 54	18 14	0 37	21 45	1 3	16 41	0 44	9 2	1 54	25 31	16 7	23 10	23 2	14 29		n.a.
F 9	22 53	23 4	0s31	23 21	0 20	24 24	0 52	24 25	0 54	18 18	0 37	21 44	1 3	16 41	0 44	9 3	1 54	25 31	16 8	23 10	23 2	14 31		n.a.
S 10	22 59	22 1	1 37	23 3	0 39	24 29	0 54	24 27	0 54	18 21	0 37	21 43	1 3	16 40	0 44	9 3	1 54	25 32	16 8	23 10	23 2	14 33		n.a.
S 11	23 6	19 52	2 40	22 44	0 58	24 34	0 56	24 30	0 55	18 24	0 37	21 42	1 3	16 39	0 44	9 4	1 54	25 32	16 9	23 10	23 3	14 36		n.a.
M12	23 11	16 43	3 36	22 24	1 17	24 38	0 57	24 32	0 55	18 28	0 37	21 40	1 3	16 39	0 44	9 4	1 54	25 33	16 9	23 10	23 3	14 38		n.a.
T 13	23 16	12 41	4 23	22 5	1 37	24 41	0 59	24 34	0 55	18 31	0 36	21 39	1 3	16 38	0 44	9 5	1 54	25 34	16 10	23 10	23 3	14 40		n.a.
W14	23 21	7 56	4 56	21 45	1 56	24 43	1 1	24 35	0 56	18 34	0 36	21 38	1 3	16 37	0 44	9 5	1 54	25 34	16 10	23 10	23 4	14 42		n.a.
T 15	23 25	2 39	5 14	21 26	2 14	24 44	1 3	24 37	0 56	18 37	0 36	21 37	1 4	16 36	0 44	9 6	1 54	25 35	16 11	23 10	23 4	14 45		n.a.
F 16	23 29	2n54	5 13	21 7	2 31	24 45	1 5	24 38	0 56	18 40	0 36	21 35	1 4	16 36	0 44	9 6	1 54	25 35	16 11	23 10	23 4	14 47		n.a.
S 17	23 32	8 26	4 52	20 49	2 46	24 45	1 6	24 38	0 57	18 44	0 36	21 34	1 4	16 35	0 44	9 7	1 54	25 36	16 12	23 10	23 5	14 49		n.a.
S 18	23 35	13 36	4 12	20 32	2 59	24 44	1 8	24 39	0 57	18 47	0 36	21 33	1 4	16 34	0 44	9 7	1 54	25 37	16 13	23 10	23 5	14 51		n.a.
M19	23 37	18 0	3 14	20 18	3 10	24 42	1 10	24 39	0 57	18 50	0 36	21 31	1 4	16 34	0 44	9 8	1 54	25 37	16 13	23 11	23 5	14 54		n.a.
T 20	23 39	21 13	2 2	20 4	3 18	24 40	1 11	24 39	0 58	18 53	0 36	21 30	1 4	16 33	0 44	9 8	1 55	25 38	16 14	23 11	23 5	14 56		n.a.
W21	23 40	22 56	0 42	19 54	3 24	24 37	1 13	24 38	0 58	18 56	0 36	21 28	1 4	16 32	0 44	9 9	1 55	25 38	16 14	23 11	23 6	14 58		n.a.
T 22	23 41	23 1	0n39	19 45	3 27	24 33	1 14	24 38	0 58	18 59	0 36	21 27	1 4	16 31	0 44	9 9	1 55	25 39	16 15	23 11	23 6	15 0		n.a.
F 23	23 42	21 34	1 56	19 39	3 28	24 28	1 15	24 37	0 59	19 2	0 36	21 26	1 4	16 30	0 43	9 10	1 55	25 40	16 15	23 11	23 6	15 3		n.a.
S 24	23 42	18 51	3 3	19 35	3 27	24 22	1 17	24 35	0 59	19 5	0 36	21 24	1 4	16 30	0 43	9 10	1 55	25 40	16 16	23 11	23 7	15 5		n.a.
S 25	23 41	15 10	3 59	19 34	3 25	24 16	1 18	24 34	0 59	19 8	0 36	21 23	1 4	16 29	0 43	9 10	1 55	25 41	16 16	23 11	23 7	15 7		n.a.
M26	23 40	10 53	4 40	19 36	3 20	24 9	1 19	24 32	1 0	19 11	0 36	21 21	1 4	16 28	0 43	9 11	1 55	25 42	16 17	23 10	23 7	15 9		n.a.
T 27	23 39	6 15	5 6	19 39	3 15	24 1	1 20	24 30	1 0	19 13	0 36	21 20	1 4	16 27	0 43	9 11	1 55	25 43	16 17	23 10	23 8	15 11		n.a.
W28	23 37	1 29	5 17	19 45	3 8	23 53	1 22	24 27	1 0	19 16	0 36	21 18	1 4	16 26	0 43	9 11	1 55	25 43	16 18	23 10	23 8	15 14		n.a.
T 29	23 34	3s15	5 14	19 52	3 0	23 44	1 23	24 24	1 0	19 19	0 36	21 17	1 4	16 25	0 43	9 12	1 55	25 44	16 18	23 10	23 8	15 16		n.a.
F 30	23 31	7 48	4 57	20 1	2 52	23 34	1 24	24 21	1 1	19 22	0 36	21 15	1 4	16 24	0 43	9 12	1 55	25 45	16 19	23 10	23 8	15 18		n.a.
S 31	23s28	12s 2	4n28	20s11	2n42	23s23	1s25	24s18	1s 1	19s25	0n36	21s14	1s 4	16s24	0s43	9s12	1n55	25n45	16n19	23n11	23n 9	15s20		n.a.

Julian Day Number = 1717739.5, Delta T = 02h57m31s
Ecliptic obliquity = 23°41'44, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°12'04, Lahiri = - 4°05'03 Julian Calendar 1 Dec. 11 BCE == Greg. Calendar 29 Nov. 011 BCE

The year -10 astronomical counting style corresponds to year 011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 10 BCE
geocentric

JANUARY 10 BCE (-9) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 31 12	8♑47'52	26♏ 4	15♐41	22♑31	11♑10	28♏29	0♒54	17♒42	28♎22	2°R38	11°R41	11♋58	24♏22	n.a.	S 1
M 2	6 35 9	9°48'51	7♐56	16° 7	23°46	11°58	28°41	1° 1	17°45	28°23	2♍37	11♋40	11°55	24°28	n.a.	M 2
T 3	6 39 5	10°49'49	19°53	16°38	25° 1	12°45	28°53	1° 8	17°48	28°24	2°36	11°40	11°52	24°35	n.a.	T 3
W 4	6 43 2	11°50'45	1♑57	17°14	26°16	13°32	29° 5	1°15	17°51	28°25	2°35	11°D40	11°49	24°42	n.a.	W 4
T 5	6 46 59	12°51'41	14°11	17°55	27°31	14°20	29°16	1°23	17°54	28°25	2°34	11°R40	11°46	24°48	n.a.	T 5
F 6	6 50 55	13°52'35	26°35	18°40	28°46	15° 7	29°28	1°30	17°57	28°26	2°34	11°40	11°43	24°55	n.a.	F 6
S 7	6 54 52	14°53'28	9♒12	19°29	0♒ 1	15°54	29°40	1°37	18° 0	28°27	2°33	11°40	11°39	25° 2	n.a.	S 7
S 8	6 58 48	15°54'19	22° 2	20°22	1°16	16°42	29°51	1°44	18° 3	28°28	2°32	11°39	11°36	25° 8	n.a.	S 8
M 9	7 2 45	16°55'09	5♓ 5	21°18	2°31	17°29	0♐ 2	1°51	18° 6	28°29	2°31	11°39	11°33	25°15	n.a.	M 9
T 10	7 6 41	17°55'57	18°22	22°17	3°46	18°17	0°14	1°58	18° 9	28°30	2°30	11°38	11°30	25°22	n.a.	T 10
W11	7 10 38	18°56'43	1♈54	23°19	5° 1	19° 4	0°25	2° 5	18°12	28°30	2°29	11°37	11°27	25°28	n.a.	W11
T 12	7 14 34	19°57'28	15°41	24°23	6°16	19°51	0°36	2°13	18°15	28°31	2°27	11°D37	11°23	25°35	n.a.	T 12
F 13	7 18 31	20°58'10	29°43	25°29	7°31	20°39	0°47	2°20	18°18	28°32	2°26	11°37	11°20	25°42	n.a.	F 13
S 14	7 22 28	21°58'52	13♉58	26°38	8°45	21°26	0°58	2°27	18°21	28°32	2°25	11°38	11°17	25°48	n.a.	S 14
S 15	7 26 24	22°59'31	28°25	27°48	10° 0	22°14	1° 9	2°34	18°25	28°33	2°24	11°39	11°14	25°55	n.a.	S 15
M16	7 30 21	24° 0'08	12♊59	29° 1	11°15	23° 1	1°20	2°42	18°28	28°33	2°23	11°40	11°11	26° 2	n.a.	M16
T 17	7 34 17	25° 0'44	27°36	0♑15	12°30	23°48	1°30	2°49	18°31	28°34	2°22	11°40	11° 8	26° 9	n.a.	T 17
W18	7 38 14	26° 1'18	12♋11	1°30	13°44	24°36	1°41	2°56	18°34	28°34	2°20	11°R41	11° 4	26°15	n.a.	W18
T 19	7 42 10	27° 1'51	26°36	2°48	14°59	25°23	1°51	3° 4	18°37	28°35	2°19	11°40	11° 1	26°22	n.a.	T 19
F 20	7 46 7	28° 2'21	10♌47	4° 7	16°14	26°10	2° 2	3°11	18°41	28°35	2°18	11°39	10°58	26°29	n.a.	F 20
S 21	7 50 3	29° 2'50	24°38	5°27	17°28	26°58	2°12	3°18	18°44	28°36	2°17	11°37	10°55	26°35	n.a.	S 21
S 22	7 54 0	0♒ 3'17	8♍ 8	6°48	18°43	27°45	2°22	3°25	18°47	28°36	2°15	11°34	10°52	26°42	n.a.	S 22
M23	7 57 57	1° 3'43	21°14	8°11	19°57	28°32	2°32	3°33	18°51	28°36	2°14	11°31	10°49	26°49	n.a.	M23
T 24	8 1 53	2° 4'07	3♎58	9°35	21°12	29°20	2°42	3°40	18°54	28°37	2°13	11°29	10°45	26°55	n.a.	T 24
W25	8 5 50	3° 4'30	16°23	11° 0	22°27	0♒ 7	2°52	3°47	18°57	28°37	2°11	11°27	10°42	27° 2	n.a.	W25
T 26	8 9 46	4° 4'51	28°32	12°27	23°41	0°54	3° 2	3°55	19° 1	28°37	2°10	11°26	10°39	27° 9	n.a.	T 26
F 27	8 13 43	5° 5'11	10♏30	13°54	24°55	1°42	3°12	4° 2	19° 4	28°37	2° 9	11°D26	10°36	27°15	n.a.	F 27
S 28	8 17 39	6° 5'29	22°21	15°23	26°10	2°29	3°21	4° 9	19° 7	28°38	2° 7	11°27	10°33	27°22	n.a.	S 28
S 29	8 21 36	7° 5'45	4♐10	16°52	27°24	3°16	3°30	4°17	19°11	28°38	2° 6	11°28	10°29	27°29	n.a.	S 29
M30	8 25 32	8° 6'00	16° 3	18°23	28°39	4° 3	3°40	4°24	19°14	28°38	2° 4	11°30	10°26	27°35	n.a.	M30
T 31	8 29 29	9♒ 6'13	28♐ 3	19♑55	29♒53	4♒51	3♐49	4♒31	19♒17	28♎38	2♍ 3	11♋32	10♋23	27♏42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s24	15s48	3n47	20s23	2n33	23s12	1s25	24s14	1s 1	19s27	0n36	21s12	1s 4	16s23	0s43	9s13	1n55	25n46	16n20	23n11	23n 9	15s22		n.a.
M 2	23 20	18 58	2 57	20 35	2 23	23 0	1 26	24 10	1 1	19 30	0 36	21 11	1 4	16 22	0 43	9 13	1 55	25 47	16 20	23 11	23 9	15 25		n.a.
T 3	23 15	21 20	1 58	20 49	2 13	22 47	1 27	24 6	1 2	19 33	0 36	21 9	1 4	16 21	0 43	9 13	1 55	25 48	16 21	23 11	23 10	15 27		n.a.
W 4	23 10	22 47	0 54	21 2	2 3	22 33	1 28	24 1	1 2	19 35	0 36	21 8	1 4	16 20	0 43	9 14	1 55	25 48	16 21	23 11	23 10	15 29		n.a.
T 5	23 4	23 10	0s14	21 16	1 53	22 19	1 28	23 57	1 2	19 38	0 36	21 6	1 4	16 19	0 43	9 14	1 55	25 49	16 22	23 11	23 10	15 31		n.a.
F 6	22 58	22 24	1 22	21 31	1 42	22 5	1 29	23 52	1 2	19 40	0 36	21 5	1 4	16 18	0 43	9 14	1 55	25 50	16 22	23 11	23 10	15 33		n.a.
S 7	22 51	20 30	2 27	21 45	1 32	21 49	1 29	23 46	1 2	19 43	0 36	21 3	1 4	16 17	0 43	9 14	1 56	25 51	16 23	23 11	23 11	15 36		n.a.
S 8	22 44	17 33	3 26	21 59	1 22	21 33	1 30	23 41	1 3	19 45	0 36	21 2	1 4	16 16	0 43	9 15	1 56	25 52	16 23	23 11	23 11	15 38		n.a.
M 9	22 37	13 42	4 15	22 13	1 11	21 16	1 30	23 35	1 3	19 48	0 35	21 0	1 4	16 15	0 43	9 15	1 56	25 52	16 24	23 11	23 11	15 40		n.a.
T 10	22 29	9 6	4 52	22 27	1 1	20 59	1 31	23 28	1 3	19 50	0 35	20 58	1 4	16 14	0 43	9 15	1 56	25 53	16 24	23 11	23 12	15 42		n.a.
W11	22 20	4 0	5 13	22 40	0 52	20 41	1 31	23 22	1 3	19 53	0 35	20 57	1 4	16 13	0 43	9 15	1 56	25 54	16 24	23 11	23 12	15 44		n.a.
T 12	22 12	1n23	5 16	22 53	0 42	20 22	1 31	23 15	1 3	19 55	0 35	20 55	1 4	16 12	0 43	9 16	1 56	25 55	16 25	23 11	23 12	15 46		n.a.
F 13	22 2	6 47	5 2	23 5	0 32	20 3	1 31	23 8	1 4	19 57	0 35	20 54	1 4	16 11	0 43	9 16	1 56	25 56	16 25	23 11	23 12	15 49		n.a.
S 14	21 53	11 56	4 28	23 16	0 23	19 44	1 31	23 1	1 4	20 0	0 35	20 52	1 4	16 10	0 43	9 16	1 56	25 56	16 26	23 11	23 13	15 51		n.a.
S 15	21 43	16 29	3 38	23 27	0 14	19 23	1 31	22 53	1 4	20 2	0 35	20 50	1 4	16 9	0 43	9 16	1 56	25 57	16 26	23 11	23 13	15 53		n.a.
M16	21 32	20 5	2 32	23 37	0 5	19 3	1 31	22 46	1 4	20 4	0 35	20 49	1 4	16 8	0 43	9 16	1 56	25 58	16 26	23 11	23 13	15 55		n.a.
T 17	21 21	22 23	1 17	23 46	0s 4	18 41	1 31	22 38	1 4	20 6	0 35	20 47	1 5	16 7	0 43	9 16	1 56	25 59	16 27	23 11	23 13	15 57		n.a.
W18	21 10	23 11	0n 3	23 54	0 13	18 19	1 31	22 29	1 4	20 9	0 35	20 45	1 5	16 6	0 43	9 16	1 56	26 0	16 27	23 11	23 14	15 59		n.a.
T 19	20 59	22 24	1 22	24 1	0 21	17 57	1 30	22 21	1 4	20 11	0 35	20 44	1 5	16 5	0 43	9 17	1 56	26 0	16 28	23 11	23 14	16 2		n.a.
F 20	20 47	20 11	2 34	24 7	0 29	17 34	1 30	22 12	1 5	20 13	0 35	20 42	1 5	16 4	0 43	9 17	1 56	26 1	16 28	23 11	23 14	16 4		n.a.
S 21	20 34	16 50	3 36	24 12	0 37	17 11	1 29	22 3	1 5	20 15	0 35	20 40	1 5	16 3	0 43	9 17	1 56	26 2	16 28	23 11	23 14	16 6		n.a.
S 22	20 21	12 40	4 23	24 15	0 44	16 47	1 29	21 53	1 5	20 17	0 35	20 39	1 5	16 2	0 43	9 17	1 57	26 3	16 29	23 11	23 15	16 8		n.a.
M23	20 8	8 2	4 56	24 18	0 51	16 23	1 28	21 44	1 5	20 19	0 35	20 37	1 5	16 1	0 43	9 17	1 57	26 4	16 29	23 11	23 15	16 10		n.a.
T 24	19 55	3 11	5 13	24 19	0 58	15 58	1 28	21 34	1 5	20 21	0 35	20 35	1 5	16 0	0 43	9 17	1 57	26 4	16 29	23 12	23 15	16 12		n.a.
W25	19 41	1s41	5 14	24 19	1 5	15 33	1 27	21 24	1 5	20 23	0 35	20 34	1 5	15 59	0 43	9 17	1 57	26 5	16 30	23 12	23 16	16 15		n.a.
T 26	19 27	6 23	5 1	24 17	1 11	15 7	1 26	21 14	1 5	20 25	0 35	20 32	1 5	15 58	0 43	9 17	1 57	26 6	16 30	23 12	23 16	16 17		n.a.
F 27	19 12	10 46	4 36	24 15	1 17	14 41	1 25	21 3	1 5	20 27	0 35	20 30	1 5	15 57	0 43	9 17	1 57	26 7	16 30	23 12	23 16	16 19		n.a.
S 28	18 57	14 43	3 59	24 11	1 23	14 15	1 24	20 52	1 5	20 29	0 35	20 29	1 5	15 56	0 43	9 17	1 57	26 8	16 31	23 12	23 16	16 21		n.a.
S 29	18 42	18 4	3 11	24 5	1 29	13 48	1 23	20 41	1 5	20 30	0 35	20 27	1 5	15 55	0 43	9 17	1 57	26 9	16 31	23 12	23 17	16 23		n.a.
M30	18 26	20 43	2 16	23 58	1 34	13 21	1 22	20 30	1 5	20 32	0 35	20 25	1 5	15 53	0 43	9 17	1 57	26 9	16 31	23 11	23 17	16 25		n.a.
T 31	18s10	22s27	1n13	23s49	1s39	12s54	1s21	20s19	1s 5	20s34	0n35	20s24	1s 5	15s52	0s43	9s17	1n57	26n10	16n31	23n11	23n17	16s27		n.a.

Julian Day Number = 1717770.5, Delta T = 02h57m30s
Ecliptic obliquity = 23°41'44, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°11'59, Lahiri = - 4°04'59 Julian Calendar 1 Jan. 10 BCE == Greg. Calendar 30 Dec. 011 BCE

The year -09 astronomical counting style corresponds to year 010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 10 BCE
geocentric

FEBRUARY 10 BCE (-9) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 33 26	10♒ 6'25	10♉15	21♉28	1♓ 7	5♒38	3♐58	4♒39	19♒21	28°R38	2°R 1	11°R32	10♋20	27♏49	n.a.	W 1
T 2	8 37 22	11° 6'35	22°41	23° 2	2°22	6°25	4° 7	4°46	19°24	28♎38	2♍ 0	11♋32	10°17	27°55	n.a.	T 2
F 3	8 41 19	12° 6'43	5♒22	24°37	3°36	7°12	4°16	4°53	19°28	28°38	1°58	11°30	10°14	28° 2	n.a.	F 3
S 4	8 45 15	13° 6'48	18°20	26°14	4°50	8° 0	4°24	5° 1	19°31	28°38	1°57	11°26	10°10	28° 9	n.a.	S 4
S 5	8 49 12	14° 6'52	1♓33	27°51	6° 4	8°47	4°33	5° 8	19°35	28°38	1°55	11°21	10° 7	28°15	n.a.	S 5
M 6	8 53 8	15° 6'54	15° 2	29°29	7°18	9°34	4°42	5°15	19°38	28°37	1°54	11°16	10° 4	28°22	n.a.	M 6
T 7	8 57 5	16° 6'54	28°43	1♒ 9	8°33	10°21	4°50	5°22	19°41	28°37	1°52	11°10	10° 1	28°29	n.a.	T 7
W 8	9 1 1	17° 6'51	12♈34	2°49	9°47	11° 8	4°58	5°30	19°45	28°37	1°51	11° 5	9°58	28°36	n.a.	W 8
T 9	9 4 58	18° 6'46	26°33	4°31	11° 1	11°55	5° 6	5°37	19°48	28°37	1°49	11° 2	9°55	28°42	n.a.	T 9
F 10	9 8 55	19° 6'39	10♉37	6°14	12°15	12°42	5°14	5°44	19°52	28°36	1°47	11° 0	9°51	28°49	n.a.	F 10
S 11	9 12 51	20° 6'29	24°45	7°58	13°29	13°29	5°22	5°51	19°55	28°36	1°46	11°D 0	9°48	28°56	n.a.	S 11
S 12	9 16 48	21° 6'17	8♊56	9°43	14°43	14°17	5°29	5°59	19°59	28°36	1°44	11° 1	9°45	29° 2	n.a.	S 12
M13	9 20 44	22° 6'03	23° 7	11°29	15°56	15° 4	5°37	6° 6	20° 2	28°35	1°43	11° 2	9°42	29° 9	n.a.	M13
T 14	9 24 41	23° 5'46	7♋16	13°17	17°10	15°50	5°44	6°13	20° 5	28°35	1°41	11°R 3	9°39	29°16	n.a.	T 14
W15	9 28 37	24° 5'27	21°22	15° 5	18°24	16°37	5°51	6°20	20° 9	28°35	1°39	11° 3	9°35	29°22	n.a.	W15
T 16	9 32 34	25° 5'06	5♌21	16°55	19°38	17°24	5°59	6°27	20°12	28°34	1°38	11° 0	9°32	29°29	n.a.	T 16
F 17	9 36 30	26° 4'43	19°10	18°46	20°51	18°11	6° 6	6°34	20°16	28°34	1°36	10°56	9°29	29°36	n.a.	F 17
S 18	9 40 27	27° 4'17	2♍45	20°39	22° 5	18°58	6°12	6°41	20°19	28°33	1°35	10°49	9°26	29°42	n.a.	S 18
S 19	9 44 24	28° 3'49	16° 3	22°32	23°19	19°45	6°19	6°48	20°23	28°32	1°33	10°41	9°23	29°49	n.a.	S 19
M20	9 48 20	29° 3'20	29° 4	24°27	24°32	20°32	6°25	6°55	20°26	28°32	1°31	10°32	9°20	29°56	n.a.	M20
T 21	9 52 17	0♓ 2'48	11♎46	26°23	25°46	21°19	6°32	7° 2	20°29	28°31	1°30	10°24	9°16	0♐ 2	n.a.	T 21
W22	9 56 13	1° 2'14	24°11	28°20	26°59	22° 5	6°38	7° 9	20°33	28°31	1°28	10°17	9°13	0° 9	n.a.	W22
T 23	10 0 10	2° 1'38	6♏21	0♓18	28°13	22°52	6°44	7°16	20°36	28°30	1°26	10°11	9°10	0°16	n.a.	T 23
F 24	10 4 6	3° 1'01	18°19	2°17	29°26	23°39	6°50	7°23	20°40	28°29	1°25	10° 8	9° 7	0°22	n.a.	F 24
S 25	10 8 3	4° 0'21	0♐11	4°17	0♈39	24°25	6°56	7°30	20°43	28°28	1°23	10°D 6	9° 4	0°29	n.a.	S 25
S 26	10 11 59	4°59'40	12° 1	6°18	1°53	25°12	7° 1	7°37	20°46	28°28	1°21	10° 7	9° 1	0°36	n.a.	S 26
M27	10 15 56	5°58'57	23°54	8°20	3° 6	25°59	7° 7	7°43	20°50	28°27	1°20	10° 8	8°57	0°42	n.a.	M27
T 28	10 19 52	6♓58'12	5♉56	10♓22	4♈19	26♒45	7♐12	7♒50	20♒53	28♎26	1♍18	10°R 8	8♋54	0♐49	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s54	23s11	0n 7	23s39	1s43	12s26	1s20	20s 7	1s 5	20s36	0n35	20s22	1s 5	15s51	0s43	9s17	1n57	26n11	16n32	23n11	23n17	16s29		n.a.
T 2	17 38	22 46	1s 1	23 28	1 47	11 58	1 19	19 55	1 5	20 37	0 35	20 20	1 6	15 50	0 43	9 17	1 57	26 12	16 32	23 11	23 18	16 32		n.a.
F 3	17 21	21 11	2 7	23 15	1 51	11 30	1 18	19 43	1 5	20 39	0 35	20 18	1 6	15 49	0 43	9 17	1 57	26 13	16 32	23 12	23 18	16 34		n.a.
S 4	17 4	18 28	3 8	23 0	1 54	11 1	1 16	19 31	1 5	20 41	0 35	20 17	1 6	15 48	0 43	9 17	1 57	26 13	16 32	23 12	23 18	16 36		n.a.
S 5	16 46	14 46	4 0	22 44	1 57	10 32	1 15	19 19	1 5	20 42	0 35	20 15	1 6	15 47	0 43	9 16	1 57	26 14	16 33	23 12	23 18	16 38		n.a.
M 6	16 29	10 15	4 39	22 26	2 0	10 3	1 13	19 6	1 5	20 44	0 35	20 13	1 6	15 46	0 43	9 16	1 57	26 15	16 33	23 13	23 19	16 40		n.a.
T 7	16 11	5 9	5 4	22 6	2 2	9 34	1 12	18 53	1 5	20 45	0 35	20 12	1 6	15 45	0 43	9 16	1 58	26 16	16 33	23 13	23 19	16 42		n.a.
W 8	15 52	0n15	5 11	21 45	2 4	9 4	1 10	18 40	1 5	20 47	0 35	20 10	1 6	15 44	0 43	9 16	1 58	26 16	16 33	23 14	23 19	16 44		n.a.
T 9	15 34	5 41	5 0	21 22	2 5	8 34	1 8	18 27	1 5	20 48	0 35	20 8	1 6	15 43	0 43	9 16	1 58	26 17	16 33	23 14	23 19	16 46		n.a.
F 10	15 15	10 53	4 31	20 57	2 6	8 4	1 7	18 13	1 5	20 50	0 35	20 7	1 6	15 42	0 43	9 16	1 58	26 18	16 34	23 14	23 20	16 48		n.a.
S 11	14 56	15 31	3 45	20 31	2 7	7 33	1 5	18 0	1 5	20 51	0 35	20 5	1 6	15 40	0 43	9 16	1 58	26 19	16 34	23 14	23 20	16 51		n.a.
S 12	14 37	19 18	2 46	20 3	2 7	7 3	1 3	17 46	1 5	20 52	0 35	20 3	1 6	15 39	0 43	9 15	1 58	26 20	16 34	23 14	23 20	16 53		n.a.
M13	14 18	21 55	1 36	19 33	2 7	6 32	1 1	17 32	1 5	20 54	0 35	20 1	1 7	15 38	0 43	9 15	1 58	26 20	16 34	23 14	23 20	16 55		n.a.
T 14	13 58	23 9	0 21	19 1	2 6	6 1	0 59	17 18	1 5	20 55	0 35	20 0	1 7	15 37	0 43	9 15	1 58	26 21	16 34	23 14	23 20	16 57		n.a.
W15	13 38	22 54	0n56	18 28	2 4	5 30	0 57	17 3	1 5	20 56	0 35	19 58	1 7	15 36	0 43	9 15	1 58	26 22	16 34	23 14	23 21	16 59		n.a.
T 16	13 18	21 12	2 8	17 53	2 3	4 59	0 55	16 49	1 5	20 58	0 35	19 56	1 7	15 35	0 43	9 15	1 58	26 22	16 34	23 14	23 21	17 1		n.a.
F 17	12 58	18 16	3 11	17 16	2 0	4 28	0 53	16 34	1 5	20 59	0 35	19 55	1 7	15 34	0 43	9 14	1 58	26 23	16 35	23 14	23 21	17 3		n.a.
S 18	12 37	14 22	4 3	16 37	1 57	3 57	0 50	16 19	1 5	21 0	0 35	19 53	1 7	15 33	0 43	9 14	1 58	26 24	16 35	23 15	23 21	17 5		n.a.
S 19	12 16	9 51	4 40	15 57	1 54	3 25	0 48	16 4	1 5	21 1	0 35	19 51	1 7	15 32	0 43	9 14	1 58	26 25	16 35	23 16	23 22	17 7		n.a.
M20	11 56	4 58	5 1	15 15	1 50	2 54	0 46	15 49	1 5	21 2	0 35	19 49	1 7	15 31	0 43	9 14	1 58	26 25	16 35	23 16	23 22	17 9		n.a.
T 21	11 35	0 0	5 7	14 31	1 46	2 22	0 44	15 34	1 5	21 3	0 35	19 48	1 7	15 29	0 43	9 13	1 58	26 26	16 35	23 17	23 22	17 11		n.a.
W22	11 13	4s51	4 58	13 45	1 41	1 50	0 41	15 19	1 4	21 5	0 35	19 46	1 7	15 28	0 43	9 13	1 58	26 27	16 35	23 18	23 22	17 13		n.a.
T 23	10 52	9 26	4 36	12 58	1 35	1 19	0 39	15 3	1 4	21 6	0 35	19 44	1 8	15 27	0 43	9 13	1 59	26 27	16 35	23 18	23 23	17 16		n.a.
F 24	10 30	13 36	4 2	12 9	1 29	0 47	0 36	14 47	1 4	21 7	0 35	19 43	1 8	15 26	0 43	9 12	1 59	26 28	16 35	23 18	23 23	17 18		n.a.
S 25	10 9	17 11	3 18	11 19	1 22	0 15	0 34	14 32	1 4	21 8	0 35	19 41	1 8	15 25	0 43	9 12	1 59	26 29	16 35	23 18	23 23	17 20		n.a.
S 26	9 47	20 4	2 25	10 27	1 15	0n17	0 31	14 16	1 4	21 8	0 35	19 39	1 8	15 24	0 43	9 12	1 59	26 29	16 35	23 18	23 23	17 22		n.a.
M27	9 25	22 7	1 26	9 34	1 7	0 49	0 29	14 0	1 4	21 9	0 35	19 38	1 8	15 23	0 43	9 11	1 59	26 30	16 35	23 18	23 23	17 24		n.a.
T 28	9s 3	23s11	0n23	8s40	0s59	1n20	0s26	13s43	1s 4	21s10	0n35	19s36	1s 8	15s22	0s43	9s11	1n59	26n31	16n35	23n18	23n24	17s26		n.a.

Julian Day Number = 1717801.5, Delta T = 02h57m29s
Ecliptic obliquity = 23°41'44, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°11'55, Lahiri = - 4°04'55 Julian Calendar 1 Feb. 10 BCE == Greg. Calendar 30 Jan. 010 BCE

The year -09 astronomical counting style corresponds to year 010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 10 BCE
geocentric

MARCH 10 BCE (-9) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 23 49	7♓57'25	18♉11	12♓25	5♈32	27♒32	7♐17	7♒57	20♒56	28°R25	1°R17	10°R 8	8♋51	0♐56	n.a.	W 1
T 2	10 27 46	8°56'36	0♒44	14°28	6°45	28°18	7°22	8° 3	21° 0	28♎24	1♍15	10♋ 6	8°48	1° 2	n.a.	T 2
F 3	10 31 42	9°55'46	13°37	16°31	7°58	29° 5	7°27	8°10	21° 3	28°23	1°13	10° 1	8°45	1° 9	n.a.	F 3
S 4	10 35 39	10°54'53	26°52	18°33	9°11	29°51	7°31	8°17	21° 6	28°22	1°12	9°55	8°41	1°16	n.a.	S 4
S 5	10 39 35	11°53'58	10♓29	20°35	10°24	0♓38	7°36	8°23	21°10	28°21	1°10	9°46	8°38	1°22	n.a.	S 5
M 6	10 43 32	12°53'01	24°24	22°37	11°37	1°24	7°40	8°30	21°13	28°20	1° 8	9°35	8°35	1°29	n.a.	M 6
T 7	10 47 28	13°52'02	8♈32	24°37	12°50	2°11	7°44	8°36	21°16	28°19	1° 7	9°25	8°32	1°36	n.a.	T 7
W 8	10 51 25	14°51'00	22°50	26°35	14° 3	2°57	7°48	8°43	21°19	28°18	1° 5	9°15	8°29	1°42	n.a.	W 8
T 9	10 55 21	15°49'56	7♉12	28°32	15°15	3°43	7°51	8°49	21°22	28°17	1° 4	9° 8	8°26	1°49	n.a.	T 9
F 10	10 59 18	16°48'50	21°31	0♈26	16°28	4°29	7°55	8°55	21°26	28°16	1° 2	9° 3	8°22	1°56	n.a.	F 10
S 11	11 3 14	17°47'42	5♊46	2°18	17°41	5°16	7°58	9° 2	21°29	28°15	1° 1	9° 1	8°19	2° 2	n.a.	S 11
S 12	11 7 11	18°46'31	19°54	4° 6	18°53	6° 2	8° 1	9° 8	21°32	28°14	0°59	9°D 0	8°16	2° 9	n.a.	S 12
M13	11 11 8	19°45'18	3♋53	5°51	20° 6	6°48	8° 4	9°14	21°35	28°13	0°58	9°R 1	8°13	2°16	n.a.	M13
T 14	11 15 4	20°44'02	17°44	7°33	21°18	7°34	8° 7	9°20	21°38	28°12	0°56	9° 0	8°10	2°23	n.a.	T 14
W15	11 19 1	21°42'44	1♌27	9°10	22°31	8°20	8°10	9°26	21°41	28°10	0°54	8°59	8° 6	2°29	n.a.	W15
T 16	11 22 57	22°41'24	15° 0	10°43	23°43	9° 6	8°12	9°32	21°44	28° 9	0°53	8°54	8° 3	2°36	n.a.	T 16
F 17	11 26 54	23°40'02	28°24	12°12	24°55	9°52	8°15	9°38	21°47	28° 8	0°51	8°47	8° 0	2°43	n.a.	F 17
S 18	11 30 50	24°38'37	11♍36	13°36	26° 7	10°38	8°17	9°44	21°50	28° 7	0°50	8°37	7°57	2°49	n.a.	S 18
S 19	11 34 47	25°37'10	24°36	14°55	27°19	11°24	8°19	9°50	21°53	28° 5	0°49	8°25	7°54	2°56	n.a.	S 19
M20	11 38 43	26°35'41	7♎22	16° 9	28°31	12° 9	8°20	9°56	21°56	28° 4	0°47	8°13	7°51	3° 3	n.a.	M20
T 21	11 42 40	27°34'11	19°54	17°18	29°43	12°55	8°22	10° 2	21°59	28° 3	0°46	8° 0	7°47	3° 9	n.a.	T 21
W22	11 46 37	28°32'38	2♏13	18°21	0♉55	13°41	8°23	10° 7	22° 2	28° 1	0°44	7°48	7°44	3°16	n.a.	W22
T 23	11 50 33	29°31'03	14°19	19°19	2° 7	14°26	8°25	10°13	22° 5	28° 0	0°43	7°39	7°41	3°23	n.a.	T 23
F 24	11 54 30	0♈29'27	26°16	20°12	3°19	15°12	8°26	10°19	22° 8	27°59	0°41	7°32	7°38	3°29	n.a.	F 24
S 25	11 58 26	1°27'49	8♐ 6	20°59	4°30	15°58	8°26	10°24	22°11	27°57	0°40	7°28	7°35	3°36	n.a.	S 25
S 26	12 2 23	2°26'10	19°55	21°40	5°42	16°43	8°27	10°30	22°14	27°56	0°39	7°26	7°32	3°43	n.a.	S 26
M27	12 6 19	3°24'29	1♑47	22°16	6°54	17°29	8°27	10°35	22°17	27°54	0°37	7°26	7°28	3°49	n.a.	M27
T 28	12 10 16	4°22'46	13°48	22°45	8° 5	18°14	8°28	10°40	22°19	27°53	0°36	7°26	7°25	3°56	n.a.	T 28
W29	12 14 12	5°21'01	26° 4	23° 9	9°16	19° 0	8°R28	10°46	22°22	27°51	0°35	7°25	7°22	4° 3	n.a.	W29
T 30	12 18 9	6°19'15	8♒38	23°28	10°28	19°45	8°28	10°51	22°25	27°50	0°34	7°23	7°19	4° 9	n.a.	T 30
F 31	12 22 6	7♈17'28	21♒37	23♈40	11♉39	20♓30	8♐27	10♒56	22♒27	27♎49	0♍32	7♋18	7♋16	4♐16	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	8s40	23s 9	0s43	7s44	0s50	1n52	0s23	13s27	1s 3	21s11	0n35	19s34	1s 8	15s21	0s43	9s11	1n59	26n31	16n35	23n18	23n24	17s28			n.a.
T 2	8 18	21 58	1 48	6 48	0 40	2 24	0 20	13 11	1 3	21 12	0 35	19 33	1 8	15 20	0 43	9 10	1 59	26 32	16 35	23 18	23 24	17 30			n.a.
F 3	7 56	19 36	2 49	5 51	0 30	2 55	0 18	12 54	1 3	21 13	0 35	19 31	1 9	15 19	0 43	9 10	1 59	26 32	16 35	23 19	23 24	17 32			n.a.
S 4	7 33	16 10	3 43	4 53	0 20	3 27	0 15	12 37	1 3	21 14	0 35	19 30	1 9	15 18	0 43	9 10	1 59	26 33	16 35	23 19	23 24	17 34			n.a.
S 5	7 10	11 48	4 25	3 55	0 9	3 59	0 12	12 21	1 3	21 14	0 35	19 28	1 9	15 17	0 43	9 9	1 59	26 33	16 35	23 20	23 25	17 36			n.a.
M 6	6 48	6 43	4 53	2 56	0n 2	4 30	0 9	12 4	1 2	21 15	0 35	19 26	1 9	15 16	0 43	9 9	1 59	26 34	16 35	23 21	23 25	17 38			n.a.
T 7	6 25	1 13	5 3	1 58	0 13	5 1	0 6	11 47	1 2	21 16	0 35	19 25	1 9	15 15	0 43	9 8	1 59	26 35	16 35	23 21	23 25	17 40			n.a.
W 8	6 2	4n25	4 55	1 0	0 25	5 33	0 3	11 30	1 2	21 16	0 35	19 23	1 9	15 14	0 43	9 8	1 59	26 35	16 35	23 22	23 25	17 42			n.a.
T 9	5 39	9 50	4 28	0 2	0 37	6 4	0 1	11 13	1 2	21 17	0 35	19 22	1 9	15 12	0 43	9 7	1 59	26 36	16 35	23 23	23 25	17 44			n.a.
F 10	5 16	14 44	3 44	0n55	0 48	6 35	0n 2	10 55	1 2	21 17	0 35	19 20	1 9	15 11	0 43	9 7	1 59	26 36	16 35	23 23	23 26	17 46			n.a.
S 11	4 52	18 46	2 47	1 50	1 0	7 6	0 5	10 38	1 1	21 18	0 35	19 19	1 10	15 10	0 43	9 7	1 59	26 37	16 35	23 23	23 26	17 48			n.a.
S 12	4 29	21 39	1 40	2 45	1 12	7 36	0 8	10 21	1 1	21 19	0 35	19 17	1 10	15 9	0 43	9 6	1 59	26 37	16 34	23 23	23 26	17 50			n.a.
M13	4 6	23 11	0 27	3 37	1 23	8 7	0 11	10 3	1 1	21 19	0 35	19 15	1 10	15 8	0 43	9 6	1 59	26 38	16 34	23 23	23 26	17 52			n.a.
T 14	3 43	23 16	0n46	4 28	1 35	8 37	0 14	9 46	1 1	21 19	0 35	19 14	1 10	15 7	0 43	9 5	1 59	26 38	16 34	23 23	23 26	17 54			n.a.
W15	3 19	21 56	1 56	5 17	1 46	9 7	0 17	9 28	1 0	21 20	0 35	19 12	1 10	15 6	0 43	9 5	1 59	26 38	16 34	23 23	23 27	17 56			n.a.
T 16	2 56	19 21	2 58	6 4	1 56	9 37	0 21	9 10	1 0	21 20	0 35	19 11	1 10	15 5	0 43	9 4	2 0	26 39	16 34	23 24	23 27	17 58			n.a.
F 17	2 32	15 45	3 50	6 48	2 6	10 7	0 24	8 53	1 0	21 21	0 35	19 9	1 10	15 4	0 43	9 4	2 0	26 39	16 34	23 24	23 27	18 0			n.a.
S 18	2 9	11 25	4 28	7 30	2 15	10 36	0 27	8 35	1 0	21 21	0 35	19 8	1 11	15 3	0 43	9 3	2 0	26 40	16 34	23 25	23 27	18 2			n.a.
S 19	1 46	6 38	4 52	8 9	2 24	11 5	0 30	8 17	0 59	21 21	0 35	19 7	1 11	15 3	0 43	9 3	2 0	26 40	16 33	23 25	23 27	18 4			n.a.
M20	1 22	1 38	5 1	8 45	2 32	11 34	0 33	7 59	0 59	21 22	0 35	19 5	1 11	15 2	0 43	9 2	2 0	26 40	16 33	23 26	23 28	18 6			n.a.
T 21	0 59	3s20	4 54	9 19	2 39	12 3	0 36	7 41	0 59	21 22	0 35	19 4	1 11	15 1	0 43	9 2	2 0	26 41	16 33	23 27	23 28	18 8			n.a.
W22	0 35	8 5	4 34	9 49	2 46	12 31	0 39	7 23	0 58	21 22	0 35	19 2	1 11	15 0	0 43	9 1	2 0	26 41	16 33	23 28	23 28	18 10			n.a.
T 23	0 12	12 27	4 2	10 16	2 51	13 0	0 42	7 5	0 58	21 22	0 35	19 1	1 11	14 59	0 43	9 1	2 0	26 42	16 33	23 28	23 28	18 12			n.a.
F 24	0n12	16 17	3 20	10 41	2 56	13 27	0 45	6 47	0 58	21 23	0 35	19 0	1 11	14 58	0 43	9 0	2 0	26 42	16 32	23 29	23 28	18 14			n.a.
S 25	0 35	19 27	2 29	11 2	2 59	13 55	0 48	6 29	0 58	21 23	0 35	18 58	1 12	14 57	0 43	9 0	2 0	26 42	16 32	23 29	23 29	18 16			n.a.
S 26	0 59	21 47	1 31	11 20	3 2	14 22	0 51	6 10	0 57	21 23	0 35	18 57	1 12	14 56	0 43	8 59	2 0	26 42	16 32	23 29	23 29	18 18			n.a.
M27	1 22	23 11	0 30	11 35	3 3	14 49	0 54	5 52	0 57	21 23	0 35	18 55	1 12	14 55	0 43	8 59	2 0	26 43	16 32	23 29	23 29	18 20			n.a.
T 28	1 46	23 32	0s34	11 46	3 3	15 15	0 57	5 34	0 57	21 23	0 35	18 54	1 12	14 54	0 43	8 58	2 0	26 43	16 31	23 29	23 29	18 22			n.a.
W29	2 9	22 45	1 37	11 54	3 2	15 41	1 0	5 16	0 56	21 23	0 35	18 53	1 12	14 53	0 44	8 58	2 0	26 43	16 31	23 29	23 29	18 24			n.a.
T 30	2 32	20 49	2 37	11 59	3 0	16 7	1 3	4 57	0 56	21 23	0 35	18 52	1 12	14 52	0 44	8 57	2 0	26 43	16 31	23 29	23 29	18 26			n.a.
F 31	2n55	17s46	3s31	12n 1	2n56	16n32	1n 6	4s39	0s55	21s23	0n35	18s50	1s13	14s52	0s44	8s56	2n 0	26n44	16n31	23n30	23n30	18s28			n.a.

Julian Day Number = 1717829.5, Delta T = 02h57m28s
Ecliptic obliquity = 23°41'45, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°11'51, Lahiri = - 4°04'51 Julian Calendar 1 March 10 BCE == Greg. Calendar 27 Feb. 010 BCE

The year -09 astronomical counting style corresponds to year 010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 10 BCE
geocentric

APRIL 10 BCE (-9) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 26 2	8♈15'38	5♓ 1	23♈47	12♉50	21♓16	8°R27	11♒ 1	22♒30	27°R47	0°R31	7°R10	7♋12	4♐23	n.a.	S 1
S 2	12 29 59	9°13'47	18°51	23°R49	14° 1	22° 1	8♐26	11° 6	22°33	27♎46	0♍30	7♋ 0	7° 9	4°29	n.a.	S 2
M 3	12 33 55	10°11'55	3♈ 5	23°45	15°12	22°46	8°25	11°11	22°35	27°44	0°29	6°49	7° 6	4°36	n.a.	M 3
T 4	12 37 52	11°10'00	17°37	23°36	16°23	23°31	8°24	11°16	22°38	27°42	0°28	6°37	7° 3	4°43	n.a.	T 4
W 5	12 41 48	12° 8'04	2♉20	23°23	17°34	24°16	8°23	11°21	22°40	27°41	0°26	6°26	7° 0	4°49	n.a.	W 5
T 6	12 45 45	13° 6'06	17° 7	23° 5	18°45	25° 1	8°21	11°25	22°43	27°39	0°25	6°18	6°57	4°56	n.a.	T 6
F 7	12 49 41	14° 4'06	1♊48	22°42	19°56	25°46	8°20	11°30	22°45	27°38	0°24	6°12	6°53	5° 3	n.a.	F 7
S 8	12 53 38	15° 2'04	16°20	22°16	21° 6	26°31	8°18	11°34	22°48	27°36	0°23	6° 9	6°50	5° 9	n.a.	S 8
S 9	12 57 34	16° 0'01	0♋37	21°47	22°17	27°16	8°16	11°39	22°50	27°35	0°22	6° 8	6°47	5°16	n.a.	S 9
M10	13 1 31	16°57'55	14°38	21°15	23°27	28° 1	8°14	11°43	22°52	27°33	0°21	6° 8	6°44	5°23	n.a.	M10
T 11	13 5 28	17°55'48	28°23	20°41	24°38	28°46	8°11	11°48	22°55	27°31	0°20	6° 8	6°41	5°29	n.a.	T 11
W12	13 9 24	18°53'38	11♌53	20° 6	25°48	29°30	8° 9	11°52	22°57	27°30	0°19	6° 6	6°38	5°36	n.a.	W12
T 13	13 13 21	19°51'27	25° 9	19°29	26°58	0♈15	8° 6	11°56	22°59	27°28	0°18	6° 2	6°34	5°43	n.a.	T 13
F 14	13 17 17	20°49'14	8♍13	18°53	28° 8	0°59	8° 3	12° 0	23° 1	27°27	0°17	5°55	6°31	5°49	n.a.	F 14
S 15	13 21 14	21°46'59	21° 4	18°17	29°18	1°44	8° 0	12° 4	23° 4	27°25	0°16	5°46	6°28	5°56	n.a.	S 15
S 16	13 25 10	22°44'42	3♎44	17°42	0♊28	2°28	7°57	12° 8	23° 6	27°23	0°16	5°34	6°25	6° 3	n.a.	S 16
M17	13 29 7	23°42'24	16°13	17° 9	1°38	3°13	7°53	12°12	23° 8	27°22	0°15	5°22	6°22	6° 9	n.a.	M17
T 18	13 33 3	24°40'04	28°32	16°38	2°47	3°57	7°50	12°16	23°10	27°20	0°14	5°10	6°18	6°16	n.a.	T 18
W19	13 37 0	25°37'43	10♏40	16°10	3°57	4°42	7°46	12°20	23°12	27°19	0°13	4°59	6°15	6°23	n.a.	W19
T 20	13 40 57	26°35'21	22°40	15°44	5° 6	5°26	7°42	12°23	23°14	27°17	0°12	4°49	6°12	6°29	n.a.	T 20
F 21	13 44 53	27°32'58	4♐32	15°23	6°16	6°10	7°38	12°27	23°16	27°15	0°12	4°43	6° 9	6°36	n.a.	F 21
S 22	13 48 50	28°30'33	16°21	15° 5	7°25	6°54	7°34	12°30	23°18	27°14	0°11	4°39	6° 6	6°43	n.a.	S 22
S 23	13 52 46	29°28'07	28° 9	14°51	8°34	7°38	7°29	12°34	23°19	27°12	0°10	4°37	6° 3	6°49	n.a.	S 23
M24	13 56 43	0♉25'40	10♑ 0	14°42	9°43	8°23	7°25	12°37	23°21	27°10	0°10	4°D37	5°59	6°56	n.a.	M24
T 25	14 0 39	1°23'12	22° 1	14°37	10°52	9° 7	7°20	12°40	23°23	27° 9	0° 9	4°38	5°56	7° 3	n.a.	T 25
W26	14 4 36	2°20'44	4♒15	14°D36	12° 1	9°50	7°15	12°43	23°25	27° 7	0° 9	4°R38	5°53	7° 9	n.a.	W26
T 27	14 8 32	3°18'14	16°48	14°40	13° 9	10°34	7°10	12°46	23°26	27° 6	0° 8	4°37	5°50	7°16	n.a.	T 27
F 28	14 12 29	4°15'43	29°45	14°48	14°18	11°18	7° 5	12°49	23°28	27° 4	0° 7	4°34	5°47	7°23	n.a.	F 28
S 29	14 16 26	5°13'11	13♓10	15° 1	15°26	12° 2	6°59	12°52	23°30	27° 2	0° 7	4°29	5°43	7°29	n.a.	S 29
S 30	14 20 22	6♉10'39	27♓ 2	15♈18	16♊34	12♈46	6♐54	12♒55	23♒31	27♎ 1	0♍ 7	4♋22	5♋40	7♐36	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n19	13s43	4s15	11n59	2n52	16n57	1n 9	4s21	0s55	21s23	0n34	18s49	1s13	14s51	0s44	8s56	2n 0	26n44	16n30	23n30	23n30	18s30		n.a.
S 2	3 42	8 50	4 46	11 54	2 46	17 22	1 12	4 2	0 55	21 23	0 34	18 48	1 13	14 50	0 44	8 55	2 0	26 44	16 30	23 31	23 30	18 32		n.a.
M 3	4 5	3 20	5 0	11 46	2 38	17 46	1 15	3 44	0 54	21 23	0 34	18 47	1 13	14 49	0 44	8 55	2 0	26 44	16 30	23 31	23 30	18 34		n.a.
T 4	4 28	2n27	4 55	11 35	2 30	18 10	1 18	3 26	0 54	21 23	0 34	18 45	1 13	14 48	0 44	8 54	2 0	26 44	16 30	23 32	23 30	18 36		n.a.
W 5	4 51	8 11	4 31	11 20	2 20	18 33	1 21	3 7	0 54	21 22	0 34	18 44	1 13	14 48	0 44	8 54	2 0	26 45	16 29	23 32	23 31	18 38		n.a.
T 6	5 14	13 28	3 48	11 3	2 9	18 56	1 24	2 49	0 53	21 22	0 34	18 43	1 14	14 47	0 44	8 53	2 0	26 45	16 29	23 33	23 31	18 40		n.a.
F 7	5 36	17 57	2 51	10 44	1 57	19 18	1 27	2 30	0 53	21 22	0 34	18 42	1 14	14 46	0 44	8 52	2 0	26 45	16 29	23 33	23 31	18 42		n.a.
S 8	5 59	21 17	1 43	10 22	1 44	19 40	1 29	2 12	0 52	21 22	0 34	18 41	1 14	14 45	0 44	8 52	2 0	26 45	16 28	23 33	23 31	18 43		n.a.
S 9	6 22	23 12	0 29	9 57	1 29	20 1	1 32	1 54	0 52	21 21	0 34	18 40	1 14	14 44	0 44	8 51	2 0	26 45	16 28	23 33	23 31	18 45		n.a.
M10	6 44	23 38	0n45	9 31	1 14	20 22	1 35	1 35	0 52	21 21	0 34	18 39	1 14	14 44	0 44	8 51	2 0	26 45	16 28	23 33	23 31	18 47		n.a.
T 11	7 6	22 35	1 55	9 4	0 59	20 42	1 37	1 17	0 51	21 21	0 34	18 38	1 15	14 43	0 44	8 50	2 0	26 45	16 27	23 33	23 32	18 49		n.a.
W12	7 29	20 15	2 57	8 35	0 42	21 2	1 40	0 59	0 51	21 20	0 34	18 37	1 15	14 42	0 44	8 50	2 0	26 45	16 27	23 33	23 32	18 51		n.a.
T 13	7 51	16 52	3 49	8 6	0 25	21 21	1 42	0 40	0 50	21 20	0 34	18 36	1 15	14 41	0 44	8 49	2 0	26 45	16 27	23 33	23 32	18 53		n.a.
F 14	8 13	12 42	4 27	7 36	0 8	21 40	1 45	0 22	0 50	21 20	0 34	18 35	1 15	14 41	0 44	8 48	2 0	26 45	16 26	23 34	23 32	18 55		n.a.
S 15	8 35	8 2	4 52	7 6	0s 9	21 58	1 47	0 4	0 50	21 19	0 34	18 34	1 15	14 40	0 44	8 48	2 0	26 45	16 26	23 34	23 32	18 57		n.a.
S 16	8 56	3 6	5 1	6 37	0 26	22 15	1 50	0n15	0 49	21 19	0 34	18 33	1 15	14 39	0 44	8 47	2 0	26 45	16 25	23 35	23 32	18 59		n.a.
M17	9 18	1s54	4 56	6 9	0 43	22 32	1 52	0 33	0 49	21 18	0 34	18 32	1 16	14 39	0 44	8 47	2 0	26 45	16 25	23 35	23 32	19 1		n.a.
T 18	9 39	6 45	4 37	5 42	0 59	22 49	1 54	0 51	0 48	21 18	0 34	18 31	1 16	14 38	0 44	8 46	2 0	26 45	16 25	23 36	23 33	19 3		n.a.
W19	10 1	11 18	4 6	5 16	1 15	23 4	1 57	1 9	0 48	21 17	0 34	18 30	1 16	14 37	0 44	8 45	2 0	26 45	16 24	23 36	23 33	19 4		n.a.
T 20	10 22	15 21	3 24	4 52	1 31	23 20	1 59	1 27	0 47	21 16	0 34	18 29	1 16	14 37	0 44	8 45	2 0	26 45	16 24	23 36	23 33	19 6		n.a.
F 21	10 43	18 46	2 33	4 30	1 45	23 34	2 1	1 46	0 47	21 16	0 34	18 28	1 16	14 36	0 44	8 44	2 0	26 45	16 23	23 37	23 33	19 8		n.a.
S 22	11 4	21 24	1 36	4 10	1 59	23 48	2 3	2 4	0 46	21 15	0 34	18 28	1 17	14 36	0 44	8 44	2 0	26 45	16 23	23 37	23 33	19 10		n.a.
S 23	11 24	23 6	0 35	3 53	2 12	24 1	2 5	2 22	0 46	21 14	0 34	18 27	1 17	14 35	0 44	8 43	2 0	26 45	16 23	23 37	23 33	19 12		n.a.
M24	11 45	23 48	0s29	3 38	2 24	24 14	2 7	2 40	0 45	21 14	0 34	18 26	1 17	14 35	0 44	8 43	2 0	26 44	16 22	23 37	23 34	19 14		n.a.
T 25	12 5	23 23	1 32	3 26	2 35	24 26	2 9	2 58	0 45	21 13	0 33	18 25	1 17	14 34	0 44	8 42	2 0	26 44	16 22	23 37	23 34	19 16		n.a.
W26	12 25	21 51	2 32	3 16	2 45	24 37	2 10	3 16	0 44	21 12	0 33	18 25	1 17	14 33	0 44	8 41	2 0	26 44	16 21	23 37	23 34	19 18		n.a.
T 27	12 45	19 14	3 26	3 10	2 54	24 48	2 12	3 33	0 44	21 12	0 33	18 24	1 18	14 33	0 44	8 41	2 0	26 44	16 21	23 37	23 34	19 19		n.a.
F 28	13 5	15 35	4 11	3 6	3 2	24 58	2 13	3 51	0 43	21 11	0 33	18 23	1 18	14 32	0 44	8 40	2 0	26 44	16 21	23 37	23 34	19 21		n.a.
S 29	13 24	11 3	4 45	3 4	3 9	25 8	2 15	4 9	0 43	21 10	0 33	18 23	1 18	14 32	0 44	8 40	2 0	26 43	16 20	23 37	23 34	19 23		n.a.
S 30	13n43	5s49	5s 3	3n 5	3s15	25n16	2n16	4n27	0s42	21s 9	0n33	18s22	1s18	14s31	0s45	8s39	2n 0	26n43	16n20	23n37	23n34	19s25		n.a.

Julian Day Number = 1717860.5, Delta T = 02h57m28s
Ecliptic obliquity = 23°41'45, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°11'47, Lahiri = - 4°04'47 Julian Calendar 1 Apr. 10 BCE == Greg. Calendar 30 March 010 BCE

The year -09 astronomical counting style corresponds to year 010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 10 BCE
geocentric

MAY 10 BCE (-9) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 24 19	7♉ 8'05	11♈23	15♈40	17♊43	13♈29	6°R48	12♒57	23♒33	26°R59	0°R 6	4°R14	5♋37	7♐43	n.a.	M 1
T 2	14 28 15	8° 5'31	26° 6	16° 6	18°51	14°13	6♐42	13° 0	23°34	26♎58	0♍ 6	4♋ 5	5°34	7°49	n.a.	T 2
W 3	14 32 12	9° 2'55	11♉ 5	16°36	19°59	14°57	6°37	13° 2	23°36	26°56	0° 5	3°57	5°31	7°56	n.a.	W 3
T 4	14 36 8	10° 0'19	26°10	17°11	21° 6	15°40	6°31	13° 5	23°37	26°54	0° 5	3°51	5°28	8° 2	n.a.	T 4
F 5	14 40 5	10°57'42	11♊12	17°49	22°14	16°24	6°24	13° 7	23°38	26°53	0° 5	3°47	5°24	8° 9	n.a.	F 5
S 6	14 44 1	11°55'04	26° 3	18°32	23°22	17° 7	6°18	13° 9	23°40	26°51	0° 4	3°45	5°21	8°16	n.a.	S 6
S 7	14 47 58	12°52'24	10♋36	19°18	24°29	17°50	6°12	13°11	23°41	26°50	0° 4	3°D45	5°18	8°22	n.a.	S 7
M 8	14 51 55	13°49'43	24°48	20° 8	25°36	18°34	6° 5	13°13	23°42	26°48	0° 4	3°46	5°15	8°29	n.a.	M 8
T 9	14 55 51	14°47'02	8♌37	21° 1	26°43	19°17	5°59	13°15	23°43	26°47	0° 4	3°R47	5°12	8°36	n.a.	T 9
W10	14 59 48	15°44'19	22° 6	21°58	27°50	20° 0	5°52	13°17	23°44	26°45	0° 4	3°47	5° 9	8°42	n.a.	W10
T 11	15 3 44	16°41'34	5♍15	22°59	28°57	20°43	5°45	13°19	23°45	26°44	0° 4	3°45	5° 5	8°49	n.a.	T 11
F 12	15 7 41	17°38'49	18° 7	24° 3	0♋ 3	21°26	5°38	13°20	23°46	26°42	0° 4	3°42	5° 2	8°56	n.a.	F 12
S 13	15 11 37	18°36'03	0♎45	25°10	1°10	22° 9	5°31	13°22	23°47	26°41	0° 4	3°36	4°59	9° 2	n.a.	S 13
S 14	15 15 34	19°33'16	13°10	26°21	2°16	22°52	5°24	13°23	23°48	26°39	0°D 4	3°29	4°56	9° 9	n.a.	S 14
M15	15 19 30	20°30'28	25°25	27°35	3°22	23°35	5°17	13°24	23°49	26°38	0° 4	3°21	4°53	9°16	n.a.	M15
T 16	15 23 27	21°27'39	7♏30	28°52	4°28	24°18	5°10	13°26	23°50	26°36	0° 4	3°14	4°49	9°22	n.a.	T 16
W17	15 27 24	22°24'50	19°29	0♑12	5°33	25° 1	5° 3	13°27	23°50	26°35	0° 4	3° 7	4°46	9°29	n.a.	W17
T 18	15 31 20	23°22'00	1♐22	1°36	6°39	25°43	4°56	13°28	23°51	26°33	0° 4	3° 2	4°43	9°36	n.a.	T 18
F 19	15 35 17	24°19'10	13°11	3° 2	7°44	26°26	4°48	13°29	23°52	26°32	0° 4	2°58	4°40	9°42	n.a.	F 19
S 20	15 39 13	25°16'19	24°59	4°32	8°49	27° 8	4°41	13°30	23°52	26°31	0° 4	2°56	4°37	9°49	n.a.	S 20
S 21	15 43 10	26°13'28	6♑48	6° 4	9°54	27°51	4°33	13°30	23°53	26°29	0° 4	2°D56	4°34	9°56	n.a.	S 21
M22	15 47 6	27°10'37	18°42	7°40	10°59	28°33	4°26	13°31	23°54	26°28	0° 5	2°57	4°30	10° 2	n.a.	M22
T 23	15 51 3	28° 7'45	0♒44	9°18	12° 3	29°16	4°18	13°31	23°54	26°27	0° 5	2°58	4°27	10° 9	n.a.	T 23
W24	15 55 0	29° 4'54	12°59	11° 0	13° 8	29°58	4°11	13°32	23°54	26°25	0° 5	3° 0	4°24	10°16	n.a.	W24
T 25	15 58 56	0♊ 2'02	25°32	12°44	14°12	0♉41	4° 3	13°32	23°55	26°24	0° 6	3°R 1	4°21	10°22	n.a.	T 25
F 26	16 2 53	0°59'10	8♓26	14°31	15°15	1°23	3°55	13°32	23°55	26°23	0° 6	3° 1	4°18	10°29	n.a.	F 26
S 27	16 6 49	1°56'19	21°46	16°21	16°19	2° 5	3°48	13°33	23°55	26°22	0° 6	2°59	4°15	10°36	n.a.	S 27
S 28	16 10 46	2°53'27	5♈33	18°14	17°22	2°47	3°40	13°R33	23°56	26°20	0° 7	2°56	4°11	10°42	n.a.	S 28
M29	16 14 42	3°50'35	19°48	20° 9	18°25	3°29	3°32	13°33	23°56	26°19	0° 7	2°53	4° 8	10°49	n.a.	M29
T 30	16 18 39	4°47'43	4♉28	22° 7	19°28	4°11	3°25	13°32	23°56	26°18	0° 8	2°49	4° 5	10°56	n.a.	T 30
W31	16 22 35	5♊44'52	19♉28	24♉ 6	20♋30	4♉53	3♐17	13♒32	23♒56	26♎17	0♍ 8	2♋45	4♋ 2	11♐ 2	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n 2	0s 6	5s 3	3n 9	3s20	25n24	2n18	4n44	0s42	21s 8	0n33	18s21	1s18	14s31	0s45	8s38	2n 0	26n43	16n19	23n38	23n35	19s27		n.a.
T 2	14 21	5n47	4 43	3 16	3 24	25 32	2 19	5 2	0 41	21 7	0 33	18 21	1 19	14 31	0 45	8 38	2 0	26 43	16 19	23 38	23 35	19 29		n.a.
W 3	14 40	11 27	4 4	3 24	3 27	25 38	2 20	5 19	0 41	21 6	0 33	18 20	1 19	14 30	0 45	8 37	2 0	26 42	16 18	23 38	23 35	19 31		n.a.
T 4	14 58	16 28	3 8	3 36	3 30	25 45	2 21	5 37	0 40	21 5	0 33	18 20	1 19	14 30	0 45	8 37	2 0	26 42	16 18	23 38	23 35	19 32		n.a.
F 5	15 17	20 25	1 58	3 49	3 31	25 50	2 22	5 54	0 40	21 4	0 33	18 19	1 19	14 29	0 45	8 36	2 0	26 42	16 17	23 38	23 35	19 34		n.a.
S 6	15 34	22 57	0 41	4 5	3 31	25 54	2 23	6 11	0 39	21 3	0 33	18 19	1 19	14 29	0 45	8 36	2 0	26 42	16 17	23 39	23 35	19 36		n.a.
S 7	15 52	23 53	0n37	4 23	3 31	25 58	2 24	6 29	0 39	21 2	0 33	18 19	1 20	14 28	0 45	8 35	2 0	26 41	16 17	23 39	23 35	19 38		n.a.
M 8	16 10	23 13	1 51	4 43	3 29	26 2	2 25	6 46	0 38	21 1	0 32	18 18	1 20	14 28	0 45	8 35	2 0	26 41	16 16	23 38	23 35	19 40		n.a.
T 9	16 27	21 8	2 57	5 6	3 27	26 4	2 25	7 3	0 38	21 0	0 32	18 18	1 20	14 28	0 45	8 34	2 0	26 40	16 16	23 38	23 36	19 42		n.a.
W10	16 44	17 55	3 51	5 30	3 24	26 6	2 26	7 20	0 37	20 59	0 32	18 18	1 20	14 27	0 45	8 34	2 0	26 40	16 15	23 38	23 36	19 43		n.a.
T 11	17 0	13 53	4 31	5 56	3 21	26 7	2 26	7 37	0 37	20 58	0 32	18 17	1 21	14 27	0 45	8 33	2 0	26 40	16 15	23 39	23 36	19 45		n.a.
F 12	17 17	9 18	4 57	6 23	3 16	26 8	2 26	7 53	0 36	20 57	0 32	18 17	1 21	14 27	0 45	8 33	2 0	26 39	16 14	23 39	23 36	19 47		n.a.
S 13	17 33	4 24	5 8	6 53	3 11	26 8	2 26	8 10	0 36	20 56	0 32	18 17	1 21	14 27	0 45	8 32	2 0	26 39	16 14	23 39	23 36	19 49		n.a.
S 14	17 49	0s35	5 4	7 24	3 6	26 7	2 26	8 27	0 35	20 55	0 32	18 17	1 21	14 26	0 45	8 31	2 0	26 38	16 13	23 39	23 36	19 51		n.a.
M15	18 4	5 29	4 46	7 56	2 59	26 5	2 26	8 43	0 34	20 54	0 32	18 16	1 21	14 26	0 45	8 31	2 0	26 38	16 13	23 39	23 36	19 52		n.a.
T 16	18 19	10 8	4 16	8 30	2 52	26 3	2 26	9 0	0 34	20 52	0 32	18 16	1 22	14 26	0 45	8 30	2 0	26 38	16 12	23 39	23 36	19 54		n.a.
W17	18 34	14 21	3 34	9 6	2 45	26 0	2 26	9 16	0 33	20 51	0 31	18 16	1 22	14 26	0 45	8 30	2 0	26 37	16 12	23 40	23 37	19 56		n.a.
T 18	18 49	18 0	2 43	9 42	2 37	25 57	2 25	9 32	0 33	20 50	0 31	18 16	1 22	14 25	0 45	8 30	2 0	26 37	16 11	23 40	23 37	19 58		n.a.
F 19	19 3	20 53	1 45	10 20	2 28	25 53	2 25	9 48	0 32	20 49	0 31	18 16	1 22	14 25	0 45	8 29	2 0	26 36	16 11	23 40	23 37	20 0		n.a.
S 20	19 17	22 53	0 43	10 59	2 19	25 48	2 24	10 4	0 32	20 48	0 31	18 16	1 22	14 25	0 45	8 29	2 0	26 36	16 11	23 40	23 37	20 1		n.a.
S 21	19 31	23 52	0s21	11 39	2 10	25 42	2 23	10 20	0 31	20 46	0 31	18 16	1 23	14 25	0 45	8 28	2 0	26 35	16 10	23 40	23 37	20 3		n.a.
M22	19 44	23 47	1 25	12 19	2 0	25 36	2 22	10 36	0 30	20 45	0 31	18 16	1 23	14 25	0 45	8 28	2 0	26 35	16 10	23 40	23 37	20 5		n.a.
T 23	19 57	22 35	2 26	13 1	1 50	25 29	2 21	10 52	0 30	20 44	0 31	18 16	1 23	14 25	0 45	8 27	2 0	26 34	16 9	23 40	23 37	20 7		n.a.
W24	20 10	20 19	3 22	13 43	1 39	25 22	2 20	11 8	0 29	20 42	0 31	18 16	1 23	14 25	0 45	8 27	2 0	26 33	16 9	23 40	23 37	20 8		n.a.
T 25	20 22	17 3	4 9	14 25	1 29	25 14	2 19	11 23	0 29	20 41	0 30	18 16	1 24	14 24	0 46	8 26	2 0	26 33	16 8	23 40	23 37	20 10		n.a.
F 26	20 35	12 53	4 45	15 8	1 17	25 5	2 18	11 39	0 28	20 40	0 30	18 16	1 24	14 24	0 46	8 26	1 59	26 32	16 8	23 40	23 38	20 12		n.a.
S 27	20 46	8 0	5 7	15 51	1 6	24 56	2 16	11 54	0 27	20 39	0 30	18 17	1 24	14 24	0 46	8 25	1 59	26 32	16 7	23 40	23 38	20 14		n.a.
S 28	20 58	2 33	5 13	16 34	0 55	24 46	2 14	12 9	0 27	20 37	0 30	18 17	1 24	14 24	0 46	8 25	1 59	26 31	16 7	23 40	23 38	20 15		n.a.
M29	21 9	3n12	5 0	17 17	0 43	24 36	2 12	12 24	0 26	20 36	0 30	18 17	1 24	14 24	0 46	8 25	1 59	26 31	16 6	23 40	23 38	20 17		n.a.
T 30	21 19	8 57	4 27	17 59	0 32	24 25	2 10	12 39	0 26	20 35	0 30	18 17	1 25	14 24	0 46	8 24	1 59	26 30	16 6	23 40	23 38	20 19		n.a.
W31	21n30	14n20	3s36	18n40	0s20	24n14	2n 8	12n54	0s25	20s33	0n30	18s17	1s25	14s24	0s46	8s24	1n59	26n29	16n 5	23n40	23n38	20s21		n.a.

Julian Day Number = 1717890.5, Delta T = 02h57m27s
Ecliptic obliquity = 23°41'45, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°11'43, Lahiri = - 4°04'43 Julian Calendar 1 May 10 BCE == Greg. Calendar 29 Apr. 010 BCE

The year -09 astronomical counting style corresponds to year 010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 10 BCE
geocentric

JUNE 10 BCE (-9) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 26 32	6♊42'00	4♊38	26♉ 9	21♋33	5♉35	3°R 9	13°R32	23°R56	26°R16	0♍ 9	2°R43	3♋59	11♐ 9	n.a.	T 1
F 2	16 30 29	7°39'09	19°50	28°13	22°35	6°17	3♐ 2	13♒31	23♒56	26♎14	0°10	2♋41	3°55	11°16	n.a.	F 2
S 3	16 34 25	8°36'17	4♋54	0♊18	23°36	6°59	2°54	13°31	23°56	26°13	0°10	2°D40	3°52	11°22	n.a.	S 3
S 4	16 38 22	9°33'26	19°41	2°25	24°38	7°40	2°47	13°30	23°56	26°12	0°11	2°41	3°49	11°29	n.a.	S 4
M 5	16 42 18	10°30'34	4♌ 6	4°33	25°39	8°22	2°39	13°29	23°56	26°11	0°12	2°42	3°46	11°36	n.a.	M 5
T 6	16 46 15	11°27'42	18° 6	6°43	26°40	9° 3	2°31	13°28	23°56	26°10	0°12	2°44	3°43	11°42	n.a.	T 6
W 7	16 50 11	12°24'49	1♍41	8°52	27°40	9°45	2°24	13°27	23°55	26° 9	0°13	2°45	3°40	11°49	n.a.	W 7
T 8	16 54 8	13°21'56	14°52	11° 2	28°40	10°26	2°17	13°26	23°55	26° 8	0°14	2°R45	3°36	11°56	n.a.	T 8
F 9	16 58 4	14°19'04	27°41	13°12	29°40	11° 8	2° 9	13°25	23°55	26° 7	0°15	2°44	3°33	12° 2	n.a.	F 9
S 10	17 2 1	15°16'11	10♎13	15°22	0♌40	11°49	2° 2	13°24	23°54	26° 6	0°16	2°43	3°30	12° 9	n.a.	S 10
S 11	17 5 58	16°13'18	22°29	17°31	1°39	12°30	1°55	13°23	23°54	26° 5	0°16	2°41	3°27	12°16	n.a.	S 11
M12	17 9 54	17°10'25	4♏35	19°39	2°37	13°12	1°47	13°21	23°53	26° 5	0°17	2°39	3°24	12°22	n.a.	M12
T 13	17 13 51	18° 7'33	16°32	21°47	3°35	13°53	1°40	13°20	23°53	26° 4	0°18	2°37	3°21	12°29	n.a.	T 13
W14	17 17 47	19° 4'40	28°24	23°53	4°33	14°34	1°33	13°18	23°52	26° 3	0°19	2°35	3°17	12°36	n.a.	W14
T 15	17 21 44	20° 1'48	10♐13	25°58	5°31	15°15	1°26	13°16	23°52	26° 2	0°20	2°33	3°14	12°42	n.a.	T 15
F 16	17 25 40	20°58'57	22° 1	28° 2	6°28	15°56	1°19	13°14	23°51	26° 1	0°21	2°32	3°11	12°49	n.a.	F 16
S 17	17 29 37	21°56'05	3♑51	0♋ 4	7°24	16°37	1°13	13°13	23°50	26° 1	0°22	2°D32	3° 8	12°55	n.a.	S 17
S 18	17 33 33	22°53'15	15°45	2° 5	8°20	17°18	1° 6	13°11	23°49	26° 0	0°23	2°33	3° 5	13° 2	n.a.	S 18
M19	17 37 30	23°50'24	27°46	4° 4	9°16	17°58	0°59	13° 8	23°49	25°59	0°25	2°33	3° 1	13° 9	n.a.	M19
T 20	17 41 27	24°47'35	9♒56	6° 1	10°11	18°39	0°53	13° 6	23°48	25°58	0°26	2°34	2°58	13°15	n.a.	T 20
W21	17 45 23	25°44'46	22°17	7°57	11° 5	19°20	0°47	13° 4	23°47	25°58	0°27	2°35	2°55	13°22	n.a.	W21
T 22	17 49 20	26°41'58	4♓54	9°51	11°59	20° 0	0°40	13° 2	23°46	25°57	0°28	2°35	2°52	13°29	n.a.	T 22
F 23	17 53 16	27°39'11	17°50	11°43	12°53	20°41	0°34	12°59	23°45	25°57	0°29	2°36	2°49	13°35	n.a.	F 23
S 24	17 57 13	28°36'25	1♈ 6	13°34	13°46	21°21	0°28	12°57	23°44	25°56	0°31	2°R36	2°46	13°42	n.a.	S 24
S 25	18 1 9	29°33'40	14°46	15°22	14°38	22° 2	0°22	12°54	23°43	25°56	0°32	2°36	2°42	13°49	n.a.	S 25
M26	18 5 6	0♋30'56	28°50	17° 9	15°30	22°42	0°17	12°51	23°42	25°55	0°33	2°35	2°39	13°55	n.a.	M26
T 27	18 9 3	1°28'12	13♉17	18°54	16°21	23°22	0°11	12°49	23°41	25°55	0°35	2°35	2°36	14° 2	n.a.	T 27
W28	18 12 59	2°25'30	28° 4	20°38	17°11	24° 3	0° 6	12°46	23°39	25°54	0°36	2°D35	2°33	14° 9	n.a.	W28
T 29	18 16 56	3°22'50	13♊ 5	22°19	18° 1	24°43	0° 0	12°43	23°38	25°54	0°37	2°35	2°30	14°15	n.a.	T 29
F 30	18 20 52	4♋20'10	28♊11	23♋59	18♌50	25♉23	29♏55	12♒40	23♒37	25♎53	0♍39	2°R35	2♋27	14♐22	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n40	18n52	2s28	19n21	0s 9	24n 1	2n 6	13n 9	0s24	20s32	0n29	18s18	1s25	14s24	0s46	8s24	1n59	26n29	16n 5	23n40	23n38	20s22		n.a.
F 2	21 49	22 8	1 10	20 0	0n 2	23 49	2 4	13 23	0 24	20 31	0 29	18 18	1 25	14 24	0 46	8 23	1 59	26 28	16 4	23 40	23 38	20 24		n.a.
S 3	21 58	23 48	0n12	20 39	0 13	23 36	2 1	13 38	0 23	20 29	0 29	18 19	1 25	14 24	0 46	8 23	1 59	26 27	16 4	23 40	23 38	20 26		n.a.
S 4	22 7	23 45	1 32	21 15	0 24	23 22	1 58	13 52	0 22	20 28	0 29	18 19	1 26	14 24	0 46	8 22	1 59	26 27	16 3	23 40	23 38	20 28		n.a.
M 5	22 16	22 6	2 45	21 50	0 34	23 8	1 56	14 6	0 22	20 27	0 29	18 19	1 26	14 25	0 46	8 22	1 59	26 26	16 3	23 40	23 38	20 29		n.a.
T 6	22 24	19 8	3 45	22 23	0 44	22 53	1 53	14 20	0 21	20 25	0 29	18 20	1 26	14 25	0 46	8 22	1 59	26 25	16 3	23 40	23 39	20 31		n.a.
W 7	22 32	15 12	4 31	22 53	0 53	22 38	1 49	14 34	0 20	20 24	0 29	18 20	1 26	14 25	0 46	8 21	1 59	26 25	16 2	23 40	23 39	20 33		n.a.
T 8	22 39	10 38	5 1	23 21	1 1	22 23	1 46	14 48	0 20	20 23	0 28	18 21	1 27	14 25	0 46	8 21	1 59	26 24	16 2	23 40	23 39	20 34		n.a.
F 9	22 46	5 44	5 15	23 47	1 9	22 7	1 43	15 1	0 19	20 21	0 28	18 21	1 27	14 25	0 46	8 21	1 59	26 23	16 1	23 40	23 39	20 36		n.a.
S 10	22 52	0 42	5 13	24 9	1 17	21 50	1 39	15 15	0 19	20 20	0 28	18 22	1 27	14 25	0 46	8 21	1 59	26 22	16 1	23 40	23 39	20 38		n.a.
S 11	22 58	4s15	4 57	24 29	1 24	21 33	1 35	15 28	0 18	20 19	0 28	18 23	1 27	14 25	0 46	8 20	1 59	26 22	16 0	23 40	23 39	20 39		n.a.
M12	23 4	8 58	4 28	24 47	1 30	21 16	1 31	15 42	0 17	20 17	0 28	18 23	1 27	14 26	0 46	8 20	1 59	26 21	16 0	23 40	23 39	20 41		n.a.
T 13	23 10	13 19	3 48	25 1	1 35	20 58	1 27	15 55	0 17	20 16	0 27	18 24	1 28	14 26	0 46	8 20	1 59	26 20	15 59	23 40	23 39	20 43		n.a.
W14	23 14	17 7	2 58	25 13	1 40	20 40	1 23	16 8	0 16	20 15	0 27	18 24	1 28	14 26	0 46	8 19	1 59	26 19	15 59	23 40	23 39	20 44		n.a.
T 15	23 19	20 14	2 1	25 21	1 43	20 22	1 19	16 20	0 15	20 14	0 27	18 25	1 28	14 26	0 46	8 19	1 59	26 19	15 59	23 40	23 39	20 46		n.a.
F 16	23 23	22 29	0 58	25 27	1 47	20 3	1 14	16 33	0 15	20 12	0 27	18 26	1 28	14 27	0 46	8 19	1 58	26 18	15 58	23 40	23 39	20 48		n.a.
S 17	23 27	23 46	0s 7	25 31	1 49	19 44	1 9	16 46	0 14	20 11	0 27	18 27	1 28	14 27	0 46	8 19	1 58	26 17	15 58	23 40	23 39	20 49		n.a.
S 18	23 30	23 57	1 13	25 32	1 51	19 24	1 4	16 58	0 13	20 10	0 27	18 27	1 29	14 27	0 46	8 19	1 58	26 16	15 57	23 40	23 40	20 51		n.a.
M19	23 33	23 3	2 16	25 30	1 52	19 5	0 59	17 10	0 13	20 9	0 26	18 28	1 29	14 27	0 46	8 18	1 58	26 15	15 57	23 40	23 40	20 53		n.a.
T 20	23 36	21 3	3 13	25 26	1 52	18 45	0 54	17 22	0 12	20 8	0 26	18 29	1 29	14 28	0 47	8 18	1 58	26 15	15 56	23 40	23 40	20 54		n.a.
W21	23 38	18 3	4 3	25 19	1 52	18 24	0 48	17 34	0 11	20 6	0 26	18 30	1 29	14 28	0 47	8 18	1 58	26 14	15 56	23 40	23 40	20 56		n.a.
T 22	23 39	14 10	4 41	25 10	1 51	18 4	0 43	17 46	0 11	20 5	0 26	18 31	1 29	14 28	0 47	8 18	1 58	26 13	15 56	23 40	23 40	20 58		n.a.
F 23	23 40	9 34	5 7	25 0	1 50	17 43	0 37	17 57	0 10	20 4	0 26	18 32	1 30	14 29	0 47	8 18	1 58	26 12	15 55	23 40	23 40	20 59		n.a.
S 24	23 41	4 24	5 18	24 47	1 48	17 22	0 31	18 9	0 9	20 3	0 26	18 33	1 30	14 29	0 47	8 18	1 58	26 11	15 55	23 40	23 40	21 1		n.a.
S 25	23 42	1n 7	5 11	24 32	1 45	17 1	0 25	18 20	0 8	20 2	0 25	18 33	1 30	14 30	0 47	8 17	1 58	26 10	15 54	23 40	23 40	21 3		n.a.
M26	23 42	6 44	4 45	24 16	1 42	16 39	0 18	18 31	0 8	20 1	0 25	18 34	1 30	14 30	0 47	8 17	1 58	26 10	15 54	23 40	23 40	21 4		n.a.
T 27	23 41	12 10	4 1	23 58	1 38	16 18	0 12	18 42	0 7	20 0	0 25	18 35	1 30	14 30	0 47	8 17	1 58	26 9	15 54	23 40	23 40	21 6		n.a.
W28	23 40	17 1	3 0	23 39	1 34	15 56	0 5	18 53	0 6	19 59	0 25	18 36	1 31	14 31	0 47	8 17	1 58	26 8	15 53	23 40	23 40	21 8		n.a.
T 29	23 39	20 51	1 46	23 18	1 30	15 34	0s 2	19 4	0 6	19 58	0 25	18 37	1 31	14 31	0 47	8 17	1 58	26 7	15 53	23 40	23 40	21 9		n.a.
F 30	23n37	23n17	0s24	22n56	1n25	15n12	0s 9	19n14	0s 5	19s57	0n24	18s38	1s31	14s32	0s47	8s17	1n58	26n 6	15n52	23n40	23n40	21s11		n.a.

Julian Day Number = 1717921.5, Delta T = 02h57m26s
Ecliptic obliquity = 23°41'45, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°11'39, Lahiri = - 4°04'38 Julian Calendar 1 June 10 BCE == Greg. Calendar 30 May 010 BCE

The year -09 astronomical counting style corresponds to year 010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 10 BCE
geocentric

JULY 10 BCE (-9) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 24 49	5♋17'31	13♋14	25♋37	19♌38	26♉ 3	29°R50	12°R37	23°R35	25°R53	0♍40	2°R35	2♋23	14♐29	n.a.	S 1
S 2	18 28 45	6°14'53	28° 6	27°14	20°26	26°43	29♏45	12♒34	23♒34	25♎53	0°42	2♋35	2°20	14°35	n.a.	S 2
M 3	18 32 42	7°12'15	12♌39	28°49	21°13	27°23	29°40	12°30	23°33	25°53	0°43	2°35	2°17	14°42	n.a.	M 3
T 4	18 36 38	8° 9'38	26°48	0♌22	21°59	28° 3	29°36	12°27	23°31	25°52	0°45	2°34	2°14	14°49	n.a.	T 4
W 5	18 40 35	9° 7'03	10♍31	1°53	22°44	28°42	29°31	12°24	23°30	25°52	0°46	2°33	2°11	14°55	n.a.	W 5
T 6	18 44 32	10° 4'27	23°47	3°22	23°28	29°22	29°27	12°20	23°28	25°52	0°48	2°33	2° 7	15° 2	n.a.	T 6
F 7	18 48 28	11° 1'53	6♎39	4°50	24°12	0♊ 2	29°23	12°17	23°27	25°52	0°49	2°D33	2° 4	15° 9	n.a.	F 7
S 8	18 52 25	11°59'19	19°10	6°16	24°54	0°41	29°19	12°13	23°25	25°52	0°51	2°33	2° 1	15°15	n.a.	S 8
S 9	18 56 21	12°56'47	1♏24	7°40	25°35	1°21	29°15	12° 9	23°24	25°52	0°53	2°33	1°58	15°22	n.a.	S 9
M10	19 0 18	13°54'15	13°26	9° 3	26°16	2° 0	29°12	12° 6	23°22	25°52	0°54	2°34	1°55	15°29	n.a.	M10
T 11	19 4 14	14°51'44	25°19	10°23	26°55	2°40	29° 8	12° 2	23°20	25°D52	0°56	2°35	1°52	15°35	n.a.	T 11
W12	19 8 11	15°49'14	7♐ 8	11°41	27°33	3°19	29° 5	11°58	23°18	25°52	0°58	2°36	1°48	15°42	n.a.	W12
T 13	19 12 7	16°46'45	18°56	12°58	28°10	3°58	29° 2	11°54	23°17	25°52	0°59	2°37	1°45	15°48	n.a.	T 13
F 14	19 16 4	17°44'18	0♑46	14°12	28°46	4°37	28°59	11°50	23°15	25°52	1° 1	2°R38	1°42	15°55	n.a.	F 14
S 15	19 20 1	18°41'52	12°42	15°25	29°20	5°17	28°56	11°46	23°13	25°52	1° 3	2°37	1°39	16° 2	n.a.	S 15
S 16	19 23 57	19°39'27	24°46	16°35	29°53	5°56	28°54	11°42	23°11	25°52	1° 5	2°36	1°36	16° 8	n.a.	S 16
M17	19 27 54	20°37'03	6♒58	17°43	0♍25	6°35	28°52	11°38	23° 9	25°52	1° 7	2°34	1°33	16°15	n.a.	M17
T 18	19 31 50	21°34'41	19°22	18°49	0°55	7°14	28°49	11°34	23° 7	25°52	1° 8	2°32	1°29	16°22	n.a.	T 18
W19	19 35 47	22°32'20	1♓57	19°52	1°24	7°52	28°47	11°30	23° 5	25°53	1°10	2°29	1°26	16°28	n.a.	W19
T 20	19 39 43	23°30'01	14°47	20°52	1°52	8°31	28°46	11°26	23° 3	25°53	1°12	2°26	1°23	16°35	n.a.	T 20
F 21	19 43 40	24°27'43	27°51	21°50	2°18	9°10	28°44	11°21	23° 1	25°53	1°14	2°23	1°20	16°42	n.a.	F 21
S 22	19 47 36	25°25'27	11♈11	22°46	2°42	9°49	28°43	11°17	22°59	25°54	1°16	2°22	1°17	16°48	n.a.	S 22
S 23	19 51 33	26°23'13	24°48	23°38	3° 5	10°27	28°41	11°13	22°57	25°54	1°18	2°D21	1°13	16°55	n.a.	S 23
M24	19 55 30	27°21'01	8♉43	24°27	3°25	11° 6	28°40	11° 8	22°55	25°54	1°20	2°21	1°10	17° 2	n.a.	M24
T 25	19 59 26	28°18'51	22°55	25°12	3°44	11°44	28°39	11° 4	22°53	25°55	1°22	2°22	1° 7	17° 8	n.a.	T 25
W26	20 3 23	29°16'42	7♊22	25°55	4° 2	12°23	28°39	11° 0	22°51	25°55	1°24	2°24	1° 4	17°15	n.a.	W26
T 27	20 7 19	0♌14'36	22° 3	26°33	4°17	13° 1	28°38	10°55	22°49	25°56	1°26	2°25	1° 1	17°22	n.a.	T 27
F 28	20 11 16	1°12'31	6♋51	27° 8	4°30	13°39	28°38	10°51	22°47	25°56	1°28	2°R25	0°58	17°28	n.a.	F 28
S 29	20 15 12	2°10'28	21°39	27°38	4°42	14°17	28°D38	10°46	22°45	25°57	1°30	2°24	0°54	17°35	n.a.	S 29
S 30	20 19 9	3° 8'27	6♌22	28° 4	4°51	14°56	28°38	10°42	22°42	25°58	1°32	2°22	0°51	17°42	n.a.	S 30
M31	20 23 5	4♌ 6'28	20♌51	28♌25	4♍58	15♊34	28♏38	10♒37	22♒40	25♎58	1♍34	2♋18	0♋48	17♐48	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n35	24n 0	0n59	22n32	1n19	14n50	0s16	19n24	0s 4	19s56	0n24	18s40	1s31	14s32	0s47	8s17	1n58	26n 5	15n52	23n40	23n40	21s12		n.a.
S 2	23 33	23 0	2 17	22 8	1 13	14 28	0 24	19 34	0 3	19 55	0 24	18 41	1 31	14 33	0 47	8 17	1 58	26 4	15 52	23 40	23 40	21 14		n.a.
M 3	23 30	20 28	3 25	21 43	1 7	14 5	0 31	19 44	0 3	19 55	0 24	18 42	1 32	14 33	0 47	8 17	1 57	26 3	15 51	23 40	23 41	21 16		n.a.
T 4	23 26	16 44	4 18	21 16	1 0	13 43	0 39	19 54	0 2	19 54	0 24	18 43	1 32	14 34	0 47	8 17	1 57	26 2	15 51	23 40	23 41	21 17		n.a.
W 5	23 23	12 14	4 54	20 49	0 53	13 20	0 47	20 4	0 1	19 53	0 23	18 44	1 32	14 34	0 47	8 17	1 57	26 2	15 51	23 40	23 41	21 19		n.a.
T 6	23 19	7 17	5 14	20 21	0 46	12 58	0 55	20 13	0 1	19 52	0 23	18 45	1 32	14 35	0 47	8 17	1 57	26 1	15 50	23 40	23 41	21 20		n.a.
F 7	23 14	2 10	5 17	19 53	0 38	12 36	1 4	20 23	0n 0	19 52	0 23	18 46	1 32	14 35	0 47	8 17	1 57	26 0	15 50	23 40	23 41	21 22		n.a.
S 8	23 9	2s54	5 4	19 23	0 30	12 13	1 13	20 32	0 1	19 51	0 23	18 47	1 32	14 36	0 47	8 17	1 57	25 59	15 50	23 40	23 41	21 23		n.a.
S 9	23 4	7 45	4 38	18 54	0 22	11 51	1 21	20 41	0 2	19 50	0 23	18 49	1 33	14 36	0 47	8 17	1 57	25 58	15 49	23 40	23 41	21 25		n.a.
M10	22 58	12 13	4 0	18 24	0 13	11 29	1 31	20 49	0 2	19 50	0 22	18 50	1 33	14 37	0 47	8 17	1 57	25 57	15 49	23 40	23 41	21 27		n.a.
T 11	22 51	16 11	3 12	17 54	0 4	11 7	1 40	20 58	0 3	19 49	0 22	18 51	1 33	14 38	0 47	8 17	1 57	25 56	15 49	23 40	23 41	21 28		n.a.
W12	22 45	19 29	2 17	17 23	0s 5	10 45	1 49	21 6	0 4	19 49	0 22	18 52	1 33	14 38	0 47	8 17	1 57	25 55	15 48	23 40	23 41	21 30		n.a.
T 13	22 38	21 59	1 15	16 52	0 14	10 23	1 59	21 15	0 5	19 48	0 22	18 54	1 33	14 39	0 47	8 17	1 57	25 54	15 48	23 40	23 41	21 31		n.a.
F 14	22 30	23 31	0 10	16 22	0 24	10 1	2 9	21 23	0 5	19 48	0 22	18 55	1 33	14 39	0 47	8 17	1 57	25 53	15 48	23 40	23 41	21 33		n.a.
S 15	22 23	24 0	0s56	15 51	0 34	9 40	2 19	21 31	0 6	19 47	0 21	18 56	1 33	14 40	0 47	8 17	1 57	25 52	15 47	23 40	23 41	21 34		n.a.
S 16	22 14	23 22	1 59	15 20	0 44	9 19	2 29	21 38	0 7	19 47	0 21	18 57	1 34	14 41	0 47	8 17	1 57	25 51	15 47	23 40	23 41	21 36		n.a.
M17	22 6	21 36	2 59	14 50	0 54	8 58	2 39	21 46	0 8	19 47	0 21	18 59	1 34	14 41	0 47	8 18	1 57	25 50	15 47	23 40	23 41	21 37		n.a.
T 18	21 57	18 49	3 50	14 20	1 4	8 37	2 50	21 53	0 8	19 46	0 21	19 0	1 34	14 42	0 47	8 18	1 56	25 50	15 47	23 40	23 41	21 39		n.a.
W19	21 47	15 6	4 32	13 50	1 15	8 16	3 1	22 0	0 9	19 46	0 21	19 1	1 34	14 43	0 47	8 18	1 56	25 49	15 46	23 40	23 41	21 41		n.a.
T 20	21 38	10 40	5 0	13 21	1 25	7 56	3 12	22 7	0 10	19 46	0 20	19 3	1 34	14 43	0 47	8 18	1 56	25 48	15 46	23 40	23 41	21 42		n.a.
F 21	21 27	5 39	5 14	12 52	1 36	7 37	3 23	22 14	0 11	19 46	0 20	19 4	1 34	14 44	0 47	8 18	1 56	25 47	15 46	23 40	23 41	21 44		n.a.
S 22	21 17	0 18	5 11	12 24	1 47	7 18	3 34	22 21	0 11	19 46	0 20	19 5	1 34	14 45	0 47	8 18	1 56	25 46	15 46	23 40	23 41	21 45		n.a.
S 23	21 6	5n11	4 51	11 57	1 57	6 59	3 46	22 27	0 12	19 45	0 20	19 7	1 35	14 45	0 47	8 19	1 56	25 45	15 45	23 40	23 41	21 47		n.a.
M24	20 55	10 33	4 14	11 30	2 8	6 40	3 57	22 34	0 13	19 45	0 20	19 8	1 35	14 46	0 47	8 19	1 56	25 44	15 45	23 40	23 41	21 48		n.a.
T 25	20 43	15 28	3 20	11 5	2 19	6 23	4 9	22 40	0 14	19 45	0 20	19 9	1 35	14 47	0 48	8 19	1 56	25 43	15 45	23 40	23 41	21 50		n.a.
W26	20 31	19 35	2 13	10 40	2 30	6 5	4 21	22 46	0 14	19 45	0 19	19 11	1 35	14 48	0 48	8 19	1 56	25 42	15 45	23 40	23 41	21 51		n.a.
T 27	20 19	22 31	0 57	10 17	2 40	5 49	4 33	22 51	0 15	19 46	0 19	19 12	1 35	14 48	0 48	8 19	1 56	25 41	15 44	23 40	23 42	21 53		n.a.
F 28	20 6	23 55	0n24	9 56	2 51	5 32	4 45	22 57	0 16	19 46	0 19	19 13	1 35	14 49	0 48	8 20	1 56	25 40	15 44	23 40	23 42	21 54		n.a.
S 29	19 53	23 38	1 44	9 36	3 1	5 17	4 57	23 2	0 17	19 46	0 19	19 15	1 35	14 50	0 48	8 20	1 56	25 39	15 44	23 40	23 42	21 56		n.a.
S 30	19 40	21 43	2 55	9 17	3 11	5 2	5 9	23 8	0 18	19 46	0 19	19 16	1 35	14 51	0 48	8 20	1 56	25 38	15 44	23 40	23 42	21 57		n.a.
M31	19n26	18n24	3n54	9n 1	3s21	4n48	5s22	23n13	0n18	19s46	0n18	19s17	1s35	14s51	0s48	8s21	1n56	25n37	15n44	23n41	23n42	21s58		n.a.

Julian Day Number = 1717951.5, Delta T = 02h57m25s
Ecliptic obliquity = 23°41'45, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°11'35, Lahiri = - 4°04'34 Julian Calendar 1 July 10 BCE == Greg. Calendar 29 June 010 BCE

The year -09 astronomical counting style corresponds to year 010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 10 BCE
geocentric

AUGUST 10 BCE (-9) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 27 2	5♌ 4'30	5♍ 0	28♌41	5♍ 3	16♊12	28♏39	10°R33	22°R38	25♎59	1♍36	2°R13	0♋45	17♐55	n.a.	T 1
W 2	20 30 59	6° 2'33	18°45	28°52	5° 5	16°49	28°39	10♒28	22♒36	26° 0	1°38	2♋ 8	0°42	18° 1	n.a.	W 2
T 3	20 34 55	7° 0'38	2♎ 5	28°R58	5°R 6	17°27	28°40	10°23	22°33	26° 0	1°40	2° 3	0°38	18° 8	n.a.	T 3
F 4	20 38 52	7°58'45	15° 1	28°57	5° 4	18° 5	28°41	10°19	22°31	26° 1	1°42	1°59	0°35	18°15	n.a.	F 4
S 5	20 42 48	8°56'53	27°34	28°51	5° 0	18°43	28°42	10°14	22°29	26° 2	1°44	1°57	0°32	18°21	n.a.	S 5
S 6	20 46 45	9°55'03	9♏48	28°38	4°53	19°20	28°44	10°10	22°26	26° 3	1°46	1°D56	0°29	18°28	n.a.	S 6
M 7	20 50 41	10°53'14	21°49	28°20	4°44	19°58	28°45	10° 5	22°24	26° 3	1°49	1°57	0°26	18°35	n.a.	M 7
T 8	20 54 38	11°51'27	3♐41	27°54	4°32	20°35	28°47	10° 0	22°22	26° 4	1°51	1°58	0°23	18°41	n.a.	T 8
W 9	20 58 34	12°49'41	15°29	27°23	4°18	21°13	28°49	9°56	22°19	26° 5	1°53	2° 0	0°19	18°48	n.a.	W 9
T 10	21 2 31	13°47'58	27°18	26°45	4° 2	21°50	28°51	9°51	22°17	26° 6	1°55	2°R 1	0°16	18°55	n.a.	T 10
F 11	21 6 28	14°46'16	9♑13	26° 1	3°44	22°27	28°54	9°47	22°15	26° 7	1°57	2° 1	0°13	19° 1	n.a.	F 11
S 12	21 10 24	15°44'35	21°16	25°13	3°23	23° 4	28°56	9°42	22°12	26° 8	1°59	1°59	0°10	19° 8	n.a.	S 12
S 13	21 14 21	16°42'57	3♒31	24°19	3° 0	23°41	28°59	9°38	22°10	26° 9	2° 2	1°55	0° 7	19°15	n.a.	S 13
M14	21 18 17	17°41'20	15°59	23°22	2°35	24°18	29° 2	9°33	22° 7	26°10	2° 4	1°49	0° 4	19°21	n.a.	M14
T 15	21 22 14	18°39'45	28°41	22°21	2° 8	24°55	29° 5	9°29	22° 5	26°11	2° 6	1°42	0° 0	19°28	n.a.	T 15
W16	21 26 10	19°38'12	11♓37	21°20	1°39	25°32	29° 8	9°24	22° 3	26°12	2° 8	1°33	29♊57	19°35	n.a.	W16
T 17	21 30 7	20°36'42	24°46	20°18	1° 8	26° 9	29°11	9°20	22° 0	26°14	2°11	1°25	29°54	19°41	n.a.	T 17
F 18	21 34 3	21°35'13	8♈ 8	19°17	0°36	26°46	29°15	9°15	21°58	26°15	2°13	1°17	29°51	19°48	n.a.	F 18
S 19	21 38 0	22°33'47	21°42	18°20	0° 3	27°22	29°19	9°11	21°55	26°16	2°15	1°12	29°48	19°54	n.a.	S 19
S 20	21 41 57	23°32'23	5♉25	17°26	29♌28	27°59	29°23	9° 6	21°53	26°17	2°17	1° 8	29°44	20° 1	n.a.	S 20
M21	21 45 53	24°31'01	19°19	16°38	28°53	28°35	29°27	9° 2	21°51	26°19	2°19	1°D 6	29°41	20° 8	n.a.	M21
T 22	21 49 50	25°29'42	3♊22	15°56	28°17	29°11	29°31	8°58	21°48	26°20	2°22	1° 6	29°38	20°14	n.a.	T 22
W23	21 53 46	26°28'25	17°34	15°23	27°40	29°48	29°35	8°53	21°46	26°21	2°24	1° 7	29°35	20°21	n.a.	W23
T 24	21 57 43	27°27'11	1♋53	14°58	27° 3	0♋24	29°40	8°49	21°43	26°22	2°26	1°R 8	29°32	20°28	n.a.	T 24
F 25	22 1 39	28°25'58	16°16	14°43	26°27	1° 0	29°45	8°45	21°41	26°24	2°29	1° 7	29°29	20°34	n.a.	F 25
S 26	22 5 36	29°24'49	0♌41	14°D37	25°50	1°36	29°50	8°41	21°39	26°25	2°31	1° 4	29°25	20°41	n.a.	S 26
S 27	22 9 32	0♍23'41	15° 1	14°42	25°14	2°12	29°55	8°37	21°36	26°27	2°33	0°58	29°22	20°48	n.a.	S 27
M28	22 13 29	1°22'36	29°13	14°56	24°39	2°48	0♐ 0	8°33	21°34	26°28	2°35	0°50	29°19	20°54	n.a.	M28
T 29	22 17 25	2°21'32	13♍10	15°20	24° 5	3°24	0° 6	8°29	21°32	26°30	2°38	0°40	29°16	21° 1	n.a.	T 29
W30	22 21 22	3°20'31	26°48	15°53	23°32	3°59	0°11	8°25	21°29	26°31	2°40	0°29	29°13	21° 8	n.a.	W30
T 31	22 25 19	4♍19'31	10♎ 5	16♌36	23♌ 0	4♋35	0♐17	8♒21	21♒27	26♎33	2♍42	0♋19	29♊10	21♐14	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	19n12	14n 5	4n38	8n46	3s30	4n35	5s34	23n17	0n19	19s47	0n18	19s19	1s36	14s52	0s48	8s21	1n56	25n36	15n43	23n41	23n42	22s 0		n.a.	
W 2	18 58	9 8	5 4	8 34	3 39	4 23	5 46	23 22	0 20	19 47	0 18	19 20	1 36	14 53	0 48	8 21	1 55	25 35	15 43	23 41	23 42	22 1		n.a.	
T 3	18 43	3 55	5 12	8 25	3 47	4 11	5 58	23 27	0 21	19 47	0 18	19 21	1 36	14 54	0 48	8 22	1 55	25 34	15 43	23 41	23 42	22 3		n.a.	
F 4	18 28	1s18	5 4	8 18	3 55	4 1	6 11	23 31	0 22	19 48	0 18	19 23	1 36	14 54	0 48	8 22	1 55	25 33	15 43	23 41	23 42	22 4		n.a.	
S 5	18 13	6 20	4 42	8 14	4 2	3 51	6 23	23 35	0 22	19 48	0 17	19 24	1 36	14 55	0 48	8 22	1 55	25 32	15 43	23 41	23 42	22 6		n.a.	
S 6	17 57	11 1	4 7	8 12	4 7	3 42	6 35	23 39	0 23	19 49	0 17	19 26	1 36	14 56	0 48	8 23	1 55	25 32	15 43	23 41	23 42	22 7		n.a.	
M 7	17 41	15 10	3 21	8 14	4 12	3 35	6 46	23 43	0 24	19 49	0 17	19 27	1 36	14 57	0 48	8 23	1 55	25 31	15 42	23 41	23 42	22 9		n.a.	
T 8	17 25	18 41	2 28	8 20	4 16	3 28	6 58	23 46	0 25	19 50	0 17	19 28	1 36	14 57	0 48	8 23	1 55	25 30	15 42	23 41	23 42	22 10		n.a.	
W 9	17 9	21 26	1 29	8 29	4 18	3 23	7 9	23 50	0 26	19 50	0 17	19 30	1 36	14 58	0 48	8 24	1 55	25 29	15 42	23 41	23 42	22 11		n.a.	
T 10	16 52	23 15	0 26	8 41	4 19	3 19	7 20	23 53	0 27	19 51	0 17	19 31	1 36	14 59	0 48	8 24	1 55	25 28	15 42	23 41	23 42	22 13		n.a.	
F 11	16 35	24 1	0s39	8 56	4 18	3 15	7 30	23 56	0 27	19 52	0 16	19 32	1 36	15 0	0 48	8 25	1 55	25 27	15 42	23 41	23 42	22 14		n.a.	
S 12	16 17	23 41	1 43	9 16	4 15	3 14	7 40	23 59	0 28	19 52	0 16	19 33	1 36	15 1	0 48	8 25	1 55	25 26	15 42	23 41	23 42	22 16		n.a.	
S 13	16 0	22 12	2 42	9 38	4 10	3 13	7 50	24 2	0 29	19 53	0 16	19 35	1 36	15 1	0 48	8 25	1 55	25 25	15 42	23 41	23 42	22 17		n.a.	
M14	15 42	19 38	3 35	10 3	4 3	3 13	7 59	24 4	0 30	19 54	0 16	19 36	1 37	15 2	0 48	8 26	1 55	25 24	15 42	23 41	23 42	22 19		n.a.	
T 15	15 24	16 5	4 18	10 31	3 55	3 15	8 7	24 7	0 31	19 55	0 16	19 37	1 37	15 3	0 48	8 26	1 55	25 23	15 42	23 41	23 42	22 20		n.a.	
W16	15 5	11 43	4 49	11 1	3 44	3 18	8 15	24 9	0 32	19 56	0 15	19 39	1 37	15 4	0 48	8 27	1 55	25 22	15 42	23 41	23 42	22 21		n.a.	
T 17	14 47	6 45	5 5	11 32	3 31	3 22	8 22	24 11	0 32	19 57	0 15	19 40	1 37	15 5	0 48	8 27	1 55	25 21	15 42	23 41	23 42	22 23		n.a.	
F 18	14 28	1 24	5 5	12 5	3 17	3 28	8 28	24 13	0 33	19 58	0 15	19 41	1 37	15 5	0 48	8 28	1 54	25 21	15 42	23 41	23 42	22 24		n.a.	
S 19	14 8	4n 6	4 48	12 37	3 1	3 34	8 33	24 14	0 34	19 59	0 15	19 42	1 37	15 6	0 48	8 28	1 54	25 20	15 41	23 41	23 42	22 25		n.a.	
S 20	13 49	9 29	4 14	13 10	2 44	3 42	8 38	24 16	0 35	20 0	0 15	19 43	1 37	15 7	0 48	8 29	1 54	25 19	15 41	23 41	23 42	22 27		n.a.	
M21	13 29	14 27	3 25	13 42	2 26	3 50	8 41	24 17	0 36	20 1	0 15	19 45	1 37	15 8	0 48	8 29	1 54	25 18	15 41	23 41	23 42	22 28		n.a.	
T 22	13 10	18 43	2 23	14 13	2 7	4 0	8 44	24 18	0 37	20 2	0 14	19 46	1 37	15 8	0 48	8 30	1 54	25 17	15 41	23 41	23 42	22 30		n.a.	
W23	12 49	21 55	1 12	14 41	1 48	4 11	8 46	24 19	0 38	20 3	0 14	19 47	1 37	15 9	0 48	8 30	1 54	25 16	15 41	23 41	23 42	22 31		n.a.	
T 24	12 29	23 45	0n 4	15 7	1 28	4 22	8 47	24 20	0 39	20 4	0 14	19 48	1 37	15 10	0 48	8 31	1 54	25 15	15 41	23 41	23 42	22 32		n.a.	
F 25	12 9	24 1	1 20	15 30	1 8	4 35	8 47	24 21	0 39	20 5	0 14	19 49	1 37	15 11	0 48	8 31	1 54	25 14	15 41	23 41	23 42	22 34		n.a.	
S 26	11 48	22 41	2 31	15 50	0 49	4 48	8 46	24 21	0 40	20 6	0 14	19 50	1 37	15 12	0 48	8 32	1 54	25 14	15 41	23 42	23 42	22 35		n.a.	
S 27	11 27	19 53	3 32	16 7	0 31	5 1	8 44	24 22	0 41	20 8	0 14	19 52	1 37	15 12	0 48	8 32	1 54	25 13	15 41	23 42	23 42	22 36		n.a.	
M28	11 6	15 55	4 19	16 19	0 13	5 16	8 41	24 22	0 42	20 9	0 13	19 53	1 37	15 13	0 48	8 33	1 54	25 12	15 41	23 42	23 42	22 38		n.a.	
T 29	10 45	11 8	4 50	16 28	0n 4	5 30	8 37	24 22	0 43	20 10	0 13	19 54	1 37	15 14	0 48	8 34	1 54	25 11	15 41	23 42	23 42	22 39		n.a.	
W30	10 23	5 54	5 3	16 33	0 19	5 45	8 32	24 22	0 44	20 12	0 13	19 55	1 37	15 15	0 48	8 34	1 54	25 10	15 42	23 42	23 42	22 40		n.a.	
T 31	10n 2	0n33	4n59	16n34	0n34	6n 1	8s27	24n22	0n45	20s13	0n13	19s56	1s37	15s15	0s48	8s35	1n54	25n 9	15n42	23n42	23n42	22s42		n.a.	

Julian Day Number = 1717982.5, Delta T = 02h57m24s
Ecliptic obliquity = 23°41'46, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°11'30, Lahiri = - 4°04'30 Julian Calendar 1 Aug. 10 BCE == Greg. Calendar 30 July 010 BCE

The year -09 astronomical counting style corresponds to year 010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 10 BCE
geocentric

SEPTEMBER 10 BCE (-9) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 29 15	5♍18'34	22♎59	17♌26	22°R30	5♋10	0♐23	8°R17	21°R25	26♎34	2♍44	0°R10	29♊ 6	21♐21	n.a.	F 1
S 2	22 33 12	6°17'38	5♏32	18°25	22♌ 1	5°46	0°29	8♒13	21♒22	26°36	2°47	0♋ 4	29° 3	21°28	n.a.	S 2
S 3	22 37 8	7°16'45	17°47	19°31	21°34	6°21	0°36	8°10	21°20	26°37	2°49	29♊59	29° 0	21°34	n.a.	S 3
M 4	22 41 5	8°15'53	29°48	20°43	21°10	6°56	0°42	8° 6	21°18	26°39	2°51	29°58	28°57	21°41	n.a.	M 4
T 5	22 45 1	9°15'03	11♐40	22° 1	20°47	7°31	0°49	8° 2	21°15	26°41	2°53	29°D57	28°54	21°47	n.a.	T 5
W 6	22 48 58	10°14'16	23°28	23°24	20°27	8° 6	0°55	7°59	21°13	26°42	2°56	29°58	28°50	21°54	n.a.	W 6
T 7	22 52 54	11°13'30	5♑18	24°51	20° 9	8°41	1° 2	7°55	21°11	26°44	2°58	29°R58	28°47	22° 1	n.a.	T 7
F 8	22 56 51	12°12'46	17°15	26°22	19°53	9°16	1° 9	7°52	21° 9	26°46	3° 0	29°56	28°44	22° 7	n.a.	F 8
S 9	23 0 48	13°12'04	29°24	27°56	19°40	9°50	1°16	7°49	21° 7	26°47	3° 2	29°53	28°41	22°14	n.a.	S 9
S 10	23 4 44	14°11'23	11♒48	29°32	19°29	10°25	1°24	7°45	21° 4	26°49	3° 5	29°46	28°38	22°21	n.a.	S 10
M11	23 8 41	15°10'45	24°29	1♍11	19°20	10°59	1°31	7°42	21° 2	26°51	3° 7	29°38	28°35	22°27	n.a.	M11
T 12	23 12 37	16°10'09	7♓30	2°51	19°14	11°34	1°39	7°39	21° 0	26°53	3° 9	29°26	28°31	22°34	n.a.	T 12
W13	23 16 34	17° 9'35	20°48	4°33	19°10	12° 8	1°46	7°36	20°58	26°55	3°11	29°14	28°28	22°41	n.a.	W13
T 14	23 20 30	18° 9'03	4♈23	6°15	19°D 9	12°42	1°54	7°33	20°56	26°56	3°14	29° 2	28°25	22°47	n.a.	T 14
F 15	23 24 27	19° 8'33	18°10	7°59	19°10	13°16	2° 2	7°30	20°54	26°58	3°16	28°50	28°22	22°54	n.a.	F 15
S 16	23 28 23	20° 8'05	2♉ 7	9°43	19°14	13°50	2°11	7°28	20°52	27° 0	3°18	28°41	28°19	23° 1	n.a.	S 16
S 17	23 32 20	21° 7'40	16° 9	11°27	19°20	14°24	2°19	7°25	20°50	27° 2	3°20	28°35	28°15	23° 7	n.a.	S 17
M18	23 36 16	22° 7'17	0♊14	13°11	19°28	14°57	2°27	7°22	20°48	27° 4	3°22	28°32	28°12	23°14	n.a.	M18
T 19	23 40 13	23° 6'57	14°20	14°55	19°39	15°31	2°36	7°20	20°46	27° 6	3°25	28°30	28° 9	23°21	n.a.	T 19
W20	23 44 10	24° 6'39	28°25	16°39	19°51	16° 4	2°44	7°17	20°44	27° 8	3°27	28°30	28° 6	23°27	n.a.	W20
T 21	23 48 6	25° 6'24	12♋30	18°22	20° 6	16°38	2°53	7°15	20°42	27°10	3°29	28°30	28° 3	23°34	n.a.	T 21
F 22	23 52 3	26° 6'11	26°33	20° 6	20°23	17°11	3° 2	7°13	20°40	27°12	3°31	28°28	28° 0	23°40	n.a.	F 22
S 23	23 55 59	27° 6'00	10♌32	21°49	20°41	17°44	3°11	7°11	20°39	27°14	3°33	28°24	27°56	23°47	n.a.	S 23
S 24	23 59 56	28° 5'51	24°27	23°31	21° 2	18°17	3°20	7° 9	20°37	27°16	3°35	28°16	27°53	23°54	n.a.	S 24
M25	0 3 52	29° 5'45	8♍13	25°13	21°25	18°50	3°30	7° 7	20°35	27°18	3°37	28° 6	27°50	24° 0	n.a.	M25
T 26	0 7 49	0♎ 5'41	21°48	26°55	21°49	19°23	3°39	7° 5	20°33	27°20	3°39	27°53	27°47	24° 7	n.a.	T 26
W27	0 11 45	1° 5'39	5♎ 9	28°36	22°15	19°55	3°49	7° 3	20°32	27°22	3°42	27°40	27°44	24°14	n.a.	W27
T 28	0 15 42	2° 5'39	18°13	0♎16	22°43	20°28	3°58	7° 1	20°30	27°24	3°44	27°27	27°41	24°20	n.a.	T 28
F 29	0 19 39	3° 5'40	0♏58	1°56	23°12	21° 0	4° 8	7° 0	20°29	27°26	3°46	27°16	27°37	24°27	n.a.	F 29
S 30	0 23 35	4♎ 5'44	13♏26	3♎36	23♌43	21♋32	4♐18	6♒58	20♒27	27♎28	3♍48	27♊ 6	27♊34	24♐34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9n40	4s42	4n40	16n31	0n47	6n16	8s21	24n21	0n46	20s15	0n13	19s57	1s37	15s16	0s48	8s35	1n54	25n 9	15n42	23n42	23n42	22s43		n.a.
S 2	9 18	9 37	4 8	16 25	0 59	6 32	8 14	24 21	0 47	20 16	0 13	19 58	1 37	15 17	0 48	8 36	1 54	25 8	15 42	23 42	23 42	22 44		n.a.
S 3	8 56	14 2	3 25	16 14	1 10	6 47	8 6	24 20	0 48	20 17	0 12	19 59	1 37	15 18	0 48	8 37	1 54	25 7	15 42	23 42	23 42	22 46		n.a.
M 4	8 34	17 50	2 33	16 0	1 20	7 3	7 58	24 19	0 49	20 19	0 12	20 0	1 37	15 18	0 48	8 37	1 54	25 6	15 42	23 42	23 42	22 47		n.a.
T 5	8 11	20 50	1 36	15 43	1 28	7 19	7 49	24 18	0 49	20 20	0 12	20 1	1 37	15 19	0 48	8 38	1 54	25 6	15 42	23 42	23 41	22 48		n.a.
W 6	7 49	22 57	0 35	15 22	1 35	7 34	7 39	24 17	0 50	20 22	0 12	20 2	1 37	15 20	0 48	8 39	1 53	25 5	15 42	23 42	23 41	22 49		n.a.
T 7	7 26	24 4	0s28	14 58	1 41	7 49	7 29	24 16	0 51	20 24	0 12	20 2	1 37	15 21	0 48	8 39	1 53	25 4	15 42	23 42	23 41	22 51		n.a.
F 8	7 3	24 4	1 31	14 31	1 46	8 4	7 19	24 14	0 52	20 25	0 12	20 3	1 37	15 21	0 48	8 40	1 53	25 3	15 42	23 42	23 41	22 52		n.a.
S 9	6 40	22 56	2 30	14 2	1 50	8 18	7 8	24 13	0 53	20 27	0 12	20 4	1 37	15 22	0 48	8 41	1 53	25 3	15 42	23 42	23 41	22 53		n.a.
S 10	6 17	20 40	3 23	13 31	1 53	8 32	6 57	24 11	0 54	20 29	0 11	20 5	1 37	15 23	0 48	8 41	1 53	25 2	15 43	23 42	23 41	22 55		n.a.
M11	5 54	17 22	4 7	12 57	1 55	8 45	6 46	24 9	0 55	20 30	0 11	20 6	1 37	15 23	0 48	8 42	1 53	25 1	15 43	23 42	23 41	22 56		n.a.
T 12	5 31	13 9	4 39	12 22	1 56	8 58	6 34	24 7	0 56	20 32	0 11	20 7	1 37	15 24	0 48	8 43	1 53	25 0	15 43	23 42	23 41	22 57		n.a.
W13	5 7	8 14	4 58	11 45	1 56	9 11	6 22	24 5	0 57	20 34	0 11	20 7	1 37	15 25	0 48	8 43	1 53	25 0	15 43	23 42	23 41	22 58		n.a.
T 14	4 44	2 49	4 59	11 6	1 56	9 22	6 10	24 3	0 58	20 35	0 11	20 8	1 37	15 25	0 48	8 44	1 53	24 59	15 43	23 42	23 41	23 0		n.a.
F 15	4 20	2n50	4 44	10 26	1 55	9 33	5 58	24 0	0 59	20 37	0 11	20 9	1 37	15 26	0 48	8 45	1 53	24 58	15 43	23 41	23 41	23 1		n.a.
S 16	3 57	8 24	4 12	9 45	1 53	9 44	5 46	23 58	1 0	20 39	0 10	20 9	1 36	15 27	0 47	8 46	1 53	24 58	15 44	23 41	23 41	23 2		n.a.
S 17	3 33	13 36	3 24	9 3	1 51	9 54	5 34	23 55	1 1	20 41	0 10	20 10	1 36	15 27	0 47	8 46	1 53	24 57	15 44	23 41	23 41	23 3		n.a.
M18	3 9	18 5	2 24	8 20	1 48	10 3	5 22	23 53	1 2	20 43	0 10	20 11	1 36	15 28	0 47	8 47	1 53	24 56	15 44	23 41	23 41	23 4		n.a.
T 19	2 46	21 32	1 14	7 36	1 44	10 11	5 10	23 50	1 3	20 44	0 10	20 11	1 36	15 28	0 47	8 48	1 53	24 56	15 44	23 41	23 41	23 6		n.a.
W20	2 22	23 41	0 0	6 52	1 41	10 19	4 57	23 47	1 4	20 46	0 10	20 12	1 36	15 29	0 47	8 48	1 53	24 55	15 44	23 41	23 41	23 7		n.a.
T 21	1 58	24 19	1n13	6 8	1 37	10 26	4 45	23 44	1 5	20 48	0 10	20 12	1 36	15 30	0 47	8 49	1 53	24 54	15 45	23 41	23 41	23 8		n.a.
F 22	1 34	23 24	2 22	5 23	1 32	10 32	4 33	23 40	1 6	20 50	0 10	20 13	1 36	15 30	0 47	8 50	1 53	24 54	15 45	23 41	23 41	23 9		n.a.
S 23	1 10	21 2	3 23	4 37	1 28	10 37	4 21	23 37	1 7	20 52	0 9	20 13	1 36	15 31	0 47	8 51	1 53	24 53	15 45	23 41	23 41	23 11		n.a.
S 24	0 46	17 26	4 10	3 52	1 23	10 42	4 9	23 34	1 8	20 54	0 9	20 14	1 36	15 31	0 47	8 51	1 53	24 53	15 45	23 41	23 41	23 12		n.a.
M25	0 22	12 56	4 43	3 6	1 17	10 46	3 58	23 30	1 9	20 56	0 9	20 14	1 36	15 32	0 47	8 52	1 53	24 52	15 46	23 41	23 41	23 13		n.a.
T 26	0s 2	7 51	4 58	2 20	1 12	10 49	3 46	23 27	1 11	20 58	0 9	20 15	1 36	15 32	0 47	8 53	1 53	24 52	15 46	23 41	23 41	23 14		n.a.
W27	0 26	2 29	4 58	1 34	1 6	10 52	3 35	23 23	1 12	21 0	0 9	20 15	1 36	15 33	0 47	8 54	1 53	24 51	15 46	23 41	23 41	23 15		n.a.
T 28	0 50	2s53	4 41	0 49	1 0	10 53	3 23	23 19	1 13	21 2	0 9	20 15	1 36	15 33	0 47	8 55	1 53	24 50	15 46	23 40	23 41	23 16		n.a.
F 29	1 15	8 1	4 11	0 3	0 54	10 54	3 12	23 15	1 14	21 4	0 9	20 16	1 36	15 34	0 47	8 55	1 53	24 50	15 47	23 40	23 40	23 18		n.a.
S 30	1s39	12s44	3n29	0s43	0n48	10n55	3s 1	23n11	1n15	21s 6	0n 8	20s16	1s36	15s34	0s47	8s56	1n53	24n49	15n47	23n40	23n40	23s19		n.a.

Julian Day Number = 1718013.5, Delta T = 02h57m23s
Ecliptic obliquity = 23°41'46, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°11'26, Lahiri = - 4°04'26 Julian Calendar 1 Sept. 10 BCE == Greg. Calendar 30 Aug. 010 BCE

The year -09 astronomical counting style corresponds to year 010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 10 BCE
geocentric

OCTOBER 10 BCE (-9) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 27 32	5♎ 5'49	25♏38	5♎15	24♌15	22♋ 4	4♐28	6°R57	20°R26	27♎30	3♍50	27°R 0	27♊31	24♐40	n.a.	S 1
M 2	0 31 28	6° 5'57	7♐38	6°53	24°49	22°36	4°38	6♒56	20♒24	27°33	3°52	26♊57	27°28	24°47	n.a.	M 2
T 3	0 35 25	7° 6'06	19°29	8°31	25°25	23° 8	4°48	6°55	20°23	27°35	3°54	26°55	27°25	24°54	n.a.	T 3
W 4	0 39 21	8° 6'17	1♑16	10° 9	26° 1	23°39	4°59	6°54	20°21	27°37	3°56	26°D55	27°21	25° 0	n.a.	W 4
T 5	0 43 18	9° 6'29	13° 5	11°46	26°39	24°11	5° 9	6°53	20°20	27°39	3°58	26°R55	27°18	25° 7	n.a.	T 5
F 6	0 47 14	10° 6'43	25° 2	13°22	27°18	24°42	5°20	6°52	20°19	27°41	4° 0	26°54	27°15	25°13	n.a.	F 6
S 7	0 51 11	11° 6'59	7♒12	14°58	27°59	25°13	5°30	6°51	20°17	27°43	4° 1	26°51	27°12	25°20	n.a.	S 7
S 8	0 55 8	12° 7'16	19°39	16°34	28°40	25°44	5°41	6°50	20°16	27°45	4° 3	26°46	27° 9	25°27	n.a.	S 8
M 9	0 59 4	13° 7'35	2♓28	18° 9	29°23	26°15	5°52	6°50	20°15	27°48	4° 5	26°38	27° 6	25°33	n.a.	M 9
T 10	1 3 1	14° 7'55	15°40	19°44	0♍ 6	26°45	6° 3	6°49	20°14	27°50	4° 7	26°28	27° 2	25°40	n.a.	T 10
W11	1 6 57	15° 8'17	29°15	21°19	0°51	27°16	6°14	6°49	20°13	27°52	4° 9	26°16	26°59	25°47	n.a.	W11
T 12	1 10 54	16° 8'41	13♈12	22°53	1°37	27°46	6°25	6°49	20°12	27°54	4°11	26° 5	26°56	25°53	n.a.	T 12
F 13	1 14 50	17° 9'06	27°25	24°26	2°24	28°16	6°36	6°49	20°11	27°57	4°13	25°54	26°53	26° 0	n.a.	F 13
S 14	1 18 47	18° 9'33	11♉49	26° 0	3°11	28°46	6°48	6°D49	20°10	27°59	4°14	25°45	26°50	26° 7	n.a.	S 14
S 15	1 22 43	19°10'03	26°17	27°33	4° 0	29°16	6°59	6°49	20° 9	28° 1	4°16	25°39	26°47	26°13	n.a.	S 15
M16	1 26 40	20°10'34	10♊45	29° 6	4°49	29°45	7°10	6°49	20° 8	28° 3	4°18	25°36	26°43	26°20	n.a.	M16
T 17	1 30 37	21°11'07	25° 7	0♏38	5°40	0♌15	7°22	6°49	20° 7	28° 5	4°20	25°D35	26°40	26°27	n.a.	T 17
W18	1 34 33	22°11'42	9♋21	2°11	6°31	0°44	7°34	6°50	20° 6	28° 8	4°21	25°36	26°37	26°33	n.a.	W18
T 19	1 38 30	23°12'19	23°25	3°43	7°23	1°13	7°45	6°50	20° 6	28°10	4°23	25°R36	26°34	26°40	n.a.	T 19
F 20	1 42 26	24°12'58	7♌18	5°15	8°15	1°42	7°57	6°51	20° 5	28°12	4°25	25°35	26°31	26°47	n.a.	F 20
S 21	1 46 23	25°13'38	21° 2	6°46	9° 9	2°10	8° 9	6°52	20° 4	28°14	4°26	25°32	26°27	26°53	n.a.	S 21
S 22	1 50 19	26°14'21	4♍34	8°17	10° 3	2°39	8°21	6°52	20° 4	28°17	4°28	25°27	26°24	27° 0	n.a.	S 22
M23	1 54 16	27°15'05	17°56	9°48	10°57	3° 7	8°33	6°53	20° 3	28°19	4°29	25°19	26°21	27° 6	n.a.	M23
T 24	1 58 12	28°15'50	1♎ 6	11°19	11°53	3°35	8°45	6°54	20° 3	28°21	4°31	25° 9	26°18	27°13	n.a.	T 24
W25	2 2 9	29°16'38	14° 3	12°49	12°49	4° 2	8°57	6°55	20° 2	28°23	4°32	24°59	26°15	27°20	n.a.	W25
T 26	2 6 5	0♏17'26	26°48	14°19	13°45	4°30	9°10	6°57	20° 2	28°26	4°34	24°48	26°12	27°26	n.a.	T 26
F 27	2 10 2	1°18'17	9♏19	15°49	14°42	4°57	9°22	6°58	20° 2	28°28	4°35	24°39	26° 8	27°33	n.a.	F 27
S 28	2 13 59	2°19'08	21°37	17°18	15°40	5°24	9°34	7° 0	20° 1	28°30	4°37	24°32	26° 5	27°40	n.a.	S 28
S 29	2 17 55	3°20'01	3♐42	18°47	16°38	5°51	9°47	7° 1	20° 1	28°33	4°38	24°27	26° 2	27°46	n.a.	S 29
M30	2 21 52	4°20'55	15°38	20°16	17°37	6°18	10° 0	7° 3	20° 1	28°35	4°39	24°24	25°59	27°53	n.a.	M30
T 31	2 25 48	5♏21'50	27♐27	21♏44	18♍36	6♌44	10♐12	7♒ 5	20♒ 1	28♎37	4♍41	24°D24	25♊56	28♐ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	2s 3	16s49	2n38	1s28	0n42	10n54	2s50	23n 7	1n16	21s 8	0n 8	20s16	1s36	15s35	0s47	8s57	1n53	24n49	15n47	23n40	23n40	23s20			n.a.
M 2	2 27	20 10	1 40	2 13	0 36	10 53	2 40	23 3	1 17	21 10	0 8	20 17	1 35	15 35	0 47	8 58	1 53	24 48	15 48	23 40	23 40	23 21			n.a.
T 3	2 51	22 37	0 39	2 58	0 29	10 51	2 29	22 59	1 18	21 12	0 8	20 17	1 35	15 36	0 47	8 58	1 53	24 48	15 48	23 40	23 40	23 22			n.a.
W 4	3 15	24 4	0s23	3 43	0 23	10 48	2 19	22 54	1 19	21 14	0 8	20 17	1 35	15 36	0 47	8 59	1 52	24 48	15 48	23 40	23 40	23 23			n.a.
T 5	3 39	24 27	1 25	4 27	0 16	10 45	2 9	22 50	1 21	21 16	0 8	20 17	1 35	15 36	0 47	9 0	1 52	24 47	15 49	23 40	23 40	23 24			n.a.
F 6	4 3	23 42	2 23	5 11	0 9	10 41	1 59	22 45	1 22	21 18	0 8	20 17	1 35	15 37	0 47	9 1	1 52	24 47	15 49	23 40	23 40	23 26			n.a.
S 7	4 27	21 50	3 17	5 55	0 3	10 36	1 49	22 41	1 23	21 20	0 8	20 17	1 35	15 37	0 47	9 2	1 52	24 46	15 49	23 40	23 40	23 27			n.a.
S 8	4 50	18 54	4 2	6 38	0s 4	10 31	1 39	22 36	1 24	21 22	0 7	20 18	1 35	15 38	0 47	9 2	1 52	24 46	15 50	23 39	23 40	23 28			n.a.
M 9	5 14	14 59	4 36	7 21	0 10	10 25	1 30	22 31	1 25	21 24	0 7	20 18	1 35	15 38	0 47	9 3	1 52	24 45	15 50	23 39	23 40	23 29			n.a.
T 10	5 38	10 15	4 57	8 4	0 17	10 18	1 21	22 27	1 26	21 26	0 7	20 18	1 35	15 38	0 47	9 4	1 52	24 45	15 50	23 39	23 40	23 30			n.a.
W11	6 1	4 54	5 2	8 46	0 24	10 10	1 12	22 22	1 28	21 28	0 7	20 18	1 35	15 39	0 47	9 5	1 52	24 45	15 51	23 39	23 40	23 31			n.a.
T 12	6 25	0n50	4 49	9 27	0 30	10 2	1 3	22 17	1 29	21 30	0 7	20 18	1 35	15 39	0 47	9 6	1 52	24 44	15 51	23 38	23 40	23 32			n.a.
F 13	6 48	6 39	4 18	10 8	0 37	9 53	0 54	22 12	1 30	21 32	0 7	20 18	1 35	15 39	0 47	9 6	1 52	24 44	15 51	23 38	23 40	23 33			n.a.
S 14	7 12	12 12	3 31	10 49	0 43	9 44	0 46	22 7	1 31	21 34	0 7	20 17	1 34	15 39	0 47	9 7	1 52	24 44	15 52	23 38	23 39	23 34			n.a.
S 15	7 35	17 7	2 29	11 29	0 49	9 34	0 38	22 2	1 32	21 36	0 7	20 17	1 34	15 40	0 47	9 8	1 52	24 43	15 52	23 37	23 39	23 36			n.a.
M16	7 58	21 0	1 18	12 8	0 56	9 23	0 29	21 57	1 34	21 38	0 6	20 17	1 34	15 40	0 47	9 9	1 52	24 43	15 53	23 37	23 39	23 37			n.a.
T 17	8 21	23 34	0 3	12 47	1 2	9 12	0 22	21 52	1 35	21 40	0 6	20 17	1 34	15 40	0 47	9 10	1 52	24 43	15 53	23 37	23 39	23 38			n.a.
W18	8 44	24 34	1n13	13 25	1 8	9 0	0 14	21 46	1 36	21 42	0 6	20 17	1 34	15 40	0 47	9 11	1 52	24 43	15 53	23 37	23 39	23 39			n.a.
T 19	9 7	23 59	2 23	14 3	1 14	8 48	0 6	21 41	1 38	21 44	0 6	20 17	1 34	15 41	0 47	9 11	1 52	24 42	15 54	23 37	23 39	23 40			n.a.
F 20	9 29	21 55	3 24	14 39	1 20	8 35	0n 1	21 36	1 39	21 46	0 6	20 16	1 34	15 41	0 47	9 12	1 52	24 42	15 54	23 37	23 39	23 41			n.a.
S 21	9 52	18 36	4 12	15 16	1 25	8 21	0 8	21 31	1 40	21 48	0 6	20 16	1 34	15 41	0 46	9 13	1 52	24 42	15 55	23 37	23 39	23 42			n.a.
S 22	10 14	14 21	4 45	15 51	1 31	8 7	0 15	21 25	1 41	21 50	0 6	20 16	1 34	15 41	0 46	9 14	1 52	24 42	15 55	23 37	23 39	23 43			n.a.
M23	10 36	9 27	5 2	16 25	1 36	7 52	0 22	21 20	1 43	21 52	0 6	20 15	1 34	15 41	0 46	9 15	1 52	24 41	15 56	23 37	23 39	23 44			n.a.
T 24	10 58	4 11	5 3	16 59	1 41	7 37	0 28	21 15	1 44	21 54	0 5	20 15	1 34	15 41	0 46	9 15	1 52	24 41	15 56	23 36	23 39	23 45			n.a.
W25	11 20	1s11	4 48	17 32	1 46	7 21	0 35	21 10	1 45	21 56	0 5	20 15	1 33	15 41	0 46	9 16	1 52	24 41	15 56	23 36	23 39	23 46			n.a.
T 26	11 42	6 25	4 19	18 4	1 51	7 5	0 41	21 4	1 47	21 59	0 5	20 14	1 33	15 42	0 46	9 17	1 52	24 41	15 57	23 36	23 38	23 47			n.a.
F 27	12 3	11 18	3 38	18 35	1 55	6 48	0 47	20 59	1 48	22 1	0 5	20 14	1 33	15 42	0 46	9 18	1 52	24 41	15 57	23 35	23 38	23 48			n.a.
S 28	12 24	15 40	2 47	19 5	2 0	6 31	0 53	20 53	1 50	22 3	0 5	20 13	1 33	15 42	0 46	9 19	1 52	24 41	15 58	23 35	23 38	23 49			n.a.
S 29	12 46	19 20	1 49	19 35	2 4	6 13	0 58	20 48	1 51	22 5	0 5	20 13	1 33	15 42	0 46	9 19	1 52	24 41	15 58	23 35	23 38	23 50			n.a.
M30	13 6	22 8	0 47	20 3	2 7	5 55	1 4	20 43	1 52	22 7	0 5	20 12	1 33	15 42	0 46	9 20	1 52	24 41	15 59	23 35	23 38	23 51			n.a.
T 31	13s27	23s57	0s16	20s30	2s11	5n37	1n 9	20n37	1n54	22s 8	0n 5	20s12	1s33	15s42	0s46	9s21	1n52	24n40	15n59	23n35	23n38	23s52			n.a.

Julian Day Number = 1718043.5, Delta T = 02h57m22s
Ecliptic obliquity = 23°41'47, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°11'22, Lahiri = - 4°04'22 Julian Calendar 1 Oct. 10 BCE == Greg. Calendar 29 Sept. 010 BCE

The year -09 astronomical counting style corresponds to year 010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 10 BCE
geocentric

NOVEMBER 10 BCE (-9) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 29 45	6♏22'46	9♑13	23♏11	19♍36	7♌10	10♐25	7♒ 6	20°R 1	28♎39	4♍42	24♊25	25♊52	28♐ 6	n.a.	W 1
T 2	2 33 41	7°23'43	21° 1	24°38	20°36	7°36	10°38	7° 8	20°D 1	28°42	4°43	24°26	25°49	28°13	n.a.	T 2
F 3	2 37 38	8°24'41	2♒56	26° 4	21°37	8° 1	10°50	7°11	20♒ 1	28°44	4°45	24°R27	25°46	28°20	n.a.	F 3
S 4	2 41 35	9°25'40	15° 3	27°30	22°38	8°26	11° 3	7°13	20° 1	28°46	4°46	24°27	25°43	28°26	n.a.	S 4
S 5	2 45 31	10°26'40	27°28	28°54	23°39	8°51	11°16	7°15	20° 1	28°48	4°47	24°26	25°40	28°33	n.a.	S 5
M 6	2 49 28	11°27'40	10♓15	0♐17	24°41	9°16	11°29	7°17	20° 1	28°50	4°48	24°22	25°37	28°39	n.a.	M 6
T 7	2 53 24	12°28'41	23°28	1°39	25°43	9°41	11°42	7°20	20° 2	28°53	4°49	24°17	25°33	28°46	n.a.	T 7
W 8	2 57 21	13°29'43	7♈ 7	2°59	26°46	10° 5	11°55	7°23	20° 2	28°55	4°51	24°10	25°30	28°53	n.a.	W 8
T 9	3 1 17	14°30'46	21°13	4°18	27°49	10°28	12° 8	7°25	20° 2	28°57	4°52	24° 4	25°27	28°59	n.a.	T 9
F 10	3 5 14	15°31'49	5♉41	5°34	28°52	10°52	12°21	7°28	20° 3	28°59	4°53	23°57	25°24	29° 6	n.a.	F 10
S 11	3 9 10	16°32'54	20°26	6°48	29°56	11°15	12°35	7°31	20° 3	29° 1	4°54	23°53	25°21	29°13	n.a.	S 11
S 12	3 13 7	17°33'59	5♊20	7°59	1♎ 0	11°38	12°48	7°34	20° 4	29° 4	4°55	23°49	25°18	29°19	n.a.	S 12
M13	3 17 4	18°35'05	20°15	9° 7	2° 4	12° 1	13° 1	7°37	20° 4	29° 6	4°56	23°D48	25°14	29°26	n.a.	M13
T 14	3 21 0	19°36'13	5♋ 2	10°11	3° 9	12°23	13°15	7°40	20° 5	29° 8	4°57	23°48	25°11	29°33	n.a.	T 14
W15	3 24 57	20°37'21	19°36	11°12	4°14	12°45	13°28	7°43	20° 5	29°10	4°57	23°50	25° 8	29°39	n.a.	W15
T 16	3 28 53	21°38'30	3♌54	12° 7	5°19	13° 6	13°41	7°47	20° 6	29°12	4°58	23°51	25° 5	29°46	n.a.	T 16
F 17	3 32 50	22°39'40	17°52	12°56	6°25	13°28	13°55	7°50	20° 7	29°14	4°59	23°R52	25° 2	29°53	n.a.	F 17
S 18	3 36 46	23°40'51	1♍32	13°39	7°31	13°49	14° 8	7°54	20° 8	29°16	5° 0	23°52	24°58	29°59	n.a.	S 18
S 19	3 40 43	24°42'03	14°54	14°15	8°37	14° 9	14°22	7°57	20° 9	29°19	5° 1	23°51	24°55	0♑ 6	n.a.	S 19
M20	3 44 39	25°43'15	28° 0	14°43	9°43	14°29	14°36	8° 1	20° 9	29°21	5° 1	23°48	24°52	0°13	n.a.	M20
T 21	3 48 36	26°44'29	10♎50	15° 1	10°50	14°49	14°49	8° 5	20°10	29°23	5° 2	23°44	24°49	0°19	n.a.	T 21
W22	3 52 33	27°45'43	23°28	15°R10	11°57	15° 8	15° 3	8° 9	20°11	29°25	5° 3	23°39	24°46	0°26	n.a.	W22
T 23	3 56 29	28°46'57	5♏53	15° 8	13° 4	15°27	15°17	8°13	20°12	29°27	5° 3	23°35	24°43	0°32	n.a.	T 23
F 24	4 0 26	29°48'12	18° 7	14°55	14°11	15°46	15°30	8°17	20°14	29°29	5° 4	23°31	24°39	0°39	n.a.	F 24
S 25	4 4 22	0♐49'28	0♐12	14°30	15°19	16° 4	15°44	8°21	20°15	29°31	5° 4	23°28	24°36	0°46	n.a.	S 25
S 26	4 8 19	1°50'44	12° 9	13°53	16°26	16°21	15°58	8°25	20°16	29°33	5° 5	23°26	24°33	0°52	n.a.	S 26
M27	4 12 15	2°52'00	24° 0	13° 5	17°34	16°39	16°12	8°30	20°17	29°35	5° 5	23°D25	24°30	0°59	n.a.	M27
T 28	4 16 12	3°53'16	5♑47	12° 7	18°42	16°55	16°26	8°34	20°19	29°37	5° 6	23°26	24°27	1° 6	n.a.	T 28
W29	4 20 8	4°54'33	17°34	10°59	19°51	17°12	16°39	8°39	20°20	29°39	5° 6	23°27	24°24	1°12	n.a.	W29
T 30	4 24 5	5♐55'49	29♑22	9♐44	20♎59	17♌27	16♐53	8♒43	20♒21	29♎41	5♍ 7	23♊29	24♊20	1♑19	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13s47	24s41	1s19	20s55	2s14	5n18	1n14	20n32	1n55	22s10	0n 5	20s11	1s33	15s42	0s46	9s22	1n52	24n40	16n 0	23n35	23n38	23s53		n.a.
T 2	14 8	24 19	2 19	21 20	2 16	4 58	1 19	20 27	1 57	22 12	0 4	20 11	1 33	15 42	0 46	9 23	1 52	24 40	16 0	23 35	23 38	23 54		n.a.
F 3	14 28	22 51	3 13	21 43	2 19	4 39	1 24	20 21	1 58	22 14	0 4	20 10	1 33	15 42	0 46	9 23	1 52	24 40	16 1	23 35	23 38	23 55		n.a.
S 4	14 47	20 19	4 0	22 5	2 21	4 19	1 29	20 16	2 0	22 16	0 4	20 9	1 33	15 42	0 46	9 24	1 52	24 40	16 1	23 35	23 38	23 56		n.a.
S 5	15 7	16 48	4 37	22 26	2 22	3 58	1 33	20 11	2 1	22 18	0 4	20 9	1 32	15 41	0 46	9 25	1 52	24 40	16 2	23 35	23 37	23 57		n.a.
M 6	15 26	12 26	5 1	22 45	2 23	3 37	1 37	20 6	2 3	22 20	0 4	20 8	1 32	15 41	0 46	9 26	1 52	24 40	16 2	23 35	23 37	23 58		n.a.
T 7	15 45	7 21	5 10	23 3	2 23	3 16	1 41	20 1	2 4	22 22	0 4	20 7	1 32	15 41	0 46	9 27	1 52	24 40	16 3	23 34	23 37	23 59		n.a.
W 8	16 4	1 46	5 2	23 19	2 23	2 54	1 45	19 55	2 6	22 24	0 4	20 7	1 32	15 41	0 46	9 27	1 52	24 40	16 3	23 34	23 37	24 0		n.a.
T 9	16 22	4n 6	4 36	23 33	2 22	2 33	1 49	19 50	2 7	22 26	0 4	20 6	1 32	15 41	0 46	9 28	1 52	24 41	16 4	23 34	23 37	24 1		n.a.
F 10	16 40	9 55	3 52	23 46	2 21	2 10	1 53	19 45	2 9	22 28	0 4	20 5	1 32	15 41	0 46	9 29	1 52	24 41	16 4	23 33	23 37	24 2		n.a.
S 11	16 58	15 17	2 52	23 57	2 18	1 48	1 56	19 40	2 10	22 29	0 3	20 4	1 32	15 41	0 46	9 30	1 52	24 41	16 5	23 33	23 37	24 3		n.a.
S 12	17 15	19 48	1 39	24 6	2 15	1 25	1 59	19 35	2 12	22 31	0 3	20 3	1 32	15 40	0 46	9 30	1 52	24 41	16 6	23 33	23 37	24 3		n.a.
M13	17 32	23 1	0 19	24 13	2 12	1 2	2 2	19 31	2 14	22 33	0 3	20 2	1 32	15 40	0 46	9 31	1 52	24 41	16 6	23 33	23 37	24 4		n.a.
T 14	17 49	24 37	1n 1	24 18	2 7	0 39	2 5	19 26	2 15	22 35	0 3	20 1	1 32	15 40	0 46	9 32	1 52	24 41	16 7	23 33	23 36	24 5		n.a.
W15	18 6	24 30	2 17	24 21	2 1	0 15	2 8	19 21	2 17	22 37	0 3	20 0	1 32	15 40	0 46	9 33	1 52	24 41	16 7	23 33	23 36	24 6		n.a.
T 16	18 22	22 45	3 22	24 22	1 54	0s 8	2 11	19 16	2 19	22 38	0 3	20 0	1 31	15 39	0 46	9 33	1 53	24 41	16 8	23 33	23 36	24 7		n.a.
F 17	18 38	19 40	4 14	24 21	1 46	0 32	2 13	19 12	2 20	22 40	0 3	19 59	1 31	15 39	0 45	9 34	1 53	24 42	16 8	23 33	23 36	24 8		n.a.
S 18	18 54	15 33	4 50	24 17	1 37	0 56	2 16	19 7	2 22	22 42	0 3	19 58	1 31	15 39	0 45	9 35	1 53	24 42	16 9	23 33	23 36	24 9		n.a.
S 19	19 9	10 45	5 10	24 11	1 26	1 21	2 18	19 3	2 24	22 44	0 3	19 56	1 31	15 39	0 45	9 36	1 53	24 42	16 9	23 33	23 36	24 10		n.a.
M20	19 24	5 35	5 13	24 3	1 14	1 45	2 20	18 59	2 25	22 45	0 2	19 55	1 31	15 38	0 45	9 36	1 53	24 42	16 10	23 33	23 36	24 11		n.a.
T 21	19 38	0 15	5 0	23 52	1 1	2 10	2 22	18 54	2 27	22 47	0 2	19 54	1 31	15 38	0 45	9 37	1 53	24 43	16 11	23 33	23 36	24 11		n.a.
W22	19 52	4s59	4 32	23 38	0 47	2 34	2 24	18 50	2 29	22 49	0 2	19 53	1 31	15 38	0 45	9 38	1 53	24 43	16 11	23 33	23 35	24 12		n.a.
T 23	20 6	9 58	3 53	23 22	0 31	2 59	2 25	18 46	2 31	22 50	0 2	19 52	1 31	15 37	0 45	9 38	1 53	24 43	16 12	23 32	23 35	24 13		n.a.
F 24	20 20	14 29	3 3	23 3	0 14	3 24	2 27	18 42	2 33	22 52	0 2	19 51	1 31	15 37	0 45	9 39	1 53	24 43	16 12	23 32	23 35	24 14		n.a.
S 25	20 33	18 23	2 5	22 42	0n 5	3 49	2 28	18 39	2 34	22 53	0 2	19 50	1 31	15 36	0 45	9 40	1 53	24 44	16 13	23 32	23 35	24 15		n.a.
S 26	20 45	21 28	1 2	22 19	0 24	4 14	2 29	18 35	2 36	22 55	0 2	19 49	1 31	15 36	0 45	9 40	1 53	24 44	16 13	23 32	23 35	24 16		n.a.
M27	20 57	23 37	0s 3	21 53	0 44	4 40	2 30	18 32	2 38	22 57	0 2	19 47	1 31	15 35	0 45	9 41	1 53	24 44	16 14	23 32	23 35	24 17		n.a.
T 28	21 9	24 42	1 8	21 26	1 4	5 5	2 31	18 28	2 40	22 58	0 2	19 46	1 31	15 35	0 45	9 42	1 53	24 45	16 14	23 32	23 35	24 17		n.a.
W29	21 21	24 40	2 10	20 57	1 24	5 30	2 32	18 25	2 42	23 0	0 1	19 45	1 30	15 35	0 45	9 42	1 53	24 45	16 15	23 32	23 35	24 18		n.a.
T 30	21s32	23s32	3s 6	20s27	1n43	5s55	2n32	18n22	2n44	23s 1	0n 1	19s44	1s30	15s34	0s45	9s43	1n53	24n45	16n16	23n32	23n34	24s19		n.a.

Julian Day Number = 1718074.5, Delta T = 02h57m21s
Ecliptic obliquity = 23°41'47, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°11'18, Lahiri = - 4°04'17 Julian Calendar 1 Nov. 10 BCE == Greg. Calendar 30 Oct. 010 BCE

The year -09 astronomical counting style corresponds to year 010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 10 BCE
geocentric

DECEMBER 10 BCE (-9) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 28 2	6♐57'05	11♒18	8°R25	22♎ 8	17♌43	17♐ 7	8♒48	20♒23	29♎42	5♍ 7	23♊30	24♊17	1♉26	n.a.	F 1
S 2	4 31 58	7°58'21	23°23	7♐ 3	23°17	17°58	17°21	8°53	20°24	29°44	5° 7	23°32	24°14	1°32	n.a.	S 2
S 3	4 35 55	8°59'37	5♓45	5°42	24°26	18°12	17°35	8°57	20°26	29°46	5° 8	23°R32	24°11	1°39	n.a.	S 3
M 4	4 39 51	10° 0'52	18°26	4°24	25°35	18°26	17°49	9° 2	20°27	29°48	5° 8	23°32	24° 8	1°46	n.a.	M 4
T 5	4 43 48	11° 2'07	1♈31	3°12	26°44	18°39	18° 3	9° 7	20°29	29°50	5° 8	23°31	24° 4	1°52	n.a.	T 5
W 6	4 47 44	12° 3'22	15° 2	2° 7	27°54	18°52	18°17	9°12	20°31	29°52	5° 8	23°30	24° 1	1°59	n.a.	W 6
T 7	4 51 41	13° 4'36	29° 2	1°10	29° 3	19° 4	18°31	9°17	20°32	29°53	5° 8	23°29	23°58	2° 5	n.a.	T 7
F 8	4 55 37	14° 5'50	13♉29	0°24	0♏13	19°16	18°45	9°23	20°34	29°55	5° 8	23°27	23°55	2°12	n.a.	F 8
S 9	4 59 34	15° 7'04	28°18	29♏47	1°23	19°27	18°59	9°28	20°36	29°57	5° 9	23°26	23°52	2°19	n.a.	S 9
S 10	5 3 31	16° 8'17	13♊23	29°20	2°33	19°37	19°13	9°33	20°38	29°59	5°R 9	23°26	23°49	2°25	n.a.	S 10
M11	5 7 27	17° 9'30	28°35	29° 4	3°43	19°47	19°27	9°39	20°40	0♏ 0	5° 9	23°D26	23°45	2°32	n.a.	M11
T 12	5 11 24	18°10'43	13♋44	28°D57	4°53	19°57	19°41	9°44	20°42	0° 2	5° 9	23°26	23°42	2°39	n.a.	T 12
W13	5 15 20	19°11'55	28°42	28°59	6° 3	20° 6	19°55	9°50	20°44	0° 4	5° 8	23°27	23°39	2°45	n.a.	W13
T 14	5 19 17	20°13'08	13♌20	29° 9	7°14	20°14	20° 9	9°55	20°46	0° 5	5° 8	23°27	23°36	2°52	n.a.	T 14
F 15	5 23 13	21°14'20	27°35	29°27	8°25	20°21	20°23	10° 1	20°48	0° 7	5° 8	23°27	23°33	2°59	n.a.	F 15
S 16	5 27 10	22°15'31	11♍25	29°51	9°35	20°28	20°37	10° 7	20°50	0° 8	5° 8	23°27	23°30	3° 5	n.a.	S 16
S 17	5 31 7	23°16'43	24°49	0♐22	10°46	20°34	20°51	10°12	20°52	0°10	5° 8	23°27	23°26	3°12	n.a.	S 17
M18	5 35 3	24°17'54	7♎51	0°59	11°57	20°40	21° 5	10°18	20°54	0°11	5° 8	23°27	23°23	3°19	n.a.	M18
T 19	5 39 0	25°19'05	20°32	1°41	13° 8	20°45	21°19	10°24	20°57	0°13	5° 7	23°27	23°20	3°25	n.a.	T 19
W20	5 42 56	26°20'16	2♏57	2°28	14°19	20°49	21°33	10°30	20°59	0°14	5° 7	23°28	23°17	3°32	n.a.	W20
T 21	5 46 53	27°21'26	15° 8	3°18	15°30	20°53	21°47	10°36	21° 1	0°16	5° 7	23°28	23°14	3°39	n.a.	T 21
F 22	5 50 49	28°22'35	27°10	4°13	16°42	20°55	22° 1	10°42	21° 4	0°17	5° 6	23°29	23°10	3°45	n.a.	F 22
S 23	5 54 46	29°23'44	9♐ 4	5°11	17°53	20°57	22°15	10°48	21° 6	0°19	5° 6	23°29	23° 7	3°52	n.a.	S 23
S 24	5 58 42	0♑24'53	20°54	6°11	19° 4	20°59	22°29	10°55	21° 8	0°20	5° 5	23°R29	23° 4	3°59	n.a.	S 24
M25	6 2 39	1°26'00	2♑41	7°15	20°16	20°R59	22°43	11° 1	21°11	0°21	5° 5	23°29	23° 1	4° 5	n.a.	M25
T 26	6 6 36	2°27'07	14°29	8°21	21°28	20°59	22°57	11° 7	21°13	0°23	5° 4	23°29	22°58	4°12	n.a.	T 26
W27	6 10 32	3°28'12	26°18	9°30	22°39	20°58	23°11	11°13	21°16	0°24	5° 4	23°27	22°55	4°18	n.a.	W27
T 28	6 14 29	4°29'17	8♒12	10°40	23°51	20°56	23°25	11°20	21°18	0°25	5° 3	23°26	22°51	4°25	n.a.	T 28
F 29	6 18 25	5°30'20	20°12	11°52	25° 3	20°54	23°39	11°26	21°21	0°26	5° 3	23°24	22°48	4°32	n.a.	F 29
S 30	6 22 22	6°31'23	2♓22	13° 6	26°15	20°51	23°53	11°33	21°24	0°28	5° 2	23°22	22°45	4°38	n.a.	S 30
S 31	6 26 18	7♑32'24	14♓45	14♐22	27♏27	20♌47	24♐ 7	11♒39	21♒26	0♏29	5♍ 1	23♊21	22♊42	4♉45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21 s42	21 s20	3 s55	19 s57	2n 2	6 s21	2n33	18n19	2n46	23 s 3	0n 1	19 s42	1 s30	15 s34	0 s45	9 s44	1n53	24n46	16n16	23n32	23n34	24 s20		n.a.
S 2	21 52	18 11	4 35	19 27	2 18	6 46	2 33	18 16	2 48	23 4	0 1	19 41	1 30	15 33	0 45	9 44	1 53	24 46	16 17	23 32	23 34	24 21		n.a.
S 3	22 2	14 10	5 2	18 59	2 33	7 11	2 34	18 13	2 50	23 6	0 1	19 40	1 30	15 33	0 45	9 45	1 53	24 47	16 17	23 32	23 34	24 21		n.a.
M 4	22 11	9 28	5 16	18 32	2 45	7 37	2 34	18 11	2 52	23 7	0 1	19 38	1 30	15 32	0 45	9 46	1 53	24 47	16 18	23 32	23 34	24 22		n.a.
T 5	22 20	4 11	5 14	18 9	2 56	8 2	2 34	18 9	2 54	23 8	0 1	19 37	1 30	15 31	0 45	9 46	1 53	24 48	16 19	23 32	23 34	24 23		n.a.
W 6	22 29	1n27	4 55	17 49	3 3	8 27	2 34	18 7	2 56	23 10	0 1	19 35	1 30	15 31	0 45	9 47	1 53	24 48	16 19	23 32	23 34	24 24		n.a.
T 7	22 37	7 13	4 18	17 32	3 9	8 52	2 33	18 5	2 58	23 11	0 1	19 34	1 30	15 30	0 45	9 47	1 53	24 48	16 20	23 32	23 33	24 24		n.a.
F 8	22 44	12 48	3 24	17 20	3 12	9 17	2 33	18 3	3 0	23 12	0 1	19 32	1 30	15 30	0 45	9 48	1 53	24 49	16 20	23 32	23 33	24 25		n.a.
S 9	22 51	17 48	2 15	17 11	3 13	9 42	2 33	18 1	3 2	23 14	0 0	19 31	1 30	15 29	0 45	9 49	1 53	24 49	16 21	23 32	23 33	24 26		n.a.
S 10	22 58	21 44	0 56	17 6	3 12	10 6	2 32	18 0	3 4	23 15	0 0	19 29	1 30	15 28	0 45	9 49	1 53	24 50	16 21	23 32	23 33	24 27		n.a.
M11	23 4	24 10	0n29	17 5	3 10	10 31	2 31	17 59	3 6	23 16	0 0	19 28	1 30	15 28	0 45	9 50	1 53	24 50	16 22	23 32	23 33	24 28		n.a.
T 12	23 10	24 49	1 51	17 7	3 6	10 55	2 31	17 58	3 8	23 17	0 0	19 26	1 30	15 27	0 45	9 50	1 53	24 51	16 23	23 32	23 33	24 28		n.a.
W13	23 15	23 38	3 4	17 12	3 1	11 20	2 30	17 57	3 10	23 18	0 0	19 25	1 30	15 26	0 45	9 51	1 53	24 52	16 23	23 32	23 33	24 29		n.a.
T 14	23 20	20 53	4 4	17 20	2 55	11 44	2 29	17 56	3 13	23 20	0 s 0	19 23	1 30	15 26	0 45	9 51	1 53	24 52	16 24	23 32	23 32	24 30		n.a.
F 15	23 24	16 55	4 46	17 30	2 49	12 8	2 28	17 56	3 15	23 21	0 0	19 22	1 29	15 25	0 45	9 52	1 54	24 53	16 24	23 32	23 32	24 30		n.a.
S 16	23 28	12 9	5 11	17 43	2 41	12 31	2 27	17 56	3 17	23 22	0 0	19 20	1 29	15 24	0 44	9 52	1 54	24 53	16 25	23 32	23 32	24 31		n.a.
S 17	23 31	6 56	5 18	17 57	2 34	12 55	2 25	17 56	3 19	23 23	0 0	19 18	1 29	15 24	0 44	9 53	1 54	24 54	16 25	23 32	23 32	24 32		n.a.
M18	23 34	1 34	5 8	18 12	2 25	13 18	2 24	17 56	3 21	23 24	0 1	19 17	1 29	15 23	0 44	9 53	1 54	24 54	16 26	23 32	23 32	24 33		n.a.
T 19	23 37	3 s44	4 43	18 29	2 17	13 41	2 23	17 56	3 23	23 25	0 1	19 15	1 29	15 22	0 44	9 54	1 54	24 55	16 26	23 32	23 32	24 33		n.a.
W20	23 39	8 47	4 6	18 47	2 8	14 4	2 21	17 57	3 26	23 26	0 1	19 13	1 29	15 21	0 44	9 54	1 54	24 56	16 27	23 32	23 31	24 34		n.a.
T 21	23 40	13 24	3 18	19 6	1 59	14 26	2 19	17 58	3 28	23 27	0 1	19 12	1 29	15 21	0 44	9 55	1 54	24 56	16 28	23 32	23 31	24 35		n.a.
F 22	23 41	17 27	2 21	19 25	1 50	14 48	2 18	17 59	3 30	23 28	0 1	19 10	1 29	15 20	0 44	9 55	1 54	24 57	16 28	23 32	23 31	24 35		n.a.
S 23	23 42	20 44	1 19	19 45	1 41	15 10	2 16	18 1	3 32	23 29	0 1	19 8	1 29	15 19	0 44	9 56	1 54	24 58	16 29	23 32	23 31	24 36		n.a.
S 24	23 42	23 8	0 14	20 4	1 31	15 32	2 14	18 2	3 35	23 30	0 1	19 7	1 29	15 18	0 44	9 56	1 54	24 58	16 29	23 32	23 31	24 37		n.a.
M25	23 41	24 31	0 s51	20 24	1 22	15 53	2 12	18 4	3 37	23 31	0 1	19 5	1 29	15 17	0 44	9 56	1 54	24 59	16 30	23 32	23 31	24 37		n.a.
T 26	23 40	24 47	1 54	20 44	1 13	16 14	2 10	18 6	3 39	23 32	0 1	19 3	1 29	15 16	0 44	9 57	1 54	25 0	16 30	23 32	23 30	24 38		n.a.
W27	23 39	23 56	2 52	21 4	1 4	16 34	2 8	18 9	3 41	23 33	0 1	19 1	1 29	15 16	0 44	9 57	1 54	25 0	16 31	23 32	23 30	24 39		n.a.
T 28	23 37	22 0	3 44	21 23	0 55	16 54	2 6	18 11	3 43	23 33	0 2	18 59	1 29	15 15	0 44	9 58	1 54	25 1	16 31	23 32	23 30	24 39		n.a.
F 29	23 35	19 5	4 25	21 42	0 46	17 14	2 3	18 14	3 46	23 34	0 2	18 58	1 29	15 14	0 44	9 58	1 54	25 2	16 32	23 32	23 30	24 40		n.a.
S 30	23 32	15 20	4 56	22 0	0 37	17 34	2 1	18 17	3 48	23 35	0 2	18 56	1 29	15 13	0 44	9 58	1 54	25 2	16 32	23 32	23 30	24 41		n.a.
S 31	23 s29	10 s52	5 s13	22 s18	0n28	17 s52	1n59	18n21	3n50	23 s36	0 s 2	18 s54	1 s29	15 s12	0 s44	9 s59	1n54	25n 3	16n33	23n32	23n30	24 s41		n.a.

Julian Day Number = 1718104.5, Delta T = 02h57m21s
Ecliptic obliquity = 23°41'46, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°11'14, Lahiri = - 4°04'13 Julian Calendar 1 Dec. 10 BCE == Greg. Calendar 29 Nov. 010 BCE

The year -09 astronomical counting style corresponds to year 010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 9 BCE
geocentric

JANUARY 9 BCE (-8) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 30 15	8♉33'23	27♓24	15♐39	28♏39	20°R42	24♐21	11♒46	21♒29	0♏30	5°R 1	23°R20	22♊39	4♉52	n.a.	M 1
T 2	6 34 11	9°34'21	10♈22	16°57	29°51	20♌36	24°34	11°53	21°32	0°31	5♍ 0	23°D19	22°36	4°58	n.a.	T 2
W 3	6 38 8	10°35'18	23°43	18°17	1♐ 3	20°30	24°48	11°59	21°35	0°32	4°59	23♊20	22°32	5° 5	n.a.	W 3
T 4	6 42 5	11°36'13	7♉29	19°38	2°15	20°23	25° 2	12° 6	21°37	0°33	4°58	23°21	22°29	5°12	n.a.	T 4
F 5	6 46 1	12°37'07	21°41	21° 0	3°27	20°15	25°16	12°13	21°40	0°34	4°58	23°22	22°26	5°18	n.a.	F 5
S 6	6 49 58	13°37'59	6♊18	22°23	4°39	20° 6	25°29	12°20	21°43	0°35	4°57	23°23	22°23	5°25	n.a.	S 6
S 7	6 53 54	14°38'50	21°14	23°48	5°51	19°57	25°43	12°26	21°46	0°36	4°56	23°R24	22°20	5°32	n.a.	S 7
M 8	6 57 51	15°39'40	6♋25	25°13	7° 4	19°46	25°57	12°33	21°49	0°37	4°55	23°24	22°16	5°38	n.a.	M 8
T 9	7 1 47	16°40'28	21°40	26°39	8°16	19°35	26°10	12°40	21°52	0°38	4°54	23°22	22°13	5°45	n.a.	T 9
W10	7 5 44	17°41'14	6♌49	28° 6	9°29	19°23	26°24	12°47	21°55	0°38	4°53	23°19	22°10	5°52	n.a.	W10
T 11	7 9 41	18°42'00	21°42	29°34	10°41	19°11	26°38	12°54	21°58	0°39	4°52	23°16	22° 7	5°58	n.a.	T 11
F 12	7 13 37	19°42'44	6♍13	1♉ 3	11°53	18°57	26°51	13° 1	22° 1	0°40	4°51	23°12	22° 4	6° 5	n.a.	F 12
S 13	7 17 34	20°43'26	20°17	2°33	13° 6	18°43	27° 5	13° 8	22° 4	0°41	4°50	23° 8	22° 1	6°12	n.a.	S 13
S 14	7 21 30	21°44'08	3♎52	4° 4	14°19	18°28	27°18	13°15	22° 7	0°42	4°49	23° 6	21°57	6°18	n.a.	S 14
M15	7 25 27	22°44'48	16°59	5°35	15°31	18°13	27°31	13°22	22°10	0°42	4°48	23° 4	21°54	6°25	n.a.	M15
T 16	7 29 23	23°45'27	29°41	7° 8	16°44	17°56	27°45	13°29	22°13	0°43	4°47	23°D 4	21°51	6°31	n.a.	T 16
W17	7 33 20	24°46'05	12♏ 3	8°41	17°57	17°40	27°58	13°36	22°16	0°43	4°46	23° 6	21°48	6°38	n.a.	W17
T 18	7 37 16	25°46'41	24° 9	10°15	19° 9	17°22	28°11	13°44	22°19	0°44	4°44	23° 7	21°45	6°45	n.a.	T 18
F 19	7 41 13	26°47'16	6♐ 4	11°51	20°22	17° 4	28°25	13°51	22°22	0°45	4°43	23° 9	21°42	6°51	n.a.	F 19
S 20	7 45 10	27°47'50	17°53	13°27	21°35	16°45	28°38	13°58	22°26	0°45	4°42	23°R10	21°38	6°58	n.a.	S 20
S 21	7 49 6	28°48'22	29°39	15° 4	22°48	16°25	28°51	14° 5	22°29	0°46	4°41	23°10	21°35	7° 5	n.a.	S 21
M22	7 53 3	29°48'52	11♉26	16°41	24° 0	16° 5	29° 4	14°13	22°32	0°46	4°40	23° 8	21°32	7°11	n.a.	M22
T 23	7 56 59	0♒49'21	23°16	18°20	25°13	15°45	29°17	14°20	22°35	0°46	4°38	23° 5	21°29	7°18	n.a.	T 23
W24	8 0 56	1°49'48	5♒12	20° 0	26°26	15°24	29°30	14°27	22°39	0°47	4°37	22°59	21°26	7°25	n.a.	W24
T 25	8 4 52	2°50'14	17°15	21°40	27°39	15° 2	29°43	14°34	22°42	0°47	4°36	22°52	21°22	7°31	n.a.	T 25
F 26	8 8 49	3°50'37	29°27	23°22	28°52	14°40	29°56	14°42	22°45	0°47	4°34	22°44	21°19	7°38	n.a.	F 26
S 27	8 12 45	4°50'59	11♓48	25° 4	0♉ 5	14°18	0♉ 9	14°49	22°48	0°48	4°33	22°36	21°16	7°45	n.a.	S 27
S 28	8 16 42	5°51'18	24°21	26°48	1°18	13°55	0°21	14°56	22°52	0°48	4°32	22°29	21°13	7°51	n.a.	S 28
M29	8 20 39	6°51'36	7♈ 7	28°32	2°31	13°32	0°34	15° 4	22°55	0°48	4°30	22°24	21°10	7°58	n.a.	M29
T 30	8 24 35	7°51'51	20° 7	0♒18	3°44	13° 9	0°47	15°11	22°58	0°48	4°29	22°20	21° 7	8° 5	n.a.	T 30
W31	8 28 32	8♒52'04	3♉24	2♒ 5	4♉57	12♌46	0♉59	15♒19	23♒ 2	0♏48	4♍27	22°D18	21♊ 3	8♉11	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s25	5s52	5s16	22s35	0n20	18s11	1n56	18n25	3n52	23s36	0s 2	18s52	1s29	15s11	0s44	9s59	1n54	25n 4	16n33	23n32	23n29	24s42		n.a.
T 2	23 21	0 29	5 3	22 52	0 11	18 29	1 54	18 28	3 54	23 37	0 2	18 50	1 29	15 10	0 44	9 59	1 54	25 5	16 34	23 32	23 29	24 42		n.a.
W 3	23 16	5n 4	4 33	23 7	0 3	18 46	1 51	18 33	3 57	23 38	0 2	18 48	1 29	15 9	0 44	10 0	1 55	25 5	16 34	23 32	23 29	24 43		n.a.
T 4	23 11	10 34	3 48	23 22	0s 5	19 4	1 49	18 37	3 59	23 38	0 2	18 46	1 29	15 8	0 44	10 0	1 55	25 6	16 35	23 32	23 29	24 44		n.a.
F 5	23 5	15 42	2 47	23 36	0 13	19 20	1 46	18 41	4 1	23 39	0 2	18 44	1 29	15 8	0 44	10 0	1 55	25 7	16 35	23 32	23 29	24 44		n.a.
S 6	22 59	20 4	1 33	23 49	0 20	19 36	1 43	18 46	4 3	23 40	0 3	18 42	1 29	15 7	0 44	10 1	1 55	25 8	16 36	23 32	23 28	24 45		n.a.
S 7	22 53	23 12	0 12	24 1	0 28	19 52	1 40	18 51	4 5	23 40	0 3	18 40	1 29	15 6	0 44	10 1	1 55	25 8	16 36	23 32	23 28	24 45		n.a.
M 8	22 46	24 44	1n11	24 12	0 35	20 7	1 38	18 57	4 7	23 41	0 3	18 38	1 29	15 5	0 44	10 1	1 55	25 9	16 37	23 32	23 28	24 46		n.a.
T 9	22 39	24 24	2 30	24 21	0 42	20 22	1 35	19 2	4 9	23 41	0 3	18 36	1 29	15 4	0 44	10 1	1 55	25 10	16 37	23 32	23 28	24 47		n.a.
W10	22 31	22 16	3 37	24 30	0 49	20 36	1 32	19 8	4 11	23 42	0 3	18 34	1 29	15 3	0 44	10 2	1 55	25 11	16 38	23 32	23 28	24 47		n.a.
T 11	22 23	18 39	4 28	24 37	0 55	20 49	1 29	19 13	4 13	23 42	0 3	18 32	1 29	15 2	0 44	10 2	1 55	25 12	16 38	23 31	23 28	24 48		n.a.
F 12	22 14	13 58	5 1	24 43	1 2	21 2	1 26	19 20	4 15	23 43	0 3	18 30	1 29	15 1	0 44	10 2	1 55	25 12	16 39	23 31	23 27	24 48		n.a.
S 13	22 5	8 41	5 14	24 48	1 8	21 14	1 23	19 26	4 16	23 43	0 3	18 28	1 29	15 0	0 44	10 2	1 55	25 13	16 39	23 31	23 27	24 49		n.a.
S 14	21 55	3 10	5 9	24 52	1 14	21 26	1 20	19 32	4 18	23 44	0 3	18 26	1 29	14 59	0 44	10 2	1 55	25 14	16 39	23 31	23 27	24 49		n.a.
M15	21 45	2s19	4 47	24 54	1 19	21 37	1 17	19 39	4 20	23 44	0 4	18 24	1 29	14 58	0 44	10 3	1 55	25 15	16 40	23 31	23 27	24 50		n.a.
T 16	21 35	7 33	4 13	24 54	1 25	21 48	1 14	19 45	4 21	23 44	0 4	18 22	1 29	14 57	0 44	10 3	1 55	25 16	16 40	23 31	23 27	24 50		n.a.
W17	21 24	12 20	3 27	24 54	1 29	21 58	1 11	19 52	4 23	23 45	0 4	18 20	1 29	14 56	0 44	10 3	1 55	25 16	16 41	23 31	23 26	24 51		n.a.
T 18	21 13	16 33	2 32	24 52	1 34	22 7	1 8	19 59	4 24	23 45	0 4	18 18	1 29	14 54	0 44	10 3	1 55	25 17	16 41	23 31	23 26	24 51		n.a.
F 19	21 1	20 2	1 32	24 48	1 39	22 16	1 5	20 6	4 26	23 45	0 4	18 16	1 29	14 53	0 44	10 3	1 56	25 18	16 41	23 31	23 26	24 52		n.a.
S 20	20 49	22 39	0 29	24 43	1 43	22 24	1 1	20 13	4 27	23 45	0 4	18 14	1 29	14 52	0 44	10 3	1 56	25 19	16 42	23 31	23 26	24 52		n.a.
S 21	20 37	24 17	0s35	24 36	1 46	22 32	0 58	20 21	4 28	23 46	0 4	18 12	1 29	14 51	0 44	10 3	1 56	25 20	16 42	23 31	23 26	24 53		n.a.
M22	20 24	24 50	1 38	24 27	1 50	22 38	0 55	20 28	4 30	23 46	0 4	18 10	1 29	14 50	0 44	10 3	1 56	25 21	16 43	23 31	23 25	24 53		n.a.
T 23	20 11	24 14	2 37	24 17	1 53	22 45	0 52	20 35	4 31	23 46	0 4	18 8	1 29	14 49	0 44	10 4	1 56	25 21	16 43	23 31	23 25	24 54		n.a.
W24	19 58	22 33	3 29	24 6	1 56	22 50	0 49	20 42	4 32	23 46	0 5	18 5	1 29	14 48	0 44	10 4	1 56	25 22	16 43	23 30	23 25	24 54		n.a.
T 25	19 44	19 49	4 12	23 52	1 58	22 55	0 46	20 50	4 32	23 46	0 5	18 3	1 29	14 47	0 44	10 4	1 56	25 23	16 44	23 30	23 25	24 55		n.a.
F 26	19 30	16 13	4 44	23 37	2 0	22 59	0 42	20 57	4 33	23 47	0 5	18 1	1 29	14 46	0 44	10 4	1 56	25 24	16 44	23 30	23 25	24 55		n.a.
S 27	19 15	11 53	5 4	23 20	2 1	23 3	0 39	21 5	4 34	23 47	0 5	17 59	1 29	14 45	0 44	10 4	1 56	25 25	16 44	23 29	23 24	24 56		n.a.
S 28	19 1	6 59	5 9	23 2	2 3	23 5	0 36	21 12	4 34	23 47	0 5	17 57	1 29	14 44	0 44	10 4	1 56	25 25	16 45	23 29	23 24	24 56		n.a.
M29	18 45	1 43	4 59	22 41	2 3	23 8	0 33	21 19	4 35	23 47	0 5	17 55	1 29	14 43	0 44	10 4	1 56	25 26	16 45	23 29	23 24	24 57		n.a.
T 30	18 30	3n43	4 34	22 19	2 4	23 9	0 30	21 26	4 35	23 47	0 5	17 52	1 29	14 41	0 44	10 4	1 56	25 27	16 45	23 28	23 24	24 57		n.a.
W31	18s14	9n 8	3s53	21s55	2s 4	23s10	0n26	21n33	4n36	23s47	0s 5	17s50	1s29	14s40	0s44	10s 4	1n56	25n28	16n46	23n28	23n23	24s57		n.a.

Julian Day Number = 1718135.5, Delta T = 02h57m20s
Ecliptic obliquity = 23°41'46, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°11'10, Lahiri = - 4°04'09 Julian Calendar 1 Jan. 9 BCE == Greg. Calendar 30 Dec. 010 BCE

The year -08 astronomical counting style corresponds to year 009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 9 BCE
geocentric

FEBRUARY 9 BCE (-8) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 32 28	9♒52'15	17♉ 1	3♒52	6♉10	12°R22	1♉12	15♒26	23♒ 5	0♏48	4°R26	22♊18	21♊ 0	8♉18	n.a.	T 1
F 2	8 36 25	10°52'23	0♊57	5°41	7°23	11♌59	1°24	15°33	23° 9	0°49	4♍24	22°19	20°57	8°25	n.a.	F 2
S 3	8 40 21	11°52'30	15°15	7°30	8°36	11°35	1°36	15°41	23°12	0°R49	4°23	22°R20	20°54	8°31	n.a.	S 3
S 4	8 44 18	12°52'34	29°52	9°21	9°49	11°12	1°49	15°48	23°15	0°49	4°21	22°20	20°51	8°38	n.a.	S 4
M 5	8 48 14	13°52'37	14♋44	11°13	11° 2	10°48	2° 1	15°56	23°19	0°49	4°20	22°18	20°48	8°44	n.a.	M 5
T 6	8 52 11	14°52'37	29°45	13° 5	12°15	10°24	2°13	16° 3	23°22	0°48	4°18	22°14	20°44	8°51	n.a.	T 6
W 7	8 56 8	15°52'34	14♌46	14°59	13°28	10° 1	2°25	16°10	23°26	0°48	4°17	22° 7	20°41	8°58	n.a.	W 7
T 8	9 0 4	16°52'30	29°38	16°54	14°42	9°37	2°37	16°18	23°29	0°48	4°15	21°59	20°38	9° 4	n.a.	T 8
F 9	9 4 1	17°52'24	14♍13	18°49	15°55	9°14	2°49	16°25	23°32	0°48	4°14	21°50	20°35	9°11	n.a.	F 9
S 10	9 7 57	18°52'16	28°23	20°46	17° 8	8°51	3° 1	16°33	23°36	0°48	4°12	21°41	20°32	9°18	n.a.	S 10
S 11	9 11 54	19°52'06	12♎ 6	22°43	18°21	8°29	3°13	16°40	23°39	0°48	4°11	21°34	20°28	9°24	n.a.	S 11
M12	9 15 50	20°51'54	25°20	24°41	19°34	8° 6	3°24	16°48	23°43	0°47	4° 9	21°28	20°25	9°31	n.a.	M12
T 13	9 19 47	21°51'40	8♏ 7	26°39	20°47	7°44	3°36	16°55	23°46	0°47	4° 8	21°25	20°22	9°38	n.a.	T 13
W14	9 23 43	22°51'25	20°32	28°38	22° 1	7°23	3°47	17° 2	23°49	0°47	4° 6	21°D24	20°19	9°44	n.a.	W14
T 15	9 27 40	23°51'07	2♐39	0♓37	23°14	7° 2	3°59	17°10	23°53	0°46	4° 4	21°25	20°16	9°51	n.a.	T 15
F 16	9 31 36	24°50'48	14°34	2°35	24°27	6°41	4°10	17°17	23°56	0°46	4° 3	21°25	20°13	9°58	n.a.	F 16
S 17	9 35 33	25°50'27	26°22	4°34	25°40	6°21	4°21	17°24	24° 0	0°46	4° 1	21°R25	20° 9	10° 4	n.a.	S 17
S 18	9 39 30	26°50'05	8♑ 8	6°32	26°54	6° 1	4°33	17°32	24° 3	0°45	3°59	21°24	20° 6	10°11	n.a.	S 18
M19	9 43 26	27°49'40	19°57	8°29	28° 7	5°42	4°44	17°39	24° 7	0°45	3°58	21°20	20° 3	10°18	n.a.	M19
T 20	9 47 23	28°49'13	1♒52	10°25	29°20	5°24	4°55	17°47	24°10	0°44	3°56	21°13	20° 0	10°24	n.a.	T 20
W21	9 51 19	29°48'45	13°56	12°19	0♒33	5° 6	5° 5	17°54	24°14	0°43	3°55	21° 4	19°57	10°31	n.a.	W21
T 22	9 55 16	0♓48'14	26°11	14°12	1°47	4°48	5°16	18° 1	24°17	0°43	3°53	20°53	19°54	10°38	n.a.	T 22
F 23	9 59 12	1°47'41	8♓37	16° 1	3° 0	4°32	5°27	18° 9	24°20	0°42	3°51	20°40	19°50	10°44	n.a.	F 23
S 24	10 3 9	2°47'06	21°16	17°48	4°13	4°16	5°38	18°16	24°24	0°42	3°50	20°27	19°47	10°51	n.a.	S 24
S 25	10 7 5	3°46'28	4♈ 6	19°32	5°26	4° 1	5°48	18°23	24°27	0°41	3°48	20°15	19°44	10°58	n.a.	S 25
M26	10 11 2	4°45'48	17° 8	21°12	6°40	3°47	5°58	18°30	24°31	0°40	3°46	20° 6	19°41	11° 4	n.a.	M26
T 27	10 14 59	5°45'06	0♉22	22°47	7°53	3°33	6° 9	18°37	24°34	0°39	3°45	19°58	19°38	11°11	n.a.	T 27
W28	10 18 55	6°44'22	13°48	24°19	9° 6	3°20	6°19	18°45	24°37	0°39	3°43	19°54	19°34	11°18	n.a.	W28
T 29	10 22 52	7♓43'35	27♉25	25♓45	10♒20	3♌ 8	6♉29	18♒52	24♒41	0♏38	3♍41	19♊52	19♊31	11♉24	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s58	14n14	2s59	21s29	2s 3	23s10	0n23	21n40	4n36	23s47	0s 5	17s48	1s29	14s39	0s44	10s 4	1n56	25n29	16n46	23n28	23n23	24s58		n.a.
F 2	17 41	18 44	1 53	21 1	2 2	23 9	0 20	21 47	4 36	23 47	0 6	17 46	1 29	14 38	0 44	10 4	1 56	25 30	16 46	23 28	23 23	24 58		n.a.
S 3	17 25	22 14	0 38	20 32	2 0	23 8	0 17	21 54	4 36	23 47	0 6	17 44	1 29	14 37	0 44	10 4	1 57	25 30	16 46	23 28	23 23	24 59		n.a.
S 4	17 8	24 22	0n40	20 0	1 58	23 6	0 14	22 1	4 36	23 47	0 6	17 42	1 29	14 36	0 44	10 4	1 57	25 31	16 47	23 28	23 23	24 59		n.a.
M 5	16 50	24 49	1 58	19 27	1 56	23 3	0 11	22 7	4 35	23 47	0 6	17 39	1 30	14 35	0 44	10 4	1 57	25 32	16 47	23 28	23 22	24 59		n.a.
T 6	16 33	23 28	3 7	18 52	1 53	23 0	0 8	22 13	4 35	23 47	0 6	17 37	1 30	14 34	0 44	10 3	1 57	25 33	16 47	23 28	23 22	25 0		n.a.
W 7	16 15	20 27	4 4	18 15	1 49	22 56	0 4	22 19	4 34	23 47	0 6	17 35	1 30	14 32	0 44	10 3	1 57	25 34	16 47	23 28	23 22	25 0		n.a.
T 8	15 57	16 8	4 43	17 36	1 45	22 51	0 1	22 25	4 34	23 47	0 6	17 33	1 30	14 31	0 44	10 3	1 57	25 34	16 48	23 27	23 22	25 1		n.a.
F 9	15 38	10 55	5 3	16 56	1 40	22 46	0s 2	22 31	4 33	23 46	0 6	17 31	1 30	14 30	0 44	10 3	1 57	25 35	16 48	23 26	23 21	25 1		n.a.
S 10	15 20	5 17	5 4	16 13	1 35	22 40	0 5	22 36	4 32	23 46	0 7	17 28	1 30	14 29	0 44	10 3	1 57	25 36	16 48	23 26	23 21	25 1		n.a.
S 11	15 1	0s26	4 46	15 29	1 29	22 33	0 8	22 42	4 31	23 46	0 7	17 26	1 30	14 28	0 44	10 3	1 57	25 37	16 48	23 25	23 21	25 2		n.a.
M12	14 42	5 57	4 14	14 43	1 22	22 26	0 11	22 47	4 30	23 46	0 7	17 24	1 30	14 27	0 44	10 3	1 57	25 38	16 48	23 25	23 21	25 2		n.a.
T 13	14 22	11 3	3 30	13 56	1 15	22 17	0 13	22 51	4 29	23 46	0 7	17 22	1 30	14 26	0 44	10 3	1 57	25 38	16 49	23 25	23 21	25 2		n.a.
W14	14 3	15 33	2 38	13 7	1 7	22 9	0 16	22 56	4 28	23 46	0 7	17 20	1 30	14 24	0 44	10 2	1 57	25 39	16 49	23 25	23 20	25 3		n.a.
T 15	13 43	19 18	1 39	12 17	0 59	21 59	0 19	23 0	4 27	23 45	0 7	17 17	1 30	14 23	0 44	10 2	1 57	25 40	16 49	23 25	23 20	25 3		n.a.
F 16	13 23	22 11	0 37	11 26	0 50	21 49	0 22	23 4	4 25	23 45	0 7	17 15	1 30	14 22	0 44	10 2	1 57	25 41	16 49	23 25	23 20	25 3		n.a.
S 17	13 2	24 5	0s26	10 34	0 40	21 39	0 25	23 8	4 24	23 45	0 7	17 13	1 30	14 21	0 44	10 2	1 57	25 41	16 49	23 25	23 20	25 4		n.a.
S 18	12 42	24 54	1 28	9 40	0 30	21 27	0 28	23 12	4 22	23 45	0 8	17 11	1 30	14 20	0 44	10 2	1 57	25 42	16 49	23 25	23 19	25 4		n.a.
M19	12 21	24 36	2 26	8 46	0 19	21 15	0 30	23 15	4 20	23 44	0 8	17 8	1 31	14 19	0 44	10 1	1 57	25 43	16 49	23 25	23 19	25 4		n.a.
T 20	12 1	23 10	3 18	7 52	0 8	21 3	0 33	23 18	4 19	23 44	0 8	17 6	1 31	14 17	0 44	10 1	1 58	25 44	16 50	23 24	23 19	25 5		n.a.
W21	11 40	20 40	4 1	6 58	0n 3	20 49	0 35	23 21	4 17	23 44	0 8	17 4	1 31	14 16	0 44	10 1	1 58	25 44	16 50	23 24	23 19	25 5		n.a.
T 22	11 18	17 13	4 34	6 3	0 15	20 36	0 38	23 23	4 15	23 44	0 8	17 2	1 31	14 15	0 44	10 1	1 58	25 45	16 50	23 23	23 18	25 5		n.a.
F 23	10 57	12 58	4 55	5 9	0 28	20 21	0 41	23 25	4 13	23 43	0 8	17 0	1 31	14 14	0 44	10 0	1 58	25 46	16 50	23 22	23 18	25 5		n.a.
S 24	10 35	8 6	5 1	4 15	0 40	20 6	0 43	23 27	4 11	23 43	0 8	16 57	1 31	14 13	0 44	10 0	1 58	25 46	16 50	23 21	23 18	25 6		n.a.
S 25	10 14	2 49	4 53	3 23	0 53	19 51	0 45	23 29	4 9	23 43	0 9	16 55	1 31	14 12	0 44	10 0	1 58	25 47	16 50	23 20	23 18	25 6		n.a.
M26	9 52	2n40	4 29	2 32	1 5	19 35	0 48	23 31	4 7	23 42	0 9	16 53	1 31	14 11	0 44	9 59	1 58	25 48	16 50	23 19	23 17	25 6		n.a.
T 27	9 30	8 8	3 50	1 42	1 18	19 18	0 50	23 32	4 5	23 42	0 9	16 51	1 31	14 9	0 44	9 59	1 58	25 48	16 50	23 19	23 17	25 6		n.a.
W28	9 8	13 18	2 59	0 54	1 31	19 1	0 52	23 33	4 3	23 42	0 9	16 49	1 31	14 8	0 44	9 59	1 58	25 49	16 50	23 18	23 17	25 7		n.a.
T 29	8s46	17n55	1s56	0s 8	1n43	18s43	0s55	23n33	4n 0	23s41	0s 9	16s47	1s31	14s 7	0s44	9s58	1n58	25n50	16n50	23n18	23n17	25s 7		n.a.

Julian Day Number = 1718166.5, Delta T = 02h57m19s
Ecliptic obliquity = 23°41'47, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°11'05, Lahiri = - 4°04'05 Julian Calendar 1 Feb. 9 BCE == Greg. Calendar 30 Jan. 009 BCE

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ASTRODIENST EPHEMERIS for the year 9 BCE
geocentric

MARCH 9 BCE (-8) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 26 48	8♓42'46	11♊16	27♓ 6	11♒33	2°R57	6♉39	18♒59	24♒44	0°R37	3°R40	19°D52	19♊28	11♉31	n.a.	F 1
S 2	10 30 45	9°41'54	25°21	28°21	12°46	2♌46	6°49	19° 6	24°47	0♏36	3♍38	19°R52	19°25	11°38	n.a.	S 2
S 3	10 34 41	10°41'00	9♋39	29°30	14° 0	2°36	6°58	19°13	24°51	0°35	3°36	19♊51	19°22	11°44	n.a.	S 3
M 4	10 38 38	11°40'04	24° 8	0♈34	15°13	2°27	7° 8	19°20	24°54	0°34	3°35	19°48	19°19	11°51	n.a.	M 4
T 5	10 42 34	12°39'05	8♌45	1°31	16°26	2°19	7°17	19°27	24°57	0°34	3°33	19°42	19°15	11°57	n.a.	T 5
W 6	10 46 31	13°38'04	23°24	2°21	17°39	2°12	7°27	19°34	25° 1	0°33	3°32	19°33	19°12	12° 4	n.a.	W 6
T 7	10 50 28	14°37'00	7♍58	3° 5	18°53	2° 5	7°36	19°41	25° 4	0°32	3°30	19°22	19° 9	12°11	n.a.	T 7
F 8	10 54 24	15°35'55	22°19	3°42	20° 6	1°59	7°45	19°48	25° 7	0°31	3°28	19°10	19° 6	12°17	n.a.	F 8
S 9	10 58 21	16°34'47	6♎21	4°12	21°19	1°54	7°54	19°55	25°11	0°30	3°27	18°59	19° 3	12°24	n.a.	S 9
S 10	11 2 17	17°33'37	20° 0	4°36	22°33	1°50	8° 3	20° 2	25°14	0°29	3°25	18°48	18°59	12°31	n.a.	S 10
M11	11 6 14	18°32'25	3♏14	4°52	23°46	1°46	8°12	20° 9	25°17	0°27	3°24	18°40	18°56	12°37	n.a.	M11
T 12	11 10 10	19°31'12	16° 4	5° 2	24°59	1°44	8°21	20°16	25°20	0°26	3°22	18°35	18°53	12°44	n.a.	T 12
W13	11 14 7	20°29'56	28°31	5°R 5	26°13	1°42	8°29	20°23	25°23	0°25	3°20	18°32	18°50	12°51	n.a.	W13
T 14	11 18 3	21°28'39	10♐41	5° 2	27°26	1°40	8°37	20°29	25°27	0°24	3°19	18°31	18°47	12°57	n.a.	T 14
F 15	11 22 0	22°27'20	22°38	4°53	28°39	1°D40	8°46	20°36	25°30	0°23	3°17	18°31	18°44	13° 4	n.a.	F 15
S 16	11 25 56	23°25'59	4♑28	4°37	29°53	1°40	8°54	20°43	25°33	0°22	3°16	18°31	18°40	13°11	n.a.	S 16
S 17	11 29 53	24°24'37	16°16	4°17	1♓ 6	1°41	9° 2	20°49	25°36	0°20	3°14	18°29	18°37	13°17	n.a.	S 17
M18	11 33 50	25°23'13	28° 7	3°51	2°19	1°43	9°10	20°56	25°39	0°19	3°13	18°26	18°34	13°24	n.a.	M18
T 19	11 37 46	26°21'46	10♒ 7	3°21	3°33	1°46	9°17	21° 2	25°42	0°18	3°11	18°19	18°31	13°31	n.a.	T 19
W20	11 41 43	27°20'18	22°18	2°47	4°46	1°49	9°25	21° 9	25°45	0°17	3°10	18°10	18°28	13°37	n.a.	W20
T 21	11 45 39	28°18'49	4♓43	2°11	5°59	1°53	9°32	21°15	25°48	0°15	3° 8	17°59	18°25	13°44	n.a.	T 21
F 22	11 49 36	29°17'17	17°25	1°31	7°13	1°57	9°40	21°22	25°51	0°14	3° 7	17°46	18°21	13°51	n.a.	F 22
S 23	11 53 32	0♈15'43	0♈21	0°50	8°26	2° 2	9°47	21°28	25°54	0°13	3° 5	17°34	18°18	13°57	n.a.	S 23
S 24	11 57 29	1°14'07	13°33	0° 9	9°40	2° 8	9°54	21°34	25°57	0°11	3° 4	17°22	18°15	14° 4	n.a.	S 24
M25	12 1 25	2°12'30	26°58	29♓27	10°53	2°15	10° 1	21°41	26° 0	0°10	3° 3	17°12	18°12	14°11	n.a.	M25
T 26	12 5 22	3°10'50	10♉33	28°46	12° 6	2°22	10° 7	21°47	26° 3	0° 9	3° 1	17° 5	18° 9	14°17	n.a.	T 26
W27	12 9 19	4° 9'08	24°18	28° 6	13°20	2°30	10°14	21°53	26° 6	0° 7	3° 0	17° 0	18° 5	14°24	n.a.	W27
T 28	12 13 15	5° 7'25	8♊10	27°28	14°33	2°39	10°20	21°59	26° 9	0° 6	2°59	16°59	18° 2	14°31	n.a.	T 28
F 29	12 17 12	6° 5'39	22° 8	26°53	15°46	2°48	10°26	22° 5	26°12	0° 4	2°57	16°D58	17°59	14°37	n.a.	F 29
S 30	12 21 8	7° 3'51	6♋12	26°21	17° 0	2°57	10°32	22°11	26°14	0° 3	2°56	16°R59	17°56	14°44	n.a.	S 30
S 31	12 25 5	8♈ 2'01	20♋21	25♓53	18♓13	3♌ 8	10♉38	22♒17	26♒17	0♏ 1	2♍55	16♊58	17♊53	14♉51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8s23	21n37	0s45	0n35	1n55	18s25	0s57	23n34	3n58	23s41	0s 9	16s44	1s32	14s 6	0s44	9s58	1n58	25n50	16n50	23n18	23n16	25s 7		n.a.
S 2	8 1	24 6	0n29	1 16	2 7	18 6	0 59	23 34	3 56	23 40	0 9	16 42	1 32	14 5	0 44	9 58	1 58	25 51	16 50	23 18	23 16	25 7		n.a.
S 3	7 38	25 3	1 43	1 54	2 18	17 47	1 1	23 34	3 53	23 40	0 9	16 40	1 32	14 4	0 44	9 57	1 58	25 52	16 50	23 18	23 16	25 8		n.a.
M 4	7 16	24 19	2 51	2 29	2 28	17 27	1 3	23 34	3 51	23 40	0 10	16 38	1 32	14 3	0 44	9 57	1 58	25 52	16 50	23 18	23 16	25 8		n.a.
T 5	6 53	21 55	3 48	3 1	2 38	17 6	1 5	23 34	3 49	23 39	0 10	16 36	1 32	14 2	0 44	9 57	1 58	25 53	16 50	23 18	23 15	25 8		n.a.
W 6	6 30	18 6	4 30	3 30	2 47	16 46	1 7	23 33	3 46	23 39	0 10	16 34	1 32	14 0	0 44	9 56	1 58	25 53	16 50	23 17	23 15	25 8		n.a.
T 7	6 7	13 13	4 55	3 55	2 55	16 24	1 8	23 32	3 44	23 39	0 10	16 32	1 32	13 59	0 44	9 56	1 58	25 54	16 50	23 16	23 15	25 8		n.a.
F 8	5 44	7 40	5 0	4 16	3 3	16 3	1 10	23 31	3 41	23 38	0 10	16 30	1 32	13 58	0 44	9 56	1 58	25 54	16 50	23 15	23 15	25 9		n.a.
S 9	5 21	1 50	4 47	4 34	3 9	15 41	1 12	23 30	3 39	23 38	0 10	16 27	1 32	13 57	0 44	9 55	1 58	25 55	16 50	23 14	23 14	25 9		n.a.
S 10	4 58	3s56	4 18	4 48	3 14	15 18	1 13	23 29	3 36	23 37	0 10	16 25	1 33	13 56	0 44	9 55	1 59	25 56	16 50	23 13	23 14	25 9		n.a.
M11	4 35	9 21	3 35	4 58	3 18	14 55	1 15	23 27	3 34	23 37	0 11	16 23	1 33	13 55	0 44	9 54	1 59	25 56	16 50	23 12	23 14	25 9		n.a.
T 12	4 12	14 13	2 43	5 5	3 20	14 32	1 16	23 25	3 32	23 37	0 11	16 21	1 33	13 54	0 44	9 54	1 59	25 57	16 49	23 12	23 14	25 9		n.a.
W13	3 48	18 21	1 44	5 7	3 21	14 8	1 18	23 23	3 29	23 36	0 11	16 19	1 33	13 53	0 44	9 53	1 59	25 57	16 49	23 12	23 13	25 9		n.a.
T 14	3 25	21 36	0 41	5 6	3 21	13 44	1 19	23 21	3 27	23 36	0 11	16 17	1 33	13 52	0 44	9 53	1 59	25 58	16 49	23 12	23 13	25 10		n.a.
F 15	3 1	23 51	0s22	5 0	3 20	13 19	1 20	23 19	3 24	23 35	0 11	16 15	1 33	13 51	0 44	9 53	1 59	25 58	16 49	23 12	23 13	25 10		n.a.
S 16	2 38	25 1	1 23	4 51	3 16	12 54	1 22	23 16	3 22	23 35	0 11	16 13	1 33	13 50	0 44	9 52	1 59	25 58	16 49	23 12	23 12	25 10		n.a.
S 17	2 15	25 2	2 21	4 39	3 12	12 29	1 23	23 14	3 19	23 35	0 12	16 11	1 34	13 49	0 44	9 52	1 59	25 59	16 49	23 11	23 12	25 10		n.a.
M18	1 51	23 55	3 13	4 23	3 5	12 4	1 24	23 11	3 17	23 34	0 12	16 9	1 34	13 48	0 44	9 51	1 59	25 59	16 49	23 11	23 12	25 10		n.a.
T 19	1 28	21 42	3 57	4 3	2 58	11 38	1 25	23 8	3 14	23 34	0 12	16 7	1 34	13 47	0 44	9 51	1 59	26 0	16 48	23 11	23 12	25 10		n.a.
W20	1 4	18 29	4 31	3 41	2 48	11 12	1 26	23 5	3 12	23 33	0 12	16 5	1 34	13 46	0 44	9 50	1 59	26 0	16 48	23 10	23 11	25 10		n.a.
T 21	0 41	14 25	4 53	3 17	2 38	10 45	1 27	23 2	3 9	23 33	0 12	16 3	1 34	13 44	0 44	9 50	1 59	26 1	16 48	23 9	23 11	25 10		n.a.
F 22	0 17	9 38	5 1	2 50	2 26	10 18	1 27	22 58	3 7	23 33	0 12	16 1	1 34	13 43	0 44	9 49	1 59	26 1	16 48	23 8	23 11	25 10		n.a.
S 23	0n 6	4 20	4 53	2 22	2 13	9 51	1 28	22 55	3 5	23 32	0 12	15 59	1 34	13 42	0 44	9 49	1 59	26 1	16 48	23 6	23 11	25 11		n.a.
S 24	0 30	1n15	4 30	1 52	1 59	9 24	1 29	22 51	3 2	23 32	0 13	15 57	1 35	13 41	0 44	9 48	1 59	26 2	16 47	23 5	23 10	25 11		n.a.
M25	0 53	6 54	3 52	1 22	1 44	8 56	1 29	22 47	3 0	23 32	0 13	15 55	1 35	13 41	0 44	9 48	1 59	26 2	16 47	23 4	23 10	25 11		n.a.
T 26	1 17	12 18	3 0	0 51	1 28	8 29	1 30	22 43	2 57	23 31	0 13	15 53	1 35	13 40	0 44	9 47	1 59	26 2	16 47	23 4	23 10	25 11		n.a.
W27	1 40	17 9	1 57	0 20	1 12	8 1	1 30	22 39	2 55	23 31	0 13	15 52	1 35	13 39	0 44	9 47	1 59	26 3	16 47	23 3	23 9	25 11		n.a.
T 28	2 3	21 8	0 47	0s10	0 56	7 32	1 31	22 35	2 53	23 31	0 13	15 50	1 35	13 38	0 44	9 46	1 59	26 3	16 47	23 3	23 9	25 11		n.a.
F 29	2 27	23 55	0n27	0 39	0 39	7 4	1 31	22 30	2 50	23 30	0 13	15 48	1 35	13 37	0 44	9 46	1 59	26 3	16 46	23 3	23 9	25 11		n.a.
S 30	2 50	25 13	1 40	1 7	0 23	6 35	1 31	22 26	2 48	23 30	0 14	15 46	1 36	13 36	0 44	9 45	1 59	26 3	16 46	23 3	23 9	25 11		n.a.
S 31	3n13	24n54	2n48	1s34	0n 6	6s 7	1s32	22n21	2n46	23s30	0s14	15s44	1s36	13s35	0s44	9s44	1n59	26n 4	16n46	23n 3	23n 8	25s11		n.a.

Julian Day Number = 1718195.5, Delta T = 02h57m18s
Ecliptic obliquity = 23°41'48, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°11'01, Lahiri = - 4°04'01 Julian Calendar 1 March 9 BCE == Greg. Calendar 28 Feb. 009 BCE

The year -08 astronomical counting style corresponds to year 009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 9 BCE
geocentric

APRIL 9 BCE (-8) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 29 1	9♈ 0'08	4♌34	25°R28	19♓26	3♌19	10♉44	22♒23	26♒20	29°R59	2°R53	16°R56	17♊50	14♉57	n.a.	M 1
T 2	12 32 58	9°58'14	18°48	25♓ 8	20°40	3°30	10°50	22°29	26°23	29♎58	2♍52	16♊51	17°46	15° 4	n.a.	T 2
W 3	12 36 54	10°56'17	3♍ 1	24°53	21°53	3°42	10°55	22°35	26°25	29°57	2°51	16°44	17°43	15°11	n.a.	W 3
T 4	12 40 51	11°54'19	17° 8	24°42	23° 6	3°55	11° 0	22°40	26°28	29°55	2°50	16°34	17°40	15°17	n.a.	T 4
F 5	12 44 48	12°52'18	1♎ 4	24°36	24°20	4° 8	11° 5	22°46	26°31	29°54	2°49	16°24	17°37	15°24	n.a.	F 5
S 6	12 48 44	13°50'16	14°46	24°D34	25°33	4°22	11°10	22°52	26°33	29°52	2°47	16°14	17°34	15°31	n.a.	S 6
S 7	12 52 41	14°48'12	28°10	24°38	26°46	4°36	11°15	22°57	26°36	29°51	2°46	16° 5	17°30	15°37	n.a.	S 7
M 8	12 56 37	15°46'07	11♏13	24°46	28° 0	4°50	11°20	23° 3	26°38	29°49	2°45	15°58	17°27	15°44	n.a.	M 8
T 9	13 0 34	16°44'00	23°57	24°59	29°13	5° 6	11°24	23° 8	26°41	29°48	2°44	15°54	17°24	15°51	n.a.	T 9
W10	13 4 30	17°41'51	6♐22	25°16	0♈26	5°21	11°28	23°13	26°43	29°46	2°43	15°51	17°21	15°57	n.a.	W10
T 11	13 8 27	18°39'42	18°31	25°38	1°40	5°37	11°33	23°19	26°46	29°45	2°42	15°D51	17°18	16° 4	n.a.	T 11
F 12	13 12 23	19°37'31	0♑29	26° 4	2°53	5°54	11°36	23°24	26°48	29°43	2°41	15°51	17°15	16°11	n.a.	F 12
S 13	13 16 20	20°35'18	12°20	26°35	4° 7	6°11	11°40	23°29	26°50	29°41	2°40	15°52	17°11	16°17	n.a.	S 13
S 14	13 20 16	21°33'04	24°10	27° 9	5°20	6°28	11°44	23°34	26°53	29°40	2°39	15°R53	17° 8	16°24	n.a.	S 14
M15	13 24 13	22°30'50	6♒ 3	27°47	6°33	6°46	11°47	23°39	26°55	29°38	2°38	15°52	17° 5	16°31	n.a.	M15
T 16	13 28 10	23°28'33	18° 6	28°30	7°47	7° 5	11°50	23°44	26°57	29°37	2°37	15°49	17° 2	16°37	n.a.	T 16
W17	13 32 6	24°26'16	0♓21	29°15	9° 0	7°23	11°53	23°49	26°59	29°35	2°36	15°43	16°59	16°44	n.a.	W17
T 18	13 36 3	25°23'57	12°53	0♈ 5	10°13	7°42	11°56	23°54	27° 2	29°33	2°35	15°37	16°56	16°51	n.a.	T 18
F 19	13 39 59	26°21'37	25°44	0°57	11°27	8° 2	11°59	23°59	27° 4	29°32	2°35	15°29	16°52	16°57	n.a.	F 19
S 20	13 43 56	27°19'16	8♈55	1°54	12°40	8°22	12° 1	24° 3	27° 6	29°30	2°34	15°20	16°49	17° 4	n.a.	S 20
S 21	13 47 52	28°16'54	22°26	2°53	13°54	8°42	12° 4	24° 8	27° 8	29°28	2°33	15°13	16°46	17°11	n.a.	S 21
M22	13 51 49	29°14'30	6♉13	3°55	15° 7	9° 3	12° 6	24°12	27°10	29°27	2°32	15° 6	16°43	17°17	n.a.	M22
T 23	13 55 45	0♉12'05	20°13	5° 1	16°20	9°24	12° 8	24°17	27°12	29°25	2°32	15° 2	16°40	17°24	n.a.	T 23
W24	13 59 42	1° 9'38	4♊23	6° 9	17°34	9°46	12° 9	24°21	27°14	29°24	2°31	15° 0	16°36	17°31	n.a.	W24
T 25	14 3 39	2° 7'11	18°38	7°20	18°47	10° 8	12°11	24°25	27°16	29°22	2°30	14°D59	16°33	17°37	n.a.	T 25
F 26	14 7 35	3° 4'42	2♋55	8°34	20° 1	10°30	12°12	24°29	27°18	29°20	2°30	15° 0	16°30	17°44	n.a.	F 26
S 27	14 11 32	4° 2'11	17°10	9°51	21°14	10°52	12°13	24°34	27°19	29°19	2°29	15° 1	16°27	17°51	n.a.	S 27
S 28	14 15 28	4°59'39	1♌23	11°10	22°27	11°15	12°14	24°38	27°21	29°17	2°29	15°R 2	16°24	17°57	n.a.	S 28
M29	14 19 25	5°57'06	15°30	12°32	23°41	11°39	12°15	24°42	27°23	29°16	2°28	15° 2	16°21	18° 4	n.a.	M29
T 30	14 23 21	6♉54'30	29♌30	13♈57	24♈54	12♌ 2	12♉16	24♒45	27♒25	29♎14	2♍27	15♊ 0	16♊17	18♉11	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3n36	22n57	3n45	1s58	0s10	5s38	1s32	22n16	2n44	23s29	0s14	15s42	1s36	13s34	0s44	9s44	1n59	26n 4	16n45	23n 3	23n 8	25s11		n.a.
T 2	3 59	19 35	4 28	2 21	0 26	5 9	1 32	22 11	2 41	23 29	0 14	15 41	1 36	13 33	0 44	9 43	1 59	26 4	16 45	23 2	23 8	25 11		n.a.
W 3	4 22	15 4	4 55	2 41	0 42	4 39	1 32	22 6	2 39	23 29	0 14	15 39	1 36	13 32	0 44	9 43	1 59	26 4	16 45	23 2	23 7	25 11		n.a.
T 4	4 45	9 47	5 3	2 59	0 56	4 10	1 32	22 1	2 37	23 29	0 14	15 37	1 36	13 31	0 44	9 42	1 59	26 4	16 45	23 1	23 7	25 11		n.a.
F 5	5 8	4 3	4 53	3 15	1 11	3 40	1 31	21 56	2 35	23 28	0 15	15 36	1 37	13 30	0 44	9 42	1 59	26 5	16 44	23 0	23 7	25 11		n.a.
S 6	5 31	1s47	4 27	3 28	1 24	3 11	1 31	21 50	2 32	23 28	0 15	15 34	1 37	13 29	0 44	9 41	1 59	26 5	16 44	22 59	23 6	25 11		n.a.
S 7	5 54	7 25	3 46	3 38	1 37	2 41	1 31	21 45	2 30	23 28	0 15	15 32	1 37	13 29	0 44	9 41	1 59	26 5	16 44	22 58	23 6	25 11		n.a.
M 8	6 16	12 36	2 54	3 46	1 49	2 11	1 31	21 39	2 28	23 28	0 15	15 31	1 37	13 28	0 44	9 40	1 59	26 5	16 43	22 57	23 6	25 11		n.a.
T 9	6 39	17 7	1 54	3 51	2 0	1 41	1 30	21 33	2 26	23 27	0 15	15 29	1 37	13 27	0 44	9 39	1 59	26 5	16 43	22 56	23 6	25 11		n.a.
W10	7 1	20 46	0 51	3 53	2 10	1 11	1 30	21 28	2 24	23 27	0 16	15 27	1 38	13 26	0 44	9 39	1 59	26 5	16 43	22 56	23 5	25 11		n.a.
T 11	7 23	23 26	0s14	3 53	2 19	0 42	1 29	21 21	2 22	23 27	0 16	15 26	1 38	13 25	0 44	9 38	1 59	26 5	16 42	22 56	23 5	25 11		n.a.
F 12	7 45	25 0	1 18	3 50	2 28	0 12	1 29	21 15	2 20	23 27	0 16	15 24	1 38	13 24	0 44	9 38	2 0	26 5	16 42	22 56	23 5	25 11		n.a.
S 13	8 7	25 24	2 17	3 45	2 36	0n19	1 28	21 9	2 18	23 27	0 16	15 23	1 38	13 24	0 44	9 37	2 0	26 5	16 42	22 56	23 4	25 11		n.a.
S 14	8 29	24 38	3 11	3 37	2 42	0 49	1 27	21 3	2 16	23 27	0 16	15 21	1 38	13 23	0 44	9 37	2 0	26 5	16 41	22 56	23 4	25 11		n.a.
M15	8 51	22 46	3 57	3 28	2 48	1 19	1 26	20 56	2 14	23 26	0 16	15 20	1 38	13 22	0 45	9 36	2 0	26 6	16 41	22 56	23 4	25 11		n.a.
T 16	9 13	19 53	4 32	3 15	2 54	1 49	1 25	20 49	2 12	23 26	0 17	15 18	1 39	13 21	0 45	9 35	2 0	26 6	16 41	22 56	23 3	25 11		n.a.
W17	9 34	16 4	4 56	3 1	2 58	2 19	1 25	20 43	2 10	23 26	0 17	15 17	1 39	13 21	0 45	9 35	2 0	26 5	16 40	22 55	23 3	25 10		n.a.
T 18	9 56	11 30	5 7	2 44	3 2	2 49	1 24	20 36	2 8	23 26	0 17	15 15	1 39	13 20	0 45	9 34	2 0	26 5	16 40	22 55	23 3	25 10		n.a.
F 19	10 17	6 19	5 2	2 26	3 4	3 19	1 22	20 29	2 6	23 26	0 17	15 14	1 39	13 19	0 45	9 34	2 0	26 5	16 39	22 54	23 2	25 10		n.a.
S 20	10 38	0 44	4 42	2 5	3 6	3 49	1 21	20 22	2 4	23 26	0 17	15 12	1 39	13 19	0 45	9 33	2 0	26 5	16 39	22 53	23 2	25 10		n.a.
S 21	10 59	5n 2	4 5	1 43	3 8	4 18	1 20	20 14	2 2	23 26	0 18	15 11	1 40	13 18	0 45	9 33	2 0	26 5	16 39	22 52	23 2	25 10		n.a.
M22	11 19	10 41	3 14	1 18	3 8	4 48	1 19	20 7	2 0	23 26	0 18	15 10	1 40	13 17	0 45	9 32	2 0	26 5	16 38	22 51	23 2	25 10		n.a.
T 23	11 40	15 54	2 10	0 52	3 8	5 18	1 18	20 0	1 58	23 26	0 18	15 9	1 40	13 17	0 45	9 31	2 0	26 5	16 38	22 51	23 1	25 10		n.a.
W24	12 0	20 19	0 57	0 24	3 7	5 47	1 16	19 52	1 57	23 26	0 18	15 7	1 40	13 16	0 45	9 31	2 0	26 5	16 37	22 51	23 1	25 10		n.a.
T 25	12 20	23 32	0n20	0n 6	3 6	6 17	1 15	19 44	1 55	23 26	0 18	15 6	1 41	13 15	0 45	9 30	2 0	26 5	16 37	22 50	23 1	25 10		n.a.
F 26	12 40	25 16	1 36	0 37	3 4	6 46	1 14	19 36	1 53	23 26	0 19	15 5	1 41	13 15	0 45	9 30	2 0	26 5	16 36	22 51	23 0	25 9		n.a.
S 27	13 0	25 19	2 46	1 10	3 1	7 15	1 12	19 28	1 51	23 26	0 19	15 4	1 41	13 14	0 45	9 29	2 0	26 4	16 36	22 51	23 0	25 9		n.a.
S 28	13 20	23 43	3 45	1 45	2 57	7 44	1 11	19 20	1 49	23 26	0 19	15 2	1 41	13 13	0 45	9 29	2 0	26 4	16 36	22 51	23 0	25 9		n.a.
M29	13 39	20 40	4 31	2 21	2 53	8 13	1 9	19 12	1 48	23 27	0 19	15 1	1 41	13 13	0 45	9 28	2 0	26 4	16 35	22 51	22 59	25 9		n.a.
T 30	13n58	16n26	5n 0	2n58	2s49	8n42	1s 7	19n 4	1n46	23s27	0s19	15s 0	1s42	13s12	0s45	9s27	2n 0	26n 4	16n35	22n51	22n59	25s 9		n.a.

Julian Day Number = 1718226.5, Delta T = 02h57m17s
Ecliptic obliquity = 23°41'48, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°10'57, Lahiri = - 4°03'57 Julian Calendar 1 Apr. 9 BCE == Greg. Calendar 30 March 009 BCE

The year -08 astronomical counting style corresponds to year 009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 9 BCE
geocentric

MAY 9 BCE (-8) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 27 18	7♉51'54	13♍22	15♈24	26♈ 8	12♌26	12♑16	24♒49	27♒26	29°R12	2°R27	14°R56	16♊14	18♑17	n.a.	W 1
T 2	14 31 14	8°49'16	27° 3	16°54	27°21	12°50	12°16	24°53	27°28	29♎11	2♍27	14♊52	16°11	18°24	n.a.	T 2
F 3	14 35 11	9°46'37	10♎33	18°26	28°34	13°15	12°R16	24°56	27°29	29° 9	2°26	14°46	16° 8	18°31	n.a.	F 3
S 4	14 39 8	10°43'57	23°50	20° 1	29°48	13°39	12°16	25° 0	27°31	29° 8	2°26	14°41	16° 5	18°37	n.a.	S 4
S 5	14 43 4	11°41'16	6♏51	21°38	1♉ 1	14° 5	12°16	25° 3	27°32	29° 6	2°25	14°36	16° 2	18°44	n.a.	S 5
M 6	14 47 1	12°38'34	19°38	23°18	2°15	14°30	12°15	25° 7	27°34	29° 4	2°25	14°32	15°58	18°51	n.a.	M 6
T 7	14 50 57	13°35'51	2♐ 9	25° 1	3°28	14°56	12°15	25°10	27°35	29° 3	2°25	14°30	15°55	18°57	n.a.	T 7
W 8	14 54 54	14°33'08	14°26	26°45	4°42	15°21	12°14	25°13	27°36	29° 1	2°25	14°D29	15°52	19° 4	n.a.	W 8
T 9	14 58 50	15°30'23	26°31	28°33	5°55	15°48	12°13	25°16	27°38	29° 0	2°24	14°30	15°49	19°11	n.a.	T 9
F 10	15 2 47	16°27'39	8♑27	0♉23	7° 8	16°14	12°11	25°19	27°39	28°58	2°24	14°31	15°46	19°17	n.a.	F 10
S 11	15 6 44	17°24'53	20°18	2°15	8°22	16°41	12°10	25°22	27°40	28°57	2°24	14°33	15°42	19°24	n.a.	S 11
S 12	15 10 40	18°22'07	2♒ 8	4° 9	9°35	17° 8	12° 8	25°25	27°41	28°55	2°24	14°35	15°39	19°31	n.a.	S 12
M13	15 14 37	19°19'21	14° 2	6° 6	10°49	17°35	12° 6	25°28	27°42	28°54	2°24	14°R36	15°36	19°37	n.a.	M13
T 14	15 18 33	20°16'34	26° 4	8° 5	12° 2	18° 2	12° 4	25°30	27°44	28°52	2°24	14°36	15°33	19°44	n.a.	T 14
W15	15 22 30	21°13'47	8♓20	10° 6	13°16	18°30	12° 2	25°33	27°45	28°51	2°D24	14°34	15°30	19°51	n.a.	W15
T 16	15 26 26	22°10'59	20°54	12° 9	14°29	18°58	12° 0	25°35	27°45	28°49	2°24	14°33	15°27	19°57	n.a.	T 16
F 17	15 30 23	23° 8'11	3♈48	14°14	15°43	19°26	11°57	25°38	27°46	28°48	2°24	14°30	15°23	20° 4	n.a.	F 17
S 18	15 34 19	24° 5'23	17° 5	16°21	16°56	19°55	11°54	25°40	27°47	28°46	2°24	14°27	15°20	20°11	n.a.	S 18
S 19	15 38 16	25° 2'34	0♉46	18°29	18°10	20°23	11°51	25°42	27°48	28°45	2°24	14°24	15°17	20°17	n.a.	S 19
M20	15 42 13	25°59'45	14°48	20°38	19°23	20°52	11°48	25°44	27°49	28°44	2°24	14°22	15°14	20°24	n.a.	M20
T 21	15 46 9	26°56'56	29° 9	22°48	20°37	21°21	11°45	25°46	27°50	28°42	2°24	14°21	15°11	20°31	n.a.	T 21
W22	15 50 6	27°54'07	13♊43	24°59	21°51	21°51	11°41	25°48	27°50	28°41	2°24	14°D20	15° 8	20°37	n.a.	W22
T 23	15 54 2	28°51'17	28°24	27°10	23° 4	22°20	11°38	25°50	27°51	28°39	2°25	14°21	15° 4	20°44	n.a.	T 23
F 24	15 57 59	29°48'26	13♋ 5	29°21	24°18	22°50	11°34	25°51	27°52	28°38	2°25	14°21	15° 1	20°51	n.a.	F 24
S 25	16 1 55	0♊45'35	27°41	1♊33	25°31	23°20	11°30	25°53	27°52	28°37	2°25	14°22	14°58	20°57	n.a.	S 25
S 26	16 5 52	1°42'43	12♌ 6	3°44	26°45	23°50	11°26	25°54	27°53	28°35	2°26	14°23	14°55	21° 4	n.a.	S 26
M27	16 9 48	2°39'51	26°19	5°54	27°59	24°21	11°21	25°56	27°53	28°34	2°26	14°R24	14°52	21°11	n.a.	M27
T 28	16 13 45	3°36'58	10♍15	8° 3	29°12	24°51	11°17	25°57	27°53	28°33	2°26	14°24	14°48	21°17	n.a.	T 28
W29	16 17 42	4°34'05	23°56	10°11	0♊26	25°22	11°12	25°58	27°54	28°32	2°27	14°23	14°45	21°24	n.a.	W29
T 30	16 21 38	5°31'11	7♎20	12°18	1°39	25°53	11° 7	25°59	27°54	28°30	2°27	14°23	14°42	21°31	n.a.	T 30
F 31	16 25 35	6♊28'17	20♎29	14♊23	2♊53	26♌24	11♑ 2	26♒ 0	27♒54	28♎29	2♍28	14♊22	14♊39	21♑37	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	14n17	11n23	5n11	3n37	2s43	9n10	1s 6	18n55	1n44	23s27	0s19	14s59	1s42	13s12	0s45	9s27	2n 0	26n 4	16n34	22n50	22n59	25s 9			n.a.
T 2	14 36	5 49	5 4	4 17	2 37	9 39	1 4	18 47	1 43	23 27	0 20	14 58	1 42	13 11	0 45	9 26	1 59	26 3	16 34	22 50	22 58	25 8			n.a.
F 3	14 54	0 4	4 40	4 59	2 31	10 7	1 2	18 38	1 41	23 27	0 20	14 57	1 42	13 11	0 45	9 26	1 59	26 3	16 33	22 49	22 58	25 8			n.a.
S 4	15 12	5s36	4 2	5 41	2 24	10 35	1 1	18 29	1 39	23 27	0 20	14 56	1 43	13 10	0 45	9 25	1 59	26 3	16 33	22 48	22 58	25 8			n.a.
S 5	15 30	10 57	3 11	6 25	2 17	11 2	0 59	18 20	1 38	23 28	0 20	14 55	1 43	13 10	0 45	9 25	1 59	26 3	16 32	22 48	22 57	25 8			n.a.
M 6	15 48	15 43	2 12	7 9	2 9	11 30	0 57	18 11	1 36	23 28	0 20	14 54	1 43	13 9	0 45	9 24	1 59	26 2	16 32	22 47	22 57	25 8			n.a.
T 7	16 5	19 43	1 7	7 55	2 0	11 57	0 55	18 2	1 34	23 28	0 21	14 53	1 43	13 9	0 45	9 24	1 59	26 2	16 32	22 47	22 57	25 7			n.a.
W 8	16 23	22 46	0 0	8 42	1 51	12 24	0 53	17 53	1 33	23 28	0 21	14 52	1 43	13 8	0 45	9 23	1 59	26 2	16 31	22 47	22 56	25 7			n.a.
T 9	16 40	24 44	1s 5	9 29	1 42	12 50	0 51	17 43	1 31	23 29	0 21	14 52	1 44	13 8	0 45	9 23	1 59	26 1	16 31	22 47	22 56	25 7			n.a.
F 10	16 56	25 33	2 8	10 17	1 33	13 16	0 49	17 34	1 30	23 29	0 21	14 51	1 44	13 8	0 45	9 22	1 59	26 1	16 30	22 47	22 56	25 7			n.a.
S 11	17 13	25 11	3 4	11 5	1 23	13 42	0 47	17 24	1 28	23 29	0 22	14 50	1 44	13 7	0 45	9 21	1 59	26 1	16 30	22 47	22 55	25 6			n.a.
S 12	17 29	23 40	3 53	11 54	1 12	14 8	0 45	17 14	1 26	23 30	0 22	14 49	1 44	13 7	0 45	9 21	1 59	26 0	16 29	22 48	22 55	25 6			n.a.
M13	17 45	21 7	4 31	12 44	1 2	14 33	0 43	17 4	1 25	23 30	0 22	14 49	1 45	13 7	0 46	9 20	1 59	26 0	16 29	22 48	22 55	25 6			n.a.
T 14	18 0	17 38	4 59	13 33	0 51	14 58	0 41	16 54	1 23	23 31	0 22	14 48	1 45	13 6	0 46	9 20	1 59	25 59	16 28	22 48	22 54	25 6			n.a.
W15	18 16	13 21	5 13	14 22	0 40	15 23	0 38	16 44	1 22	23 31	0 22	14 47	1 45	13 6	0 46	9 19	1 59	25 59	16 28	22 48	22 54	25 5			n.a.
T 16	18 31	8 26	5 13	15 11	0 29	15 47	0 36	16 34	1 20	23 31	0 23	14 47	1 45	13 6	0 46	9 19	1 59	25 58	16 27	22 47	22 54	25 5			n.a.
F 17	18 45	3 1	4 57	15 59	0 18	16 11	0 34	16 24	1 19	23 32	0 23	14 46	1 46	13 5	0 46	9 18	1 59	25 58	16 27	22 47	22 53	25 5			n.a.
S 18	19 0	2n42	4 25	16 47	0 7	16 34	0 32	16 13	1 17	23 32	0 23	14 46	1 46	13 5	0 46	9 18	1 59	25 57	16 26	22 47	22 53	25 4			n.a.
S 19	19 14	8 28	3 38	17 34	0n 3	16 57	0 29	16 3	1 16	23 33	0 23	14 45	1 46	13 5	0 46	9 18	1 59	25 57	16 26	22 46	22 52	25 4			n.a.
M20	19 28	13 58	2 36	18 20	0 14	17 20	0 27	15 52	1 15	23 33	0 23	14 45	1 46	13 5	0 46	9 17	1 59	25 57	16 25	22 46	22 52	25 4			n.a.
T 21	19 41	18 50	1 23	19 4	0 24	17 42	0 25	15 41	1 13	23 34	0 24	14 44	1 47	13 4	0 46	9 17	1 59	25 56	16 25	22 46	22 52	25 3			n.a.
W22	19 54	22 38	0 3	19 47	0 35	18 4	0 23	15 30	1 12	23 34	0 24	14 44	1 47	13 4	0 46	9 16	1 59	25 55	16 24	22 46	22 51	25 3			n.a.
T 23	20 7	24 58	1n17	20 27	0 44	18 25	0 20	15 19	1 10	23 35	0 24	14 43	1 47	13 4	0 46	9 16	1 59	25 55	16 24	22 46	22 51	25 3			n.a.
F 24	20 20	25 34	2 32	21 6	0 54	18 45	0 18	15 8	1 9	23 35	0 24	14 43	1 47	13 4	0 46	9 15	1 59	25 54	16 23	22 46	22 51	25 2			n.a.
S 25	20 32	24 24	3 37	21 43	1 2	19 6	0 16	14 57	1 7	23 36	0 24	14 43	1 48	13 4	0 46	9 15	1 59	25 54	16 23	22 46	22 50	25 2			n.a.
S 26	20 44	21 38	4 28	22 17	1 11	19 25	0 13	14 45	1 6	23 36	0 25	14 42	1 48	13 4	0 46	9 14	1 59	25 53	16 22	22 46	22 50	25 2			n.a.
M27	20 55	17 35	5 1	22 48	1 18	19 45	0 11	14 34	1 5	23 37	0 25	14 42	1 48	13 3	0 46	9 14	1 59	25 53	16 22	22 46	22 50	25 1			n.a.
T 28	21 6	12 40	5 16	23 17	1 25	20 3	0 9	14 22	1 3	23 38	0 25	14 42	1 48	13 3	0 46	9 14	1 59	25 52	16 21	22 46	22 49	25 1			n.a.
W29	21 17	7 12	5 12	23 43	1 31	20 22	0 6	14 11	1 2	23 38	0 25	14 42	1 49	13 3	0 46	9 13	1 59	25 51	16 21	22 46	22 49	25 1			n.a.
T 30	21 27	1 31	4 52	24 7	1 37	20 39	0 4	13 59	1 1	23 39	0 25	14 42	1 49	13 3	0 46	9 13	1 59	25 51	16 20	22 46	22 49	25 0			n.a.
F 31	21n37	4s 8	4n16	24n28	1n42	20n56	0s 1	13n47	0n59	23s39	0s26	14s42	1s49	13s 3	0s46	9s12	1n59	25n50	16n20	22n46	22n48	25s 0			n.a.

Julian Day Number = 1718256.5, Delta T = 02h57m16s
Ecliptic obliquity = 23°41'48, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°10'53, Lahiri = - 4°03'53 Julian Calendar 1 May 9 BCE == Greg. Calendar 29 Apr. 009 BCE

The year -08 astronomical counting style corresponds to year 009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 9 BCE
geocentric

JUNE 9 BCE (-8) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 29 31	7♊25'23	3♏23	16♊27	4♊ 7	26♌56	10°R57	26♒ 1	27♒54	28°R28	2♍28	14°R21	14♊36	21♉44	n.a.	S 1
S 2	16 33 28	8°22'28	16° 3	18°30	5°20	27°27	10♉52	26° 2	27°55	28♎27	2°29	14♊20	14°33	21°51	n.a.	S 2
M 3	16 37 24	9°19'34	28°30	20°30	6°34	27°59	10°46	26° 3	27°55	28°26	2°29	14°19	14°29	21°57	n.a.	M 3
T 4	16 41 21	10°16'39	10♐47	22°29	7°48	28°31	10°41	26° 3	27°55	28°25	2°30	14°D19	14°26	22° 4	n.a.	T 4
W 5	16 45 17	11°13'45	22°53	24°25	9° 1	29° 3	10°35	26° 4	27°R55	28°24	2°31	14°19	14°23	22°11	n.a.	W 5
T 6	16 49 14	12°10'50	4♉52	26°20	10°15	29°35	10°29	26° 4	27°55	28°22	2°31	14°19	14°20	22°17	n.a.	T 6
F 7	16 53 11	13° 7'56	16°44	28°13	11°29	0♍ 7	10°23	26° 4	27°55	28°21	2°32	14°20	14°17	22°24	n.a.	F 7
S 8	16 57 7	14° 5'03	28°34	0♋ 4	12°42	0°40	10°17	26° 5	27°55	28°20	2°33	14°R20	14°14	22°31	n.a.	S 8
S 9	17 1 4	15° 2'09	10♒24	1°53	13°56	1°13	10°11	26°R 5	27°54	28°19	2°34	14°20	14°10	22°37	n.a.	S 9
M10	17 5 0	15°59'16	22°19	3°40	15°10	1°45	10° 4	26° 5	27°54	28°18	2°35	14°20	14° 7	22°44	n.a.	M10
T 11	17 8 57	16°56'24	4♓21	5°25	16°24	2°19	9°58	26° 5	27°54	28°18	2°35	14°19	14° 4	22°51	n.a.	T 11
W12	17 12 53	17°53'31	16°35	7° 8	17°37	2°52	9°51	26° 4	27°53	28°17	2°36	14°D19	14° 1	22°57	n.a.	W12
T 13	17 16 50	18°50'40	29° 6	8°49	18°51	3°25	9°45	26° 4	27°53	28°16	2°37	14°19	13°58	23° 4	n.a.	T 13
F 14	17 20 46	19°47'49	11♈58	10°28	20° 5	3°59	9°38	26° 4	27°53	28°15	2°38	14°20	13°54	23°11	n.a.	F 14
S 15	17 24 43	20°44'59	25°13	12° 5	21°19	4°32	9°31	26° 3	27°52	28°14	2°39	14°20	13°51	23°17	n.a.	S 15
S 16	17 28 40	21°42'10	8♉54	13°40	22°33	5° 6	9°24	26° 2	27°52	28°13	2°40	14°21	13°48	23°24	n.a.	S 16
M17	17 32 36	22°39'21	23° 1	15°13	23°46	5°40	9°17	26° 2	27°51	28°12	2°41	14°21	13°45	23°31	n.a.	M17
T 18	17 36 33	23°36'33	7♊32	16°44	25° 0	6°14	9°10	26° 1	27°51	28°12	2°42	14°R22	13°42	23°37	n.a.	T 18
W19	17 40 29	24°33'46	22°21	18°14	26°14	6°49	9° 3	26° 0	27°50	28°11	2°43	14°22	13°39	23°44	n.a.	W19
T 20	17 44 26	25°30'59	7♋21	19°41	27°28	7°23	8°55	25°59	27°49	28°10	2°44	14°21	13°35	23°51	n.a.	T 20
F 21	17 48 22	26°28'13	22°24	21° 6	28°42	7°58	8°48	25°58	27°48	28°10	2°45	14°20	13°32	23°58	n.a.	F 21
S 22	17 52 19	27°25'27	7♌22	22°28	29°56	8°32	8°40	25°56	27°48	28° 9	2°47	14°19	13°29	24° 4	n.a.	S 22
S 23	17 56 16	28°22'41	22° 6	23°49	1♋10	9° 7	8°33	25°55	27°47	28° 8	2°48	14°17	13°26	24°11	n.a.	S 23
M24	18 0 12	29°19'56	6♍31	25° 8	2°24	9°42	8°25	25°54	27°46	28° 8	2°49	14°16	13°23	24°18	n.a.	M24
T 25	18 4 9	0♋17'12	20°34	26°24	3°38	10°17	8°18	25°52	27°45	28° 7	2°50	14°15	13°19	24°24	n.a.	T 25
W26	18 8 5	1°14'28	4♎13	27°38	4°52	10°53	8°10	25°51	27°44	28° 7	2°52	14°D15	13°16	24°31	n.a.	W26
T 27	18 12 2	2°11'44	17°29	28°50	6° 6	11°28	8° 2	25°49	27°43	28° 6	2°53	14°15	13°13	24°38	n.a.	T 27
F 28	18 15 58	3° 9'01	0♏25	29°59	7°20	12° 4	7°55	25°47	27°42	28° 6	2°54	14°16	13°10	24°44	n.a.	F 28
S 29	18 19 55	4° 6'18	13° 4	1♌ 6	8°33	12°39	7°47	25°45	27°41	28° 5	2°56	14°18	13° 7	24°51	n.a.	S 29
S 30	18 23 51	5♋ 3'36	25♏28	2♌10	9♋47	13♍15	7♉39	25♒43	27♒40	28♎ 5	2♍57	14♊19	13♊ 4	24♉58	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n47	9s31	3n28	24n46	1n46	21n13	0n 1	13n35	0n58	23s40	0s26	14s42	1s49	13s 3	0s46	9s12	1n59	25n50	16n19	22n46	22n48	24s59		n.a.
S 2	21 56	14 25	2 30	25 1	1 50	21 29	0 3	13 22	0 57	23 41	0 26	14 42	1 50	13 3	0 46	9 12	1 59	25 49	16 19	22 46	22 47	24 59		n.a.
M 3	22 5	18 38	1 27	25 13	1 53	21 44	0 6	13 10	0 55	23 41	0 26	14 42	1 50	13 3	0 46	9 11	1 59	25 48	16 19	22 46	22 47	24 59		n.a.
T 4	22 14	21 59	0 20	25 23	1 55	21 59	0 8	12 58	0 54	23 42	0 26	14 42	1 50	13 3	0 46	9 11	1 58	25 48	16 18	22 46	22 47	24 58		n.a.
W 5	22 22	24 17	0s47	25 31	1 56	22 13	0 10	12 45	0 53	23 43	0 27	14 42	1 50	13 3	0 46	9 11	1 58	25 47	16 18	22 46	22 46	24 58		n.a.
T 6	22 30	25 28	1 52	25 35	1 57	22 26	0 13	12 33	0 52	23 43	0 27	14 42	1 51	13 3	0 46	9 10	1 58	25 46	16 17	22 46	22 46	24 57		n.a.
F 7	22 37	25 27	2 50	25 38	1 57	22 39	0 15	12 20	0 50	23 44	0 27	14 42	1 51	13 3	0 47	9 10	1 58	25 45	16 17	22 46	22 46	24 57		n.a.
S 8	22 44	24 17	3 42	25 38	1 56	22 51	0 17	12 7	0 49	23 45	0 27	14 42	1 51	13 3	0 47	9 10	1 58	25 45	16 16	22 46	22 45	24 57		n.a.
S 9	22 51	22 2	4 24	25 36	1 55	23 3	0 20	11 54	0 48	23 45	0 27	14 42	1 51	13 3	0 47	9 9	1 58	25 44	16 16	22 46	22 45	24 56		n.a.
M10	22 57	18 51	4 54	25 32	1 53	23 14	0 22	11 41	0 47	23 46	0 28	14 43	1 52	13 4	0 47	9 9	1 58	25 43	16 15	22 46	22 44	24 56		n.a.
T 11	23 3	14 51	5 13	25 26	1 51	23 24	0 24	11 28	0 46	23 47	0 28	14 43	1 52	13 4	0 47	9 9	1 58	25 43	16 15	22 46	22 44	24 55		n.a.
W12	23 8	10 12	5 17	25 18	1 48	23 33	0 27	11 15	0 44	23 47	0 28	14 43	1 52	13 4	0 47	9 8	1 58	25 42	16 14	22 46	22 44	24 55		n.a.
T 13	23 13	5 3	5 7	25 8	1 44	23 42	0 29	11 2	0 43	23 48	0 28	14 44	1 52	13 4	0 47	9 8	1 58	25 41	16 14	22 46	22 43	24 54		n.a.
F 14	23 18	0n28	4 41	24 56	1 40	23 50	0 31	10 48	0 42	23 49	0 28	14 44	1 53	13 4	0 47	9 8	1 58	25 40	16 13	22 46	22 43	24 54		n.a.
S 15	23 22	6 8	4 0	24 43	1 35	23 58	0 33	10 35	0 41	23 50	0 29	14 44	1 53	13 4	0 47	9 8	1 58	25 39	16 13	22 46	22 43	24 53		n.a.
S 16	23 26	11 43	3 4	24 29	1 30	24 4	0 35	10 21	0 40	23 50	0 29	14 45	1 53	13 5	0 47	9 7	1 58	25 39	16 12	22 46	22 42	24 53		n.a.
M17	23 29	16 52	1 56	24 13	1 24	24 10	0 38	10 8	0 38	23 51	0 29	14 45	1 53	13 5	0 47	9 7	1 58	25 38	16 12	22 46	22 42	24 52		n.a.
T 18	23 32	21 11	0 38	23 56	1 18	24 16	0 40	9 54	0 37	23 52	0 29	14 46	1 54	13 5	0 47	9 7	1 58	25 37	16 12	22 46	22 41	24 52		n.a.
W19	23 35	24 12	0n44	23 37	1 11	24 20	0 42	9 40	0 36	23 52	0 29	14 46	1 54	13 5	0 47	9 7	1 58	25 36	16 11	22 46	22 41	24 51		n.a.
T 20	23 37	25 33	2 4	23 18	1 4	24 24	0 44	9 26	0 35	23 53	0 29	14 47	1 54	13 6	0 47	9 6	1 58	25 35	16 11	22 46	22 41	24 51		n.a.
F 21	23 39	25 1	3 15	22 57	0 57	24 27	0 46	9 12	0 34	23 54	0 30	14 48	1 54	13 6	0 47	9 6	1 58	25 35	16 10	22 46	22 40	24 50		n.a.
S 22	23 40	22 42	4 13	22 36	0 49	24 30	0 48	8 58	0 33	23 54	0 30	14 48	1 55	13 6	0 47	9 6	1 58	25 34	16 10	22 46	22 40	24 50		n.a.
S 23	23 41	18 54	4 53	22 14	0 41	24 31	0 50	8 43	0 32	23 55	0 30	14 49	1 55	13 7	0 47	9 6	1 57	25 33	16 9	22 46	22 39	24 49		n.a.
M24	23 42	14 3	5 13	21 51	0 32	24 32	0 52	8 29	0 30	23 56	0 30	14 50	1 55	13 7	0 47	9 6	1 57	25 32	16 9	22 45	22 39	24 48		n.a.
T 25	23 42	8 35	5 14	21 28	0 23	24 32	0 54	8 15	0 29	23 56	0 30	14 50	1 55	13 7	0 47	9 6	1 57	25 31	16 9	22 45	22 39	24 48		n.a.
W26	23 41	2 51	4 57	21 4	0 13	24 32	0 55	8 0	0 28	23 57	0 30	14 51	1 56	13 8	0 47	9 6	1 57	25 30	16 8	22 45	22 38	24 47		n.a.
T 27	23 41	2s52	4 25	20 40	0 3	24 30	0 57	7 45	0 27	23 58	0 31	14 52	1 56	13 8	0 47	9 5	1 57	25 29	16 8	22 45	22 38	24 47		n.a.
F 28	23 40	8 19	3 39	20 16	0s 7	24 28	0 59	7 31	0 26	23 58	0 31	14 53	1 56	13 8	0 47	9 5	1 57	25 29	16 7	22 46	22 37	24 46		n.a.
S 29	23 38	13 19	2 44	19 51	0 17	24 26	1 1	7 16	0 25	23 59	0 31	14 54	1 56	13 9	0 47	9 5	1 57	25 28	16 7	22 46	22 37	24 46		n.a.
S 30	23n36	17s41	1n42	19n26	0s28	24n22	1n 2	7n 1	0n24	23s59	0s31	14s55	1s57	13s 9	0s47	9s 5	1n57	25n27	16n 7	22n46	22n37	24s45		n.a.

Julian Day Number = 1718287.5, Delta T = 02h57m15s
Ecliptic obliquity = 23°41'48, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°10'49, Lahiri = - 4°03'48 Julian Calendar 1 June 9 BCE == Greg. Calendar 30 May 009 BCE

The year -08 astronomical counting style corresponds to year 009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 9 BCE
geocentric

JULY 9 BCE (-8) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 27 48	6♋ 0'55	7♐40	3♌12	11♋ 1	13♍51	7°R31	25°R41	27°R38	28°R 4	2♍58	14♊20	13♊ 0	25♉ 4	n.a.	M 1
T 2	18 31 45	6°58'15	19°44	4°11	12°15	14°27	7♉24	25♒39	27♒37	28♎ 4	3° 0	14°R20	12°57	25°11	n.a.	T 2
W 3	18 35 41	7°55'36	1♉41	5° 6	13°29	15° 3	7°16	25°37	27°36	28° 4	3° 1	14°19	12°54	25°18	n.a.	W 3
T 4	18 39 38	8°52'58	13°33	5°59	14°44	15°40	7° 8	25°34	27°35	28° 3	3° 3	14°17	12°51	25°24	n.a.	T 4
F 5	18 43 34	9°50'20	25°24	6°49	15°58	16°16	7° 0	25°32	27°33	28° 3	3° 4	14°13	12°48	25°31	n.a.	F 5
S 6	18 47 31	10°47'44	7♒14	7°35	17°12	16°53	6°53	25°29	27°32	28° 3	3° 6	14° 9	12°45	25°38	n.a.	S 6
S 7	18 51 27	11°45'09	19° 6	8°18	18°26	17°29	6°45	25°27	27°30	28° 3	3° 7	14° 5	12°41	25°44	n.a.	S 7
M 8	18 55 24	12°42'35	1♓ 2	8°57	19°40	18° 6	6°37	25°24	27°29	28° 3	3° 9	14° 0	12°38	25°51	n.a.	M 8
T 9	18 59 20	13°40'03	13° 6	9°32	20°54	18°43	6°29	25°21	27°28	28° 3	3°11	13°56	12°35	25°58	n.a.	T 9
W10	19 3 17	14°37'32	25°21	10° 3	22° 8	19°20	6°22	25°18	27°26	28° 2	3°12	13°53	12°32	26° 4	n.a.	W10
T 11	19 7 14	15°35'02	7♈50	10°30	23°22	19°57	6°14	25°15	27°24	28° 2	3°14	13°52	12°29	26°11	n.a.	T 11
F 12	19 11 10	16°32'34	20°37	10°52	24°36	20°35	6° 7	25°12	27°23	28°D 2	3°16	13°D51	12°25	26°18	n.a.	F 12
S 13	19 15 7	17°30'07	3♉46	11°10	25°50	21°12	5°59	25° 9	27°21	28° 2	3°17	13°52	12°22	26°25	n.a.	S 13
S 14	19 19 3	18°27'43	17°20	11°23	27° 4	21°50	5°52	25° 6	27°19	28° 2	3°19	13°54	12°19	26°31	n.a.	S 14
M15	19 23 0	19°25'19	1♊21	11°31	28°19	22°27	5°44	25° 3	27°18	28° 2	3°21	13°55	12°16	26°38	n.a.	M15
T 16	19 26 56	20°22'58	15°48	11°R33	29°33	23° 5	5°37	25° 0	27°16	28° 3	3°23	13°R56	12°13	26°45	n.a.	T 16
W17	19 30 53	21°20'38	0♋38	11°30	0♌47	23°43	5°30	24°56	27°14	28° 3	3°24	13°55	12°10	26°51	n.a.	W17
T 18	19 34 50	22°18'19	15°45	11°22	2° 1	24°21	5°22	24°53	27°12	28° 3	3°26	13°52	12° 6	26°58	n.a.	T 18
F 19	19 38 46	23°16'02	1♌ 0	11° 8	3°15	24°59	5°15	24°49	27°11	28° 3	3°28	13°47	12° 3	27° 5	n.a.	F 19
S 20	19 42 43	24°13'46	16°12	10°48	4°29	25°37	5° 8	24°46	27° 9	28° 3	3°30	13°42	12° 0	27°11	n.a.	S 20
S 21	19 46 39	25°11'32	1♍12	10°23	5°44	26°15	5° 2	24°42	27° 7	28° 4	3°32	13°36	11°57	27°18	n.a.	S 21
M22	19 50 36	26° 9'19	15°52	9°52	6°58	26°54	4°55	24°38	27° 5	28° 4	3°34	13°30	11°54	27°25	n.a.	M22
T 23	19 54 32	27° 7'07	0♎ 5	9°16	8°12	27°32	4°48	24°34	27° 3	28° 4	3°36	13°26	11°51	27°31	n.a.	T 23
W24	19 58 29	28° 4'56	13°49	8°35	9°26	28°11	4°41	24°31	27° 1	28° 5	3°37	13°23	11°47	27°38	n.a.	W24
T 25	20 2 25	29° 2'47	27° 6	7°50	10°41	28°50	4°35	24°27	26°59	28° 5	3°39	13°D22	11°44	27°45	n.a.	T 25
F 26	20 6 22	0♌ 0'38	9♏59	7° 1	11°55	29°29	4°29	24°23	26°57	28° 5	3°41	13°22	11°41	27°51	n.a.	F 26
S 27	20 10 18	0°58'32	22°30	6° 9	13° 9	0♎ 8	4°22	24°19	26°55	28° 6	3°43	13°23	11°38	27°58	n.a.	S 27
S 28	20 14 15	1°56'27	4♐45	5°15	14°23	0°47	4°16	24°15	26°53	28° 6	3°45	13°25	11°35	28° 5	n.a.	S 28
M29	20 18 12	2°54'23	16°49	4°20	15°37	1°26	4°10	24°10	26°50	28° 7	3°47	13°R25	11°31	28°11	n.a.	M29
T 30	20 22 8	3°52'20	28°44	3°26	16°52	2° 5	4° 5	24° 6	26°48	28° 7	3°49	13°24	11°28	28°18	n.a.	T 30
W31	20 26 5	4♌50'20	10♉35	2♌32	18♌ 6	2♎45	3♉59	24♒ 2	26♒46	28♎ 8	3♍51	13♊20	11♊25	28♉25	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23n33	21s13	0n37	19n 1	0s39	24n18	1n 4	6n46	0n23	24s 0	0s31	14s55	1s57	13s10	0s47	9s 5	1n57	25n26	16n 6	22n46	22n36	24s44			n.a.
T 2	23 31	23 47	0s30	18 36	0 50	24 13	1 6	6 31	0 22	24 1	0 31	14 56	1 57	13 10	0 47	9 5	1 57	25 25	16 6	22 46	22 36	24 44			n.a.
W 3	23 27	25 15	1 34	18 12	1 2	24 7	1 7	6 16	0 21	24 1	0 32	14 57	1 57	13 11	0 47	9 5	1 57	25 24	16 5	22 46	22 35	24 43			n.a.
T 4	23 24	25 33	2 34	17 48	1 13	24 1	1 9	6 1	0 20	24 2	0 32	14 58	1 58	13 11	0 47	9 5	1 57	25 23	16 5	22 46	22 35	24 43			n.a.
F 5	23 20	24 40	3 27	17 24	1 25	23 53	1 10	5 46	0 19	24 2	0 32	14 59	1 58	13 12	0 48	9 5	1 57	25 22	16 5	22 45	22 35	24 42			n.a.
S 6	23 15	22 42	4 11	17 0	1 37	23 45	1 11	5 30	0 18	24 3	0 32	15 1	1 58	13 12	0 48	9 5	1 57	25 21	16 4	22 45	22 34	24 41			n.a.
S 7	23 10	19 44	4 44	16 37	1 49	23 37	1 13	5 15	0 17	24 3	0 32	15 2	1 58	13 13	0 48	9 5	1 57	25 20	16 4	22 44	22 34	24 41			n.a.
M 8	23 5	15 57	5 5	16 15	2 2	23 28	1 14	4 59	0 16	24 4	0 32	15 3	1 58	13 13	0 48	9 5	1 57	25 19	16 4	22 44	22 33	24 40			n.a.
T 9	22 59	11 30	5 13	15 54	2 14	23 17	1 15	4 44	0 15	24 5	0 32	15 4	1 59	13 14	0 48	9 5	1 56	25 18	16 3	22 43	22 33	24 39			n.a.
W10	22 53	6 33	5 6	15 34	2 26	23 7	1 16	4 28	0 14	24 5	0 33	15 5	1 59	13 14	0 48	9 5	1 56	25 18	16 3	22 43	22 33	24 39			n.a.
T 11	22 47	1 14	4 46	15 15	2 39	22 55	1 17	4 13	0 13	24 6	0 33	15 6	1 59	13 15	0 48	9 5	1 56	25 17	16 3	22 43	22 32	24 38			n.a.
F 12	22 40	4n16	4 11	14 57	2 51	22 43	1 19	3 57	0 12	24 6	0 33	15 8	1 59	13 15	0 48	9 5	1 56	25 16	16 2	22 43	22 32	24 37			n.a.
S 13	22 32	9 45	3 22	14 41	3 3	22 30	1 20	3 41	0 11	24 7	0 33	15 9	1 59	13 16	0 48	9 5	1 56	25 15	16 2	22 43	22 31	24 37			n.a.
S 14	22 25	14 57	2 20	14 26	3 14	22 17	1 20	3 25	0 10	24 7	0 33	15 10	2 0	13 17	0 48	9 5	1 56	25 14	16 2	22 43	22 31	24 36			n.a.
M15	22 16	19 32	1 8	14 13	3 26	22 3	1 21	3 9	0 9	24 7	0 33	15 11	2 0	13 17	0 48	9 5	1 56	25 13	16 1	22 43	22 30	24 35			n.a.
T 16	22 8	23 6	0n10	14 2	3 37	21 48	1 22	2 53	0 8	24 8	0 33	15 13	2 0	13 18	0 48	9 5	1 56	25 12	16 1	22 43	22 30	24 35			n.a.
W17	21 59	25 11	1 30	13 53	3 47	21 33	1 23	2 37	0 7	24 8	0 33	15 14	2 0	13 19	0 48	9 5	1 56	25 11	16 1	22 43	22 30	24 34			n.a.
T 18	21 50	25 29	2 44	13 46	3 57	21 17	1 24	2 21	0 6	24 9	0 34	15 15	2 0	13 19	0 48	9 5	1 56	25 10	16 0	22 43	22 29	24 33			n.a.
F 19	21 40	23 51	3 48	13 41	4 6	21 0	1 24	2 5	0 5	24 9	0 34	15 17	2 1	13 20	0 48	9 6	1 56	25 9	16 0	22 42	22 29	24 32			n.a.
S 20	21 30	20 31	4 35	13 39	4 14	20 43	1 25	1 49	0 4	24 9	0 34	15 18	2 1	13 21	0 48	9 6	1 56	25 8	16 0	22 41	22 28	24 32			n.a.
S 21	21 20	15 51	5 2	13 39	4 21	20 25	1 25	1 33	0 3	24 10	0 34	15 20	2 1	13 21	0 48	9 6	1 56	25 7	15 59	22 41	22 28	24 31			n.a.
M22	21 9	10 22	5 9	13 41	4 26	20 7	1 26	1 17	0 2	24 10	0 34	15 21	2 1	13 22	0 48	9 6	1 56	25 6	15 59	22 40	22 27	24 30			n.a.
T 23	20 58	4 30	4 57	13 46	4 31	19 48	1 26	1 0	0 1	24 11	0 34	15 23	2 1	13 23	0 48	9 6	1 56	25 5	15 59	22 39	22 27	24 29			n.a.
W24	20 46	1s25	4 27	13 54	4 34	19 28	1 26	0 44	0 0	24 11	0 34	15 24	2 2	13 23	0 48	9 6	1 55	25 4	15 59	22 39	22 27	24 29			n.a.
T 25	20 34	7 4	3 44	14 5	4 35	19 8	1 27	0 27	0s 1	24 11	0 34	15 25	2 2	13 24	0 48	9 7	1 55	25 3	15 58	22 39	22 26	24 28			n.a.
F 26	20 22	12 16	2 51	14 17	4 35	18 47	1 27	0 11	0 2	24 12	0 34	15 27	2 2	13 25	0 48	9 7	1 55	25 2	15 58	22 39	22 26	24 27			n.a.
S 27	20 9	16 49	1 51	14 32	4 32	18 26	1 27	0s 5	0 3	24 12	0 34	15 28	2 2	13 26	0 48	9 7	1 55	25 1	15 58	22 39	22 25	24 26			n.a.
S 28	19 56	20 33	0 47	14 50	4 28	18 5	1 27	0 22	0 3	24 12	0 35	15 30	2 2	13 26	0 48	9 7	1 55	25 0	15 58	22 39	22 25	24 26			n.a.
M29	19 43	23 20	0s18	15 9	4 22	17 42	1 27	0 39	0 4	24 12	0 35	15 32	2 2	13 27	0 48	9 8	1 55	24 59	15 57	22 39	22 24	24 25			n.a.
T 30	19 30	25 3	1 22	15 29	4 13	17 20	1 27	0 55	0 5	24 13	0 35	15 33	2 2	13 28	0 48	9 8	1 55	24 58	15 57	22 39	22 24	24 24			n.a.
W31	19n16	25s37	2s21	15n51	4s 3	16n57	1n27	1s12	0s 6	24s13	0s35	15s35	2s 3	13s29	0s48	9s 8	1n55	24n57	15n57	22n39	22n24	24s23			n.a.

Julian Day Number = 1718317.5, Delta T = 02h57m14s
Ecliptic obliquity = 23°41'48, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°10'45, Lahiri = - 4°03'44 Julian Calendar 1 July 9 BCE == Greg. Calendar 29 June 009 BCE

The year -08 astronomical counting style corresponds to year 009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 9 BCE
geocentric

AUGUST 9 BCE (-8) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 30 1	5♌48'21	22♉25	1°R41	19♌20	3♎24	3°R53	23°R58	26°R44	28♎ 9	3♍54	13°R14	11♊22	28♉32	n.a.	T 1
F 2	20 33 58	6°46'23	4♒15	0♌53	20°34	4° 4	3♉48	23♒53	26♒42	28° 9	3°56	13♊ 6	11°19	28°38	n.a.	F 2
S 3	20 37 54	7°44'27	16° 8	0°10	21°49	4°43	3°43	23°49	26°40	28°10	3°58	12°57	11°16	28°45	n.a.	S 3
S 4	20 41 51	8°42'33	28° 6	29♋32	23° 3	5°23	3°38	23°45	26°37	28°11	4° 0	12°46	11°12	28°52	n.a.	S 4
M 5	20 45 48	9°40'41	10♓ 9	29° 1	24°17	6° 3	3°33	23°40	26°35	28°11	4° 2	12°35	11° 9	28°58	n.a.	M 5
T 6	20 49 44	10°38'51	22°19	28°38	25°31	6°43	3°28	23°36	26°33	28°12	4° 4	12°26	11° 6	29° 5	n.a.	T 6
W 7	20 53 41	11°37'03	4♈39	28°22	26°46	7°23	3°23	23°31	26°30	28°13	4° 6	12°18	11° 3	29°12	n.a.	W 7
T 8	20 57 37	12°35'17	17°11	28°D14	28° 0	8° 3	3°19	23°27	26°28	28°14	4° 8	12°13	11° 0	29°18	n.a.	T 8
F 9	21 1 34	13°33'33	29°57	28°16	29°14	8°43	3°14	23°22	26°26	28°15	4°10	12°10	10°57	29°25	n.a.	F 9
S 10	21 5 30	14°31'51	13♉ 2	28°26	0♍29	9°24	3°10	23°18	26°24	28°16	4°13	12°D 9	10°53	29°32	n.a.	S 10
S 11	21 9 27	15°30'12	26°28	28°45	1°43	10° 4	3° 6	23°13	26°21	28°16	4°15	12° 9	10°50	29°38	n.a.	S 11
M12	21 13 23	16°28'34	10♊18	29°13	2°57	10°45	3° 3	23° 9	26°19	28°17	4°17	12°R10	10°47	29°45	n.a.	M12
T 13	21 17 20	17°26'59	24°33	29°50	4°11	11°25	2°59	23° 4	26°16	28°18	4°19	12° 9	10°44	29°52	n.a.	T 13
W14	21 21 16	18°25'27	9♋11	0♌35	5°26	12° 6	2°56	22°59	26°14	28°19	4°21	12° 7	10°41	29°59	n.a.	W14
T 15	21 25 13	19°23'56	24° 9	1°28	6°40	12°47	2°52	22°55	26°12	28°20	4°24	12° 2	10°37	0♒ 5	n.a.	T 15
F 16	21 29 10	20°22'28	9♌19	2°28	7°54	13°28	2°49	22°50	26° 9	28°22	4°26	11°54	10°34	0°12	n.a.	F 16
S 17	21 33 6	21°21'01	24°32	3°36	9° 8	14° 9	2°46	22°45	26° 7	28°23	4°28	11°44	10°31	0°19	n.a.	S 17
S 18	21 37 3	22°19'37	9♍37	4°50	10°23	14°50	2°44	22°41	26° 4	28°24	4°30	11°34	10°28	0°25	n.a.	S 18
M19	21 40 59	23°18'14	24°23	6°10	11°37	15°31	2°41	22°36	26° 2	28°25	4°33	11°24	10°25	0°32	n.a.	M19
T 20	21 44 56	24°16'53	8♎44	7°35	12°51	16°12	2°39	22°32	26° 0	28°26	4°35	11°16	10°22	0°39	n.a.	T 20
W21	21 48 52	25°15'35	22°35	9° 5	14° 6	16°54	2°37	22°27	25°57	28°27	4°37	11° 9	10°18	0°45	n.a.	W21
T 22	21 52 49	26°14'17	5♏57	10°38	15°20	17°35	2°35	22°22	25°55	28°29	4°39	11° 6	10°15	0°52	n.a.	T 22
F 23	21 56 45	27°13'02	18°52	12°16	16°34	18°17	2°33	22°18	25°52	28°30	4°42	11° 4	10°12	0°59	n.a.	F 23
S 24	22 0 42	28°11'49	1♐24	13°56	17°48	18°59	2°32	22°13	25°50	28°31	4°44	11°D 4	10° 9	1° 5	n.a.	S 24
S 25	22 4 39	29°10'37	13°37	15°39	19° 3	19°40	2°30	22° 8	25°48	28°33	4°46	11°R 4	10° 6	1°12	n.a.	S 25
M26	22 8 35	0♍ 9'27	25°37	17°23	20°17	20°22	2°29	22° 4	25°45	28°34	4°48	11° 3	10° 3	1°19	n.a.	M26
T 27	22 12 32	1° 8'19	7♑30	19°10	21°31	21° 4	2°28	21°59	25°43	28°35	4°51	11° 1	9°59	1°26	n.a.	T 27
W28	22 16 28	2° 7'13	19°19	20°57	22°45	21°46	2°27	21°55	25°40	28°37	4°53	10°55	9°56	1°32	n.a.	W28
T 29	22 20 25	3° 6'09	1♒ 9	22°45	24° 0	22°28	2°27	21°50	25°38	28°38	4°55	10°47	9°53	1°39	n.a.	T 29
F 30	22 24 21	4° 5'07	13° 2	24°34	25°14	23°10	2°26	21°46	25°36	28°40	4°58	10°37	9°50	1°46	n.a.	F 30
S 31	22 28 18	5♍ 4'07	25♒ 1	26♌23	26♍28	23♎52	2°D26	21♒41	25♒33	28♎41	5♍ 0	10♊24	9♊47	1♒52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	19n 1	25s 0	3s14	16n14	3s52	16n33	1n26	1s28	0s 7	24s13	0s35	15s36	2s 3	13s29	0s48	9s 8	1n55	24n56	15n57	22n38	22n23	24s22			n.a.
F 2	18 47	23 15	3 58	16 38	3 38	16 9	1 26	1 45	0 8	24 13	0 35	15 38	2 3	13 30	0 48	9 9	1 55	24 55	15 57	22 37	22 23	24 22			n.a.
S 3	18 32	20 29	4 32	17 1	3 23	15 44	1 26	2 2	0 9	24 14	0 35	15 39	2 3	13 31	0 48	9 9	1 55	24 54	15 56	22 36	22 22	24 21			n.a.
S 4	18 17	16 52	4 55	17 25	3 7	15 19	1 25	2 18	0 10	24 14	0 35	15 41	2 3	13 32	0 48	9 9	1 55	24 53	15 56	22 34	22 22	24 20			n.a.
M 5	18 1	12 32	5 4	17 48	2 50	14 54	1 25	2 35	0 10	24 14	0 35	15 43	2 3	13 33	0 48	9 10	1 55	24 52	15 56	22 33	22 21	24 19			n.a.
T 6	17 45	7 40	5 0	18 10	2 33	14 28	1 24	2 52	0 11	24 14	0 35	15 44	2 3	13 33	0 48	9 10	1 55	24 51	15 56	22 32	22 21	24 18			n.a.
W 7	17 29	2 26	4 42	18 31	2 14	14 2	1 24	3 9	0 12	24 14	0 35	15 46	2 4	13 34	0 48	9 10	1 55	24 51	15 56	22 31	22 20	24 17			n.a.
T 8	17 13	2n58	4 10	18 51	1 56	13 36	1 23	3 26	0 13	24 15	0 35	15 47	2 4	13 35	0 48	9 11	1 54	24 50	15 56	22 30	22 20	24 16			n.a.
F 9	16 56	8 23	3 25	19 8	1 37	13 9	1 22	3 42	0 14	24 15	0 35	15 49	2 4	13 36	0 48	9 11	1 54	24 49	15 56	22 30	22 20	24 16			n.a.
S 10	16 39	13 33	2 29	19 24	1 19	12 41	1 21	3 59	0 15	24 15	0 35	15 51	2 4	13 37	0 48	9 11	1 54	24 48	15 55	22 30	22 19	24 15			n.a.
S 11	16 22	18 14	1 23	19 38	1 1	12 14	1 21	4 16	0 15	24 15	0 36	15 52	2 4	13 37	0 48	9 12	1 54	24 47	15 55	22 30	22 19	24 14			n.a.
M12	16 4	22 4	0 10	19 50	0 43	11 46	1 20	4 33	0 16	24 15	0 36	15 54	2 4	13 38	0 48	9 12	1 54	24 46	15 55	22 30	22 18	24 13			n.a.
T 13	15 46	24 40	1n 5	19 59	0 26	11 18	1 19	4 50	0 17	24 15	0 36	15 56	2 4	13 39	0 48	9 13	1 54	24 45	15 55	22 30	22 18	24 12			n.a.
W14	15 28	25 41	2 19	20 5	0 10	10 49	1 18	5 6	0 18	24 16	0 36	15 57	2 4	13 40	0 48	9 13	1 54	24 44	15 55	22 29	22 17	24 11			n.a.
T 15	15 10	24 51	3 24	20 8	0n 5	10 20	1 16	5 23	0 19	24 16	0 36	15 59	2 4	13 41	0 48	9 14	1 54	24 43	15 55	22 29	22 17	24 10			n.a.
F 16	14 51	22 12	4 15	20 8	0 20	9 51	1 15	5 40	0 20	24 16	0 36	16 0	2 4	13 41	0 48	9 14	1 54	24 42	15 55	22 27	22 16	24 9			n.a.
S 17	14 32	18 1	4 49	20 6	0 33	9 22	1 14	5 57	0 20	24 16	0 36	16 2	2 4	13 42	0 48	9 14	1 54	24 41	15 55	22 26	22 16	24 8			n.a.
S 18	14 13	12 42	5 2	20 0	0 45	8 52	1 13	6 14	0 21	24 16	0 36	16 4	2 5	13 43	0 48	9 15	1 54	24 40	15 55	22 25	22 15	24 7			n.a.
M19	13 54	6 45	4 54	19 51	0 57	8 23	1 11	6 31	0 22	24 16	0 36	16 5	2 5	13 44	0 48	9 15	1 54	24 39	15 55	22 23	22 15	24 7			n.a.
T 20	13 34	0 37	4 28	19 39	1 7	7 52	1 10	6 47	0 23	24 16	0 36	16 7	2 5	13 45	0 48	9 16	1 54	24 38	15 55	22 22	22 15	24 6			n.a.
W21	13 14	5s22	3 47	19 24	1 16	7 22	1 8	7 4	0 23	24 16	0 36	16 8	2 5	13 46	0 48	9 16	1 54	24 37	15 54	22 21	22 14	24 5			n.a.
T 22	12 54	10 54	2 55	19 6	1 24	6 52	1 7	7 21	0 24	24 16	0 36	16 10	2 5	13 46	0 48	9 17	1 54	24 37	15 54	22 21	22 14	24 4			n.a.
F 23	12 34	15 47	1 55	18 45	1 31	6 21	1 5	7 38	0 25	24 16	0 36	16 12	2 5	13 47	0 48	9 17	1 54	24 36	15 54	22 21	22 13	24 3			n.a.
S 24	12 14	19 50	0 51	18 22	1 36	5 50	1 3	7 54	0 26	24 16	0 36	16 13	2 5	13 48	0 48	9 18	1 53	24 35	15 54	22 21	22 13	24 2			n.a.
S 25	11 53	22 54	0s14	17 56	1 41	5 19	1 2	8 11	0 26	24 16	0 36	16 15	2 5	13 49	0 48	9 18	1 53	24 34	15 54	22 21	22 12	24 1			n.a.
M26	11 32	24 54	1 16	17 27	1 45	4 48	1 0	8 28	0 27	24 17	0 36	16 16	2 5	13 50	0 48	9 19	1 53	24 33	15 54	22 20	22 12	24 0			n.a.
T 27	11 11	25 44	2 15	16 57	1 48	4 17	0 58	8 44	0 28	24 17	0 36	16 18	2 5	13 51	0 48	9 19	1 53	24 32	15 54	22 20	22 11	23 59			n.a.
W28	10 50	25 23	3 8	16 24	1 50	3 46	0 56	9 1	0 29	24 17	0 36	16 19	2 5	13 51	0 48	9 20	1 53	24 31	15 54	22 19	22 11	23 58			n.a.
T 29	10 29	23 53	3 52	15 50	1 51	3 14	0 54	9 17	0 29	24 17	0 36	16 21	2 5	13 52	0 48	9 21	1 53	24 30	15 54	22 18	22 10	23 57			n.a.
F 30	10 7	21 20	4 26	15 14	1 52	2 43	0 52	9 34	0 30	24 17	0 36	16 22	2 5	13 53	0 48	9 21	1 53	24 29	15 54	22 17	22 10	23 56			n.a.
S 31	9n45	17s51	4s49	14n36	1n52	2n11	0n50	9s50	0s31	24s17	0s36	16s24	2s 5	13s54	0s48	9s22	1n53	24n29	15n54	22n15	22n 9	23s55			n.a.

Julian Day Number = 1718348.5, Delta T = 02h57m14s
Ecliptic obliquity = 23°41'48, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°10'41, Lahiri = - 4°03'40 Julian Calendar 1 Aug. 9 BCE == Greg. Calendar 30 July 009 BCE

The year -08 astronomical counting style corresponds to year 009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 9 BCE
geocentric

SEPTEMBER 9 BCE (-8) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 32 14	6♍ 3'09	7♓ 7	28♌12	27♍42	24♎35	2♑26	21°R37	25°R31	28♎43	5♍ 2	10°R10	9♊43	1♒59	n.a.	S 1
M 2	22 36 11	7° 2'13	19°21	0♍ 1	28°56	25°17	2°27	21♒32	25♒29	28°44	5° 5	9♊56	9°40	2° 6	n.a.	M 2
T 3	22 40 8	8° 1'19	1♈44	1°50	0♎11	26° 0	2°27	21°28	25°26	28°46	5° 7	9°43	9°37	2°12	n.a.	T 3
W 4	22 44 4	9° 0'27	14°16	3°38	1°25	26°42	2°28	21°24	25°24	28°47	5° 9	9°32	9°34	2°19	n.a.	W 4
T 5	22 48 1	9°59'38	26°59	5°26	2°39	27°25	2°28	21°19	25°22	28°49	5°11	9°24	9°31	2°26	n.a.	T 5
F 6	22 51 57	10°58'51	9♉54	7°14	3°53	28° 8	2°29	21°15	25°19	28°51	5°14	9°20	9°28	2°32	n.a.	F 6
S 7	22 55 54	11°58'06	23° 2	9° 1	5° 7	28°50	2°31	21°11	25°17	28°52	5°16	9°17	9°24	2°39	n.a.	S 7
S 8	22 59 50	12°57'24	6♊27	10°47	6°21	29°33	2°32	21° 7	25°15	28°54	5°18	9°17	9°21	2°46	n.a.	S 8
M 9	23 3 47	13°56'45	20° 9	12°32	7°36	0♏16	2°34	21° 3	25°13	28°56	5°20	9°17	9°18	2°53	n.a.	M 9
T 10	23 7 43	14°56'08	4♋11	14°17	8°50	0°59	2°35	20°59	25°10	28°57	5°23	9°16	9°15	2°59	n.a.	T 10
W11	23 11 40	15°55'33	18°33	16° 1	10° 4	1°42	2°37	20°55	25° 8	28°59	5°25	9°13	9°12	3° 6	n.a.	W11
T 12	23 15 36	16°55'01	3♌12	17°45	11°18	2°26	2°40	20°51	25° 6	29° 1	5°27	9° 8	9° 9	3°13	n.a.	T 12
F 13	23 19 33	17°54'31	18° 3	19°27	12°32	3° 9	2°42	20°47	25° 4	29° 3	5°30	8°59	9° 5	3°19	n.a.	F 13
S 14	23 23 30	18°54'04	2♍59	21° 9	13°46	3°52	2°45	20°43	25° 2	29° 5	5°32	8°49	9° 2	3°26	n.a.	S 14
S 15	23 27 26	19°53'38	17°51	22°51	15° 0	4°36	2°47	20°39	24°59	29° 6	5°34	8°37	8°59	3°33	n.a.	S 15
M16	23 31 23	20°53'15	2♎30	24°31	16°14	5°19	2°50	20°35	24°57	29° 8	5°36	8°26	8°56	3°39	n.a.	M16
T 17	23 35 19	21°52'53	16°49	26°11	17°29	6° 3	2°53	20°32	24°55	29°10	5°38	8°16	8°53	3°46	n.a.	T 17
W18	23 39 16	22°52'34	0♏41	27°50	18°43	6°47	2°57	20°28	24°53	29°12	5°41	8° 9	8°49	3°53	n.a.	W18
T 19	23 43 12	23°52'17	14° 6	29°29	19°57	7°30	3° 0	20°25	24°51	29°14	5°43	8° 4	8°46	4° 0	n.a.	T 19
F 20	23 47 9	24°52'01	27° 5	1♎ 6	21°11	8°14	3° 4	20°21	24°49	29°16	5°45	8° 2	8°43	4° 6	n.a.	F 20
S 21	23 51 5	25°51'47	9♐39	2°44	22°25	8°58	3° 8	20°18	24°47	29°18	5°47	8°D 1	8°40	4°13	n.a.	S 21
S 22	23 55 2	26°51'36	21°55	4°20	23°39	9°42	3°12	20°15	24°45	29°20	5°49	8°R 2	8°37	4°20	n.a.	S 22
M23	23 58 59	27°51'26	3♑57	5°56	24°53	10°26	3°16	20°12	24°43	29°22	5°52	8° 2	8°34	4°26	n.a.	M23
T 24	0 2 55	28°51'18	15°50	7°31	26° 7	11°10	3°21	20° 8	24°42	29°24	5°54	8° 0	8°30	4°33	n.a.	T 24
W25	0 6 52	29°51'11	27°40	9° 6	27°21	11°54	3°25	20° 5	24°40	29°26	5°56	7°56	8°27	4°40	n.a.	W25
T 26	0 10 48	0♎51'06	9♒31	10°40	28°35	12°38	3°30	20° 2	24°38	29°28	5°58	7°50	8°24	4°46	n.a.	T 26
F 27	0 14 45	1°51'04	21°27	12°14	29°49	13°23	3°35	20° 0	24°36	29°30	6° 0	7°41	8°21	4°53	n.a.	F 27
S 28	0 18 41	2°51'02	3♓32	13°47	1♏ 3	14° 7	3°40	19°57	24°34	29°32	6° 2	7°31	8°18	5° 0	n.a.	S 28
S 29	0 22 38	3°51'03	15°48	15°20	2°17	14°52	3°45	19°54	24°33	29°34	6° 4	7°19	8°14	5° 7	n.a.	S 29
M30	0 26 34	4♎51'06	28♓15	16♎52	3♏31	15♏36	3♑51	19♒52	24♒31	29♎36	6♍ 6	7♊ 7	8♊11	5♒13	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n23	13s37	4s59	13n57	1n51	1n39	0n48	10s 7	0s31	24s17	0s36	16s25	2s 5	13s55	0s48	9s22	1n53	24n28	15n55	22n13	22n 9	23s54		n.a.
M 2	9 1	8 47	4 56	13 17	1 49	1 7	0 46	10 23	0 32	24 17	0 36	16 27	2 5	13 55	0 48	9 23	1 53	24 27	15 55	22 11	22 8	23 53		n.a.
T 3	8 39	3 33	4 38	12 36	1 47	0 36	0 43	10 39	0 33	24 17	0 36	16 28	2 5	13 56	0 48	9 24	1 53	24 26	15 55	22 9	22 8	23 52		n.a.
W 4	8 17	1n54	4 7	11 54	1 45	0 4	0 41	10 56	0 34	24 17	0 36	16 30	2 5	13 57	0 48	9 24	1 53	24 25	15 55	22 7	22 7	23 51		n.a.
T 5	7 54	7 21	3 23	11 11	1 42	0s28	0 39	11 12	0 34	24 17	0 36	16 31	2 5	13 58	0 48	9 25	1 53	24 25	15 55	22 6	22 7	23 50		n.a.
F 6	7 32	12 36	2 28	10 28	1 38	1 0	0 37	11 28	0 35	24 17	0 36	16 32	2 5	13 59	0 48	9 25	1 53	24 24	15 55	22 5	22 6	23 49		n.a.
S 7	7 9	17 22	1 25	9 44	1 35	1 32	0 34	11 44	0 36	24 17	0 36	16 34	2 5	13 59	0 48	9 26	1 53	24 23	15 55	22 5	22 6	23 47		n.a.
S 8	6 46	21 22	0 15	9 0	1 30	2 4	0 32	12 0	0 36	24 17	0 36	16 35	2 5	14 0	0 48	9 27	1 53	24 22	15 55	22 5	22 5	23 46		n.a.
M 9	6 23	24 17	0n57	8 15	1 26	2 36	0 29	12 16	0 37	24 17	0 36	16 36	2 5	14 1	0 48	9 27	1 53	24 21	15 55	22 5	22 5	23 45		n.a.
T 10	6 0	25 45	2 8	7 30	1 21	3 7	0 27	12 32	0 38	24 17	0 36	16 38	2 5	14 2	0 48	9 28	1 53	24 21	15 55	22 5	22 5	23 44		n.a.
W11	5 37	25 33	3 11	6 44	1 16	3 39	0 24	12 47	0 38	24 17	0 36	16 39	2 5	14 2	0 48	9 29	1 53	24 20	15 55	22 4	22 4	23 43		n.a.
T 12	5 13	23 36	4 4	5 59	1 11	4 11	0 22	13 3	0 39	24 17	0 36	16 40	2 5	14 3	0 48	9 29	1 53	24 19	15 56	22 3	22 4	23 42		n.a.
F 13	4 50	20 2	4 41	5 13	1 5	4 43	0 19	13 19	0 39	24 17	0 36	16 41	2 5	14 4	0 48	9 30	1 53	24 18	15 56	22 2	22 3	23 41		n.a.
S 14	4 26	15 9	4 59	4 27	0 59	5 14	0 17	13 34	0 40	24 17	0 36	16 43	2 5	14 4	0 48	9 31	1 52	24 18	15 56	22 0	22 3	23 40		n.a.
S 15	4 3	9 23	4 57	3 41	0 54	5 45	0 14	13 50	0 41	24 17	0 36	16 44	2 5	14 5	0 48	9 31	1 52	24 17	15 56	21 59	22 2	23 39		n.a.
M16	3 39	3 11	4 35	2 55	0 47	6 17	0 11	14 5	0 41	24 16	0 36	16 45	2 5	14 6	0 48	9 32	1 52	24 16	15 56	21 57	22 2	23 38		n.a.
T 17	3 15	3s 3	3 56	2 10	0 41	6 48	0 9	14 20	0 42	24 16	0 37	16 46	2 5	14 7	0 48	9 33	1 52	24 16	15 56	21 55	22 1	23 36		n.a.
W18	2 51	8 58	3 4	1 24	0 35	7 19	0 6	14 35	0 43	24 16	0 37	16 47	2 5	14 7	0 48	9 34	1 52	24 15	15 57	21 54	22 1	23 35		n.a.
T 19	2 28	14 17	2 3	0 39	0 28	7 50	0 3	14 51	0 43	24 16	0 37	16 48	2 4	14 8	0 48	9 34	1 52	24 14	15 57	21 53	22 0	23 34		n.a.
F 20	2 4	18 47	0 58	0s 7	0 22	8 21	0 0	15 5	0 44	24 16	0 37	16 49	2 4	14 9	0 48	9 35	1 52	24 14	15 57	21 53	22 0	23 33		n.a.
S 21	1 40	22 17	0s 9	0 52	0 15	8 51	0s 2	15 20	0 44	24 16	0 37	16 50	2 4	14 9	0 48	9 36	1 52	24 13	15 57	21 53	21 59	23 32		n.a.
S 22	1 16	24 40	1 13	1 36	0 9	9 21	0 5	15 35	0 45	24 16	0 37	16 51	2 4	14 10	0 48	9 36	1 52	24 12	15 57	21 53	21 59	23 31		n.a.
M23	0 52	25 51	2 13	2 21	0 2	9 51	0 8	15 50	0 45	24 16	0 37	16 52	2 4	14 10	0 48	9 37	1 52	24 12	15 58	21 53	21 58	23 29		n.a.
T 24	0 28	25 50	3 7	3 5	0s 5	10 21	0 11	16 4	0 46	24 16	0 37	16 53	2 4	14 11	0 48	9 38	1 52	24 11	15 58	21 53	21 58	23 28		n.a.
W25	0 4	24 38	3 52	3 49	0 11	10 51	0 14	16 19	0 47	24 16	0 37	16 54	2 4	14 12	0 48	9 39	1 52	24 10	15 58	21 52	21 57	23 27		n.a.
T 26	0s21	22 21	4 27	4 33	0 18	11 20	0 16	16 33	0 47	24 16	0 37	16 55	2 4	14 12	0 48	9 39	1 52	24 10	15 58	21 51	21 57	23 26		n.a.
F 27	0 45	19 5	4 51	5 16	0 25	11 50	0 19	16 47	0 48	24 15	0 37	16 56	2 4	14 13	0 48	9 40	1 52	24 9	15 59	21 50	21 56	23 25		n.a.
S 28	1 9	15 0	5 2	5 59	0 32	12 18	0 22	17 1	0 48	24 15	0 37	16 56	2 4	14 13	0 48	9 41	1 52	24 9	15 59	21 48	21 56	23 24		n.a.
S 29	1 33	10 15	4 59	6 41	0 38	12 47	0 25	17 15	0 49	24 15	0 37	16 57	2 4	14 14	0 48	9 42	1 52	24 8	15 59	21 46	21 55	23 22		n.a.
M30	1s57	5s 1	4s43	7s23	0s45	13s15	0s28	17s28	0s49	24s15	0s37	16s58	2s 3	14s14	0s48	9s42	1n52	24n 8	15n59	21n44	21n55	23s21		n.a.

Julian Day Number = 1718379.5, Delta T = 02h57m13s
Ecliptic obliquity = 23°41'49, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°10'36, Lahiri = - 4°03'36 Julian Calendar 1 Sept. 9 BCE == Greg. Calendar 30 Aug. 009 BCE

The year -08 astronomical counting style corresponds to year 009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 9 BCE
geocentric

OCTOBER 9 BCE (-8) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 30 31	5♎51'10	10♈54	18♎24	4♏44	16♏21	3♑57	19°R49	24°R29	29♎38	6♍ 8	6°R56	8♊ 8	5♒20	n.a.	T 1
W 2	0 34 27	6°51'17	23°46	19°55	5°58	17° 5	4° 2	19♒47	24♒28	29°40	6°11	6♊47	8° 5	5°27	n.a.	W 2
T 3	0 38 24	7°51'25	6♉48	21°26	7°12	17°50	4° 8	19°44	24°26	29°42	6°13	6°40	8° 2	5°33	n.a.	T 3
F 4	0 42 21	8°51'36	20° 1	22°56	8°26	18°35	4°15	19°42	24°25	29°44	6°15	6°37	7°59	5°40	n.a.	F 4
S 5	0 46 17	9°51'49	3♊25	24°25	9°40	19°20	4°21	19°40	24°23	29°47	6°17	6°D35	7°55	5°47	n.a.	S 5
S 6	0 50 14	10°52'04	17° 0	25°55	10°54	20° 4	4°27	19°38	24°22	29°49	6°19	6°36	7°52	5°53	n.a.	S 6
M 7	0 54 10	11°52'21	0♋46	27°23	12° 7	20°49	4°34	19°36	24°20	29°51	6°20	6°36	7°49	6° 0	n.a.	M 7
T 8	0 58 7	12°52'40	14°44	28°52	13°21	21°34	4°41	19°34	24°19	29°53	6°22	6°R37	7°46	6° 7	n.a.	T 8
W 9	1 2 3	13°53'02	28°54	0♏19	14°35	22°19	4°48	19°32	24°18	29°55	6°24	6°36	7°43	6°14	n.a.	W 9
T 10	1 6 0	14°53'25	13♌13	1°46	15°49	23° 5	4°55	19°31	24°16	29°57	6°26	6°33	7°40	6°20	n.a.	T 10
F 11	1 9 56	15°53'51	27°40	3°13	17° 2	23°50	5° 2	19°29	24°15	29°59	6°28	6°27	7°36	6°27	n.a.	F 11
S 12	1 13 53	16°54'18	12♍10	4°39	18°16	24°35	5°10	19°28	24°14	0♏ 2	6°30	6°20	7°33	6°34	n.a.	S 12
S 13	1 17 50	17°54'48	26°36	6° 4	19°30	25°20	5°17	19°26	24°13	0° 4	6°32	6°12	7°30	6°40	n.a.	S 13
M14	1 21 46	18°55'19	10♎53	7°29	20°44	26° 6	5°25	19°25	24°12	0° 6	6°34	6° 4	7°27	6°47	n.a.	M14
T 15	1 25 43	19°55'52	24°54	8°52	21°57	26°51	5°33	19°24	24°11	0° 8	6°35	5°57	7°24	6°54	n.a.	T 15
W16	1 29 39	20°56'27	8♏36	10°15	23°11	27°37	5°41	19°23	24°10	0°11	6°37	5°52	7°20	7° 0	n.a.	W16
T 17	1 33 36	21°57'03	21°55	11°37	24°25	28°22	5°49	19°22	24° 9	0°13	6°39	5°49	7°17	7° 7	n.a.	T 17
F 18	1 37 32	22°57'40	4♐52	12°58	25°38	29° 8	5°57	19°21	24° 8	0°15	6°41	5°D48	7°14	7°14	n.a.	F 18
S 19	1 41 29	23°58'20	17°28	14°18	26°52	29°54	6° 6	19°20	24° 7	0°17	6°42	5°48	7°11	7°21	n.a.	S 19
S 20	1 45 25	24°59'00	29°46	15°36	28° 5	0♐39	6°15	19°20	24° 6	0°20	6°44	5°50	7° 8	7°27	n.a.	S 20
M21	1 49 22	25°59'42	11♑50	16°53	29°19	1°25	6°23	19°19	24° 5	0°22	6°46	5°51	7° 5	7°34	n.a.	M21
T 22	1 53 19	27° 0'25	23°45	18° 9	0♐32	2°11	6°32	19°19	24° 5	0°24	6°47	5°R52	7° 1	7°41	n.a.	T 22
W23	1 57 15	28° 1'09	5♒36	19°22	1°46	2°57	6°41	19°19	24° 4	0°26	6°49	5°52	6°58	7°47	n.a.	W23
T 24	2 1 12	29° 1'55	17°28	20°33	2°59	3°43	6°50	19°18	24° 3	0°29	6°51	5°50	6°55	7°54	n.a.	T 24
F 25	2 5 8	0♏ 2'41	29°27	21°42	4°13	4°29	7° 0	19°D18	24° 3	0°31	6°52	5°47	6°52	8° 1	n.a.	F 25
S 26	2 9 5	1° 3'29	11♓35	22°48	5°26	5°15	7° 9	19°18	24° 2	0°33	6°54	5°42	6°49	8° 8	n.a.	S 26
S 27	2 13 1	2° 4'17	23°57	23°50	6°39	6° 1	7°18	19°19	24° 2	0°36	6°55	5°36	6°45	8°14	n.a.	S 27
M28	2 16 58	3° 5'07	6♈34	24°49	7°53	6°47	7°28	19°19	24° 1	0°38	6°57	5°30	6°42	8°21	n.a.	M28
T 29	2 20 54	4° 5'58	19°28	25°44	9° 6	7°33	7°38	19°19	24° 1	0°40	6°58	5°24	6°39	8°28	n.a.	T 29
W30	2 24 51	5° 6'51	2♉38	26°34	10°19	8°19	7°48	19°20	24° 0	0°42	7° 0	5°20	6°36	8°34	n.a.	W30
T 31	2 28 48	6♏ 7'44	16♉ 4	27♏19	11♐32	9♐ 5	7♑58	19♒20	24♒ 0	0♏45	7♍ 1	5♊17	6♊33	8♒41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	2s21	0n30	4s12	8s 5	0s52	13s43	0s31	17s42	0s50	24s15	0s37	16s59	2s 3	14s15	0s48	9s43	1n52	24n 7	16n 0	21n42	21n54	23s20			n.a.
W 2	2 45	6 6	3 28	8 46	0 58	14 11	0 34	17 55	0 50	24 15	0 37	16 59	2 3	14 16	0 48	9 44	1 52	24 6	16 0	21 41	21 53	23 19			n.a.
T 3	3 9	11 32	2 32	9 26	1 4	14 38	0 36	18 9	0 51	24 14	0 37	17 0	2 3	14 16	0 48	9 45	1 52	24 6	16 0	21 39	21 53	23 17			n.a.
F 4	3 33	16 32	1 27	10 6	1 11	15 5	0 39	18 22	0 51	24 14	0 37	17 1	2 3	14 16	0 48	9 45	1 52	24 5	16 1	21 39	21 52	23 16			n.a.
S 5	3 57	20 47	0 17	10 46	1 17	15 32	0 42	18 35	0 52	24 14	0 37	17 1	2 3	14 17	0 48	9 46	1 52	24 5	16 1	21 39	21 52	23 15			n.a.
S 6	4 21	23 59	0n56	11 24	1 23	15 58	0 45	18 47	0 52	24 14	0 37	17 2	2 3	14 17	0 48	9 47	1 52	24 4	16 1	21 39	21 51	23 14			n.a.
M 7	4 45	25 48	2 6	12 2	1 29	16 24	0 48	19 0	0 53	24 14	0 37	17 2	2 3	14 18	0 48	9 48	1 52	24 4	16 2	21 39	21 51	23 12			n.a.
T 8	5 8	26 1	3 10	12 40	1 35	16 49	0 50	19 13	0 53	24 13	0 37	17 3	2 3	14 18	0 48	9 49	1 52	24 4	16 2	21 39	21 50	23 11			n.a.
W 9	5 32	24 34	4 3	13 17	1 41	17 14	0 53	19 25	0 54	24 13	0 37	17 3	2 2	14 19	0 48	9 49	1 52	24 3	16 2	21 39	21 50	23 10			n.a.
T 10	5 56	21 31	4 42	13 53	1 46	17 39	0 56	19 37	0 54	24 13	0 37	17 4	2 2	14 19	0 48	9 50	1 52	24 3	16 3	21 38	21 49	23 9			n.a.
F 11	6 19	17 9	5 3	14 28	1 52	18 3	0 59	19 49	0 55	24 13	0 37	17 4	2 2	14 20	0 47	9 51	1 52	24 2	16 3	21 37	21 49	23 7			n.a.
S 12	6 43	11 46	5 5	15 2	1 57	18 26	1 1	20 1	0 55	24 12	0 37	17 4	2 2	14 20	0 47	9 52	1 52	24 2	16 3	21 36	21 48	23 6			n.a.
S 13	7 6	5 45	4 48	15 36	2 2	18 49	1 4	20 12	0 56	24 12	0 37	17 5	2 2	14 20	0 47	9 53	1 52	24 2	16 4	21 35	21 48	23 5			n.a.
M14	7 29	0s29	4 12	16 9	2 6	19 12	1 7	20 24	0 56	24 12	0 37	17 5	2 2	14 21	0 47	9 53	1 52	24 1	16 4	21 33	21 47	23 3			n.a.
T 15	7 52	6 36	3 22	16 40	2 11	19 34	1 9	20 35	0 56	24 11	0 37	17 5	2 2	14 21	0 47	9 54	1 52	24 1	16 5	21 32	21 47	23 2			n.a.
W16	8 16	12 17	2 22	17 11	2 15	19 56	1 12	20 46	0 57	24 11	0 37	17 5	2 2	14 21	0 47	9 55	1 52	24 1	16 5	21 31	21 46	23 1			n.a.
T 17	8 38	17 15	1 14	17 41	2 19	20 17	1 15	20 57	0 57	24 11	0 37	17 5	2 1	14 21	0 47	9 56	1 52	24 0	16 5	21 30	21 46	22 59			n.a.
F 18	9 1	21 15	0 5	18 9	2 22	20 37	1 17	21 7	0 58	24 10	0 37	17 6	2 1	14 22	0 47	9 57	1 52	24 0	16 6	21 30	21 45	22 58			n.a.
S 19	9 24	24 9	1s 3	18 37	2 25	20 57	1 20	21 18	0 58	24 10	0 37	17 6	2 1	14 22	0 47	9 57	1 52	24 0	16 6	21 30	21 45	22 57			n.a.
S 20	9 46	25 48	2 6	19 3	2 28	21 17	1 22	21 28	0 59	24 9	0 37	17 6	2 1	14 22	0 47	9 58	1 52	23 59	16 7	21 31	21 44	22 55			n.a.
M21	10 9	26 12	3 3	19 27	2 30	21 36	1 25	21 38	0 59	24 9	0 37	17 6	2 1	14 22	0 47	9 59	1 52	23 59	16 7	21 31	21 44	22 54			n.a.
T 22	10 31	25 23	3 51	19 51	2 32	21 54	1 27	21 47	0 59	24 9	0 37	17 6	2 1	14 23	0 47	10 0	1 52	23 59	16 7	21 31	21 43	22 53			n.a.
W23	10 53	23 25	4 29	20 13	2 33	22 12	1 29	21 57	1 0	24 8	0 37	17 6	2 1	14 23	0 47	10 1	1 52	23 59	16 8	21 31	21 42	22 51			n.a.
T 24	11 15	20 26	4 55	20 33	2 34	22 29	1 32	22 6	1 0	24 8	0 37	17 6	2 0	14 23	0 47	10 1	1 52	23 58	16 8	21 31	21 42	22 50			n.a.
F 25	11 37	16 36	5 9	20 51	2 34	22 45	1 34	22 15	1 0	24 7	0 37	17 6	2 0	14 23	0 47	10 2	1 52	23 58	16 9	21 30	21 41	22 49			n.a.
S 26	11 58	12 3	5 9	21 8	2 33	23 1	1 36	22 24	1 1	24 7	0 37	17 5	2 0	14 23	0 47	10 3	1 52	23 58	16 9	21 29	21 41	22 47			n.a.
S 27	12 19	6 57	4 55	21 23	2 32	23 16	1 38	22 33	1 1	24 6	0 37	17 5	2 0	14 24	0 47	10 4	1 52	23 58	16 10	21 28	21 40	22 46			n.a.
M28	12 40	1 27	4 27	21 36	2 30	23 30	1 40	22 41	1 1	24 6	0 37	17 5	2 0	14 24	0 47	10 5	1 52	23 58	16 10	21 27	21 40	22 44			n.a.
T 29	13 1	4n14	3 44	21 46	2 27	23 44	1 42	22 49	1 2	24 5	0 37	17 5	2 0	14 24	0 47	10 5	1 52	23 58	16 11	21 26	21 39	22 43			n.a.
W30	13 22	9 52	2 49	21 54	2 22	23 57	1 44	22 57	1 2	24 5	0 37	17 4	1 59	14 24	0 47	10 6	1 52	23 58	16 11	21 25	21 39	22 42			n.a.
T 31	13s42	15n10	1s43	22s 0	2s17	24s10	1s46	23s 5	1s 2	24s 4	0s37	17s 4	1s59	14s24	0s47	10s 7	1n52	23n57	16n12	21n25	21n38	22s40			n.a.

Julian Day Number = 1718409.5, Delta T = 02h57m12s
Ecliptic obliquity = 23°41'49, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°10'32, Lahiri = - 4°03'32 Julian Calendar 1 Oct. 9 BCE == Greg. Calendar 29 Sept. 009 BCE

The year -08 astronomical counting style corresponds to year 009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 9 BCE
geocentric

NOVEMBER 9 BCE (-8) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 32 44	7♏ 8'39	29♉43	27♏58	12♐46	9♐51	8♑ 8	19♒21	24°R 0	0♏47	7♍ 2	5°D16	6♊30	8♒48	n.a.	F 1
S 2	2 36 41	8° 9'35	13♊33	28°30	13°59	10°38	8°18	19°22	24♒ 0	0°49	7° 4	5♊16	6°26	8°54	n.a.	S 2
S 3	2 40 37	9°10'33	27°31	28°54	15°12	11°24	8°29	19°23	24° 0	0°51	7° 5	5°17	6°23	9° 1	n.a.	S 3
M 4	2 44 34	10°11'32	11♋35	29°10	16°25	12°11	8°39	19°24	24° 0	0°54	7° 6	5°19	6°20	9° 8	n.a.	M 4
T 5	2 48 30	11°12'32	25°43	29°R17	17°38	12°57	8°50	19°25	24°D 0	0°56	7° 8	5°20	6°17	9°15	n.a.	T 5
W 6	2 52 27	12°13'34	9♌53	29°14	18°51	13°43	9° 0	19°26	24° 0	0°58	7° 9	5°R21	6°14	9°21	n.a.	W 6
T 7	2 56 23	13°14'37	24° 3	29° 0	20° 4	14°30	9°11	19°27	24° 0	1° 0	7°10	5°20	6°11	9°28	n.a.	T 7
F 8	3 0 20	14°15'41	8♍12	28°34	21°17	15°17	9°22	19°29	24° 0	1° 2	7°11	5°19	6° 7	9°35	n.a.	F 8
S 9	3 4 17	15°16'46	22°15	27°58	22°30	16° 3	9°33	19°30	24° 0	1° 5	7°12	5°17	6° 4	9°41	n.a.	S 9
S 10	3 8 13	16°17'52	6♎12	27°10	23°43	16°50	9°44	19°32	24° 0	1° 7	7°13	5°14	6° 1	9°48	n.a.	S 10
M11	3 12 10	17°19'00	20° 0	26°12	24°55	17°36	9°55	19°34	24° 0	1° 9	7°15	5°11	5°58	9°55	n.a.	M11
T 12	3 16 6	18°20'08	3♏34	25° 5	26° 8	18°23	10° 7	19°35	24° 1	1°11	7°16	5° 9	5°55	10° 2	n.a.	T 12
W13	3 20 3	19°21'17	16°54	23°50	27°21	19°10	10°18	19°37	24° 1	1°13	7°17	5° 7	5°51	10° 8	n.a.	W13
T 14	3 23 59	20°22'27	29°58	22°30	28°34	19°57	10°29	19°39	24° 2	1°16	7°18	5°D 6	5°48	10°15	n.a.	T 14
F 15	3 27 56	21°23'38	12♐45	21° 7	29°46	20°44	10°41	19°42	24° 2	1°18	7°19	5° 6	5°45	10°22	n.a.	F 15
S 16	3 31 52	22°24'50	25°15	19°45	0♑59	21°30	10°53	19°44	24° 3	1°20	7°19	5° 7	5°42	10°28	n.a.	S 16
S 17	3 35 49	23°26'02	7♑31	18°25	2°11	22°17	11° 5	19°46	24° 3	1°22	7°20	5° 8	5°39	10°35	n.a.	S 17
M18	3 39 46	24°27'14	19°35	17°11	3°24	23° 4	11°16	19°49	24° 4	1°24	7°21	5° 9	5°36	10°42	n.a.	M18
T 19	3 43 42	25°28'27	1♒31	16° 5	4°36	23°51	11°28	19°51	24° 5	1°26	7°22	5°10	5°32	10°49	n.a.	T 19
W20	3 47 39	26°29'39	13°23	15° 8	5°48	24°38	11°40	19°54	24° 5	1°28	7°23	5°11	5°29	10°55	n.a.	W20
T 21	3 51 35	27°30'52	25°15	14°21	7° 1	25°25	11°53	19°57	24° 6	1°30	7°24	5°R11	5°26	11° 2	n.a.	T 21
F 22	3 55 32	28°32'06	7♓12	13°45	8°13	26°12	12° 5	20° 0	24° 7	1°32	7°24	5°11	5°23	11° 9	n.a.	F 22
S 23	3 59 28	29°33'19	19°20	13°20	9°25	26°59	12°17	20° 3	24° 8	1°35	7°25	5°11	5°20	11°15	n.a.	S 23
S 24	4 3 25	0♐34'32	1♈41	13° 5	10°37	27°46	12°29	20° 6	24° 9	1°37	7°26	5°10	5°17	11°22	n.a.	S 24
M25	4 7 22	1°35'46	14°21	13°D 1	11°49	28°33	12°42	20° 9	24°10	1°39	7°26	5°10	5°13	11°29	n.a.	M25
T 26	4 11 18	2°36'59	27°21	13° 7	13° 1	29°20	12°54	20°12	24°11	1°41	7°27	5°10	5°10	11°36	n.a.	T 26
W27	4 15 15	3°38'13	10♉44	13°21	14°13	0♑ 7	13° 7	20°16	24°12	1°43	7°27	5° 9	5° 7	11°42	n.a.	W27
T 28	4 19 11	4°39'27	24°27	13°43	15°24	0°55	13°20	20°19	24°13	1°45	7°28	5° 9	5° 4	11°49	n.a.	T 28
F 29	4 23 8	5°40'40	8♊30	14°12	16°36	1°42	13°32	20°23	24°14	1°47	7°28	5° 9	5° 1	11°56	n.a.	F 29
S 30	4 27 4	6♐41'55	22♊49	14♏49	17♑47	2♑29	13♑45	20♒26	24♒16	1♏49	7♍29	5♊ 9	4♊57	12♒ 2	n.a.	S 30

Day	☉		☽			☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl		decl	lat		decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s 3		19n49	0s30		22s 3	2s11	24s21	1s48	23s12	1s 3	24s 3	0s37	17s 4	1s59	14s24	0s47	10s 8	1n52	23n57	16n12	21n25	21n38	22s39		n.a.
S 2	14 23		23 25	0n45		22 3	2 4	24 32	1 50	23 19	1 3	24 3	0 37	17 3	1 59	14 24	0 47	10 8	1 52	23 57	16 13	21 25	21 37	22 37		n.a.
S 3	14 42		25 40	1 59		22 0	1 55	24 43	1 51	23 26	1 3	24 2	0 37	17 3	1 59	14 24	0 47	10 9	1 52	23 57	16 13	21 25	21 36	22 36		n.a.
M 4	15 2		26 17	3 6		21 53	1 44	24 52	1 53	23 33	1 4	24 1	0 37	17 2	1 59	14 24	0 47	10 10	1 52	23 57	16 14	21 25	21 36	22 34		n.a.
T 5	15 21		25 12	4 3		21 43	1 33	25 1	1 55	23 39	1 4	24 1	0 37	17 2	1 59	14 24	0 47	10 11	1 52	23 57	16 14	21 25	21 35	22 33		n.a.
W 6	15 40		22 31	4 44		21 30	1 20	25 9	1 56	23 45	1 4	24 0	0 37	17 1	1 58	14 24	0 47	10 12	1 52	23 57	16 15	21 25	21 35	22 31		n.a.
T 7	15 59		18 29	5 9		21 12	1 5	25 16	1 58	23 51	1 4	23 59	0 37	17 1	1 58	14 24	0 47	10 12	1 52	23 57	16 15	21 25	21 34	22 30		n.a.
F 8	16 17		13 26	5 14		20 51	0 49	25 23	1 59	23 57	1 5	23 59	0 37	17 0	1 58	14 24	0 46	10 13	1 52	23 57	16 16	21 25	21 34	22 29		n.a.
S 9	16 36		7 42	5 1		20 25	0 31	25 29	2 0	24 2	1 5	23 58	0 37	17 0	1 58	14 24	0 46	10 14	1 52	23 57	16 16	21 25	21 33	22 27		n.a.
S 10	16 53		1 38	4 30		19 56	0 12	25 34	2 1	24 7	1 5	23 57	0 37	16 59	1 58	14 23	0 46	10 15	1 52	23 57	16 17	21 24	21 33	22 26		n.a.
M11	17 11		4s27	3 44		19 23	0n 8	25 38	2 3	24 12	1 5	23 56	0 37	16 58	1 58	14 23	0 46	10 15	1 52	23 57	16 17	21 24	21 32	22 24		n.a.
T 12	17 28		10 15	2 45		18 47	0 28	25 42	2 4	24 16	1 6	23 55	0 37	16 57	1 58	14 23	0 46	10 16	1 52	23 57	16 18	21 23	21 31	22 23		n.a.
W13	17 45		15 29	1 39		18 9	0 48	25 45	2 5	24 21	1 6	23 54	0 37	16 57	1 57	14 23	0 46	10 17	1 52	23 58	16 18	21 23	21 31	22 21		n.a.
T 14	18 2		19 54	0 28		17 29	1 9	25 47	2 6	24 25	1 6	23 54	0 37	16 56	1 57	14 23	0 46	10 18	1 52	23 58	16 19	21 23	21 30	22 20		n.a.
F 15	18 18		23 16	0s42		16 49	1 28	25 48	2 6	24 28	1 6	23 53	0 37	16 55	1 57	14 23	0 46	10 18	1 52	23 58	16 19	21 23	21 30	22 18		n.a.
S 16	18 34		25 26	1 49		16 10	1 46	25 49	2 7	24 32	1 7	23 52	0 37	16 54	1 57	14 22	0 46	10 19	1 52	23 58	16 20	21 23	21 29	22 17		n.a.
S 17	18 50		26 19	2 50		15 32	2 2	25 48	2 8	24 35	1 7	23 51	0 37	16 53	1 57	14 22	0 46	10 20	1 52	23 58	16 20	21 23	21 29	22 15		n.a.
M18	19 5		25 55	3 42		14 58	2 17	25 47	2 8	24 38	1 7	23 50	0 37	16 52	1 57	14 22	0 46	10 21	1 52	23 58	16 21	21 23	21 28	22 13		n.a.
T 19	19 20		24 19	4 24		14 27	2 29	25 46	2 9	24 40	1 7	23 49	0 37	16 51	1 56	14 22	0 46	10 21	1 52	23 58	16 22	21 24	21 28	22 12		n.a.
W20	19 35		21 41	4 54		14 2	2 38	25 43	2 9	24 42	1 7	23 48	0 37	16 50	1 56	14 21	0 46	10 22	1 52	23 59	16 22	21 24	21 27	22 10		n.a.
T 21	19 49		18 8	5 12		13 41	2 46	25 40	2 9	24 44	1 7	23 47	0 37	16 49	1 56	14 21	0 46	10 23	1 52	23 59	16 23	21 24	21 26	22 9		n.a.
F 22	20 3		13 51	5 17		13 25	2 51	25 36	2 9	24 46	1 8	23 46	0 37	16 48	1 56	14 21	0 46	10 23	1 52	23 59	16 23	21 24	21 26	22 7		n.a.
S 23	20 16		8 58	5 7		13 14	2 55	25 31	2 10	24 47	1 8	23 44	0 37	16 47	1 56	14 20	0 46	10 24	1 52	23 59	16 24	21 24	21 25	22 6		n.a.
S 24	20 29		3 39	4 44		13 8	2 56	25 25	2 9	24 48	1 8	23 43	0 37	16 46	1 56	14 20	0 46	10 25	1 52	24 0	16 24	21 24	21 25	22 4		n.a.
M25	20 42		1n56	4 6		13 7	2 56	25 19	2 9	24 49	1 8	23 42	0 37	16 45	1 56	14 20	0 46	10 25	1 52	24 0	16 25	21 23	21 24	22 3		n.a.
T 26	20 54		7 37	3 15		13 10	2 55	25 12	2 9	24 50	1 8	23 41	0 37	16 44	1 55	14 19	0 46	10 26	1 52	24 0	16 26	21 23	21 24	22 1		n.a.
W27	21 6		13 7	2 11		13 17	2 52	25 4	2 9	24 50	1 8	23 40	0 37	16 43	1 55	14 19	0 46	10 27	1 52	24 1	16 26	21 23	21 23	21 59		n.a.
T 28	21 18		18 8	0 59		13 27	2 48	24 55	2 8	24 50	1 8	23 38	0 37	16 41	1 55	14 18	0 46	10 27	1 52	24 1	16 27	21 23	21 22	21 58		n.a.
F 29	21 29		22 16	0n19		13 40	2 43	24 46	2 8	24 50	1 8	23 37	0 37	16 40	1 55	14 18	0 46	10 28	1 52	24 1	16 27	21 23	21 22	21 56		n.a.
S 30	21s40		25n 6	1n36		13s56	2n38	24s36	2s 7	24s49	1s 8	23s36	0s37	16s39	1s55	14s18	0s46	10s29	1n52	24n 2	16n28	21n23	21n21	21s55		n.a.

Julian Day Number = 1718440.5, Delta T = 02h57m11s
Ecliptic obliquity = 23°41'49, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°10'28, Lahiri = - 4°03'27 Julian Calendar 1 Nov. 9 BCE == Greg. Calendar 30 Oct. 009 BCE

The year -08 astronomical counting style corresponds to year 009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 9 BCE
geocentric

DECEMBER 9 BCE (-8) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 31 1	7♐43'09	7♋17	15♏30	18♑59	3♑16	13♑58	20♒30	24♒17	1♏50	7♍29	5°R 9	4♊54	12♒ 9	n.a.	S 1
M 2	4 34 57	8°44'23	21°50	16°18	20°10	4° 3	14°11	20°34	24°18	1°52	7°30	5♊ 9	4°51	12°16	n.a.	M 2
T 3	4 38 54	9°45'38	6♌22	17° 9	21°21	4°51	14°24	20°38	24°20	1°54	7°30	5° 8	4°48	12°23	n.a.	T 3
W 4	4 42 51	10°46'53	20°47	18° 5	22°33	5°38	14°37	20°42	24°21	1°56	7°30	5° 8	4°45	12°29	n.a.	W 4
T 5	4 46 47	11°48'08	5♍ 2	19° 5	23°44	6°25	14°50	20°46	24°23	1°58	7°30	5° 7	4°42	12°36	n.a.	T 5
F 6	4 50 44	12°49'23	19° 5	20° 8	24°55	7°12	15° 3	20°50	24°24	2° 0	7°31	5°D 7	4°38	12°43	n.a.	F 6
S 7	4 54 40	13°50'38	2♎55	21°13	26° 6	8° 0	15°16	20°54	24°26	2° 2	7°31	5° 8	4°35	12°49	n.a.	S 7
S 8	4 58 37	14°51'54	16°30	22°21	27°16	8°47	15°30	20°59	24°27	2° 3	7°31	5° 9	4°32	12°56	n.a.	S 8
M 9	5 2 33	15°53'09	29°51	23°32	28°27	9°34	15°43	21° 3	24°29	2° 5	7°31	5°10	4°29	13° 3	n.a.	M 9
T 10	5 6 30	16°54'24	12♏59	24°45	29°37	10°21	15°56	21° 8	24°31	2° 7	7°31	5°11	4°26	13° 9	n.a.	T 10
W11	5 10 26	17°55'40	25°54	25°59	0♒48	11° 9	16°10	21°12	24°33	2° 9	7°31	5°11	4°23	13°16	n.a.	W11
T 12	5 14 23	18°56'55	8♐36	27°15	1°58	11°56	16°23	21°17	24°34	2°10	7°R31	5°R11	4°19	13°23	n.a.	T 12
F 13	5 18 20	19°58'09	21° 7	28°33	3° 8	12°44	16°37	21°22	24°36	2°12	7°31	5°11	4°16	13°30	n.a.	F 13
S 14	5 22 16	20°59'24	3♑26	29°52	4°18	13°31	16°51	21°26	24°38	2°14	7°31	5° 9	4°13	13°36	n.a.	S 14
S 15	5 26 13	22° 0'37	15°36	1♐12	5°28	14°18	17° 4	21°31	24°40	2°15	7°31	5° 7	4°10	13°43	n.a.	S 15
M16	5 30 9	23° 1'50	27°37	2°33	6°38	15° 6	17°18	21°36	24°42	2°17	7°31	5° 4	4° 7	13°50	n.a.	M16
T 17	5 34 6	24° 3'03	9♒32	3°55	7°48	15°53	17°32	21°41	24°44	2°18	7°31	5° 1	4° 3	13°57	n.a.	T 17
W18	5 38 2	25° 4'14	21°23	5°19	8°57	16°40	17°45	21°47	24°46	2°20	7°31	4°58	4° 0	14° 3	n.a.	W18
T 19	5 41 59	26° 5'25	3♓14	6°43	10° 7	17°28	17°59	21°52	24°48	2°22	7°30	4°55	3°57	14°10	n.a.	T 19
F 20	5 45 56	27° 6'35	15°10	8° 8	11°16	18°15	18°13	21°57	24°50	2°23	7°30	4°54	3°54	14°17	n.a.	F 20
S 21	5 49 52	28° 7'43	27°14	9°34	12°25	19° 2	18°27	22° 2	24°53	2°25	7°30	4°D53	3°51	14°23	n.a.	S 21
S 22	5 53 49	29° 8'51	9♈31	11° 1	13°34	19°50	18°41	22° 8	24°55	2°26	7°30	4°53	3°48	14°30	n.a.	S 22
M23	5 57 45	0♑ 9'58	22° 6	12°28	14°42	20°37	18°55	22°13	24°57	2°27	7°29	4°55	3°44	14°37	n.a.	M23
T 24	6 1 42	1°11'03	5♉ 3	13°56	15°51	21°25	19° 9	22°19	24°59	2°29	7°29	4°56	3°41	14°44	n.a.	T 24
W25	6 5 38	2°12'08	18°25	15°25	16°59	22°12	19°23	22°25	25° 2	2°30	7°28	4°58	3°38	14°50	n.a.	W25
T 26	6 9 35	3°13'11	2♊14	16°55	18° 7	22°59	19°37	22°30	25° 4	2°31	7°28	4°R59	3°35	14°57	n.a.	T 26
F 27	6 13 31	4°14'14	16°29	18°25	19°15	23°47	19°51	22°36	25° 7	2°33	7°27	4°58	3°32	15° 4	n.a.	F 27
S 28	6 17 28	5°15'15	1♋ 6	19°56	20°23	24°34	20° 5	22°42	25° 9	2°34	7°27	4°56	3°29	15°10	n.a.	S 28
S 29	6 21 25	6°16'15	15°59	21°27	21°30	25°21	20°19	22°48	25°12	2°35	7°26	4°53	3°25	15°17	n.a.	S 29
M30	6 25 21	7°17'15	1♌ 1	23° 0	22°38	26° 9	20°33	22°54	25°14	2°37	7°26	4°48	3°22	15°24	n.a.	M30
T 31	6 29 18	8♑18'13	16♌ 1	24♐32	23♒45	26♑56	20♑48	23♒ 0	25♒17	2♏38	7♍25	4♊43	3♊19	15♒31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21s50	26n18	2n49	14s14	2n32	24s25	2s 7	24s48	1s 9	23s35	0s37	16s37	1s55	14s17	0s46	10s29	1n52	24n 2	16n28	21n23	21n21	21s53			n.a.
M 2	22 0	25 42	3 51	14 34	2 25	24 14	2 6	24 47	1 9	23 33	0 38	16 36	1 55	14 17	0 46	10 30	1 52	24 2	16 29	21 23	21 20	21 51			n.a.
T 3	22 9	23 22	4 38	14 56	2 18	24 2	2 5	24 45	1 9	23 32	0 38	16 35	1 55	14 16	0 46	10 31	1 52	24 3	16 30	21 23	21 19	21 50			n.a.
W 4	22 18	19 34	5 7	15 18	2 11	23 49	2 4	24 43	1 9	23 31	0 38	16 33	1 54	14 16	0 45	10 31	1 52	24 3	16 30	21 23	21 19	21 48			n.a.
T 5	22 27	14 40	5 17	15 42	2 3	23 36	2 3	24 41	1 9	23 29	0 38	16 32	1 54	14 15	0 45	10 32	1 52	24 4	16 31	21 23	21 18	21 46			n.a.
F 6	22 35	9 4	5 8	16 7	1 56	23 22	2 1	24 39	1 9	23 28	0 38	16 30	1 54	14 14	0 45	10 32	1 52	24 4	16 31	21 23	21 18	21 45			n.a.
S 7	22 42	3 7	4 41	16 32	1 48	23 7	2 0	24 36	1 9	23 26	0 38	16 29	1 54	14 14	0 45	10 33	1 52	24 4	16 32	21 23	21 17	21 43			n.a.
S 8	22 50	2s54	3 58	16 57	1 39	22 52	1 58	24 33	1 9	23 25	0 38	16 27	1 54	14 13	0 45	10 34	1 52	24 5	16 33	21 23	21 17	21 42			n.a.
M 9	22 56	8 41	3 3	17 23	1 31	22 36	1 57	24 30	1 9	23 23	0 38	16 26	1 54	14 13	0 45	10 34	1 52	24 5	16 33	21 23	21 16	21 40			n.a.
T 10	23 3	14 0	2 0	17 49	1 23	22 19	1 55	24 26	1 9	23 22	0 38	16 24	1 54	14 12	0 45	10 35	1 52	24 6	16 34	21 24	21 15	21 38			n.a.
W11	23 9	18 37	0 51	18 15	1 15	22 2	1 53	24 22	1 9	23 20	0 38	16 22	1 53	14 11	0 45	10 35	1 53	24 6	16 34	21 24	21 15	21 36			n.a.
T 12	23 14	22 17	0s19	18 41	1 6	21 44	1 51	24 18	1 9	23 18	0 38	16 21	1 53	14 11	0 45	10 36	1 53	24 7	16 35	21 24	21 14	21 35			n.a.
F 13	23 19	24 50	1 27	19 6	0 58	21 26	1 49	24 14	1 9	23 17	0 38	16 19	1 53	14 10	0 45	10 36	1 53	24 7	16 35	21 24	21 14	21 33			n.a.
S 14	23 23	26 9	2 30	19 32	0 50	21 7	1 47	24 9	1 9	23 15	0 38	16 17	1 53	14 10	0 45	10 37	1 53	24 8	16 36	21 23	21 13	21 31			n.a.
S 15	23 27	26 10	3 25	19 57	0 42	20 48	1 45	24 4	1 9	23 13	0 38	16 16	1 53	14 9	0 45	10 37	1 53	24 9	16 37	21 23	21 12	21 30			n.a.
M16	23 31	24 57	4 10	20 21	0 33	20 28	1 43	23 58	1 9	23 12	0 38	16 14	1 53	14 8	0 45	10 38	1 53	24 9	16 37	21 22	21 12	21 28			n.a.
T 17	23 34	22 37	4 44	20 45	0 25	20 8	1 40	23 53	1 9	23 10	0 38	16 12	1 53	14 7	0 45	10 38	1 53	24 10	16 38	21 22	21 11	21 26			n.a.
W18	23 36	19 21	5 6	21 8	0 18	19 47	1 37	23 47	1 9	23 8	0 38	16 10	1 53	14 7	0 45	10 39	1 53	24 10	16 38	21 21	21 11	21 25			n.a.
T 19	23 38	15 18	5 14	21 30	0 10	19 25	1 35	23 41	1 9	23 6	0 38	16 9	1 53	14 6	0 45	10 39	1 53	24 11	16 39	21 21	21 10	21 23			n.a.
F 20	23 40	10 39	5 10	21 52	0 2	19 3	1 32	23 34	1 9	23 5	0 38	16 7	1 53	14 5	0 45	10 40	1 53	24 12	16 39	21 20	21 9	21 21			n.a.
S 21	23 41	5 33	4 51	22 13	0s 5	18 41	1 29	23 28	1 9	23 3	0 38	16 5	1 52	14 4	0 45	10 40	1 53	24 12	16 40	21 20	21 9	21 19			n.a.
S 22	23 42	0 9	4 19	22 33	0 13	18 18	1 26	23 21	1 9	23 1	0 38	16 3	1 52	14 4	0 45	10 41	1 53	24 13	16 41	21 20	21 8	21 18			n.a.
M23	23 42	5n23	3 34	22 52	0 20	17 55	1 23	23 13	1 9	22 59	0 39	16 1	1 52	14 3	0 45	10 41	1 53	24 13	16 41	21 21	21 8	21 16			n.a.
T 24	23 41	10 53	2 37	23 10	0 27	17 31	1 19	23 6	1 8	22 57	0 39	15 59	1 52	14 2	0 45	10 42	1 53	24 14	16 42	21 21	21 7	21 14			n.a.
W25	23 41	16 4	1 30	23 27	0 34	17 7	1 16	22 58	1 8	22 55	0 39	15 57	1 52	14 1	0 45	10 42	1 53	24 15	16 42	21 21	21 6	21 12			n.a.
T 26	23 39	20 35	0 15	23 43	0 41	16 43	1 13	22 50	1 8	22 53	0 39	15 55	1 52	14 0	0 45	10 42	1 53	24 15	16 43	21 21	21 6	21 11			n.a.
F 27	23 38	24 2	1n 3	23 58	0 47	16 18	1 9	22 42	1 8	22 51	0 39	15 53	1 52	13 59	0 45	10 43	1 53	24 16	16 43	21 21	21 5	21 9			n.a.
S 28	23 35	26 0	2 18	24 12	0 53	15 53	1 5	22 33	1 8	22 49	0 39	15 51	1 52	13 59	0 45	10 43	1 53	24 17	16 44	21 21	21 5	21 7			n.a.
S 29	23 33	26 8	3 25	24 25	1 0	15 27	1 1	22 24	1 8	22 47	0 39	15 49	1 52	13 58	0 45	10 44	1 53	24 17	16 44	21 20	21 4	21 5			n.a.
M30	23 30	24 22	4 19	24 36	1 5	15 1	0 57	22 15	1 8	22 45	0 39	15 47	1 52	13 57	0 45	10 44	1 53	24 18	16 45	21 20	21 3	21 4			n.a.
T 31	23s26	20n53	4n55	24s46	1s11	14s35	0s53	22s 6	1s 8	22s43	0s39	15s45	1s52	13s56	0s45	10s44	1n54	24n19	16n45	21n19	21n 3	21s 2			n.a.

Julian Day Number = 1718470.5, Delta T = 02h57m10s
Ecliptic obliquity = 23°41'49, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°10'24, Lahiri = - 4°03'23 Julian Calendar 1 Dec. 9 BCE == Greg. Calendar 29 Nov. 009 BCE

The year -08 astronomical counting style corresponds to year 009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 8 BCE
geocentric

JANUARY 8 BCE (-7) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 33 14	9♑19'10	0♍51	26♐ 6	24♒51	27♑43	21♑ 2	23♒ 6	25♒19	2♏39	7°R25	4°R38	3♊16	15♒37	n.a.	W 1
T 2	6 37 11	10°20'07	15°24	27°40	25°58	28°31	21°16	23°12	25°22	2°40	7♍24	4♊35	3°13	15°44	n.a.	T 2
F 3	6 41 7	11°21'02	29°36	29°15	27° 4	29°18	21°30	23°18	25°25	2°41	7°23	4°32	3° 9	15°51	n.a.	F 3
S 4	6 45 4	12°21'57	13♎25	0♑51	28°10	0♒ 5	21°45	23°24	25°27	2°42	7°22	4°D32	3° 6	15°57	n.a.	S 4
S 5	6 49 0	13°22'50	26°52	2°27	29°16	0°52	21°59	23°31	25°30	2°43	7°22	4°32	3° 3	16° 4	n.a.	S 5
M 6	6 52 57	14°23'43	9♏59	4° 4	0♓22	1°40	22°13	23°37	25°33	2°44	7°21	4°34	3° 0	16°11	n.a.	M 6
T 7	6 56 54	15°24'35	22°49	5°42	1°27	2°27	22°27	23°43	25°36	2°45	7°20	4°35	2°57	16°18	n.a.	T 7
W 8	7 0 50	16°25'26	5♐24	7°21	2°32	3°14	22°42	23°50	25°38	2°46	7°19	4°R36	2°54	16°24	n.a.	W 8
T 9	7 4 47	17°26'15	17°48	9° 0	3°37	4° 1	22°56	23°56	25°41	2°47	7°18	4°35	2°50	16°31	n.a.	T 9
F 10	7 8 43	18°27'03	0♑ 2	10°40	4°42	4°48	23°10	24° 3	25°44	2°48	7°17	4°32	2°47	16°38	n.a.	F 10
S 11	7 12 40	19°27'50	12° 9	12°21	5°46	5°36	23°25	24°10	25°47	2°49	7°16	4°26	2°44	16°44	n.a.	S 11
S 12	7 16 36	20°28'36	24°10	14° 3	6°50	6°23	23°39	24°16	25°50	2°50	7°15	4°19	2°41	16°51	n.a.	S 12
M13	7 20 33	21°29'20	6♒ 6	15°45	7°53	7°10	23°54	24°23	25°53	2°50	7°14	4°10	2°38	16°58	n.a.	M13
T 14	7 24 30	22°30'02	17°59	17°28	8°56	7°57	24° 8	24°30	25°56	2°51	7°13	4° 0	2°35	17° 5	n.a.	T 14
W15	7 28 26	23°30'43	29°50	19°13	9°59	8°44	24°22	24°36	25°59	2°52	7°12	3°50	2°31	17°11	n.a.	W15
T 16	7 32 23	24°31'22	11♓42	20°58	11° 2	9°31	24°37	24°43	26° 2	2°53	7°11	3°41	2°28	17°18	n.a.	T 16
F 17	7 36 19	25°31'59	23°37	22°44	12° 4	10°18	24°51	24°50	26° 5	2°53	7°10	3°34	2°25	17°25	n.a.	F 17
S 18	7 40 16	26°32'34	5♈39	24°30	13° 5	11° 5	25° 5	24°57	26° 8	2°54	7° 9	3°30	2°22	17°31	n.a.	S 18
S 19	7 44 12	27°33'07	17°53	26°18	14° 7	11°52	25°20	25° 4	26°11	2°54	7° 8	3°27	2°19	17°38	n.a.	S 19
M20	7 48 9	28°33'39	0♉22	28° 7	15° 8	12°39	25°34	25°11	26°14	2°55	7° 7	3°D27	2°15	17°45	n.a.	M20
T 21	7 52 5	29°34'08	13°12	29°56	16° 8	13°26	25°49	25°18	26°17	2°56	7° 5	3°27	2°12	17°52	n.a.	T 21
W22	7 56 2	0♒34'36	26°26	1♒46	17° 8	14°13	26° 3	25°25	26°21	2°56	7° 4	3°R28	2° 9	17°58	n.a.	W22
T 23	7 59 59	1°35'01	10♊ 8	3°37	18° 8	15° 0	26°17	25°32	26°24	2°56	7° 3	3°28	2° 6	18° 5	n.a.	T 23
F 24	8 3 55	2°35'25	24°19	5°29	19° 7	15°47	26°32	25°39	26°27	2°57	7° 2	3°26	2° 3	18°12	n.a.	F 24
S 25	8 7 52	3°35'46	8♋59	7°21	20° 6	16°34	26°46	25°46	26°30	2°57	7° 0	3°22	2° 0	18°19	n.a.	S 25
S 26	8 11 48	4°36'06	24° 1	9°14	21° 4	17°21	27° 0	25°53	26°33	2°58	6°59	3°15	1°56	18°25	n.a.	S 26
M27	8 15 45	5°36'24	9♌17	11° 7	22° 1	18° 8	27°15	26° 1	26°37	2°58	6°58	3° 7	1°53	18°32	n.a.	M27
T 28	8 19 41	6°36'39	24°36	13° 1	22°58	18°54	27°29	26° 8	26°40	2°58	6°56	2°57	1°50	18°39	n.a.	T 28
W29	8 23 38	7°36'53	9♍48	14°55	23°55	19°41	27°43	26°15	26°43	2°58	6°55	2°47	1°47	18°45	n.a.	W29
T 30	8 27 34	8°37'06	24°41	16°50	24°51	20°28	27°57	26°22	26°46	2°59	6°54	2°39	1°44	18°52	n.a.	T 30
F 31	8 31 31	9♒37'16	9♎ 9	18♒44	25♓46	21♒14	28♑12	26♒30	26♒50	2♏59	6♍52	2♊33	1♊41	18♒59	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23 s22	16n 7	5n11	24 s55	1 s16	14 s 9	0 s49	21 s57	1 s 7	22 s41	0 s39	15 s43	1 s51	13 s55	0 s45	10 s45	1n54	24n20	16n46	21n18	21n 2	21 s 0			n.a.
T 2	23 17	10 30	5 6	25 2	1 22	13 42	0 45	21 47	1 7	22 38	0 39	15 41	1 51	13 54	0 45	10 45	1 54	24 20	16 46	21 17	21 1	20 58			n.a.
F 3	23 12	4 28	4 42	25 8	1 27	13 15	0 40	21 37	1 7	22 36	0 39	15 39	1 51	13 53	0 45	10 45	1 54	24 21	16 47	21 17	21 1	20 56			n.a.
S 4	23 7	1 s38	4 3	25 13	1 31	12 48	0 36	21 26	1 7	22 34	0 39	15 37	1 51	13 52	0 45	10 46	1 54	24 22	16 47	21 16	21 0	20 54			n.a.
S 5	23 1	7 30	3 11	25 16	1 36	12 20	0 31	21 16	1 7	22 32	0 39	15 34	1 51	13 51	0 44	10 46	1 54	24 23	16 48	21 17	21 0	20 53			n.a.
M 6	22 55	12 55	2 10	25 18	1 40	11 53	0 27	21 5	1 7	22 29	0 39	15 32	1 51	13 50	0 44	10 46	1 54	24 23	16 48	21 17	20 59	20 51			n.a.
T 7	22 48	17 39	1 4	25 18	1 43	11 25	0 22	20 54	1 6	22 27	0 40	15 30	1 51	13 49	0 44	10 47	1 54	24 24	16 49	21 17	20 58	20 49			n.a.
W 8	22 40	21 30	0 s 4	25 16	1 47	10 57	0 17	20 43	1 6	22 25	0 40	15 28	1 51	13 48	0 44	10 47	1 54	24 25	16 49	21 17	20 58	20 47			n.a.
T 9	22 33	24 18	1 11	25 13	1 50	10 28	0 12	20 32	1 6	22 23	0 40	15 26	1 51	13 47	0 44	10 47	1 54	24 26	16 50	21 17	20 57	20 45			n.a.
F 10	22 25	25 55	2 13	25 8	1 53	10 0	0 7	20 20	1 6	22 20	0 40	15 23	1 51	13 46	0 44	10 47	1 54	24 27	16 50	21 16	20 56	20 43			n.a.
S 11	22 16	26 16	3 9	25 2	1 55	9 31	0 1	20 8	1 6	22 18	0 40	15 21	1 51	13 45	0 44	10 48	1 54	24 27	16 51	21 15	20 56	20 42			n.a.
S 12	22 7	25 22	3 55	24 54	1 57	9 2	0n 4	19 56	1 5	22 15	0 40	15 19	1 51	13 44	0 44	10 48	1 54	24 28	16 51	21 14	20 55	20 40			n.a.
M13	21 58	23 19	4 31	24 44	1 59	8 34	0 9	19 44	1 5	22 13	0 40	15 16	1 51	13 43	0 44	10 48	1 54	24 29	16 52	21 12	20 55	20 38			n.a.
T 14	21 48	20 16	4 54	24 32	2 1	8 5	0 15	19 31	1 5	22 10	0 40	15 14	1 51	13 42	0 44	10 48	1 54	24 30	16 52	21 11	20 54	20 36			n.a.
W15	21 38	16 24	5 5	24 18	2 2	7 35	0 21	19 19	1 5	22 8	0 40	15 12	1 51	13 41	0 44	10 48	1 54	24 31	16 53	21 9	20 53	20 34			n.a.
T 16	21 27	11 55	5 3	24 3	2 2	7 6	0 26	19 6	1 5	22 6	0 40	15 9	1 51	13 40	0 44	10 49	1 54	24 31	16 53	21 7	20 53	20 32			n.a.
F 17	21 16	6 57	4 48	23 46	2 2	6 37	0 32	18 53	1 4	22 3	0 40	15 7	1 51	13 39	0 44	10 49	1 55	24 32	16 53	21 6	20 52	20 30			n.a.
S 18	21 4	1 42	4 20	23 27	2 2	6 8	0 38	18 39	1 4	22 0	0 40	15 5	1 50	13 38	0 44	10 49	1 55	24 33	16 54	21 5	20 51	20 28			n.a.
S 19	20 52	3n43	3 39	23 6	2 1	5 38	0 44	18 26	1 4	21 58	0 41	15 2	1 50	13 37	0 44	10 49	1 55	24 34	16 54	21 4	20 51	20 26			n.a.
M20	20 40	9 6	2 48	22 43	2 0	5 9	0 50	18 12	1 3	21 55	0 41	15 0	1 50	13 36	0 44	10 49	1 55	24 35	16 55	21 4	20 50	20 25			n.a.
T 21	20 28	14 17	1 46	22 18	1 58	4 40	0 56	17 59	1 3	21 53	0 41	14 57	1 50	13 35	0 44	10 49	1 55	24 35	16 55	21 4	20 50	20 23			n.a.
W22	20 15	18 57	0 38	21 51	1 56	4 10	1 3	17 45	1 3	21 50	0 41	14 55	1 50	13 34	0 44	10 49	1 55	24 36	16 55	21 4	20 49	20 21			n.a.
T 23	20 1	22 48	0n36	21 23	1 53	3 41	1 9	17 30	1 3	21 47	0 41	14 52	1 50	13 33	0 44	10 50	1 55	24 37	16 56	21 4	20 48	20 19			n.a.
F 24	19 48	25 23	1 49	20 52	1 49	3 12	1 16	17 16	1 2	21 45	0 41	14 50	1 50	13 31	0 44	10 50	1 55	24 38	16 56	21 4	20 48	20 17			n.a.
S 25	19 33	26 20	2 58	20 19	1 45	2 42	1 22	17 2	1 2	21 42	0 41	14 48	1 50	13 30	0 44	10 50	1 55	24 39	16 57	21 3	20 47	20 15			n.a.
S 26	19 19	25 24	3 56	19 45	1 41	2 13	1 29	16 47	1 2	21 39	0 41	14 45	1 50	13 29	0 44	10 50	1 55	24 40	16 57	21 2	20 46	20 13			n.a.
M27	19 4	22 35	4 38	19 9	1 35	1 44	1 36	16 32	1 1	21 37	0 41	14 43	1 50	13 28	0 44	10 50	1 55	24 40	16 57	21 0	20 46	20 11			n.a.
T 28	18 49	18 10	5 0	18 31	1 29	1 15	1 42	16 17	1 1	21 34	0 41	14 40	1 50	13 27	0 44	10 50	1 55	24 41	16 58	20 58	20 45	20 9			n.a.
W29	18 34	12 37	5 1	17 51	1 23	0 46	1 49	16 2	1 1	21 31	0 42	14 38	1 50	13 26	0 44	10 50	1 55	24 42	16 58	20 56	20 44	20 7			n.a.
T 30	18 18	6 26	4 41	17 10	1 16	0 18	1 56	15 47	1 0	21 28	0 42	14 35	1 50	13 25	0 44	10 50	1 55	24 43	16 58	20 55	20 44	20 5			n.a.
F 31	18 s 2	0n 4	4n 4	16 s27	1 s 8	0n11	2n 3	15 s31	1 s 0	21 s26	0 s42	14 s33	1 s50	13 s24	0 s44	10 s50	1n55	24n44	16n59	20n54	20n43	20 s 3			n.a.

Julian Day Number = 1718501.5, Delta T = 02h57m09s
Ecliptic obliquity = 23°41'49, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°10'20, Lahiri = - 4°03'19 Julian Calendar 1 Jan. 8 BCE == Greg. Calendar 30 Dec. 009 BCE

The year -07 astronomical counting style corresponds to year 008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 8 BCE
geocentric

FEBRUARY 8 BCE (-7) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 35 28	10♒37'25	23♎ 8	20♒37	26♓41	22♒ 1	28♑26	26♒37	26♒53	2♏59	6°R51	2°R30	1♊37	19♒ 6	n.a.	S 1
S 2	8 39 24	11°37'32	6♏40	22°31	27°35	22°48	28°40	26°44	26°56	2°59	6♍49	2°D28	1°34	19°12	n.a.	S 2
M 3	8 43 21	12°37'38	19°46	24°23	28°28	23°34	28°54	26°52	27° 0	2°59	6°48	2♊28	1°31	19°19	n.a.	M 3
T 4	8 47 17	13°37'42	2♐29	26°14	29°21	24°21	29° 8	26°59	27° 3	2°59	6°46	2°R29	1°28	19°26	n.a.	T 4
W 5	8 51 14	14°37'44	14°56	28° 3	0♈13	25° 7	29°23	27° 6	27° 6	2°R59	6°45	2°28	1°25	19°32	n.a.	W 5
T 6	8 55 10	15°37'45	27° 9	29°50	1° 4	25°54	29°37	27°14	27°10	2°59	6°43	2°25	1°21	19°39	n.a.	T 6
F 7	8 59 7	16°37'44	9♑12	1♓34	1°55	26°40	29°51	27°21	27°13	2°59	6°42	2°20	1°18	19°46	n.a.	F 7
S 8	9 3 3	17°37'41	21°10	3°16	2°45	27°27	0♒ 5	27°29	27°17	2°59	6°40	2°12	1°15	19°53	n.a.	S 8
S 9	9 7 0	18°37'36	3♒ 3	4°53	3°34	28°13	0°19	27°36	27°20	2°59	6°39	2° 0	1°12	19°59	n.a.	S 9
M10	9 10 57	19°37'29	14°55	6°27	4°22	28°59	0°33	27°43	27°23	2°59	6°37	1°47	1° 9	20° 6	n.a.	M10
T 11	9 14 53	20°37'19	26°47	7°56	5° 9	29°46	0°47	27°51	27°27	2°59	6°36	1°33	1° 6	20°13	n.a.	T 11
W12	9 18 50	21°37'08	8♓40	9°20	5°55	0♓32	1° 1	27°58	27°30	2°58	6°34	1°18	1° 2	20°20	n.a.	W12
T 13	9 22 46	22°36'55	20°36	10°38	6°40	1°18	1°15	28° 6	27°34	2°58	6°33	1° 5	0°59	20°26	n.a.	T 13
F 14	9 26 43	23°36'39	2♈35	11°50	7°25	2° 4	1°28	28°13	27°37	2°58	6°31	0°54	0°56	20°33	n.a.	F 14
S 15	9 30 39	24°36'21	14°41	12°56	8° 8	2°51	1°42	28°21	27°41	2°58	6°29	0°46	0°53	20°40	n.a.	S 15
S 16	9 34 36	25°36'01	26°57	13°55	8°50	3°37	1°56	28°28	27°44	2°57	6°28	0°40	0°50	20°46	n.a.	S 16
M17	9 38 32	26°35'38	9♉25	14°46	9°31	4°23	2°10	28°36	27°47	2°57	6°26	0°38	0°47	20°53	n.a.	M17
T 18	9 42 29	27°35'13	22°11	15°30	10°11	5° 9	2°24	28°43	27°51	2°56	6°25	0°37	0°43	21° 0	n.a.	T 18
W19	9 46 25	28°34'46	5♊18	16° 5	10°50	5°55	2°37	28°51	27°54	2°56	6°23	0°37	0°40	21° 7	n.a.	W19
T 20	9 50 22	29°34'16	18°51	16°33	11°28	6°41	2°51	28°58	27°58	2°55	6°21	0°36	0°37	21°13	n.a.	T 20
F 21	9 54 19	0♓33'44	2♋51	16°53	12° 4	7°27	3° 4	29° 6	28° 1	2°55	6°20	0°34	0°34	21°20	n.a.	F 21
S 22	9 58 15	1°33'10	17°19	17° 5	12°39	8°12	3°18	29°13	28° 5	2°54	6°18	0°29	0°31	21°27	n.a.	S 22
S 23	10 2 12	2°32'33	2♌12	17°R 9	13°12	8°58	3°31	29°21	28° 8	2°54	6°16	0°22	0°27	21°33	n.a.	S 23
M24	10 6 8	3°31'54	17°24	17° 5	13°44	9°44	3°45	29°28	28°11	2°53	6°15	0°12	0°24	21°40	n.a.	M24
T 25	10 10 5	4°31'12	2♍44	16°54	14°14	10°30	3°58	29°36	28°15	2°53	6°13	0° 1	0°21	21°47	n.a.	T 25
W26	10 14 1	5°30'28	18° 1	16°35	14°43	11°15	4°11	29°43	28°18	2°52	6°11	29♉50	0°18	21°54	n.a.	W26
T 27	10 17 58	6°29'43	3♎ 3	16°10	15°11	12° 1	4°25	29°51	28°22	2°51	6°10	29°40	0°15	22° 0	n.a.	T 27
F 28	10 21 54	7♓28'55	17♎43	15♓39	15♈36	12♓46	4♒38	29♒58	28♒25	2♏51	6♍ 8	29♉32	0♊12	22♒ 7	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s46	6s 6	3n13	15s43	0s59	0n39	2n10	15s16	1s 0	21s23	0s42	14s30	1s50	13s22	0s44	10s50	1n55	24n45	16n59	20n53	20n42	20s 1		n.a.
S 2	17 29	11 48	2 13	14 57	0 50	1 8	2 18	15 0	0 59	21 20	0 42	14 27	1 50	13 21	0 44	10 50	1 56	24 45	16 59	20 53	20 42	19 59		n.a.
M 3	17 12	16 47	1 7	14 10	0 40	1 36	2 25	14 44	0 59	21 17	0 42	14 25	1 50	13 20	0 44	10 50	1 56	24 46	16 59	20 53	20 41	19 57		n.a.
T 4	16 55	20 53	0s 0	13 23	0 30	2 4	2 32	14 28	0 59	21 14	0 42	14 22	1 50	13 19	0 44	10 50	1 56	24 47	17 0	20 53	20 41	19 55		n.a.
W 5	16 37	23 55	1 6	12 34	0 19	2 31	2 40	14 12	0 58	21 11	0 42	14 20	1 50	13 18	0 44	10 50	1 56	24 48	17 0	20 53	20 40	19 53		n.a.
T 6	16 19	25 47	2 7	11 46	0 7	2 59	2 47	13 56	0 58	21 9	0 42	14 17	1 50	13 16	0 44	10 50	1 56	24 49	17 0	20 52	20 39	19 51		n.a.
F 7	16 1	26 23	3 1	10 57	0n 5	3 26	2 54	13 40	0 58	21 6	0 43	14 15	1 50	13 15	0 44	10 50	1 56	24 50	17 0	20 51	20 39	19 49		n.a.
S 8	15 43	25 45	3 47	10 9	0 18	3 53	3 2	13 23	0 57	21 3	0 43	14 12	1 50	13 14	0 44	10 49	1 56	24 50	17 1	20 49	20 38	19 47		n.a.
S 9	15 24	23 57	4 23	9 21	0 31	4 19	3 10	13 7	0 57	21 0	0 43	14 10	1 50	13 13	0 44	10 49	1 56	24 51	17 1	20 47	20 37	19 45		n.a.
M10	15 5	21 6	4 47	8 33	0 44	4 46	3 17	12 50	0 56	20 57	0 43	14 7	1 50	13 12	0 44	10 49	1 56	24 52	17 1	20 44	20 37	19 43		n.a.
T 11	14 46	17 23	4 59	7 47	0 58	5 12	3 25	12 33	0 56	20 54	0 43	14 4	1 50	13 11	0 44	10 49	1 56	24 53	17 1	20 42	20 36	19 41		n.a.
W12	14 27	12 59	4 57	7 3	1 12	5 37	3 33	12 16	0 56	20 51	0 43	14 2	1 50	13 9	0 44	10 49	1 56	24 54	17 2	20 39	20 35	19 39		n.a.
T 13	14 7	8 5	4 43	6 20	1 26	6 3	3 40	11 59	0 55	20 48	0 43	13 59	1 50	13 8	0 44	10 49	1 56	24 54	17 2	20 36	20 35	19 37		n.a.
F 14	13 48	2 52	4 16	5 40	1 39	6 27	3 48	11 42	0 55	20 45	0 43	13 57	1 50	13 7	0 44	10 49	1 56	24 55	17 2	20 34	20 34	19 35		n.a.
S 15	13 28	2n31	3 37	5 2	1 53	6 52	3 56	11 25	0 54	20 42	0 44	13 54	1 50	13 6	0 44	10 49	1 56	24 56	17 2	20 32	20 33	19 33		n.a.
S 16	13 7	7 53	2 48	4 27	2 6	7 16	4 4	11 8	0 54	20 39	0 44	13 51	1 50	13 5	0 44	10 48	1 56	24 57	17 2	20 31	20 33	19 31		n.a.
M17	12 47	13 3	1 49	3 55	2 19	7 40	4 12	10 50	0 54	20 36	0 44	13 49	1 51	13 3	0 44	10 48	1 56	24 57	17 2	20 30	20 32	19 29		n.a.
T 18	12 26	17 48	0 44	3 27	2 32	8 3	4 20	10 33	0 53	20 33	0 44	13 46	1 51	13 2	0 44	10 48	1 57	24 58	17 3	20 30	20 31	19 27		n.a.
W19	12 6	21 49	0n25	3 2	2 44	8 25	4 27	10 15	0 53	20 30	0 44	13 43	1 51	13 1	0 44	10 48	1 57	24 59	17 3	20 30	20 31	19 25		n.a.
T 20	11 45	24 48	1 35	2 41	2 54	8 48	4 35	9 58	0 52	20 27	0 44	13 41	1 51	13 0	0 44	10 48	1 57	25 0	17 3	20 30	20 30	19 23		n.a.
F 21	11 24	26 21	2 41	2 24	3 4	9 9	4 43	9 40	0 52	20 24	0 44	13 38	1 51	12 59	0 44	10 47	1 57	25 0	17 3	20 29	20 29	19 20		n.a.
S 22	11 2	26 12	3 40	2 11	3 13	9 30	4 51	9 23	0 51	20 21	0 45	13 36	1 51	12 57	0 44	10 47	1 57	25 1	17 3	20 28	20 29	19 18		n.a.
S 23	10 41	24 11	4 25	2 3	3 21	9 51	4 59	9 5	0 51	20 18	0 45	13 33	1 51	12 56	0 44	10 47	1 57	25 2	17 3	20 27	20 28	19 16		n.a.
M24	10 19	20 25	4 53	1 58	3 27	10 10	5 7	8 47	0 51	20 15	0 45	13 30	1 51	12 55	0 44	10 47	1 57	25 3	17 3	20 25	20 27	19 14		n.a.
T 25	9 57	15 15	5 0	1 58	3 32	10 29	5 14	8 29	0 50	20 12	0 45	13 28	1 51	12 54	0 44	10 46	1 57	25 3	17 3	20 22	20 27	19 12		n.a.
W26	9 35	9 9	4 45	2 3	3 36	10 48	5 22	8 11	0 50	20 9	0 45	13 25	1 51	12 53	0 44	10 46	1 57	25 4	17 3	20 20	20 26	19 10		n.a.
T 27	9 13	2 36	4 11	2 11	3 37	11 6	5 30	7 53	0 49	20 6	0 45	13 23	1 51	12 51	0 44	10 46	1 57	25 5	17 3	20 18	20 25	19 8		n.a.
F 28	8s51	3s56	3n21	2s23	3n37	11n22	5n37	7s35	0s49	20s 3	0s45	13s20	1s51	12s50	0s44	10s45	1n57	25n 5	17n 3	20n16	20n25	19s 6		n.a.

Julian Day Number = 1718532.5, Delta T = 02h57m08s
Ecliptic obliquity = 23°41'50, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°10'15, Lahiri = - 4°03'15 Julian Calendar 1 Feb. 8 BCE == Greg. Calendar 30 Jan. 008 BCE

The year -07 astronomical counting style corresponds to year 008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 8 BCE
geocentric

MARCH 8 BCE (-7) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 25 51	8♓28'05	1♏54	15°R 3	16♈ 0	13♓32	4♒51	0♓ 6	28♒28	2°R50	6°R 6	29°R28	0♊ 8	22♒14	n.a.	S 1
S 2	10 29 48	9°27'13	15°35	14♓22	16°22	14°18	5° 4	0°13	28°32	2♏49	6♍ 5	29♉25	0° 5	22°21	n.a.	S 2
M 3	10 33 44	10°26'20	28°47	13°38	16°42	15° 3	5°17	0°21	28°35	2°48	6° 3	29°D25	0° 2	22°27	n.a.	M 3
T 4	10 37 41	11°25'25	11♐34	12°51	17° 0	15°48	5°30	0°28	28°39	2°47	6° 1	29°R25	29♉59	22°34	n.a.	T 4
W 5	10 41 37	12°24'27	24° 0	12° 2	17°16	16°34	5°43	0°36	28°42	2°46	6° 0	29°24	29°56	22°41	n.a.	W 5
T 6	10 45 34	13°23'29	6♑11	11°13	17°31	17°19	5°56	0°43	28°45	2°46	5°58	29°22	29°52	22°47	n.a.	T 6
F 7	10 49 30	14°22'28	18°11	10°25	17°43	18° 4	6° 9	0°50	28°49	2°45	5°57	29°18	29°49	22°54	n.a.	F 7
S 8	10 53 27	15°21'25	0♒ 5	9°37	17°53	18°50	6°22	0°58	28°52	2°44	5°55	29°10	29°46	23° 1	n.a.	S 8
S 9	10 57 23	16°20'20	11°56	8°52	18° 0	19°35	6°34	1° 5	28°55	2°43	5°53	29° 0	29°43	23° 8	n.a.	S 9
M10	11 1 20	17°19'13	23°47	8° 9	18° 6	20°20	6°47	1°12	28°59	2°42	5°52	28°48	29°40	23°14	n.a.	M10
T 11	11 5 17	18°18'05	5♓40	7°30	18° 9	21° 5	6°59	1°20	29° 2	2°41	5°50	28°35	29°37	23°21	n.a.	T 11
W12	11 9 13	19°16'54	17°37	6°55	18°R10	21°50	7°12	1°27	29° 5	2°40	5°48	28°22	29°33	23°28	n.a.	W12
T 13	11 13 10	20°15'41	29°39	6°24	18° 8	22°35	7°24	1°34	29° 8	2°39	5°47	28°10	29°30	23°34	n.a.	T 13
F 14	11 17 6	21°14'26	11♈47	5°59	18° 4	23°20	7°37	1°42	29°12	2°38	5°45	28° 0	29°27	23°41	n.a.	F 14
S 15	11 21 3	22°13'09	24° 3	5°38	17°57	24° 5	7°49	1°49	29°15	2°36	5°44	27°53	29°24	23°48	n.a.	S 15
S 16	11 24 59	23°11'49	6♉29	5°22	17°48	24°50	8° 1	1°56	29°18	2°35	5°42	27°48	29°21	23°55	n.a.	S 16
M17	11 28 56	24°10'28	19° 6	5°12	17°37	25°34	8°13	2° 3	29°21	2°34	5°41	27°46	29°18	24° 1	n.a.	M17
T 18	11 32 52	25° 9'04	1♊57	5°D 7	17°23	26°19	8°25	2°10	29°24	2°33	5°39	27°D45	29°14	24° 8	n.a.	T 18
W19	11 36 49	26° 7'38	15° 5	5° 7	17° 7	27° 4	8°37	2°17	29°28	2°32	5°37	27°46	29°11	24°15	n.a.	W19
T 20	11 40 45	27° 6'10	28°34	5°12	16°48	27°48	8°49	2°24	29°31	2°30	5°36	27°R46	29° 8	24°22	n.a.	T 20
F 21	11 44 42	28° 4'39	12♋25	5°23	16°27	28°33	9° 1	2°32	29°34	2°29	5°34	27°45	29° 5	24°28	n.a.	F 21
S 22	11 48 39	29° 3'06	26°40	5°38	16° 3	29°17	9°12	2°39	29°37	2°28	5°33	27°43	29° 2	24°35	n.a.	S 22
S 23	11 52 35	0♈ 1'31	11♌16	5°58	15°38	0♈ 2	9°24	2°46	29°40	2°27	5°31	27°37	28°58	24°42	n.a.	S 23
M24	11 56 32	0°59'53	26° 9	6°22	15°10	0°46	9°36	2°52	29°43	2°25	5°30	27°30	28°55	24°48	n.a.	M24
T 25	12 0 28	1°58'14	11♍12	6°51	14°40	1°31	9°47	2°59	29°46	2°24	5°29	27°22	28°52	24°55	n.a.	T 25
W26	12 4 25	2°56'32	26°16	7°24	14° 9	2°15	9°58	3° 6	29°49	2°23	5°27	27°14	28°49	25° 2	n.a.	W26
T 27	12 8 21	3°54'48	11♎11	8° 1	13°36	2°59	10° 9	3°13	29°52	2°21	5°26	27° 6	28°46	25° 9	n.a.	T 27
F 28	12 12 18	4°53'03	25°48	8°41	13° 2	3°43	10°21	3°20	29°55	2°20	5°24	27° 1	28°43	25°15	n.a.	F 28
S 29	12 16 14	5°51'15	10♏ 1	9°26	12°26	4°28	10°32	3°27	29°58	2°19	5°23	26°57	28°39	25°22	n.a.	S 29
S 30	12 20 11	6°49'27	23°46	10°14	11°49	5°12	10°43	3°33	0♓ 1	2°17	5°22	26°D56	28°36	25°29	n.a.	S 30
M31	12 24 8	7♈47'36	7♐ 4	11♓ 5	11♈12	5♈56	10♒53	3♓40	0♓ 4	2♏16	5♍20	26♉56	28♉33	25♒36	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8s29	10s 4	2n20	2s39	3n35	11n39	5n44	7s17	0s48	20s 0	0s46	13s17	1s51	12s49	0s44	10s45	1n57	25n 6	17n 3	20n15	20n24	19s 4		n.a.
S 2	8 7	15 31	1 13	2 58	3 32	11 54	5 52	6 59	0 48	19 57	0 46	13 15	1 51	12 48	0 44	10 45	1 57	25 7	17 3	20 15	20 23	19 1		n.a.
M 3	7 44	20 3	0 3	3 20	3 26	12 8	5 59	6 41	0 47	19 54	0 46	13 12	1 51	12 47	0 44	10 44	1 57	25 7	17 3	20 15	20 23	18 59		n.a.
T 4	7 21	23 28	1s 4	3 44	3 19	12 22	6 6	6 22	0 47	19 50	0 46	13 10	1 51	12 46	0 44	10 44	1 57	25 8	17 3	20 15	20 22	18 57		n.a.
W 5	6 59	25 40	2 6	4 11	3 11	12 35	6 13	6 4	0 46	19 47	0 46	13 7	1 51	12 44	0 44	10 44	1 57	25 9	17 3	20 14	20 21	18 55		n.a.
T 6	6 36	26 34	3 1	4 39	3 1	12 46	6 19	5 46	0 46	19 44	0 46	13 4	1 52	12 43	0 44	10 43	1 57	25 9	17 3	20 14	20 21	18 53		n.a.
F 7	6 13	26 12	3 48	5 8	2 49	12 57	6 26	5 28	0 45	19 41	0 47	13 2	1 52	12 42	0 44	10 43	1 57	25 10	17 3	20 13	20 20	18 51		n.a.
S 8	5 50	24 38	4 24	5 38	2 36	13 6	6 32	5 9	0 45	19 38	0 47	12 59	1 52	12 41	0 44	10 43	1 58	25 10	17 3	20 11	20 19	18 48		n.a.
S 9	5 27	22 0	4 48	6 8	2 23	13 15	6 38	4 51	0 44	19 35	0 47	12 57	1 52	12 40	0 44	10 42	1 58	25 11	17 3	20 9	20 18	18 46		n.a.
M10	5 4	18 26	5 0	6 37	2 8	13 22	6 44	4 32	0 44	19 32	0 47	12 54	1 52	12 39	0 44	10 42	1 58	25 12	17 3	20 7	20 18	18 44		n.a.
T 11	4 40	14 9	4 59	7 6	1 53	13 28	6 49	4 14	0 43	19 29	0 47	12 52	1 52	12 37	0 44	10 42	1 58	25 12	17 3	20 4	20 17	18 42		n.a.
W12	4 17	9 18	4 44	7 34	1 38	13 33	6 54	3 56	0 43	19 26	0 47	12 49	1 52	12 36	0 44	10 41	1 58	25 13	17 3	20 1	20 16	18 40		n.a.
T 13	3 54	4 4	4 17	8 0	1 22	13 37	6 59	3 37	0 42	19 23	0 48	12 46	1 52	12 35	0 44	10 41	1 58	25 13	17 3	19 58	20 16	18 38		n.a.
F 14	3 31	1n22	3 39	8 24	1 6	13 39	7 3	3 19	0 42	19 20	0 48	12 44	1 52	12 34	0 44	10 40	1 58	25 14	17 3	19 56	20 15	18 35		n.a.
S 15	3 7	6 49	2 49	8 46	0 50	13 40	7 7	3 0	0 41	19 17	0 48	12 41	1 52	12 33	0 44	10 40	1 58	25 14	17 3	19 54	20 14	18 33		n.a.
S 16	2 44	12 5	1 51	9 7	0 34	13 40	7 10	2 42	0 41	19 14	0 48	12 39	1 53	12 32	0 44	10 39	1 58	25 15	17 3	19 53	20 14	18 31		n.a.
M17	2 20	16 57	0 46	9 25	0 19	13 38	7 13	2 23	0 40	19 11	0 48	12 36	1 53	12 31	0 44	10 39	1 58	25 15	17 2	19 52	20 13	18 29		n.a.
T 18	1 57	21 8	0n22	9 41	0 4	13 35	7 15	2 5	0 40	19 8	0 48	12 34	1 53	12 29	0 44	10 39	1 58	25 16	17 2	19 52	20 12	18 26		n.a.
W19	1 33	24 22	1 31	9 54	0s11	13 30	7 17	1 47	0 39	19 5	0 49	12 31	1 53	12 28	0 44	10 38	1 58	25 16	17 2	19 52	20 12	18 24		n.a.
T 20	1 10	26 18	2 37	10 6	0 25	13 23	7 18	1 28	0 39	19 2	0 49	12 29	1 53	12 27	0 44	10 38	1 58	25 17	17 2	19 53	20 11	18 22		n.a.
F 21	0 46	26 41	3 35	10 14	0 39	13 16	7 19	1 10	0 38	18 59	0 49	12 26	1 53	12 26	0 44	10 37	1 58	25 17	17 2	19 52	20 10	18 20		n.a.
S 22	0 23	25 19	4 22	10 21	0 52	13 6	7 18	0 51	0 38	18 56	0 49	12 24	1 53	12 25	0 44	10 37	1 58	25 17	17 2	19 52	20 9	18 18		n.a.
S 23	0n 1	22 16	4 53	10 25	1 4	12 55	7 17	0 33	0 37	18 53	0 49	12 22	1 53	12 24	0 44	10 36	1 58	25 18	17 1	19 51	20 9	18 15		n.a.
M24	0 24	17 42	5 5	10 27	1 16	12 43	7 16	0 15	0 36	18 50	0 50	12 19	1 54	12 23	0 44	10 36	1 58	25 18	17 1	19 49	20 8	18 13		n.a.
T 25	0 48	11 59	4 56	10 26	1 27	12 29	7 13	0n 4	0 36	18 47	0 50	12 17	1 54	12 22	0 44	10 35	1 58	25 19	17 1	19 47	20 7	18 11		n.a.
W26	1 11	5 34	4 27	10 23	1 37	12 13	7 10	0 22	0 35	18 44	0 50	12 14	1 54	12 21	0 44	10 35	1 58	25 19	17 1	19 45	20 7	18 8		n.a.
T 27	1 34	1s 6	3 40	10 18	1 47	11 56	7 6	0 40	0 35	18 42	0 50	12 12	1 54	12 20	0 44	10 34	1 58	25 19	17 1	19 43	20 6	18 6		n.a.
F 28	1 58	7 36	2 39	10 11	1 56	11 38	7 1	0 58	0 34	18 39	0 50	12 10	1 54	12 19	0 44	10 34	1 58	25 20	17 0	19 42	20 5	18 4		n.a.
S 29	2 21	13 33	1 30	10 1	2 4	11 19	6 55	1 17	0 34	18 36	0 51	12 7	1 54	12 18	0 44	10 33	1 58	25 20	17 0	19 41	20 5	18 2		n.a.
S 30	2 44	18 39	0 17	9 50	2 11	10 58	6 49	1 35	0 33	18 33	0 51	12 5	1 54	12 17	0 44	10 33	1 58	25 20	17 0	19 41	20 4	17 59		n.a.
M31	3n 7	22s37	0s54	9s37	2s18	10n37	6n41	1n53	0s33	18s30	0s51	12s 3	1s54	12s16	0s44	10s32	1n58	25n21	17n 0	19n41	20n 3	17s57		n.a.

Julian Day Number = 1718560.5, Delta T = 02h57m08s
Ecliptic obliquity = 23°41'50, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°10'12, Lahiri = - 4°03'11 Julian Calendar 1 March 8 BCE == Greg. Calendar 27 Feb. 008 BCE

The year -07 astronomical counting style corresponds to year 008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 8 BCE
geocentric

APRIL 8 BCE (-7) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 28 4	8♈45'44	19♐57	12♓ 0	10°R34	6♈40	11♒ 4	3♓47	0♓ 7	2°R14	5°R19	26♉58	28♉30	25♒42	n.a.	T 1
W 2	12 32 1	9°43'51	2♑28	12°57	9♈56	7°24	11°15	3°53	0°10	2♏13	5♍18	26°59	28°27	25°49	n.a.	W 2
T 3	12 35 57	10°41'56	14°42	13°58	9°18	8° 8	11°25	4° 0	0°12	2°11	5°16	26°R59	28°24	25°56	n.a.	T 3
F 4	12 39 54	11°39'59	26°44	15° 1	8°41	8°52	11°36	4° 6	0°15	2°10	5°15	26°58	28°20	26° 2	n.a.	F 4
S 5	12 43 50	12°38'01	8♒38	16° 8	8° 3	9°35	11°46	4°13	0°18	2° 8	5°14	26°54	28°17	26° 9	n.a.	S 5
S 6	12 47 47	13°36'01	20°29	17°16	7°27	10°19	11°56	4°19	0°21	2° 7	5°13	26°49	28°14	26°16	n.a.	S 6
M 7	12 51 43	14°34'00	2♓22	18°28	6°51	11° 3	12° 7	4°26	0°23	2° 5	5°11	26°43	28°11	26°23	n.a.	M 7
T 8	12 55 40	15°31'57	14°18	19°42	6°17	11°46	12°17	4°32	0°26	2° 4	5°10	26°35	28° 8	26°29	n.a.	T 8
W 9	12 59 37	16°29'53	26°20	20°58	5°44	12°30	12°27	4°38	0°29	2° 2	5° 9	26°28	28° 4	26°36	n.a.	W 9
T 10	13 3 33	17°27'47	8♈31	22°17	5°12	13°14	12°36	4°44	0°31	2° 1	5° 8	26°21	28° 1	26°43	n.a.	T 10
F 11	13 7 30	18°25'40	20°52	23°38	4°43	13°57	12°46	4°51	0°34	1°59	5° 7	26°15	27°58	26°49	n.a.	F 11
S 12	13 11 26	19°23'31	3♉23	25° 2	4°15	14°41	12°56	4°57	0°36	1°58	5° 6	26°11	27°55	26°56	n.a.	S 12
S 13	13 15 23	20°21'21	16° 5	26°27	3°49	15°24	13° 5	5° 3	0°39	1°56	5° 5	26° 9	27°52	27° 3	n.a.	S 13
M14	13 19 19	21°19'09	28°59	27°55	3°25	16° 7	13°14	5° 9	0°41	1°54	5° 4	26°D 9	27°49	27°10	n.a.	M14
T 15	13 23 16	22°16'55	12♊ 6	29°25	3° 4	16°51	13°23	5°15	0°44	1°53	5° 3	26°10	27°45	27°16	n.a.	T 15
W16	13 27 12	23°14'39	25°26	0♈57	2°44	17°34	13°33	5°21	0°46	1°51	5° 2	26°11	27°42	27°23	n.a.	W16
T 17	13 31 9	24°12'22	9♋ 2	2°32	2°27	18°17	13°41	5°26	0°48	1°50	5° 1	26°12	27°39	27°30	n.a.	T 17
F 18	13 35 6	25°10'03	22°54	4° 8	2°13	19° 0	13°50	5°32	0°51	1°48	5° 0	26°R13	27°36	27°37	n.a.	F 18
S 19	13 39 2	26° 7'43	7♌ 1	5°47	2° 0	19°43	13°59	5°38	0°53	1°46	4°59	26°13	27°33	27°43	n.a.	S 19
S 20	13 42 59	27° 5'20	21°22	7°27	1°51	20°26	14° 7	5°44	0°55	1°45	4°58	26°11	27°29	27°50	n.a.	S 20
M21	13 46 55	28° 2'56	5♍54	9°10	1°43	21° 9	14°16	5°49	0°58	1°43	4°57	26° 8	27°26	27°57	n.a.	M21
T 22	13 50 52	29° 0'31	20°33	10°55	1°38	21°52	14°24	5°55	1° 0	1°42	4°56	26° 5	27°23	28° 3	n.a.	T 22
W23	13 54 48	29°58'03	5♎12	12°42	1°36	22°35	14°32	6° 0	1° 2	1°40	4°56	26° 1	27°20	28°10	n.a.	W23
T 24	13 58 45	0♉55'35	19°44	14°32	1°D36	23°18	14°40	6° 5	1° 4	1°38	4°55	25°58	27°17	28°17	n.a.	T 24
F 25	14 2 41	1°53'05	4♏ 3	16°23	1°38	24° 0	14°48	6°11	1° 6	1°37	4°54	25°55	27°14	28°24	n.a.	F 25
S 26	14 6 38	2°50'34	18° 5	18°17	1°42	24°43	14°56	6°16	1° 8	1°35	4°53	25°54	27°10	28°30	n.a.	S 26
S 27	14 10 34	3°48'01	1♐44	20°12	1°49	25°26	15° 4	6°21	1°10	1°33	4°53	25°D54	27° 7	28°37	n.a.	S 27
M28	14 14 31	4°45'28	15° 1	22°10	1°58	26° 8	15°11	6°26	1°12	1°32	4°52	25°55	27° 4	28°44	n.a.	M28
T 29	14 18 28	5°42'54	27°55	24° 9	2° 9	26°51	15°18	6°31	1°14	1°30	4°51	25°56	27° 1	28°51	n.a.	T 29
W30	14 22 24	6♉40'19	10♑29	26♈11	2♈22	27♈33	15♒26	6♓36	1♓16	1♏29	4♍51	25♉58	26♉58	28♒57	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3n31	25s19	2s 1	9s21	2s24	10n14	6n33	2n11	0s32	18s27	0s51	12s 0	1s55	12s15	0s44	10s32	1n58	25n21	16n59	19n41	20n 2	17s55		n.a.
W 2	3 54	26 40	3 0	9 4	2 30	9 51	6 24	2 29	0 31	18 25	0 51	11 58	1 55	12 14	0 44	10 31	1 58	25 21	16 59	19 42	20 2	17 52		n.a.
T 3	4 17	26 40	3 49	8 45	2 35	9 27	6 15	2 47	0 31	18 22	0 52	11 56	1 55	12 13	0 44	10 31	1 58	25 21	16 59	19 42	20 1	17 50		n.a.
F 4	4 40	25 24	4 27	8 24	2 39	9 3	6 5	3 5	0 30	18 19	0 52	11 54	1 55	12 12	0 45	10 30	1 58	25 21	16 59	19 41	20 0	17 48		n.a.
S 5	5 3	23 0	4 53	8 1	2 42	8 38	5 54	3 23	0 30	18 17	0 52	11 51	1 55	12 11	0 45	10 30	1 59	25 22	16 58	19 41	20 0	17 46		n.a.
S 6	5 25	19 39	5 7	7 36	2 45	8 13	5 42	3 41	0 29	18 14	0 52	11 49	1 55	12 10	0 45	10 29	1 59	25 22	16 58	19 39	19 59	17 43		n.a.
M 7	5 48	15 30	5 7	7 10	2 47	7 48	5 30	3 59	0 29	18 11	0 53	11 47	1 56	12 9	0 45	10 29	1 59	25 22	16 58	19 38	19 58	17 41		n.a.
T 8	6 11	10 45	4 54	6 42	2 49	7 23	5 18	4 17	0 28	18 9	0 53	11 45	1 56	12 8	0 45	10 28	1 59	25 22	16 57	19 36	19 57	17 39		n.a.
W 9	6 33	5 34	4 28	6 12	2 50	6 58	5 5	4 34	0 27	18 6	0 53	11 43	1 56	12 7	0 45	10 27	1 59	25 22	16 57	19 34	19 57	17 36		n.a.
T 10	6 56	0 6	3 49	5 41	2 50	6 33	4 52	4 52	0 27	18 3	0 53	11 40	1 56	12 6	0 45	10 27	1 59	25 23	16 57	19 33	19 56	17 34		n.a.
F 11	7 18	5n27	3 0	5 9	2 49	6 9	4 39	5 10	0 26	18 1	0 53	11 38	1 56	12 5	0 45	10 26	1 59	25 23	16 56	19 31	19 55	17 32		n.a.
S 12	7 40	10 53	2 1	4 34	2 49	5 45	4 25	5 27	0 26	17 58	0 54	11 36	1 56	12 4	0 45	10 26	1 59	25 23	16 56	19 30	19 55	17 29		n.a.
S 13	8 2	15 57	0 55	3 58	2 47	5 22	4 11	5 45	0 25	17 56	0 54	11 34	1 57	12 4	0 45	10 25	1 59	25 23	16 56	19 30	19 54	17 27		n.a.
M14	8 24	20 24	0n15	3 21	2 45	4 59	3 57	6 2	0 24	17 53	0 54	11 32	1 57	12 3	0 45	10 25	1 59	25 23	16 55	19 30	19 53	17 25		n.a.
T 15	8 46	23 54	1 26	2 43	2 42	4 38	3 43	6 19	0 24	17 51	0 54	11 30	1 57	12 2	0 45	10 24	1 59	25 23	16 55	19 30	19 52	17 22		n.a.
W16	9 8	26 10	2 33	2 2	2 39	4 17	3 29	6 37	0 23	17 49	0 55	11 28	1 57	12 1	0 45	10 24	1 59	25 23	16 55	19 30	19 52	17 20		n.a.
T 17	9 29	26 55	3 33	1 21	2 35	3 58	3 15	6 54	0 23	17 46	0 55	11 26	1 57	12 0	0 45	10 23	1 59	25 23	16 54	19 31	19 51	17 17		n.a.
F 18	9 50	26 1	4 22	0 38	2 30	3 39	3 1	7 11	0 22	17 44	0 55	11 24	1 58	11 59	0 45	10 22	1 59	25 23	16 54	19 31	19 50	17 15		n.a.
S 19	10 12	23 28	4 55	0n 6	2 25	3 21	2 47	7 28	0 21	17 42	0 55	11 22	1 58	11 59	0 45	10 22	1 59	25 23	16 53	19 31	19 49	17 13		n.a.
S 20	10 33	19 26	5 12	0 51	2 20	3 5	2 33	7 45	0 21	17 39	0 56	11 20	1 58	11 58	0 45	10 21	1 59	25 23	16 53	19 30	19 49	17 10		n.a.
M21	10 54	14 12	5 8	1 37	2 14	2 50	2 20	8 2	0 20	17 37	0 56	11 18	1 58	11 57	0 45	10 21	1 59	25 23	16 53	19 30	19 48	17 8		n.a.
T 22	11 14	8 8	4 45	2 25	2 7	2 35	2 7	8 18	0 20	17 35	0 56	11 16	1 58	11 56	0 45	10 20	1 59	25 23	16 52	19 29	19 47	17 5		n.a.
W23	11 35	1 37	4 3	3 14	2 0	2 22	1 53	8 35	0 19	17 33	0 56	11 14	1 59	11 56	0 45	10 20	1 59	25 23	16 52	19 28	19 47	17 3		n.a.
T 24	11 55	4s56	3 5	4 3	1 53	2 11	1 41	8 52	0 18	17 31	0 57	11 13	1 59	11 55	0 45	10 19	1 59	25 23	16 51	19 27	19 46	17 1		n.a.
F 25	12 15	11 10	1 57	4 54	1 45	2 0	1 28	9 8	0 18	17 28	0 57	11 11	1 59	11 54	0 45	10 18	1 59	25 23	16 51	19 27	19 45	16 58		n.a.
S 26	12 35	16 43	0 43	5 46	1 36	1 50	1 16	9 24	0 17	17 26	0 57	11 9	1 59	11 53	0 45	10 18	1 59	25 22	16 51	19 26	19 44	16 56		n.a.
S 27	12 55	21 15	0s32	6 38	1 27	1 42	1 4	9 41	0 17	17 24	0 57	11 7	1 59	11 53	0 45	10 17	1 59	25 22	16 50	19 26	19 44	16 53		n.a.
M28	13 15	24 33	1 43	7 31	1 18	1 35	0 52	9 57	0 16	17 22	0 58	11 6	2 0	11 52	0 45	10 17	1 59	25 22	16 50	19 27	19 43	16 51		n.a.
T 29	13 34	26 28	2 47	8 24	1 8	1 29	0 41	10 13	0 15	17 20	0 58	11 4	2 0	11 51	0 45	10 16	1 59	25 22	16 49	19 27	19 42	16 49		n.a.
W30	13n53	26s57	3s41	9n18	0s58	1n24	0n30	10n29	0s15	17s19	0s58	11s 2	2s 0	11s51	0s45	10s16	1n59	25n22	16n49	19n27	19n41	16s46		n.a.

Julian Day Number = 1718591.5, Delta T = 02h57m07s
Ecliptic obliquity = 23°41'50, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°10'07, Lahiri = - 4°03'07 Julian Calendar 1 Apr. 8 BCE == Greg. Calendar 30 March 008 BCE

The year -07 astronomical counting style corresponds to year 008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 8 BCE
geocentric

MAY 8 BCE (-7) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 26 21	7♉37'43	22♋46	28♈14	2♈37	28♈16	15♒33	6♓41	1♓18	1°R27	4°R50	25♉59	26♉55	29♒ 4	n.a.	T 1
F 2	14 30 17	8°35'07	4♒51	0♉19	2°54	28°58	15°39	6°46	1°19	1♏25	4♍50	26°R 0	26°51	29°11	n.a.	F 2
S 3	14 34 14	9°32'29	16°47	2°26	3°13	29°40	15°46	6°51	1°21	1°24	4°49	25°59	26°48	29°17	n.a.	S 3
S 4	14 38 10	10°29'51	28°40	4°34	3°33	0♉23	15°53	6°56	1°23	1°22	4°49	25°59	26°45	29°24	n.a.	S 4
M 5	14 42 7	11°27'12	10♓34	6°43	3°56	1° 5	15°59	7° 0	1°24	1°21	4°48	25°57	26°42	29°31	n.a.	M 5
T 6	14 46 4	12°24'32	22°33	8°53	4°20	1°47	16° 5	7° 5	1°26	1°19	4°48	25°55	26°39	29°38	n.a.	T 6
W 7	14 50 0	13°21'52	4♈41	11° 4	4°46	2°29	16°11	7° 9	1°28	1°17	4°48	25°54	26°35	29°44	n.a.	W 7
T 8	14 53 57	14°19'11	17° 0	13°16	5°13	3°11	16°17	7°13	1°29	1°16	4°47	25°52	26°32	29°51	n.a.	T 8
F 9	14 57 53	15°16'29	29°32	15°28	5°42	3°53	16°23	7°18	1°31	1°14	4°47	25°51	26°29	29°58	n.a.	F 9
S 10	15 1 50	16°13'46	12♉19	17°39	6°13	4°35	16°29	7°22	1°32	1°13	4°47	25°50	26°26	0♓ 4	n.a.	S 10
S 11	15 5 46	17°11'03	25°21	19°51	6°44	5°17	16°34	7°26	1°34	1°11	4°47	25°D50	26°23	0°11	n.a.	S 11
M12	15 9 43	18° 8'19	8♊38	22° 2	7°17	5°59	16°40	7°30	1°35	1°10	4°46	25°50	26°20	0°18	n.a.	M12
T 13	15 13 39	19° 5'35	22° 9	24°12	7°52	6°41	16°45	7°34	1°36	1° 8	4°46	25°50	26°16	0°25	n.a.	T 13
W14	15 17 36	20° 2'49	5♋52	26°21	8°28	7°23	16°50	7°38	1°37	1° 7	4°46	25°51	26°13	0°31	n.a.	W14
T 15	15 21 33	21° 0'03	19°46	28°29	9° 4	8° 4	16°54	7°42	1°39	1° 5	4°46	25°51	26°10	0°38	n.a.	T 15
F 16	15 25 29	21°57'16	3♌48	0♊35	9°42	8°46	16°59	7°46	1°40	1° 4	4°46	25°52	26° 7	0°45	n.a.	F 16
S 17	15 29 26	22°54'28	17°58	2°40	10°22	9°28	17° 3	7°49	1°41	1° 2	4°46	25°R52	26° 4	0°52	n.a.	S 17
S 18	15 33 22	23°51'38	2♍13	4°43	11° 2	10° 9	17° 8	7°53	1°42	1° 1	4°D46	25°52	26° 1	0°58	n.a.	S 18
M19	15 37 19	24°48'48	16°30	6°44	11°43	10°51	17°12	7°56	1°43	0°59	4°46	25°52	25°57	1° 5	n.a.	M19
T 20	15 41 15	25°45'58	0♎46	8°44	12°25	11°32	17°16	8° 0	1°44	0°58	4°46	25°D52	25°54	1°12	n.a.	T 20
W21	15 45 12	26°43'06	14°58	10°41	13° 8	12°14	17°19	8° 3	1°45	0°56	4°46	25°52	25°51	1°18	n.a.	W21
T 22	15 49 8	27°40'14	29° 2	12°36	13°52	12°55	17°23	8° 6	1°46	0°55	4°46	25°52	25°48	1°25	n.a.	T 22
F 23	15 53 5	28°37'22	12♏55	14°28	14°37	13°36	17°26	8° 9	1°47	0°53	4°46	25°52	25°45	1°32	n.a.	F 23
S 24	15 57 2	29°34'29	26°35	16°19	15°23	14°18	17°29	8°12	1°48	0°52	4°46	25°R52	25°41	1°39	n.a.	S 24
S 25	16 0 58	0♊31'35	9♐58	18° 7	16°10	14°59	17°32	8°15	1°48	0°51	4°47	25°52	25°38	1°45	n.a.	S 25
M26	16 4 55	1°28'42	23° 4	19°54	16°57	15°40	17°35	8°18	1°49	0°49	4°47	25°51	25°35	1°52	n.a.	M26
T 27	16 8 51	2°25'48	5♑52	21°37	17°45	16°21	17°38	8°21	1°50	0°48	4°47	25°51	25°32	1°59	n.a.	T 27
W28	16 12 48	3°22'55	18°24	23°19	18°34	17° 2	17°40	8°23	1°50	0°47	4°47	25°50	25°29	2° 6	n.a.	W28
T 29	16 16 44	4°20'01	0♒41	24°58	19°24	17°43	17°43	8°26	1°51	0°45	4°48	25°49	25°26	2°12	n.a.	T 29
F 30	16 20 41	5°17'08	12°46	26°35	20°14	18°24	17°45	8°28	1°51	0°44	4°48	25°48	25°22	2°19	n.a.	F 30
S 31	16 24 37	6♊14'14	24♒44	28♊10	21♈ 5	19♉ 5	17♒47	8♓31	1♓52	0♏43	4♍49	25♉47	25♉19	2♓26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	14n12	26s 5	4s24	10n13	0s48	1n20	0n19	10n45	0s14	17s17	0s58	11s 1	2s 0	11s50	0s45	10s15	1n59	25n22	16n48	19n28	19n41	16s44			n.a.
F 2	14 31	24 1	4 54	11 7	0 38	1 18	0 9	11 1	0 14	17 15	0 59	10 59	2 0	11 49	0 45	10 15	1 59	25 21	16 48	19 28	19 40	16 41			n.a.
S 3	14 49	20 55	5 11	12 1	0 27	1 16	0s 2	11 17	0 13	17 13	0 59	10 57	2 1	11 49	0 45	10 14	1 59	25 21	16 47	19 28	19 39	16 39			n.a.
S 4	15 8	16 58	5 15	12 55	0 17	1 15	0 11	11 32	0 12	17 11	0 59	10 56	2 1	11 48	0 45	10 13	1 59	25 21	16 47	19 27	19 38	16 36			n.a.
M 5	15 26	12 23	5 5	13 48	0 6	1 16	0 21	11 48	0 12	17 10	1 0	10 54	2 1	11 48	0 45	10 13	1 59	25 21	16 46	19 27	19 38	16 34			n.a.
T 6	15 44	7 18	4 42	14 41	0n 5	1 17	0 30	12 3	0 11	17 8	1 0	10 53	2 1	11 47	0 45	10 12	1 59	25 20	16 46	19 27	19 37	16 31			n.a.
W 7	16 1	1 53	4 6	15 33	0 15	1 19	0 39	12 18	0 10	17 7	1 0	10 51	2 2	11 47	0 46	10 12	1 59	25 20	16 46	19 26	19 36	16 29			n.a.
T 8	16 18	3n42	3 18	16 24	0 26	1 23	0 47	12 33	0 10	17 5	1 0	10 50	2 2	11 46	0 46	10 11	1 59	25 20	16 45	19 26	19 35	16 26			n.a.
F 9	16 35	9 15	2 20	17 13	0 36	1 27	0 55	12 48	0 9	17 4	1 1	10 49	2 2	11 46	0 46	10 11	1 59	25 20	16 45	19 26	19 35	16 24			n.a.
S 10	16 52	14 32	1 14	18 0	0 45	1 32	1 3	13 3	0 9	17 2	1 1	10 47	2 2	11 45	0 46	10 10	1 59	25 19	16 44	19 25	19 34	16 22			n.a.
S 11	17 9	19 16	0 3	18 46	0 55	1 37	1 11	13 18	0 8	17 1	1 1	10 46	2 3	11 45	0 46	10 10	1 59	25 19	16 44	19 25	19 33	16 19			n.a.
M12	17 25	23 8	1n10	19 30	1 4	1 44	1 18	13 33	0 7	16 59	1 2	10 45	2 3	11 44	0 46	10 9	1 58	25 18	16 43	19 25	19 32	16 17			n.a.
T 13	17 41	25 48	2 21	20 12	1 12	1 51	1 25	13 47	0 7	16 58	1 2	10 43	2 3	11 44	0 46	10 9	1 58	25 18	16 43	19 25	19 32	16 14			n.a.
W14	17 57	26 58	3 24	20 51	1 20	1 59	1 32	14 2	0 6	16 57	1 2	10 42	2 3	11 43	0 46	10 8	1 58	25 18	16 42	19 26	19 31	16 12			n.a.
T 15	18 12	26 27	4 16	21 28	1 28	2 8	1 38	14 16	0 5	16 56	1 2	10 41	2 4	11 43	0 46	10 8	1 58	25 17	16 42	19 26	19 30	16 9			n.a.
F 16	18 27	24 15	4 54	22 2	1 34	2 17	1 44	14 30	0 5	16 55	1 3	10 40	2 4	11 43	0 46	10 7	1 58	25 17	16 41	19 26	19 29	16 7			n.a.
S 17	18 42	20 34	5 14	22 33	1 40	2 27	1 50	14 44	0 4	16 53	1 3	10 38	2 4	11 42	0 46	10 7	1 58	25 16	16 41	19 26	19 29	16 4			n.a.
S 18	18 56	15 41	5 15	23 2	1 46	2 38	1 56	14 58	0 4	16 52	1 3	10 37	2 4	11 42	0 46	10 6	1 58	25 16	16 40	19 26	19 28	16 2			n.a.
M19	19 11	9 56	4 56	23 29	1 50	2 49	2 1	15 12	0 3	16 51	1 4	10 36	2 5	11 42	0 46	10 6	1 58	25 16	16 40	19 26	19 27	15 59			n.a.
T 20	19 24	3 40	4 20	23 52	1 54	3 1	2 6	15 25	0 2	16 51	1 4	10 35	2 5	11 41	0 46	10 5	1 58	25 15	16 39	19 26	19 26	15 56			n.a.
W21	19 38	2s46	3 28	24 13	1 57	3 14	2 11	15 39	0 2	16 50	1 4	10 34	2 5	11 41	0 46	10 5	1 58	25 15	16 39	19 26	19 26	15 54			n.a.
T 22	19 51	9 1	2 23	24 32	2 0	3 27	2 16	15 52	0 1	16 49	1 5	10 33	2 5	11 41	0 46	10 4	1 58	25 14	16 38	19 26	19 25	15 51			n.a.
F 23	20 4	14 45	1 11	24 48	2 2	3 40	2 20	16 5	0 0	16 48	1 5	10 32	2 6	11 40	0 46	10 4	1 58	25 14	16 38	19 26	19 24	15 49			n.a.
S 24	20 17	19 40	0s 4	25 1	2 3	3 54	2 24	16 18	0n 0	16 47	1 5	10 31	2 6	11 40	0 46	10 3	1 58	25 13	16 37	19 26	19 23	15 46			n.a.
S 25	20 29	23 28	1 17	25 12	2 3	4 9	2 28	16 31	0 1	16 47	1 5	10 31	2 6	11 40	0 46	10 3	1 58	25 12	16 37	19 26	19 23	15 44			n.a.
M26	20 41	25 56	2 25	25 21	2 3	4 24	2 32	16 44	0 1	16 46	1 6	10 30	2 6	11 40	0 46	10 2	1 58	25 12	16 36	19 26	19 22	15 41			n.a.
T 27	20 52	26 57	3 24	25 27	2 2	4 39	2 35	16 56	0 2	16 46	1 6	10 29	2 7	11 39	0 46	10 2	1 58	25 11	16 36	19 26	19 21	15 39			n.a.
W28	21 3	26 34	4 11	25 32	2 0	4 55	2 39	17 9	0 3	16 45	1 6	10 28	2 7	11 39	0 46	10 2	1 58	25 11	16 35	19 25	19 20	15 36			n.a.
T 29	21 14	24 52	4 46	25 34	1 58	5 11	2 42	17 21	0 3	16 45	1 7	10 27	2 7	11 39	0 46	10 1	1 58	25 10	16 35	19 25	19 19	15 34			n.a.
F 30	21 25	22 4	5 8	25 34	1 55	5 27	2 45	17 33	0 4	16 44	1 7	10 27	2 7	11 39	0 46	10 1	1 58	25 10	16 34	19 25	19 19	15 31			n.a.
S 31	21n35	18s22	5s16	25n32	1n51	5n44	2s47	17n45	0n 5	16s44	1s 7	10s26	2s 8	11s39	0s46	10s 0	1n58	25n 9	16n34	19n25	19n18	15s28			n.a.

Julian Day Number = 1718621.5, Delta T = 02h57m06s
Ecliptic obliquity = 23°41'50, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°10'03, Lahiri = - 4°03'03 Julian Calendar 1 May 8 BCE == Greg. Calendar 29 Apr. 008 BCE

The year -07 astronomical counting style corresponds to year 008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 8 BCE
geocentric

JUNE 8 BCE (-7) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 28 34	7♊11'21	6♓37	29♊43	21♈57	19♉46	17♒48	8♓33	1♓52	0°R42	4♍49	25°D47	25♉16	2♓32	n.a.	S 1
M 2	16 32 31	8° 8'28	18°32	1♋13	22°49	20°27	17°50	8°35	1°53	0♏40	4°50	25♉47	25°13	2°39	n.a.	M 2
T 3	16 36 27	9° 5'35	0♈32	2°41	23°42	21° 7	17°51	8°37	1°53	0°39	4°50	25°48	25°10	2°46	n.a.	T 3
W 4	16 40 24	10° 2'42	12°41	4° 6	24°35	21°48	17°52	8°39	1°53	0°38	4°51	25°49	25° 7	2°53	n.a.	W 4
T 5	16 44 20	10°59'50	25° 5	5°29	25°29	22°29	17°53	8°41	1°53	0°37	4°51	25°50	25° 3	2°59	n.a.	T 5
F 6	16 48 17	11°56'57	7♉46	6°50	26°23	23°10	17°54	8°43	1°53	0°36	4°52	25°51	25° 0	3° 6	n.a.	F 6
S 7	16 52 13	12°54'06	20°46	8° 8	27°18	23°50	17°54	8°45	1°54	0°35	4°52	25°R52	24°57	3°13	n.a.	S 7
S 8	16 56 10	13°51'14	4♊ 6	9°24	28°14	24°31	17°55	8°46	1°54	0°34	4°53	25°52	24°54	3°19	n.a.	S 8
M 9	17 0 7	14°48'23	17°45	10°37	29°10	25°11	17°R55	8°48	1°R54	0°33	4°54	25°51	24°51	3°26	n.a.	M 9
T 10	17 4 3	15°45'32	1♋42	11°48	0♉ 6	25°52	17°55	8°49	1°54	0°32	4°55	25°49	24°47	3°33	n.a.	T 10
W11	17 8 0	16°42'42	15°53	12°56	1° 3	26°32	17°55	8°50	1°54	0°31	4°55	25°47	24°44	3°40	n.a.	W11
T 12	17 11 56	17°39'51	0♌12	14° 1	2° 0	27°12	17°54	8°51	1°53	0°30	4°56	25°44	24°41	3°46	n.a.	T 12
F 13	17 15 53	18°37'00	14°36	15° 3	2°58	27°53	17°54	8°52	1°53	0°29	4°57	25°41	24°38	3°53	n.a.	F 13
S 14	17 19 49	19°34'10	28°59	16° 2	3°56	28°33	17°53	8°53	1°53	0°28	4°58	25°39	24°35	4° 0	n.a.	S 14
S 15	17 23 46	20°31'20	13♍18	16°58	4°54	29°13	17°52	8°54	1°53	0°27	4°59	25°38	24°32	4° 7	n.a.	S 15
M16	17 27 42	21°28'29	27°29	17°51	5°53	29°53	17°51	8°55	1°53	0°26	5° 0	25°D38	24°28	4°13	n.a.	M16
T 17	17 31 39	22°25'39	11♎30	18°40	6°52	0♊33	17°49	8°56	1°52	0°25	5° 1	25°39	24°25	4°20	n.a.	T 17
W18	17 35 36	23°22'49	25°21	19°27	7°52	1°13	17°48	8°56	1°52	0°24	5° 2	25°40	24°22	4°27	n.a.	W18
T 19	17 39 32	24°19'59	9♏ 0	20° 9	8°52	1°53	17°46	8°57	1°51	0°23	5° 3	25°41	24°19	4°33	n.a.	T 19
F 20	17 43 29	25°17'10	22°27	20°48	9°52	2°33	17°44	8°57	1°51	0°23	5° 4	25°R42	24°16	4°40	n.a.	F 20
S 21	17 47 25	26°14'21	5♐42	21°23	10°52	3°13	17°42	8°57	1°50	0°22	5° 5	25°42	24°13	4°47	n.a.	S 21
S 22	17 51 22	27°11'33	18°44	21°54	11°53	3°53	17°39	8°58	1°50	0°21	5° 6	25°40	24° 9	4°54	n.a.	S 22
M23	17 55 18	28° 8'45	1♑34	22°20	12°54	4°33	17°37	8°R58	1°49	0°21	5° 7	25°37	24° 6	5° 0	n.a.	M23
T 24	17 59 15	29° 5'58	14°10	22°43	13°56	5°13	17°34	8°58	1°48	0°20	5° 8	25°32	24° 3	5° 7	n.a.	T 24
W25	18 3 11	0♒ 3'12	26°34	23° 0	14°58	5°53	17°31	8°57	1°48	0°19	5° 9	25°26	24° 0	5°14	n.a.	W25
T 26	18 7 8	1° 0'27	8♒46	23°13	16° 0	6°32	17°28	8°57	1°47	0°19	5°10	25°20	23°57	5°21	n.a.	T 26
F 27	18 11 5	1°57'42	20°49	23°22	17° 2	7°12	17°25	8°57	1°46	0°18	5°12	25°14	23°53	5°27	n.a.	F 27
S 28	18 15 1	2°54'59	2♓45	23°R25	18° 5	7°51	17°21	8°56	1°45	0°17	5°13	25° 9	23°50	5°34	n.a.	S 28
S 29	18 18 58	3°52'16	14°37	23°23	19° 7	8°31	17°18	8°56	1°44	0°17	5°14	25° 6	23°47	5°41	n.a.	S 29
M30	18 22 54	4♒49'35	26♓30	23♒16	20♉11	9♊11	17♒14	8♓55	1♓43	0♏16	5♍16	25♉ 4	23♉44	5♓47	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n45	13s58	5s11	25n29	1n47	6n 1	2s50	17n57	0n 5	16s44	1s 8	10s26	2s 8	11s39	0s46	10s 0	1n58	25n 8	16n33	19n25	19n17	15s26		n.a.
M 2	21 54	9 3	4 52	25 24	1 42	6 18	2 52	18 9	0 6	16 44	1 8	10 25	2 8	11 39	0 47	10 0	1 58	25 8	16 33	19 25	19 16	15 23		n.a.
T 3	22 3	3 45	4 20	25 17	1 37	6 36	2 54	18 20	0 6	16 44	1 8	10 24	2 9	11 39	0 47	9 59	1 58	25 7	16 32	19 25	19 16	15 21		n.a.
W 4	22 12	1n45	3 36	25 9	1 31	6 54	2 56	18 32	0 7	16 44	1 9	10 24	2 9	11 38	0 47	9 59	1 58	25 6	16 32	19 25	19 15	15 18		n.a.
T 5	22 20	7 18	2 42	24 59	1 24	7 12	2 58	18 43	0 8	16 44	1 9	10 23	2 9	11 38	0 47	9 59	1 58	25 6	16 31	19 25	19 14	15 15		n.a.
F 6	22 28	12 42	1 38	24 48	1 17	7 31	2 59	18 54	0 8	16 44	1 9	10 23	2 9	11 38	0 47	9 58	1 58	25 5	16 31	19 26	19 13	15 13		n.a.
S 7	22 35	17 41	0 28	24 36	1 10	7 49	3 1	19 5	0 9	16 44	1 9	10 23	2 10	11 38	0 47	9 58	1 58	25 4	16 30	19 26	19 13	15 10		n.a.
S 8	22 43	21 56	0n45	24 23	1 2	8 8	3 2	19 15	0 10	16 44	1 10	10 22	2 10	11 38	0 47	9 57	1 58	25 4	16 30	19 26	19 12	15 8		n.a.
M 9	22 49	25 5	1 58	24 9	0 53	8 27	3 3	19 26	0 10	16 44	1 10	10 22	2 10	11 38	0 47	9 57	1 57	25 3	16 29	19 26	19 11	15 5		n.a.
T 10	22 56	26 46	3 5	23 54	0 44	8 46	3 4	19 36	0 11	16 45	1 10	10 22	2 11	11 39	0 47	9 57	1 57	25 2	16 29	19 25	19 10	15 2		n.a.
W11	23 2	26 44	4 1	23 38	0 34	9 5	3 4	19 46	0 11	16 45	1 11	10 22	2 11	11 39	0 47	9 57	1 57	25 1	16 28	19 25	19 9	15 0		n.a.
T 12	23 7	24 56	4 43	23 21	0 24	9 24	3 5	19 57	0 12	16 45	1 11	10 21	2 11	11 39	0 47	9 56	1 57	25 1	16 28	19 24	19 9	14 57		n.a.
F 13	23 12	21 32	5 8	23 4	0 13	9 44	3 5	20 6	0 13	16 46	1 11	10 21	2 11	11 39	0 47	9 56	1 57	25 0	16 27	19 23	19 8	14 54		n.a.
S 14	23 17	16 50	5 13	22 46	0 2	10 3	3 5	20 16	0 13	16 46	1 12	10 21	2 12	11 39	0 47	9 56	1 57	24 59	16 27	19 23	19 7	14 52		n.a.
S 15	23 21	11 14	4 59	22 27	0s 9	10 23	3 6	20 26	0 14	16 47	1 12	10 21	2 12	11 39	0 47	9 55	1 57	24 58	16 26	19 22	19 6	14 49		n.a.
M16	23 25	5 5	4 27	22 9	0 21	10 43	3 6	20 35	0 15	16 48	1 12	10 21	2 12	11 39	0 47	9 55	1 57	24 58	16 26	19 22	19 6	14 47		n.a.
T 17	23 29	1s15	3 39	21 50	0 33	11 2	3 5	20 44	0 15	16 48	1 13	10 21	2 12	11 39	0 47	9 55	1 57	24 57	16 25	19 23	19 5	14 44		n.a.
W18	23 32	7 27	2 39	21 31	0 46	11 22	3 5	20 53	0 16	16 49	1 13	10 21	2 13	11 39	0 47	9 55	1 57	24 56	16 25	19 23	19 4	14 41		n.a.
T 19	23 34	13 14	1 30	21 12	0 58	11 41	3 5	21 2	0 17	16 50	1 13	10 21	2 13	11 40	0 47	9 54	1 57	24 55	16 25	19 23	19 3	14 39		n.a.
F 20	23 37	18 18	0 18	20 53	1 11	12 1	3 4	21 11	0 17	16 51	1 14	10 21	2 13	11 40	0 47	9 54	1 57	24 54	16 24	19 23	19 2	14 36		n.a.
S 21	23 39	22 23	0s54	20 35	1 25	12 21	3 3	21 19	0 18	16 52	1 14	10 21	2 14	11 40	0 47	9 54	1 57	24 54	16 24	19 23	19 2	14 33		n.a.
S 22	23 40	25 15	2 2	20 17	1 38	12 40	3 3	21 27	0 18	16 53	1 14	10 22	2 14	11 40	0 47	9 54	1 57	24 53	16 23	19 23	19 1	14 31		n.a.
M23	23 41	26 44	3 3	19 59	1 52	13 0	3 2	21 35	0 19	16 54	1 14	10 22	2 14	11 41	0 47	9 54	1 57	24 52	16 23	19 22	19 0	14 28		n.a.
T 24	23 42	26 48	3 54	19 41	2 6	13 19	3 1	21 43	0 20	16 55	1 15	10 22	2 14	11 41	0 47	9 53	1 57	24 51	16 22	19 21	18 59	14 25		n.a.
W25	23 42	25 31	4 32	19 25	2 20	13 38	2 59	21 51	0 20	16 56	1 15	10 22	2 15	11 41	0 47	9 53	1 57	24 50	16 22	19 20	18 58	14 23		n.a.
T 26	23 42	23 2	4 57	19 9	2 34	13 58	2 58	21 59	0 21	16 58	1 15	10 23	2 15	11 42	0 47	9 53	1 57	24 49	16 21	19 18	18 58	14 20		n.a.
F 27	23 41	19 35	5 9	18 54	2 47	14 17	2 57	22 6	0 22	16 59	1 16	10 23	2 15	11 42	0 47	9 53	1 56	24 48	16 21	19 17	18 57	14 17		n.a.
S 28	23 40	15 22	5 7	18 40	3 1	14 36	2 55	22 13	0 22	17 0	1 16	10 24	2 16	11 42	0 48	9 53	1 56	24 47	16 21	19 16	18 56	14 15		n.a.
S 29	23 38	10 36	4 52	18 27	3 14	14 54	2 54	22 20	0 23	17 2	1 16	10 24	2 16	11 43	0 48	9 53	1 56	24 47	16 20	19 15	18 55	14 12		n.a.
M30	23n36	5s27	4s25	18n16	3s27	15n13	2s52	22n27	0n23	17s 3	1s17	10s25	2s16	11s43	0s48	9s53	1n56	24n46	16n20	19n14	18n54	14s 9		n.a.

Julian Day Number = 1718652.5, Delta T = 02h57m05s
Ecliptic obliquity = 23°41'50, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°09'59, Lahiri = - 4°02'59 Julian Calendar 1 June 8 BCE == Greg. Calendar 30 May 008 BCE

The year -07 astronomical counting style corresponds to year 008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 8 BCE
geocentric

JULY 8 BCE (-7) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 26 51	5♋46'54	8♈29	23°R 4	21♉14	9♊50	17°R10	8°R54	1°R42	0°R16	5♍17	25°D 4	23♉41	5♓54	n.a.	T 1
W 2	18 30 47	6°44'15	20°37	22♋47	22°18	10°29	17♒ 6	8♓53	1♓41	0♏16	5°18	25♉ 4	23°38	6° 1	n.a.	W 2
T 3	18 34 44	7°41'38	3♉ 1	22°26	23°21	11° 9	17° 1	8°53	1°40	0°15	5°20	25° 6	23°34	6° 8	n.a.	T 3
F 4	18 38 40	8°39'01	15°43	21°59	24°26	11°48	16°57	8°51	1°39	0°15	5°21	25° 7	23°31	6°14	n.a.	F 4
S 5	18 42 37	9°36'26	28°49	21°28	25°30	12°27	16°52	8°50	1°38	0°15	5°23	25°R 7	23°28	6°21	n.a.	S 5
S 6	18 46 34	10°33'52	12♊20	20°52	26°34	13° 7	16°47	8°49	1°37	0°14	5°24	25° 6	23°25	6°28	n.a.	S 6
M 7	18 50 30	11°31'20	26°16	20°13	27°39	13°46	16°42	8°48	1°35	0°14	5°26	25° 3	23°22	6°34	n.a.	M 7
T 8	18 54 27	12°28'48	10♋35	19°31	28°44	14°25	16°37	8°46	1°34	0°14	5°27	24°57	23°19	6°41	n.a.	T 8
W 9	18 58 23	13°26'18	25°11	18°46	29°49	15° 4	16°32	8°45	1°33	0°14	5°29	24°51	23°15	6°48	n.a.	W 9
T 10	19 2 20	14°23'49	9♌57	17°59	0♊55	15°43	16°26	8°43	1°31	0°13	5°30	24°43	23°12	6°55	n.a.	T 10
F 11	19 6 16	15°21'21	24°46	17°11	2° 0	16°22	16°20	8°41	1°30	0°13	5°32	24°36	23° 9	7° 1	n.a.	F 11
S 12	19 10 13	16°18'54	9♍30	16°23	3° 6	17° 1	16°15	8°39	1°28	0°13	5°34	24°30	23° 6	7° 8	n.a.	S 12
S 13	19 14 10	17°16'27	24° 2	15°36	4°12	17°40	16° 9	8°37	1°27	0°13	5°35	24°26	23° 3	7°15	n.a.	S 13
M14	19 18 6	18°14'02	8♎17	14°50	5°18	18°19	16° 3	8°35	1°25	0°13	5°37	24°23	22°59	7°21	n.a.	M14
T 15	19 22 3	19°11'38	22°15	14° 7	6°25	18°58	15°57	8°33	1°24	0°D13	5°39	24°D23	22°56	7°28	n.a.	T 15
W16	19 25 59	20° 9'15	5♏54	13°28	7°31	19°37	15°50	8°31	1°22	0°13	5°40	24°24	22°53	7°35	n.a.	W16
T 17	19 29 56	21° 6'53	19°17	12°52	8°38	20°15	15°44	8°29	1°21	0°13	5°42	24°R24	22°50	7°42	n.a.	T 17
F 18	19 33 52	22° 4'32	2♐24	12°22	9°44	20°54	15°37	8°26	1°19	0°13	5°44	24°24	22°47	7°48	n.a.	F 18
S 19	19 37 49	23° 2'12	15°18	11°57	10°51	21°33	15°30	8°24	1°17	0°13	5°46	24°22	22°44	7°55	n.a.	S 19
S 20	19 41 45	23°59'54	28° 1	11°39	11°59	22°11	15°24	8°21	1°15	0°13	5°48	24°18	22°40	8° 2	n.a.	S 20
M21	19 45 42	24°57'37	10♑32	11°28	13° 6	22°50	15°17	8°18	1°14	0°14	5°49	24°11	22°37	8° 9	n.a.	M21
T 22	19 49 39	25°55'21	22°54	11°D23	14°13	23°29	15°10	8°16	1°12	0°14	5°51	24° 1	22°34	8°15	n.a.	T 22
W23	19 53 35	26°53'07	5♒ 8	11°26	15°21	24° 7	15° 3	8°13	1°10	0°14	5°53	23°50	22°31	8°22	n.a.	W23
T 24	19 57 32	27°50'55	17°13	11°37	16°29	24°45	14°55	8°10	1° 8	0°14	5°55	23°39	22°28	8°29	n.a.	T 24
F 25	20 1 28	28°48'44	29°11	11°55	17°37	25°24	14°48	8° 7	1° 6	0°15	5°57	23°27	22°25	8°35	n.a.	F 25
S 26	20 5 25	29°46'34	11♓ 4	12°21	18°45	26° 2	14°41	8° 4	1° 4	0°15	5°59	23°17	22°21	8°42	n.a.	S 26
S 27	20 9 21	0♌44'27	22°55	12°55	19°53	26°41	14°33	8° 1	1° 2	0°15	6° 1	23° 9	22°18	8°49	n.a.	S 27
M28	20 13 18	1°42'21	4♈47	13°37	21° 2	27°19	14°26	7°57	1° 0	0°16	6° 3	23° 3	22°15	8°56	n.a.	M28
T 29	20 17 14	2°40'17	16°43	14°25	22°10	27°57	14°18	7°54	0°58	0°16	6° 5	23° 0	22°12	9° 2	n.a.	T 29
W30	20 21 11	3°38'15	28°49	15°22	23°19	28°35	14°11	7°51	0°56	0°17	6° 7	22°D58	22° 9	9° 9	n.a.	W30
T 31	20 25 8	4♌36'16	11♉ 9	16♋25	24♊28	29♊13	14♒ 3	7♓47	0♓54	0♏17	6♍ 9	22♉58	22♉ 5	9♓16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n34	0s 3	3s46	18n 6	3s39	15n32	2s50	22n34	0n24	17s 5	1s17	10s25	2s16	11s43	0s48	9s53	1n56	24n45	16n19	19n14	18n54	14s 6			n.a.
W 2	23 31	5n25	2 56	17 57	3 51	15 50	2 48	22 40	0 25	17 6	1 17	10 26	2 17	11 44	0 48	9 52	1 56	24 44	16 19	19 14	18 53	14 4			n.a.
T 3	23 28	10 49	1 57	17 50	4 2	16 8	2 46	22 46	0 25	17 8	1 17	10 26	2 17	11 44	0 48	9 52	1 56	24 43	16 18	19 15	18 52	14 1			n.a.
F 4	23 25	15 55	0 51	17 44	4 12	16 26	2 44	22 52	0 26	17 9	1 18	10 27	2 17	11 45	0 48	9 52	1 56	24 42	16 18	19 15	18 51	13 58			n.a.
S 5	23 21	20 26	0n20	17 40	4 21	16 43	2 42	22 58	0 27	17 11	1 18	10 28	2 17	11 45	0 48	9 52	1 56	24 41	16 18	19 15	18 50	13 56			n.a.
S 6	23 16	24 2	1 32	17 38	4 29	17 0	2 40	23 4	0 27	17 13	1 18	10 28	2 18	11 46	0 48	9 52	1 56	24 40	16 17	19 15	18 50	13 53			n.a.
M 7	23 11	26 18	2 40	17 38	4 35	17 18	2 38	23 10	0 28	17 15	1 19	10 29	2 18	11 46	0 48	9 52	1 56	24 39	16 17	19 14	18 49	13 50			n.a.
T 8	23 6	26 55	3 40	17 39	4 40	17 34	2 35	23 15	0 29	17 17	1 19	10 30	2 18	11 47	0 48	9 52	1 56	24 38	16 16	19 13	18 48	13 47			n.a.
W 9	23 1	25 42	4 27	17 42	4 43	17 51	2 33	23 20	0 29	17 18	1 19	10 31	2 19	11 47	0 48	9 52	1 56	24 37	16 16	19 11	18 47	13 45			n.a.
T 10	22 55	22 42	4 56	17 47	4 44	18 7	2 30	23 25	0 30	17 20	1 19	10 32	2 19	11 48	0 48	9 52	1 56	24 36	16 16	19 9	18 46	13 42			n.a.
F 11	22 48	18 12	5 6	17 53	4 44	18 23	2 27	23 30	0 30	17 22	1 20	10 33	2 19	11 48	0 48	9 52	1 56	24 35	16 15	19 7	18 46	13 39			n.a.
S 12	22 41	12 39	4 56	18 1	4 42	18 38	2 25	23 34	0 31	17 24	1 20	10 34	2 19	11 49	0 48	9 52	1 56	24 34	16 15	19 6	18 45	13 36			n.a.
S 13	22 34	6 28	4 27	18 11	4 38	18 53	2 22	23 39	0 32	17 26	1 20	10 35	2 20	11 49	0 48	9 52	1 55	24 34	16 15	19 5	18 44	13 34			n.a.
M14	22 26	0 4	3 41	18 22	4 32	19 8	2 19	23 43	0 32	17 28	1 20	10 36	2 20	11 50	0 48	9 52	1 55	24 33	16 14	19 4	18 43	13 31			n.a.
T 15	22 18	6s14	2 43	18 34	4 24	19 22	2 16	23 47	0 33	17 31	1 21	10 37	2 20	11 50	0 48	9 52	1 55	24 32	16 14	19 4	18 42	13 28			n.a.
W16	22 10	12 6	1 37	18 47	4 15	19 36	2 13	23 51	0 34	17 33	1 21	10 38	2 20	11 51	0 48	9 52	1 55	24 31	16 14	19 4	18 42	13 25			n.a.
T 17	22 1	17 18	0 27	19 1	4 4	19 50	2 10	23 54	0 34	17 35	1 21	10 39	2 21	11 52	0 48	9 52	1 55	24 30	16 13	19 5	18 41	13 23			n.a.
F 18	21 52	21 34	0s43	19 16	3 52	20 3	2 7	23 58	0 35	17 37	1 21	10 40	2 21	11 52	0 48	9 53	1 55	24 29	16 13	19 5	18 40	13 20			n.a.
S 19	21 42	24 41	1 49	19 32	3 38	20 16	2 4	24 1	0 35	17 39	1 21	10 41	2 21	11 53	0 48	9 53	1 55	24 28	16 13	19 4	18 39	13 17			n.a.
S 20	21 32	26 30	2 49	19 48	3 24	20 28	2 1	24 4	0 36	17 42	1 22	10 42	2 21	11 54	0 48	9 53	1 55	24 27	16 12	19 3	18 38	13 14			n.a.
M21	21 22	26 56	3 40	20 4	3 9	20 40	1 58	24 7	0 37	17 44	1 22	10 44	2 22	11 54	0 48	9 53	1 55	24 26	16 12	19 1	18 37	13 12			n.a.
T 22	21 11	25 59	4 20	20 20	2 53	20 51	1 55	24 9	0 37	17 46	1 22	10 45	2 22	11 55	0 48	9 53	1 55	24 25	16 12	18 59	18 37	13 9			n.a.
W23	21 0	23 49	4 47	20 37	2 36	21 2	1 52	24 12	0 38	17 48	1 22	10 46	2 22	11 56	0 48	9 53	1 55	24 24	16 11	18 56	18 36	13 6			n.a.
T 24	20 49	20 36	5 0	20 53	2 19	21 12	1 48	24 14	0 39	17 51	1 23	10 47	2 22	11 56	0 48	9 53	1 55	24 23	16 11	18 53	18 35	13 3			n.a.
F 25	20 37	16 34	5 1	21 8	2 2	21 22	1 45	24 16	0 39	17 53	1 23	10 49	2 22	11 57	0 48	9 53	1 55	24 22	16 11	18 50	18 34	13 0			n.a.
S 26	20 25	11 55	4 48	21 23	1 44	21 32	1 42	24 18	0 40	17 55	1 23	10 50	2 23	11 58	0 48	9 54	1 55	24 21	16 11	18 48	18 33	12 58			n.a.
S 27	20 12	6 51	4 23	21 37	1 27	21 41	1 38	24 20	0 41	17 58	1 23	10 52	2 23	11 58	0 48	9 54	1 55	24 20	16 10	18 46	18 33	12 55			n.a.
M28	20 0	1 32	3 47	21 49	1 10	21 49	1 35	24 21	0 41	18 0	1 23	10 53	2 23	11 59	0 48	9 54	1 54	24 19	16 10	18 44	18 32	12 52			n.a.
T 29	19 46	3n52	3 0	22 1	0 54	21 57	1 31	24 23	0 42	18 3	1 23	10 54	2 23	12 0	0 48	9 54	1 54	24 18	16 10	18 43	18 31	12 49			n.a.
W30	19 33	9 14	2 5	22 11	0 38	22 4	1 28	24 24	0 42	18 5	1 24	10 56	2 24	12 1	0 48	9 55	1 54	24 17	16 10	18 43	18 30	12 46			n.a.
T 31	19n19	14n21	1s 2	22n18	0s22	22n11	1s24	24n25	0n43	18s 7	1s24	10s57	2s24	12s 1	0s48	9s55	1n54	24n16	16n 9	18n43	18n29	12s44			n.a.

Julian Day Number = 1718682.5, Delta T = 02h57m04s
Ecliptic obliquity = 23°41'50, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°09'55, Lahiri = - 4°02'54 Julian Calendar 1 July 8 BCE == Greg. Calendar 29 June 008 BCE

The year -07 astronomical counting style corresponds to year 008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 8 BCE
geocentric

AUGUST 8 BCE (-7) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 29 4	5♌34'18	23♉49	17♋34	25♊37	29♊51	13°R55	7°R44	0°R52	0♏18	6♍11	22°R59	22♉ 2	9♓22	n.a.	F 1
S 2	20 33 1	6°32'22	6♊53	18°50	26°46	0♋29	13♒47	7♓40	0♓50	0°18	6°13	22♉58	21°59	9°29	n.a.	S 2
S 3	20 36 57	7°30'28	20°24	20°11	27°55	1° 8	13°39	7°36	0°48	0°19	6°15	22°55	21°56	9°36	n.a.	S 3
M 4	20 40 54	8°28'37	4♋25	21°38	29° 4	1°45	13°32	7°33	0°46	0°20	6°17	22°50	21°53	9°43	n.a.	M 4
T 5	20 44 50	9°26'47	18°54	23°10	0♋14	2°23	13°24	7°29	0°44	0°20	6°19	22°43	21°50	9°49	n.a.	T 5
W 6	20 48 47	10°24'59	3♌45	24°46	1°23	3° 1	13°16	7°25	0°41	0°21	6°21	22°33	21°46	9°56	n.a.	W 6
T 7	20 52 43	11°23'13	18°51	26°26	2°33	3°39	13° 8	7°21	0°39	0°22	6°23	22°22	21°43	10° 3	n.a.	T 7
F 8	20 56 40	12°21'29	4♍ 2	28° 9	3°43	4°17	13° 0	7°17	0°37	0°22	6°25	22°11	21°40	10° 9	n.a.	F 8
S 9	21 0 37	13°19'47	19° 7	29°55	4°53	4°55	12°52	7°13	0°35	0°23	6°28	22° 2	21°37	10°16	n.a.	S 9
S 10	21 4 33	14°18'06	3♎57	1♌43	6° 3	5°32	12°44	7° 9	0°32	0°24	6°30	21°55	21°34	10°23	n.a.	S 10
M11	21 8 30	15°16'27	18°25	3°33	7°13	6°10	12°36	7° 5	0°30	0°25	6°32	21°51	21°30	10°30	n.a.	M11
T 12	21 12 26	16°14'49	2♏29	5°25	8°24	6°48	12°28	7° 0	0°28	0°26	6°34	21°49	21°27	10°36	n.a.	T 12
W13	21 16 23	17°13'13	16° 8	7°17	9°34	7°25	12°20	6°56	0°25	0°27	6°36	21°49	21°24	10°43	n.a.	W13
T 14	21 20 19	18°11'39	29°25	9°11	10°45	8° 3	12°12	6°52	0°23	0°28	6°38	21°49	21°21	10°50	n.a.	T 14
F 15	21 24 16	19°10'07	12♐22	11° 5	11°55	8°40	12° 4	6°48	0°21	0°29	6°41	21°48	21°18	10°56	n.a.	F 15
S 16	21 28 12	20° 8'36	25° 3	12°59	13° 6	9°17	11°57	6°43	0°18	0°30	6°43	21°45	21°15	11° 3	n.a.	S 16
S 17	21 32 9	21° 7'07	7♑31	14°53	14°17	9°55	11°49	6°39	0°16	0°31	6°45	21°39	21°11	11°10	n.a.	S 17
M18	21 36 6	22° 5'40	19°49	16°47	15°28	10°32	11°41	6°34	0°14	0°32	6°47	21°30	21° 8	11°17	n.a.	M18
T 19	21 40 2	23° 4'15	1♒59	18°40	16°39	11° 9	11°34	6°30	0°11	0°33	6°50	21°19	21° 5	11°23	n.a.	T 19
W20	21 43 59	24° 2'52	14° 2	20°33	17°50	11°47	11°26	6°25	0° 9	0°34	6°52	21° 5	21° 2	11°30	n.a.	W20
T 21	21 47 55	25° 1'30	26° 0	22°25	19° 1	12°24	11°18	6°21	0° 7	0°35	6°54	20°51	20°59	11°37	n.a.	T 21
F 22	21 51 52	26° 0'11	7♓54	24°17	20°13	13° 1	11°11	6°16	0° 4	0°36	6°56	20°37	20°56	11°43	n.a.	F 22
S 23	21 55 48	26°58'54	19°46	26° 7	21°24	13°38	11° 4	6°12	0° 2	0°37	6°59	20°25	20°52	11°50	n.a.	S 23
S 24	21 59 45	27°57'39	1♈36	27°57	22°36	14°15	10°56	6° 7	29♒59	0°39	7° 1	20°14	20°49	11°57	n.a.	S 24
M25	22 3 41	28°56'26	13°28	29°46	23°47	14°52	10°49	6° 2	29°57	0°40	7° 3	20° 7	20°46	12° 4	n.a.	M25
T 26	22 7 38	29°55'15	25°25	1♍35	24°59	15°29	10°42	5°58	29°54	0°41	7° 6	20° 2	20°43	12°10	n.a.	T 26
W27	22 11 34	0♍54'07	7♉31	3°22	26°11	16° 6	10°35	5°53	29°52	0°43	7° 8	20° 0	20°40	12°17	n.a.	W27
T 28	22 15 31	1°53'01	19°49	5° 8	27°23	16°43	10°28	5°48	29°50	0°44	7°10	19°D59	20°36	12°24	n.a.	T 28
F 29	22 19 28	2°51'57	2♊25	6°53	28°35	17°19	10°21	5°44	29°47	0°45	7°12	19°R59	20°33	12°30	n.a.	F 29
S 30	22 23 24	3°50'56	15°24	8°38	29°47	17°56	10°15	5°39	29°45	0°47	7°15	19°59	20°30	12°37	n.a.	S 30
S 31	22 27 21	4♍49'58	28♊49	10♍21	1♌ 0	18♋33	10♒ 8	5♓34	29♒42	0♏48	7♍17	19♉57	20♉27	12♓44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n 5	19n 0	0n 4	22n24	0s 8	22n17	1s21	24n26	0n44	18s10	1s24	10s59	2s24	12s 2	0s48	9s55	1n54	24n15	16n 9	18n43	18n28	12s41		n.a.
S 2	18 50	22 53	1 13	22 28	0n 7	22 22	1 17	24 26	0 44	18 12	1 24	11 1	2 24	12 3	0 48	9 55	1 54	24 14	16 9	18 43	18 28	12 38		n.a.
S 3	18 35	25 40	2 20	22 29	0 20	22 27	1 14	24 27	0 45	18 15	1 24	11 2	2 24	12 4	0 49	9 56	1 54	24 13	16 9	18 42	18 27	12 35		n.a.
M 4	18 20	26 58	3 21	22 28	0 32	22 32	1 10	24 27	0 46	18 17	1 24	11 4	2 24	12 5	0 49	9 56	1 54	24 12	16 9	18 41	18 26	12 32		n.a.
T 5	18 5	26 29	4 10	22 24	0 44	22 35	1 7	24 27	0 46	18 20	1 24	11 5	2 25	12 5	0 49	9 56	1 54	24 11	16 8	18 39	18 25	12 29		n.a.
W 6	17 49	24 8	4 45	22 18	0 54	22 38	1 3	24 27	0 47	18 22	1 25	11 7	2 25	12 6	0 49	9 56	1 54	24 10	16 8	18 36	18 24	12 27		n.a.
T 7	17 33	20 4	5 0	22 8	1 4	22 41	0 59	24 26	0 48	18 24	1 25	11 9	2 25	12 7	0 49	9 57	1 54	24 9	16 8	18 34	18 23	12 24		n.a.
F 8	17 17	14 41	4 54	21 56	1 13	22 43	0 56	24 26	0 48	18 27	1 25	11 10	2 25	12 8	0 49	9 57	1 54	24 8	16 8	18 31	18 23	12 21		n.a.
S 9	17 0	8 27	4 28	21 42	1 20	22 44	0 52	24 25	0 49	18 29	1 25	11 12	2 25	12 9	0 49	9 57	1 54	24 7	16 8	18 28	18 22	12 18		n.a.
S 10	16 43	1 50	3 44	21 24	1 27	22 45	0 49	24 24	0 50	18 32	1 25	11 14	2 26	12 9	0 49	9 58	1 54	24 6	16 7	18 27	18 21	12 15		n.a.
M11	16 26	4s44	2 47	21 4	1 33	22 45	0 45	24 23	0 50	18 34	1 25	11 15	2 26	12 10	0 49	9 58	1 54	24 5	16 7	18 25	18 20	12 12		n.a.
T 12	16 8	10 54	1 40	20 42	1 37	22 44	0 41	24 22	0 51	18 36	1 25	11 17	2 26	12 11	0 49	9 58	1 53	24 4	16 7	18 25	18 19	12 9		n.a.
W13	15 50	16 22	0 30	20 17	1 41	22 43	0 38	24 21	0 51	18 39	1 25	11 19	2 26	12 12	0 49	9 59	1 53	24 3	16 7	18 25	18 18	12 7		n.a.
T 14	15 32	20 54	0s40	19 50	1 44	22 41	0 34	24 19	0 52	18 41	1 25	11 21	2 26	12 13	0 49	9 59	1 53	24 2	16 7	18 25	18 18	12 4		n.a.
F 15	15 14	24 17	1 46	19 21	1 47	22 39	0 31	24 17	0 53	18 43	1 25	11 22	2 26	12 14	0 49	10 0	1 53	24 1	16 7	18 25	18 17	12 1		n.a.
S 16	14 56	26 22	2 46	18 49	1 48	22 35	0 27	24 15	0 53	18 45	1 25	11 24	2 26	12 14	0 49	10 0	1 53	24 0	16 7	18 24	18 16	11 58		n.a.
S 17	14 37	27 5	3 36	18 17	1 49	22 32	0 24	24 13	0 54	18 48	1 25	11 26	2 27	12 15	0 49	10 1	1 53	23 59	16 7	18 22	18 15	11 55		n.a.
M18	14 18	26 26	4 16	17 42	1 49	22 27	0 20	24 11	0 55	18 50	1 25	11 28	2 27	12 16	0 49	10 1	1 53	23 58	16 6	18 20	18 14	11 52		n.a.
T 19	13 58	24 31	4 43	17 6	1 48	22 22	0 17	24 9	0 55	18 52	1 25	11 29	2 27	12 17	0 49	10 1	1 53	23 57	16 6	18 17	18 13	11 49		n.a.
W20	13 39	21 32	4 57	16 29	1 47	22 16	0 13	24 6	0 56	18 54	1 25	11 31	2 27	12 18	0 49	10 2	1 53	23 56	16 6	18 13	18 13	11 46		n.a.
T 21	13 19	17 39	4 58	15 51	1 45	22 10	0 10	24 3	0 57	18 56	1 25	11 33	2 27	12 19	0 49	10 2	1 53	23 55	16 6	18 10	18 12	11 44		n.a.
F 22	12 59	13 7	4 46	15 11	1 43	22 3	0 7	24 0	0 57	18 58	1 25	11 35	2 27	12 20	0 49	10 3	1 53	23 54	16 6	18 6	18 11	11 41		n.a.
S 23	12 39	8 6	4 22	14 31	1 40	21 55	0 3	23 57	0 58	19 1	1 25	11 37	2 27	12 20	0 49	10 3	1 53	23 53	16 6	18 3	18 10	11 38		n.a.
S 24	12 19	2 48	3 46	13 50	1 37	21 47	0n 0	23 54	0 59	19 3	1 25	11 39	2 27	12 21	0 49	10 4	1 53	23 52	16 6	18 0	18 9	11 35		n.a.
M25	11 58	2n37	3 0	13 8	1 34	21 38	0 3	23 50	0 59	19 5	1 25	11 40	2 27	12 22	0 49	10 4	1 53	23 51	16 6	17 58	18 8	11 32		n.a.
T 26	11 37	7 59	2 6	12 25	1 30	21 28	0 7	23 47	1 0	19 7	1 25	11 42	2 27	12 23	0 49	10 5	1 53	23 51	16 6	17 56	18 7	11 29		n.a.
W27	11 16	13 8	1 6	11 42	1 25	21 18	0 10	23 43	1 1	19 8	1 25	11 44	2 28	12 24	0 49	10 5	1 53	23 50	16 6	17 56	18 7	11 26		n.a.
T 28	10 55	17 52	0 1	10 59	1 21	21 7	0 13	23 39	1 1	19 10	1 25	11 46	2 28	12 25	0 49	10 6	1 53	23 49	16 6	17 56	18 6	11 23		n.a.
F 29	10 34	21 56	1n 5	10 15	1 16	20 56	0 16	23 35	1 2	19 12	1 25	11 48	2 28	12 26	0 49	10 6	1 52	23 48	16 6	17 56	18 5	11 20		n.a.
S 30	10 12	25 3	2 10	9 30	1 10	20 44	0 19	23 31	1 3	19 14	1 25	11 49	2 28	12 26	0 49	10 7	1 52	23 47	16 6	17 56	18 4	11 17		n.a.
S 31	9n50	26n52	3n10	8n46	1n 5	20n31	0n22	23n26	1n 3	19s16	1s25	11s51	2s28	12s27	0s49	10s 7	1n52	23n46	16n 6	17n55	18n 3	11s14		n.a.

Julian Day Number = 1718713.5, Delta T = 02h57m03s
Ecliptic obliquity = 23°41'50, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°09'51, Lahiri = - 4°02'50 Julian Calendar 1 Aug. 8 BCE == Greg. Calendar 30 July 008 BCE

The year -07 astronomical counting style corresponds to year 008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 8 BCE
geocentric

SEPTEMBER 8 BCE (-7) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 31 17	5♍49'01	12♋44	12♍ 4	2♌12	19♋ 9	10°R 2	5°R29	29°R40	0♏50	7♍19	19°R52	20♉24	12♓51	n.a.	M 1
T 2	22 35 14	6°48'08	27° 8	13°46	3°24	19°46	9♒55	5♓25	29♒38	0°51	7°22	19♉46	20°21	12°57	n.a.	T 2
W 3	22 39 10	7°47'16	11♌59	15°27	4°37	20°23	9°49	5°20	29°35	0°53	7°24	19°36	20°17	13° 4	n.a.	W 3
T 4	22 43 7	8°46'27	27° 9	17° 7	5°49	20°59	9°43	5°15	29°33	0°54	7°26	19°26	20°14	13°11	n.a.	T 4
F 5	22 47 3	9°45'40	12♍29	18°46	7° 2	21°35	9°37	5°11	29°31	0°56	7°29	19°16	20°11	13°17	n.a.	F 5
S 6	22 51 0	10°44'55	27°46	20°24	8°15	22°12	9°32	5° 6	29°28	0°57	7°31	19° 7	20° 8	13°24	n.a.	S 6
S 7	22 54 57	11°44'12	12♎50	22° 2	9°28	22°48	9°26	5° 1	29°26	0°59	7°33	19° 0	20° 5	13°31	n.a.	S 7
M 8	22 58 53	12°43'31	27°32	23°39	10°41	23°24	9°21	4°56	29°23	1° 0	7°35	18°56	20° 2	13°38	n.a.	M 8
T 9	23 2 50	13°42'51	11♏48	25°14	11°54	24° 1	9°15	4°52	29°21	1° 2	7°38	18°54	19°58	13°44	n.a.	T 9
W10	23 6 46	14°42'14	25°36	26°50	13° 7	24°37	9°10	4°47	29°19	1° 4	7°40	18°D54	19°55	13°51	n.a.	W10
T 11	23 10 43	15°41'39	8♐57	28°24	14°20	25°13	9° 5	4°43	29°17	1° 6	7°42	18°55	19°52	13°58	n.a.	T 11
F 12	23 14 39	16°41'06	21°54	29°58	15°33	25°49	9° 0	4°38	29°14	1° 7	7°45	18°R55	19°49	14° 4	n.a.	F 12
S 13	23 18 36	17°40'34	4♑31	1♎31	16°46	26°25	8°56	4°34	29°12	1° 9	7°47	18°53	19°46	14°11	n.a.	S 13
S 14	23 22 32	18°40'04	16°53	3° 3	17°59	27° 1	8°51	4°29	29°10	1°11	7°49	18°49	19°42	14°18	n.a.	S 14
M15	23 26 29	19°39'36	29° 3	4°34	19°13	27°37	8°47	4°25	29° 8	1°13	7°52	18°43	19°39	14°25	n.a.	M15
T 16	23 30 26	20°39'10	11♒ 4	6° 5	20°26	28°12	8°43	4°20	29° 5	1°14	7°54	18°34	19°36	14°31	n.a.	T 16
W17	23 34 22	21°38'46	23° 1	7°35	21°40	28°48	8°39	4°16	29° 3	1°16	7°56	18°24	19°33	14°38	n.a.	W17
T 18	23 38 19	22°38'24	4♓54	9° 5	22°53	29°24	8°35	4°11	29° 1	1°18	7°58	18°13	19°30	14°45	n.a.	T 18
F 19	23 42 15	23°38'04	16°46	10°33	24° 7	29°59	8°32	4° 7	28°59	1°20	8° 1	18° 2	19°27	14°51	n.a.	F 19
S 20	23 46 12	24°37'46	28°38	12° 1	25°21	0♌35	8°29	4° 3	28°57	1°22	8° 3	17°52	19°23	14°58	n.a.	S 20
S 21	23 50 8	25°37'30	10♈32	13°29	26°35	1°10	8°25	3°59	28°55	1°24	8° 5	17°44	19°20	15° 5	n.a.	S 21
M22	23 54 5	26°37'16	22°30	14°55	27°48	1°46	8°22	3°54	28°53	1°26	8° 7	17°39	19°17	15°12	n.a.	M22
T 23	23 58 1	27°37'04	4♉33	16°21	29° 2	2°21	8°20	3°50	28°51	1°28	8° 9	17°36	19°14	15°18	n.a.	T 23
W24	0 1 58	28°36'55	16°44	17°46	0♍16	2°56	8°17	3°46	28°49	1°29	8°12	17°D35	19°11	15°25	n.a.	W24
T 25	0 5 54	29°36'47	29° 7	19°10	1°30	3°32	8°15	3°42	28°47	1°31	8°14	17°35	19° 7	15°32	n.a.	T 25
F 26	0 9 51	0♎36'43	11♊45	20°33	2°44	4° 7	8°13	3°38	28°45	1°33	8°16	17°36	19° 4	15°38	n.a.	F 26
S 27	0 13 48	1°36'40	24°42	21°56	3°59	4°42	8°11	3°34	28°43	1°35	8°18	17°37	19° 1	15°45	n.a.	S 27
S 28	0 17 44	2°36'40	8♋ 1	23°17	5°13	5°17	8° 9	3°31	28°41	1°37	8°20	17°R38	18°58	15°52	n.a.	S 28
M29	0 21 41	3°36'42	21°46	24°38	6°27	5°52	8° 7	3°27	28°39	1°39	8°22	17°36	18°55	15°59	n.a.	M29
T 30	0 25 37	4♎36'46	5♌57	25♎57	7♍41	6♌27	8♒ 6	3♓23	28♒37	1♏42	8♍25	17♉33	18♉52	16♓ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	9n29	27n 5	4n 1	8n 1	0n59	20n18	0n25	23n22	1n 4	19s17	1s25	11s53	2s28	12s28	0s49	10s 8	1n52	23n45	16n 6	17n54	18n 2	11s11		n.a.
T 2	9 7	25 31	4 39	7 16	0 53	20 4	0 28	23 17	1 5	19 19	1 25	11 55	2 28	12 29	0 49	10 9	1 52	23 44	16 6	17 52	18 1	11 9		n.a.
W 3	8 44	22 10	4 59	6 31	0 47	19 49	0 31	23 12	1 5	19 21	1 25	11 57	2 28	12 30	0 49	10 9	1 52	23 43	16 6	17 49	18 1	11 6		n.a.
T 4	8 22	17 16	4 59	5 46	0 41	19 34	0 34	23 7	1 6	19 22	1 25	11 58	2 28	12 31	0 49	10 10	1 52	23 43	16 6	17 47	18 0	11 3		n.a.
F 5	8 0	11 13	4 38	5 1	0 35	19 19	0 37	23 2	1 7	19 24	1 25	12 0	2 28	12 32	0 49	10 10	1 52	23 42	16 6	17 44	17 59	11 0		n.a.
S 6	7 37	4 30	3 56	4 16	0 28	19 2	0 40	22 57	1 7	19 25	1 25	12 2	2 28	12 32	0 49	10 11	1 52	23 41	16 6	17 41	17 58	10 57		n.a.
S 7	7 14	2s22	2 59	3 32	0 22	18 45	0 42	22 52	1 8	19 27	1 25	12 4	2 28	12 33	0 49	10 12	1 52	23 40	16 6	17 39	17 57	10 54		n.a.
M 8	6 51	8 59	1 51	2 47	0 15	18 28	0 45	22 46	1 9	19 28	1 25	12 6	2 28	12 34	0 49	10 12	1 52	23 39	16 6	17 38	17 56	10 51		n.a.
T 9	6 28	14 56	0 38	2 2	0 8	18 10	0 48	22 40	1 9	19 30	1 25	12 7	2 28	12 35	0 49	10 13	1 52	23 38	16 6	17 38	17 55	10 48		n.a.
W10	6 5	19 57	0s36	1 18	0 1	17 52	0 50	22 35	1 10	19 31	1 25	12 9	2 28	12 36	0 49	10 13	1 52	23 38	16 7	17 38	17 55	10 45		n.a.
T 11	5 42	23 45	1 45	0 33	0s 6	17 33	0 53	22 29	1 11	19 32	1 24	12 11	2 28	12 36	0 49	10 14	1 52	23 37	16 7	17 38	17 54	10 42		n.a.
F 12	5 19	26 13	2 46	0s11	0 13	17 13	0 55	22 23	1 11	19 33	1 24	12 12	2 28	12 37	0 49	10 15	1 52	23 36	16 7	17 38	17 53	10 39		n.a.
S 13	4 55	27 15	3 38	0 54	0 20	16 53	0 57	22 16	1 12	19 34	1 24	12 14	2 28	12 38	0 49	10 15	1 52	23 35	16 7	17 38	17 52	10 36		n.a.
S 14	4 32	26 54	4 19	1 38	0 27	16 33	1 0	22 10	1 13	19 35	1 24	12 16	2 28	12 39	0 49	10 16	1 52	23 34	16 7	17 36	17 51	10 33		n.a.
M15	4 8	25 14	4 47	2 21	0 34	16 12	1 2	22 4	1 13	19 36	1 24	12 17	2 28	12 40	0 49	10 17	1 52	23 34	16 7	17 35	17 50	10 30		n.a.
T 16	3 45	22 28	5 2	3 4	0 41	15 51	1 4	21 57	1 14	19 37	1 24	12 19	2 28	12 40	0 49	10 17	1 52	23 33	16 7	17 32	17 49	10 27		n.a.
W17	3 21	18 45	5 3	3 46	0 48	15 29	1 6	21 50	1 15	19 38	1 24	12 21	2 28	12 41	0 49	10 18	1 52	23 32	16 7	17 29	17 49	10 24		n.a.
T 18	2 57	14 20	4 52	4 28	0 54	15 6	1 8	21 43	1 15	19 39	1 24	12 22	2 28	12 42	0 49	10 19	1 52	23 31	16 8	17 26	17 48	10 21		n.a.
F 19	2 33	9 23	4 27	5 10	1 1	14 44	1 10	21 37	1 16	19 40	1 23	12 24	2 28	12 43	0 48	10 19	1 51	23 31	16 8	17 23	17 47	10 18		n.a.
S 20	2 9	4 5	3 52	5 51	1 8	14 21	1 12	21 29	1 17	19 41	1 23	12 25	2 28	12 43	0 48	10 20	1 51	23 30	16 8	17 21	17 46	10 15		n.a.
S 21	1 45	1n23	3 5	6 31	1 15	13 57	1 14	21 22	1 17	19 41	1 23	12 27	2 28	12 44	0 48	10 21	1 51	23 29	16 8	17 18	17 45	10 12		n.a.
M22	1 21	6 49	2 11	7 12	1 22	13 33	1 16	21 15	1 18	19 42	1 23	12 28	2 28	12 45	0 48	10 21	1 51	23 29	16 8	17 17	17 44	10 9		n.a.
T 23	0 57	12 5	1 10	7 51	1 28	13 8	1 17	21 8	1 19	19 43	1 23	12 30	2 28	12 45	0 48	10 22	1 51	23 28	16 9	17 16	17 43	10 6		n.a.
W24	0 33	16 57	0 5	8 30	1 35	12 44	1 19	21 0	1 20	19 43	1 23	12 31	2 27	12 46	0 48	10 23	1 51	23 27	16 9	17 15	17 42	10 3		n.a.
T 25	0 9	21 11	1n 2	9 8	1 41	12 18	1 21	20 52	1 20	19 44	1 23	12 32	2 27	12 47	0 48	10 24	1 51	23 27	16 9	17 16	17 42	10 0		n.a.
F 26	0s15	24 32	2 7	9 46	1 47	11 53	1 22	20 45	1 21	19 44	1 22	12 34	2 27	12 47	0 48	10 24	1 51	23 26	16 9	17 16	17 41	9 57		n.a.
S 27	0 39	26 42	3 7	10 23	1 53	11 27	1 24	20 37	1 22	19 44	1 22	12 35	2 27	12 48	0 48	10 25	1 51	23 25	16 9	17 16	17 40	9 54		n.a.
S 28	1 3	27 25	3 59	10 59	1 59	11 1	1 25	20 29	1 22	19 45	1 22	12 36	2 27	12 49	0 48	10 26	1 51	23 25	16 10	17 16	17 39	9 51		n.a.
M29	1 27	26 30	4 39	11 34	2 5	10 34	1 26	20 21	1 23	19 45	1 22	12 38	2 27	12 49	0 48	10 26	1 51	23 24	16 10	17 16	17 38	9 48		n.a.
T 30	1s51	23n52	5n 3	12s 9	2s10	10n 7	1n27	20n13	1n24	19s45	1s22	12s39	2s27	12s50	0s48	10s27	1n51	23n24	16n10	17n15	17n37	9s45		n.a.

Julian Day Number = 1718744.5, Delta T = 02h57m02s
Ecliptic obliquity = 23°41'51, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°09'46, Lahiri = - 4°02'46 Julian Calendar 1 Sept. 8 BCE == Greg. Calendar 30 Aug. 008 BCE

The year -07 astronomical counting style corresponds to year 008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 8 BCE
geocentric

OCTOBER 8 BCE (-7) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 29 34	5♎36'53	20♌33	27♎16	8♍56	7♌ 2	8°R 5	3°R19	28°R35	1♏44	8♍27	17°R28	18♉48	16♓12	n.a.	W 1
T 2	0 33 30	6°37'01	5♍30	28°32	10°10	7°37	8♒ 4	3♓16	28♒34	1°46	8°29	17♉21	18°45	16°19	n.a.	T 2
F 3	0 37 27	7°37'12	20°39	29°48	11°25	8°11	8° 3	3°12	28°32	1°48	8°31	17°15	18°42	16°25	n.a.	F 3
S 4	0 41 23	8°37'25	5♎52	1♏ 2	12°39	8°46	8° 2	3° 9	28°30	1°50	8°33	17°10	18°39	16°32	n.a.	S 4
S 5	0 45 20	9°37'39	20°56	2°14	13°54	9°20	8° 2	3° 6	28°29	1°52	8°35	17° 6	18°36	16°39	n.a.	S 5
M 6	0 49 17	10°37'56	5♏44	3°25	15° 8	9°55	8°D 2	3° 3	28°27	1°54	8°37	17° 3	18°33	16°45	n.a.	M 6
T 7	0 53 13	11°38'14	20° 9	4°33	16°23	10°29	8° 2	2°59	28°25	1°56	8°39	17°D 3	18°29	16°52	n.a.	T 7
W 8	0 57 10	12°38'34	4♐ 7	5°39	17°37	11° 4	8° 2	2°56	28°24	1°58	8°41	17° 4	18°26	16°59	n.a.	W 8
T 9	1 1 6	13°38'55	17°36	6°43	18°52	11°38	8° 3	2°53	28°22	2° 1	8°43	17° 5	18°23	17° 6	n.a.	T 9
F 10	1 5 3	14°39'19	0♑40	7°43	20° 7	12°12	8° 3	2°50	28°21	2° 3	8°45	17° 7	18°20	17°12	n.a.	F 10
S 11	1 8 59	15°39'43	13°21	8°41	21°22	12°46	8° 4	2°48	28°20	2° 5	8°47	17°R 8	18°17	17°19	n.a.	S 11
S 12	1 12 56	16°40'09	25°44	9°34	22°37	13°20	8° 5	2°45	28°18	2° 7	8°49	17° 7	18°13	17°26	n.a.	S 12
M13	1 16 52	17°40'37	7♒52	10°24	23°51	13°54	8° 7	2°42	28°17	2° 9	8°51	17° 5	18°10	17°32	n.a.	M13
T 14	1 20 49	18°41'06	19°51	11° 9	25° 6	14°28	8° 8	2°40	28°16	2°12	8°53	17° 2	18° 7	17°39	n.a.	T 14
W15	1 24 46	19°41'36	1♓44	11°48	26°21	15° 1	8°10	2°37	28°14	2°14	8°55	16°58	18° 4	17°46	n.a.	W15
T 16	1 28 42	20°42'08	13°35	12°22	27°36	15°35	8°12	2°35	28°13	2°16	8°56	16°53	18° 1	17°53	n.a.	T 16
F 17	1 32 39	21°42'41	25°27	12°50	28°51	16° 8	8°14	2°33	28°12	2°18	8°58	16°49	17°58	17°59	n.a.	F 17
S 18	1 36 35	22°43'15	7♈23	13°10	0♎ 6	16°42	8°16	2°30	28°11	2°20	9° 0	16°45	17°54	18° 6	n.a.	S 18
S 19	1 40 32	23°43'52	19°23	13°22	1°21	17°15	8°19	2°28	28°10	2°23	9° 2	16°41	17°51	18°13	n.a.	S 19
M20	1 44 28	24°44'29	1♉30	13°R26	2°36	17°49	8°21	2°26	28° 9	2°25	9° 4	16°39	17°48	18°19	n.a.	M20
T 21	1 48 25	25°45'09	13°46	13°21	3°51	18°22	8°24	2°25	28° 8	2°27	9° 5	16°D38	17°45	18°26	n.a.	T 21
W22	1 52 21	26°45'50	26°12	13° 5	5° 6	18°55	8°27	2°23	28° 7	2°29	9° 7	16°39	17°42	18°33	n.a.	W22
T 23	1 56 18	27°46'32	8♊48	12°39	6°21	19°28	8°31	2°21	28° 6	2°32	9° 9	16°40	17°39	18°39	n.a.	T 23
F 24	2 0 15	28°47'17	21°38	12° 3	7°37	20° 1	8°34	2°20	28° 5	2°34	9°10	16°41	17°35	18°46	n.a.	F 24
S 25	2 4 11	29°48'03	4♋44	11°16	8°52	20°33	8°38	2°18	28° 4	2°36	9°12	16°43	17°32	18°53	n.a.	S 25
S 26	2 8 8	0♏48'50	18° 6	10°19	10° 7	21° 6	8°42	2°17	28° 4	2°38	9°14	16°44	17°29	19° 0	n.a.	S 26
M27	2 12 4	1°49'40	1♌46	9°13	11°22	21°39	8°46	2°15	28° 3	2°41	9°15	16°R44	17°26	19° 6	n.a.	M27
T 28	2 16 1	2°50'31	15°46	7°59	12°37	22°11	8°50	2°14	28° 2	2°43	9°17	16°44	17°23	19°13	n.a.	T 28
W29	2 19 57	3°51'23	0♍ 4	6°40	13°53	22°44	8°54	2°13	28° 2	2°45	9°18	16°43	17°19	19°20	n.a.	W29
T 30	2 23 54	4°52'17	14°38	5°18	15° 8	23°16	8°59	2°12	28° 1	2°47	9°20	16°41	17°16	19°26	n.a.	T 30
F 31	2 27 50	5♏53'13	29♍23	3♏56	16♎23	23♌48	9♒ 4	2♓12	28♒ 1	2♏50	9♍21	16♉40	17♉13	19♓33	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	2s15	19n40	5n 9	12s42	2s15	9n40	1n28	20n 5	1n25	19s45	1s22	12s40	2s27	12s51	0s48	10s28	1n51	23n23	16n10	17n13	17n36	9s42			n.a.
T 2	2 39	14 9	4 54	13 15	2 20	9 13	1 29	19 56	1 25	19 46	1 21	12 41	2 27	12 51	0 48	10 29	1 51	23 22	16 11	17 12	17 35	9 39			n.a.
F 3	3 3	7 42	4 19	13 47	2 25	8 45	1 30	19 48	1 26	19 46	1 21	12 43	2 27	12 52	0 48	10 29	1 51	23 22	16 11	17 10	17 34	9 36			n.a.
S 4	3 27	0 47	3 25	14 17	2 29	8 17	1 31	19 39	1 27	19 46	1 21	12 44	2 26	12 52	0 48	10 30	1 51	23 21	16 11	17 8	17 34	9 33			n.a.
S 5	3 51	6s 8	2 17	14 46	2 33	7 49	1 32	19 31	1 27	19 45	1 21	12 45	2 26	12 53	0 48	10 31	1 51	23 21	16 12	17 7	17 33	9 30			n.a.
M 6	4 15	12 37	1 1	15 14	2 37	7 20	1 33	19 22	1 28	19 45	1 21	12 46	2 26	12 53	0 48	10 32	1 51	23 20	16 12	17 7	17 32	9 27			n.a.
T 7	4 39	18 15	0s17	15 41	2 40	6 52	1 33	19 13	1 29	19 45	1 21	12 47	2 26	12 54	0 48	10 33	1 51	23 20	16 12	17 6	17 31	9 24			n.a.
W 8	5 3	22 42	1 32	16 6	2 43	6 23	1 34	19 5	1 30	19 45	1 20	12 48	2 26	12 54	0 48	10 33	1 51	23 19	16 13	17 7	17 30	9 21			n.a.
T 9	5 27	25 45	2 39	16 29	2 45	5 54	1 35	18 56	1 30	19 45	1 20	12 49	2 26	12 55	0 48	10 34	1 51	23 19	16 13	17 7	17 29	9 18			n.a.
F 10	5 50	27 18	3 36	16 51	2 46	5 24	1 35	18 47	1 31	19 44	1 20	12 50	2 26	12 55	0 48	10 35	1 51	23 18	16 13	17 8	17 28	9 15			n.a.
S 11	6 14	27 20	4 20	17 11	2 47	4 55	1 35	18 38	1 32	19 44	1 20	12 51	2 26	12 56	0 48	10 36	1 51	23 18	16 14	17 8	17 27	9 12			n.a.
S 12	6 37	26 0	4 51	17 29	2 47	4 25	1 36	18 29	1 33	19 43	1 20	12 52	2 25	12 56	0 48	10 36	1 51	23 17	16 14	17 8	17 26	9 9			n.a.
M13	7 1	23 28	5 9	17 44	2 47	3 56	1 36	18 19	1 33	19 43	1 20	12 53	2 25	12 57	0 48	10 37	1 51	23 17	16 14	17 7	17 26	9 6			n.a.
T 14	7 24	19 57	5 12	17 57	2 46	3 26	1 36	18 10	1 34	19 42	1 19	12 53	2 25	12 57	0 48	10 38	1 51	23 17	16 15	17 6	17 25	9 3			n.a.
W15	7 47	15 40	5 3	18 7	2 43	2 56	1 36	18 1	1 35	19 42	1 19	12 54	2 25	12 58	0 48	10 39	1 51	23 16	16 15	17 5	17 24	9 0			n.a.
T 16	8 10	10 49	4 40	18 15	2 40	2 26	1 36	17 51	1 36	19 41	1 19	12 55	2 25	12 58	0 48	10 39	1 51	23 16	16 15	17 4	17 23	8 57			n.a.
F 17	8 33	5 34	4 5	18 19	2 35	1 55	1 36	17 42	1 36	19 40	1 19	12 55	2 25	12 58	0 48	10 40	1 51	23 15	16 16	17 2	17 22	8 54			n.a.
S 18	8 56	0 5	3 19	18 20	2 30	1 25	1 36	17 33	1 37	19 39	1 19	12 56	2 24	12 59	0 48	10 41	1 51	23 15	16 16	17 1	17 21	8 50			n.a.
S 19	9 18	5n26	2 24	18 17	2 23	0 55	1 35	17 23	1 38	19 39	1 18	12 57	2 24	12 59	0 48	10 42	1 51	23 15	16 17	17 0	17 20	8 47			n.a.
M20	9 41	10 50	1 22	18 10	2 14	0 24	1 35	17 13	1 39	19 38	1 18	12 57	2 24	12 59	0 48	10 43	1 51	23 14	16 17	17 0	17 19	8 44			n.a.
T 21	10 3	15 53	0 16	17 59	2 4	0s 6	1 35	17 4	1 39	19 37	1 18	12 58	2 24	13 0	0 48	10 43	1 51	23 14	16 17	16 59	17 18	8 41			n.a.
W22	10 26	20 21	0n52	17 43	1 52	0 37	1 34	16 54	1 40	19 36	1 18	12 58	2 24	13 0	0 48	10 44	1 51	23 14	16 18	17 0	17 18	8 38			n.a.
T 23	10 48	23 58	1 59	17 22	1 39	1 7	1 34	16 44	1 41	19 35	1 18	12 59	2 24	13 0	0 48	10 45	1 51	23 14	16 18	17 0	17 17	8 35			n.a.
F 24	11 10	26 27	3 1	16 57	1 24	1 38	1 33	16 35	1 42	19 34	1 17	12 59	2 23	13 1	0 47	10 46	1 51	23 13	16 19	17 0	17 16	8 32			n.a.
S 25	11 31	27 32	3 55	16 26	1 8	2 8	1 32	16 25	1 43	19 32	1 17	12 59	2 23	13 1	0 47	10 47	1 51	23 13	16 19	17 1	17 15	8 29			n.a.
S 26	11 53	27 3	4 38	15 51	0 50	2 39	1 32	16 15	1 43	19 31	1 17	13 0	2 23	13 1	0 47	10 47	1 51	23 13	16 20	17 1	17 14	8 26			n.a.
M27	12 14	24 56	5 6	15 12	0 30	3 9	1 31	16 5	1 44	19 30	1 17	13 0	2 23	13 1	0 47	10 48	1 51	23 13	16 20	17 1	17 13	8 23			n.a.
T 28	12 35	21 18	5 16	14 29	0 10	3 40	1 30	15 55	1 45	19 29	1 17	13 0	2 23	13 1	0 47	10 49	1 51	23 12	16 20	17 1	17 12	8 20			n.a.
W29	12 56	16 22	5 8	13 43	0n10	4 10	1 29	15 45	1 46	19 27	1 17	13 0	2 22	13 2	0 47	10 50	1 51	23 12	16 21	17 1	17 11	8 17			n.a.
T 30	13 17	10 24	4 40	12 57	0 31	4 40	1 28	15 35	1 47	19 26	1 16	13 1	2 22	13 2	0 47	10 50	1 51	23 12	16 21	17 0	17 10	8 13			n.a.
F 31	13s38	3n48	3n53	12s10	0n51	5s10	1n27	15n25	1n48	19s24	1s16	13s 1	2s22	13s 2	0s47	10s51	1n51	23n12	16n22	17n 0	17n 9	8s10			n.a.

Julian Day Number = 1718774.5, Delta T = 02h57m01s
Ecliptic obliquity = 23°41'51, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°09'42, Lahiri = - 4°02'42 Julian Calendar 1 Oct. 8 BCE == Greg. Calendar 29 Sept. 008 BCE

The year -07 astronomical counting style corresponds to year 008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 8 BCE
geocentric

NOVEMBER 8 BCE (-7) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 31 47	6♏54'09	14♎13	2°R37	17♎39	24♌20	9♒ 9	2°R11	28°R 0	2♏52	9♍23	16°R39	17♉10	19♓40	n.a.	S 1
S 2	2 35 44	7°55'08	29° 0	1♏22	18°54	24°52	9°14	2♓10	28♒ 0	2°54	9°24	16♉38	17° 7	19°46	n.a.	S 2
M 3	2 39 40	8°56'07	13♏38	0°15	20° 9	25°24	9°19	2°10	27°59	2°56	9°26	16°D38	17° 4	19°53	n.a.	M 3
T 4	2 43 37	9°57'08	27°58	29♎18	21°25	25°55	9°25	2° 9	27°59	2°59	9°27	16°38	17° 0	20° 0	n.a.	T 4
W 5	2 47 33	10°58'09	11♐57	28°30	22°40	26°27	9°31	2° 9	27°59	3° 1	9°28	16°38	16°57	20° 7	n.a.	W 5
T 6	2 51 30	11°59'12	25°32	27°54	23°55	26°58	9°36	2° 9	27°59	3° 3	9°30	16°39	16°54	20°13	n.a.	T 6
F 7	2 55 26	13° 0'15	8♑42	27°30	25°11	27°29	9°43	2°D 9	27°59	3° 5	9°31	16°39	16°51	20°20	n.a.	F 7
S 8	2 59 23	14° 1'19	21°29	27°17	26°26	28° 1	9°49	2° 9	27°58	3° 8	9°32	16°39	16°48	20°27	n.a.	S 8
S 9	3 3 19	15° 2'24	3♒57	27°D14	27°42	28°32	9°55	2° 9	27°D58	3°10	9°34	16°39	16°45	20°33	n.a.	S 9
M10	3 7 16	16° 3'29	16° 8	27°22	28°57	29° 2	10° 2	2° 9	27°58	3°12	9°35	16°40	16°41	20°40	n.a.	M10
T 11	3 11 13	17° 4'35	28° 7	27°39	0♏13	29°33	10° 8	2°10	27°59	3°14	9°36	16°40	16°38	20°47	n.a.	T 11
W12	3 15 9	18° 5'41	10♓ 0	28° 5	1°28	0♍ 4	10°15	2°10	27°59	3°17	9°37	16°40	16°35	20°53	n.a.	W12
T 13	3 19 6	19° 6'48	21°51	28°39	2°43	0°34	10°22	2°11	27°59	3°19	9°38	16°40	16°32	21° 0	n.a.	T 13
F 14	3 23 2	20° 7'55	3♈44	29°19	3°59	1° 4	10°30	2°11	27°59	3°21	9°39	16°40	16°29	21° 7	n.a.	F 14
S 15	3 26 59	21° 9'03	15°42	0♏ 6	5°14	1°35	10°37	2°12	27°59	3°23	9°40	16°41	16°25	21°14	n.a.	S 15
S 16	3 30 55	22°10'11	27°49	0°58	6°30	2° 5	10°45	2°13	28° 0	3°25	9°41	16°41	16°22	21°20	n.a.	S 16
M17	3 34 52	23°11'20	10♉ 8	1°54	7°45	2°34	10°52	2°14	28° 0	3°27	9°42	16°41	16°19	21°27	n.a.	M17
T 18	3 38 48	24°12'30	22°39	2°55	9° 1	3° 4	11° 0	2°15	28° 0	3°30	9°43	16°R41	16°16	21°34	n.a.	T 18
W19	3 42 45	25°13'40	5♊24	4° 0	10°16	3°34	11° 8	2°17	28° 1	3°32	9°44	16°41	16°13	21°40	n.a.	W19
T 20	3 46 42	26°14'50	18°23	5° 7	11°32	4° 3	11°16	2°18	28° 1	3°34	9°45	16°40	16°10	21°47	n.a.	T 20
F 21	3 50 38	27°16'02	1♋36	6°18	12°47	4°32	11°25	2°20	28° 2	3°36	9°46	16°39	16° 6	21°54	n.a.	F 21
S 22	3 54 35	28°17'14	15° 2	7°31	14° 3	5° 1	11°33	2°21	28° 3	3°38	9°47	16°37	16° 3	22° 0	n.a.	S 22
S 23	3 58 31	29°18'26	28°40	8°46	15°18	5°30	11°42	2°23	28° 3	3°40	9°47	16°36	16° 0	22° 7	n.a.	S 23
M24	4 2 28	0♐19'39	12♌29	10° 3	16°33	5°59	11°50	2°25	28° 4	3°42	9°48	16°34	15°57	22°14	n.a.	M24
T 25	4 6 24	1°20'53	26°28	11°22	17°49	6°27	11°59	2°26	28° 5	3°44	9°49	16°D34	15°54	22°21	n.a.	T 25
W26	4 10 21	2°22'07	10♍35	12°42	19° 4	6°56	12° 8	2°29	28° 6	3°46	9°50	16°34	15°51	22°27	n.a.	W26
T 27	4 14 18	3°23'22	24°50	14° 3	20°20	7°24	12°17	2°31	28° 7	3°48	9°50	16°35	15°47	22°34	n.a.	T 27
F 28	4 18 14	4°24'37	9♎ 9	15°25	21°35	7°52	12°27	2°33	28° 8	3°50	9°51	16°36	15°44	22°41	n.a.	F 28
S 29	4 22 11	5°25'53	23°30	16°49	22°51	8°19	12°36	2°35	28° 9	3°52	9°51	16°37	15°41	22°47	n.a.	S 29
S 30	4 26 7	6♐27'09	7♏49	18♏13	24♏ 6	8♍47	12♒45	2♓38	28♒10	3♏54	9♍52	16♉38	15♉38	22♓54	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s58	3s 3	2n50	11s25	1n10	5s40	1n26	15n15	1n48	19s23	1s16	13s 1	2s22	13s 2	0s47	10s52	1n51	23n12	16n22	16n59	17n 8	8s 7		n.a.
S 2	14 18	9 44	1 36	10 42	1 28	6 10	1 25	15 5	1 49	19 21	1 16	13 1	2 22	13 2	0 47	10 53	1 51	23 12	16 23	16 59	17 8	8 4		n.a.
M 3	14 38	15 50	0 17	10 4	1 44	6 40	1 24	14 55	1 50	19 20	1 16	13 1	2 21	13 2	0 47	10 54	1 51	23 12	16 23	16 59	17 7	8 1		n.a.
T 4	14 57	20 56	1s 3	9 30	1 58	7 10	1 22	14 45	1 51	19 18	1 15	13 1	2 21	13 2	0 47	10 54	1 51	23 12	16 24	16 59	17 6	7 58		n.a.
W 5	15 17	24 43	2 16	9 2	2 10	7 40	1 21	14 35	1 52	19 16	1 15	13 1	2 21	13 2	0 47	10 55	1 51	23 11	16 24	16 59	17 5	7 55		n.a.
T 6	15 36	26 57	3 20	8 40	2 20	8 9	1 20	14 25	1 53	19 15	1 15	13 1	2 21	13 2	0 47	10 56	1 51	23 11	16 25	16 59	17 4	7 52		n.a.
F 7	15 55	27 34	4 11	8 24	2 28	8 38	1 18	14 15	1 53	19 13	1 15	13 0	2 21	13 2	0 47	10 57	1 51	23 11	16 25	17 0	17 3	7 49		n.a.
S 8	16 13	26 41	4 47	8 14	2 34	9 7	1 17	14 5	1 54	19 11	1 15	13 0	2 20	13 2	0 47	10 57	1 51	23 11	16 26	17 0	17 2	7 45		n.a.
S 9	16 31	24 29	5 10	8 9	2 38	9 36	1 15	13 55	1 55	19 9	1 15	13 0	2 20	13 2	0 47	10 58	1 51	23 11	16 26	17 0	17 1	7 42		n.a.
M10	16 49	21 12	5 17	8 10	2 40	10 5	1 13	13 44	1 56	19 7	1 14	13 0	2 20	13 2	0 47	10 59	1 51	23 11	16 27	17 0	17 0	7 39		n.a.
T 11	17 7	17 6	5 11	8 15	2 41	10 33	1 12	13 34	1 57	19 5	1 14	12 59	2 20	13 2	0 47	11 0	1 51	23 11	16 27	17 0	16 59	7 36		n.a.
W12	17 24	12 23	4 51	8 25	2 40	11 1	1 10	13 24	1 58	19 3	1 14	12 59	2 20	13 2	0 47	11 0	1 51	23 11	16 28	17 0	16 58	7 33		n.a.
T 13	17 41	7 14	4 20	8 38	2 39	11 29	1 8	13 14	1 59	19 1	1 14	12 59	2 19	13 2	0 47	11 1	1 51	23 11	16 28	17 0	16 58	7 30		n.a.
F 14	17 58	1 48	3 36	8 55	2 36	11 56	1 6	13 4	2 0	18 59	1 14	12 58	2 19	13 2	0 47	11 2	1 51	23 12	16 29	17 0	16 57	7 27		n.a.
S 15	18 14	3n44	2 44	9 15	2 33	12 24	1 5	12 54	2 0	18 56	1 14	12 58	2 19	13 2	0 47	11 3	1 51	23 12	16 30	17 0	16 56	7 24		n.a.
S 16	18 30	9 13	1 43	9 37	2 28	12 51	1 3	12 44	2 1	18 54	1 13	12 57	2 19	13 2	0 47	11 3	1 51	23 12	16 30	17 0	16 55	7 20		n.a.
M17	18 46	14 26	0 36	10 1	2 24	13 17	1 1	12 34	2 2	18 52	1 13	12 57	2 19	13 1	0 47	11 4	1 51	23 12	16 31	17 0	16 54	7 17		n.a.
T 18	19 2	19 10	0n33	10 27	2 18	13 44	0 59	12 24	2 3	18 50	1 13	12 56	2 18	13 1	0 47	11 5	1 51	23 12	16 31	17 0	16 53	7 14		n.a.
W19	19 17	23 6	1 42	10 55	2 12	14 10	0 57	12 14	2 4	18 47	1 13	12 55	2 18	13 1	0 46	11 5	1 51	23 12	16 32	17 0	16 52	7 11		n.a.
T 20	19 31	25 57	2 47	11 23	2 6	14 35	0 55	12 4	2 5	18 45	1 13	12 55	2 18	13 1	0 46	11 6	1 51	23 12	16 32	17 0	16 51	7 8		n.a.
F 21	19 46	27 25	3 44	11 53	2 0	15 0	0 53	11 54	2 6	18 42	1 13	12 54	2 18	13 1	0 46	11 7	1 51	23 12	16 33	17 0	16 50	7 5		n.a.
S 22	20 0	27 18	4 30	12 23	1 53	15 25	0 50	11 44	2 7	18 40	1 12	12 53	2 18	13 0	0 46	11 8	1 51	23 13	16 33	16 59	16 49	7 1		n.a.
S 23	20 13	25 33	5 1	12 54	1 46	15 50	0 48	11 34	2 8	18 37	1 12	12 52	2 17	13 0	0 46	11 8	1 51	23 13	16 34	16 59	16 48	6 58		n.a.
M24	20 26	22 16	5 15	13 26	1 39	16 14	0 46	11 25	2 9	18 35	1 12	12 51	2 17	13 0	0 46	11 9	1 51	23 13	16 35	16 58	16 47	6 55		n.a.
T 25	20 39	17 42	5 11	13 57	1 31	16 37	0 44	11 15	2 10	18 32	1 12	12 51	2 17	12 59	0 46	11 10	1 51	23 13	16 35	16 58	16 46	6 52		n.a.
W26	20 52	12 7	4 49	14 29	1 24	17 1	0 42	11 5	2 11	18 29	1 12	12 50	2 17	12 59	0 46	11 10	1 51	23 14	16 36	16 58	16 46	6 49		n.a.
T 27	21 4	5 52	4 8	15 1	1 16	17 23	0 39	10 55	2 12	18 27	1 12	12 49	2 17	12 59	0 46	11 11	1 51	23 14	16 36	16 58	16 45	6 46		n.a.
F 28	21 15	0s43	3 12	15 33	1 9	17 46	0 37	10 46	2 13	18 24	1 12	12 48	2 16	12 58	0 46	11 12	1 51	23 14	16 37	16 59	16 44	6 43		n.a.
S 29	21 26	7 18	2 4	16 4	1 1	18 7	0 35	10 36	2 14	18 21	1 11	12 47	2 16	12 58	0 46	11 12	1 51	23 14	16 37	16 59	16 43	6 39		n.a.
S 30	21s37	13s30	0n49	16s35	0n53	18s29	0n33	10n27	2n15	18s18	1s11	12s46	2s16	12s58	0s46	11s13	1n51	23n15	16n38	16n59	16n42	6s36		n.a.

Julian Day Number = 1718805.5, Delta T = 02h57m01s
Ecliptic obliquity = 23°41'51, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°09'38, Lahiri = - 4°02'38 Julian Calendar 1 Nov. 8 BCE == Greg. Calendar 30 Oct. 008 BCE

The year -07 astronomical counting style corresponds to year 008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 8 BCE
geocentric

DECEMBER 8 BCE (-7) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 30 4	7♐28'26	22♏ 1	19♏39	25♏22	9♍14	12♒55	2♓40	28♒11	3♏56	9♍52	16°R38	15♉35	23♓ 1	n.a.	M 1
T 2	4 34 0	8°29'42	6♐ 2	21° 5	26°37	9°41	13° 5	2°43	28°12	3°58	9°53	16♉37	15°31	23° 7	n.a.	T 2
W 3	4 37 57	9°30'59	19°49	22°32	27°53	10° 8	13°15	2°45	28°13	4° 0	9°53	16°35	15°28	23°14	n.a.	W 3
T 4	4 41 53	10°32'15	3♑17	23°59	29° 8	10°35	13°25	2°48	28°14	4° 2	9°54	16°32	15°25	23°21	n.a.	T 4
F 5	4 45 50	11°33'32	16°26	25°27	0♐24	11° 1	13°35	2°51	28°16	4° 4	9°54	16°28	15°22	23°28	n.a.	F 5
S 6	4 49 47	12°34'48	29°15	26°55	1°39	11°27	13°45	2°54	28°17	4° 6	9°54	16°23	15°19	23°34	n.a.	S 6
S 7	4 53 43	13°36'04	11♒44	28°24	2°55	11°53	13°56	2°57	28°18	4° 8	9°55	16°19	15°16	23°41	n.a.	S 7
M 8	4 57 40	14°37'19	23°58	29°54	4°10	12°19	14° 6	3° 1	28°20	4°10	9°55	16°16	15°12	23°48	n.a.	M 8
T 9	5 1 36	15°38'34	5♓59	1♐24	5°26	12°45	14°17	3° 4	28°21	4°11	9°55	16°14	15° 9	23°54	n.a.	T 9
W10	5 5 33	16°39'48	17°53	2°54	6°41	13°10	14°28	3° 7	28°23	4°13	9°55	16°D14	15° 6	24° 1	n.a.	W10
T 11	5 9 29	17°41'01	29°43	4°25	7°57	13°35	14°38	3°11	28°24	4°15	9°56	16°15	15° 3	24° 8	n.a.	T 11
F 12	5 13 26	18°42'14	11♈36	5°56	9°12	13°59	14°49	3°15	28°26	4°17	9°56	16°16	15° 0	24°14	n.a.	F 12
S 13	5 17 22	19°43'26	23°35	7°28	10°27	14°24	15° 0	3°18	28°28	4°19	9°56	16°18	14°56	24°21	n.a.	S 13
S 14	5 21 19	20°44'38	5♉46	9° 1	11°43	14°48	15°12	3°22	28°29	4°20	9°56	16°20	14°53	24°28	n.a.	S 14
M15	5 25 16	21°45'49	18°12	10°33	12°58	15°12	15°23	3°26	28°31	4°22	9°R56	16°R20	14°50	24°34	n.a.	M15
T 16	5 29 12	22°46'59	0♊56	12° 7	14°14	15°35	15°34	3°30	28°33	4°24	9°56	16°19	14°47	24°41	n.a.	T 16
W17	5 33 9	23°48'09	14° 0	13°40	15°29	15°59	15°46	3°34	28°35	4°25	9°56	16°16	14°44	24°48	n.a.	W17
T 18	5 37 5	24°49'18	27°22	15°14	16°44	16°22	15°57	3°38	28°37	4°27	9°56	16°11	14°41	24°55	n.a.	T 18
F 19	5 41 2	25°50'27	11♋ 3	16°49	18° 0	16°45	16° 9	3°42	28°39	4°28	9°55	16° 5	14°37	25° 1	n.a.	F 19
S 20	5 44 58	26°51'35	24°57	18°24	19°15	17° 7	16°21	3°47	28°41	4°30	9°55	15°58	14°34	25° 8	n.a.	S 20
S 21	5 48 55	27°52'42	9♌ 2	20° 0	20°31	17°29	16°33	3°51	28°43	4°32	9°55	15°51	14°31	25°15	n.a.	S 21
M22	5 52 52	28°53'49	23°13	21°36	21°46	17°51	16°44	3°56	28°45	4°33	9°55	15°45	14°28	25°21	n.a.	M22
T 23	5 56 48	29°54'55	7♍26	23°13	23° 1	18°12	16°56	4° 0	28°47	4°35	9°55	15°41	14°25	25°28	n.a.	T 23
W24	6 0 45	0♎56'01	21°37	24°50	24°17	18°33	17° 9	4° 5	28°49	4°36	9°54	15°39	14°22	25°35	n.a.	W24
T 25	6 4 41	1°57'06	5♎46	26°28	25°32	18°54	17°21	4°10	28°51	4°37	9°54	15°D39	14°18	25°41	n.a.	T 25
F 26	6 8 38	2°58'11	19°49	28° 7	26°47	19°15	17°33	4°15	28°53	4°39	9°54	15°40	14°15	25°48	n.a.	F 26
S 27	6 12 34	3°59'15	3♏47	29°46	28° 3	19°35	17°45	4°19	28°56	4°40	9°53	15°41	14°12	25°55	n.a.	S 27
S 28	6 16 31	5° 0'18	17°38	1♑26	29°18	19°54	17°58	4°24	28°58	4°42	9°53	15°R41	14° 9	26° 1	n.a.	S 28
M29	6 20 27	6° 1'21	1♐22	3° 6	0♑33	20°14	18°10	4°30	29° 0	4°43	9°52	15°40	14° 6	26° 8	n.a.	M29
T 30	6 24 24	7° 2'22	14°56	4°47	1°49	20°32	18°23	4°35	29° 3	4°44	9°52	15°37	14° 2	26°15	n.a.	T 30
W31	6 28 21	8♑ 3'23	28♐20	6♑29	3♑ 4	20♍51	18♒36	4♓40	29♒ 5	4♏45	9♍51	15♉30	13♉59	26♓22	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	21s48	18s57	0s30	17s 6	0n46	18s49	0n30	10n17	2n16	18s15	1s11	12s44	2s16	12s57	0s46	11s14	1n51	23n15	16n39	16n59	16n41	6s33			n.a.
T 2	21 57	23 16	1 45	17 37	0 38	19 10	0 28	10 8	2 17	18 12	1 11	12 43	2 16	12 57	0 46	11 14	1 51	23 15	16 39	16 59	16 40	6 30			n.a.
W 3	22 7	26 10	2 53	18 6	0 31	19 29	0 25	9 58	2 18	18 9	1 11	12 42	2 15	12 56	0 46	11 15	1 51	23 16	16 40	16 58	16 39	6 27			n.a.
T 4	22 16	27 28	3 49	18 36	0 23	19 48	0 23	9 49	2 19	18 6	1 11	12 41	2 15	12 56	0 46	11 15	1 51	23 16	16 40	16 57	16 38	6 23			n.a.
F 5	22 25	27 10	4 32	19 5	0 16	20 7	0 21	9 40	2 20	18 3	1 11	12 40	2 15	12 55	0 46	11 16	1 51	23 17	16 41	16 56	16 37	6 20			n.a.
S 6	22 33	25 24	5 0	19 33	0 8	20 25	0 18	9 31	2 21	18 0	1 10	12 38	2 15	12 55	0 46	11 17	1 51	23 17	16 42	16 55	16 36	6 17			n.a.
S 7	22 41	22 27	5 12	20 0	0 1	20 42	0 16	9 22	2 22	17 57	1 10	12 37	2 15	12 54	0 46	11 17	1 51	23 17	16 42	16 54	16 35	6 14			n.a.
M 8	22 48	18 33	5 11	20 27	0s 6	20 59	0 13	9 13	2 23	17 54	1 10	12 36	2 14	12 54	0 46	11 18	1 51	23 18	16 43	16 53	16 34	6 11			n.a.
T 9	22 55	13 58	4 55	20 53	0 13	21 15	0 11	9 4	2 24	17 50	1 10	12 34	2 14	12 53	0 46	11 18	1 51	23 18	16 43	16 52	16 33	6 8			n.a.
W10	23 1	8 56	4 27	21 17	0 20	21 31	0 9	8 55	2 25	17 47	1 10	12 33	2 14	12 53	0 46	11 19	1 51	23 19	16 44	16 52	16 32	6 4			n.a.
T 11	23 7	3 35	3 48	21 42	0 27	21 46	0 6	8 46	2 26	17 44	1 10	12 31	2 14	12 52	0 46	11 20	1 52	23 19	16 44	16 53	16 31	6 1			n.a.
F 12	23 13	1n54	2 59	22 5	0 33	22 0	0 4	8 37	2 27	17 40	1 10	12 30	2 14	12 51	0 46	11 20	1 52	23 20	16 45	16 53	16 31	5 58			n.a.
S 13	23 18	7 23	2 1	22 27	0 40	22 14	0 1	8 29	2 28	17 37	1 10	12 28	2 13	12 51	0 46	11 21	1 52	23 20	16 46	16 54	16 30	5 55			n.a.
S 14	23 22	12 41	0 57	22 48	0 46	22 27	0s 1	8 20	2 29	17 34	1 10	12 27	2 13	12 50	0 46	11 21	1 52	23 21	16 46	16 54	16 29	5 52			n.a.
M15	23 26	17 36	0n10	23 8	0 52	22 39	0 4	8 12	2 31	17 30	1 9	12 25	2 13	12 50	0 46	11 22	1 52	23 21	16 47	16 54	16 28	5 48			n.a.
T 16	23 30	21 51	1 19	23 27	0 58	22 51	0 6	8 4	2 32	17 27	1 9	12 23	2 13	12 49	0 45	11 22	1 52	23 22	16 47	16 54	16 27	5 45			n.a.
W17	23 33	25 7	2 25	23 45	1 4	23 2	0 8	7 56	2 33	17 23	1 9	12 22	2 13	12 48	0 45	11 23	1 52	23 22	16 48	16 53	16 26	5 42			n.a.
T 18	23 36	27 5	3 24	24 1	1 9	23 12	0 11	7 48	2 34	17 19	1 9	12 20	2 13	12 47	0 45	11 23	1 52	23 23	16 49	16 52	16 25	5 39			n.a.
F 19	23 38	27 27	4 14	24 17	1 15	23 22	0 13	7 40	2 35	17 16	1 9	12 18	2 12	12 47	0 45	11 24	1 52	23 23	16 49	16 50	16 24	5 36			n.a.
S 20	23 40	26 6	4 49	24 31	1 20	23 31	0 15	7 32	2 36	17 12	1 9	12 17	2 12	12 46	0 45	11 24	1 52	23 24	16 50	16 48	16 23	5 32			n.a.
S 21	23 41	23 7	5 7	24 43	1 25	23 39	0 18	7 24	2 37	17 8	1 9	12 15	2 12	12 45	0 45	11 25	1 52	23 25	16 50	16 46	16 22	5 29			n.a.
M22	23 42	18 44	5 6	24 55	1 29	23 46	0 20	7 17	2 39	17 5	1 9	12 13	2 12	12 45	0 45	11 25	1 52	23 25	16 51	16 44	16 21	5 26			n.a.
T 23	23 42	13 18	4 47	25 5	1 34	23 53	0 22	7 9	2 40	17 1	1 9	12 11	2 12	12 44	0 45	11 26	1 52	23 26	16 51	16 43	16 20	5 23			n.a.
W24	23 42	7 11	4 10	25 14	1 38	23 59	0 25	7 2	2 41	16 57	1 8	12 9	2 12	12 43	0 45	11 26	1 52	23 27	16 52	16 42	16 19	5 19			n.a.
T 25	23 41	0 43	3 19	25 21	1 42	24 4	0 27	6 55	2 42	16 53	1 8	12 7	2 11	12 42	0 45	11 26	1 52	23 27	16 53	16 42	16 18	5 16			n.a.
F 26	23 40	5s45	2 15	25 26	1 45	24 9	0 29	6 48	2 43	16 49	1 8	12 5	2 11	12 41	0 45	11 27	1 52	23 28	16 53	16 42	16 17	5 13			n.a.
S 27	23 38	11 55	1 4	25 30	1 49	24 12	0 31	6 41	2 44	16 45	1 8	12 3	2 11	12 41	0 45	11 27	1 52	23 28	16 54	16 43	16 16	5 10			n.a.
S 28	23 36	17 27	0s11	25 33	1 52	24 15	0 34	6 34	2 46	16 41	1 8	12 1	2 11	12 40	0 45	11 28	1 52	23 29	16 54	16 43	16 15	5 7			n.a.
M29	23 34	22 1	1 23	25 34	1 54	24 18	0 36	6 28	2 47	16 37	1 8	11 59	2 11	12 39	0 45	11 28	1 52	23 30	16 55	16 42	16 14	5 3			n.a.
T 30	23 30	25 20	2 31	25 33	1 56	24 19	0 38	6 21	2 48	16 33	1 8	11 57	2 11	12 38	0 45	11 29	1 52	23 31	16 55	16 41	16 13	5 0			n.a.
W31	23s27	27s 9	3s28	25s30	1s58	24s20	0s40	6n15	2n49	16s29	1s 8	11s55	2s10	12s37	0s45	11s29	1n52	23n31	16n56	16n40	16n13	4s57			n.a.

Julian Day Number = 1718835.5, Delta T = 02h57m00s
Ecliptic obliquity = 23°41'51, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°09'34, Lahiri = - 4°02'34 Julian Calendar 1 Dec. 8 BCE == Greg. Calendar 29 Nov. 008 BCE

The year -07 astronomical counting style corresponds to year 008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 7 BCE
geocentric

JANUARY 7 BCE (-6) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 32 17	9♉ 4'23	11♉31	8♉12	4♉19	21♍ 9	18♒48	4♓45	29♒ 7	4♏47	9°R51	15°R22	13♌56	26♓28	n.a.	T 1
F 2	6 36 14	10° 5'22	24°27	9°55	5°34	21°27	19° 1	4°51	29°10	4°48	9♍50	15♌12	13°53	26°35	n.a.	F 2
S 3	6 40 10	11° 6'19	7♒ 9	11°39	6°50	21°44	19°14	4°56	29°12	4°49	9°49	15° 1	13°50	26°42	n.a.	S 3
S 4	6 44 7	12° 7'15	19°35	13°23	8° 5	22° 1	19°27	5° 2	29°15	4°50	9°49	14°51	13°47	26°48	n.a.	S 4
M 5	6 48 3	13° 8'10	1♓47	15° 8	9°20	22°17	19°40	5° 7	29°18	4°51	9°48	14°41	13°43	26°55	n.a.	M 5
T 6	6 52 0	14° 9'03	13°47	16°54	10°35	22°33	19°53	5°13	29°20	4°52	9°47	14°34	13°40	27° 2	n.a.	T 6
W 7	6 55 56	15° 9'55	25°40	18°40	11°51	22°48	20° 6	5°19	29°23	4°53	9°47	14°30	13°37	27° 8	n.a.	W 7
T 8	6 59 53	16°10'45	7♈29	20°27	13° 6	23° 3	20°19	5°24	29°26	4°54	9°46	14°28	13°34	27°15	n.a.	T 8
F 9	7 3 50	17°11'33	19°20	22°15	14°21	23°18	20°33	5°30	29°28	4°55	9°45	14°D27	13°31	27°22	n.a.	F 9
S 10	7 7 46	18°12'20	1♉18	24° 3	15°36	23°32	20°46	5°36	29°31	4°56	9°44	14°28	13°28	27°28	n.a.	S 10
S 11	7 11 43	19°13'05	13°28	25°51	16°51	23°45	20°59	5°42	29°34	4°57	9°43	14°R28	13°24	27°35	n.a.	S 11
M12	7 15 39	20°13'48	25°56	27°40	18° 6	23°58	21°13	5°48	29°37	4°58	9°42	14°28	13°21	27°42	n.a.	M12
T 13	7 19 36	21°14'30	8♊45	29°29	19°22	24°11	21°26	5°54	29°39	4°59	9°41	14°25	13°18	27°48	n.a.	T 13
W14	7 23 32	22°15'10	21°59	1♒18	20°37	24°23	21°40	6° 0	29°42	5° 0	9°40	14°20	13°15	27°55	n.a.	W14
T 15	7 27 29	23°15'49	5♋37	3° 8	21°52	24°34	21°53	6° 7	29°45	5° 1	9°39	14°12	13°12	28° 2	n.a.	T 15
F 16	7 31 26	24°16'25	19°40	4°56	23° 7	24°45	22° 7	6°13	29°48	5° 1	9°38	14° 2	13° 9	28° 9	n.a.	F 16
S 17	7 35 22	25°17'01	4♌ 1	6°45	24°22	24°55	22°21	6°19	29°51	5° 2	9°37	13°51	13° 5	28°15	n.a.	S 17
S 18	7 39 19	26°17'34	18°35	8°32	25°37	25° 5	22°34	6°26	29°54	5° 3	9°36	13°39	13° 2	28°22	n.a.	S 18
M19	7 43 15	27°18'06	3♍15	10°19	26°52	25°14	22°48	6°32	29°57	5° 4	9°35	13°29	12°59	28°29	n.a.	M19
T 20	7 47 12	28°18'37	17°52	12° 4	28° 7	25°22	23° 2	6°38	0♓ 0	5° 4	9°34	13°21	12°56	28°35	n.a.	T 20
W21	7 51 8	29°19'06	2♎21	13°47	29°22	25°30	23°16	6°45	0° 3	5° 5	9°33	13°16	12°53	28°42	n.a.	W21
T 22	7 55 5	0♒19'33	16°38	15°28	0♒37	25°38	23°30	6°52	0° 6	5° 5	9°32	13°14	12°49	28°49	n.a.	T 22
F 23	7 59 1	1°19'59	0♏42	17° 6	1°52	25°44	23°44	6°58	0° 9	5° 6	9°31	13°D13	12°46	28°55	n.a.	F 23
S 24	8 2 58	2°20'24	14°30	18°41	3° 7	25°50	23°58	7° 5	0°12	5° 6	9°29	13°R14	12°43	29° 2	n.a.	S 24
S 25	8 6 54	3°20'48	28° 6	20°13	4°22	25°56	24°12	7°12	0°16	5° 7	9°28	13°13	12°40	29° 9	n.a.	S 25
M26	8 10 51	4°21'10	11♐28	21°39	5°37	26° 0	24°26	7°18	0°19	5° 7	9°27	13°10	12°37	29°15	n.a.	M26
T 27	8 14 48	5°21'30	24°39	23° 1	6°52	26° 4	24°40	7°25	0°22	5° 8	9°26	13° 5	12°34	29°22	n.a.	T 27
W28	8 18 44	6°21'49	7♑39	24°17	8° 7	26° 7	24°54	7°32	0°25	5° 8	9°24	12°57	12°30	29°29	n.a.	W28
T 29	8 22 41	7°22'06	20°29	25°26	9°22	26°10	25° 8	7°39	0°28	5° 8	9°23	12°45	12°27	29°35	n.a.	T 29
F 30	8 26 37	8°22'21	3♒ 7	26°29	10°37	26°12	25°22	7°46	0°31	5° 9	9°22	12°32	12°24	29°42	n.a.	F 30
S 31	8 30 34	9♒22'34	15♒34	27♒24	11♒52	26♍13	25♒37	7♓53	0♓35	5♏ 9	9♍20	12♌18	12♌21	29♓49	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23 s23	27 s24	4 s14	25 s26	2 s 0	24 s20	0 s42	6n 9	2n50	16 s25	1 s 8	11 s53	2 s10	12 s36	0 s45	11 s29	1n53	23n32	16n56	16n37	16n12	4 s54			n.a.
F 2	23 19	26 8	4 45	25 20	2 1	24 19	0 44	6 3	2 52	16 21	1 8	11 51	2 10	12 35	0 45	11 30	1 53	23 33	16 57	16 34	16 11	4 50			n.a.
S 3	23 14	23 32	5 2	25 12	2 2	24 17	0 46	5 57	2 53	16 17	1 8	11 49	2 10	12 34	0 45	11 30	1 53	23 33	16 57	16 31	16 10	4 47			n.a.
S 4	23 8	19 54	5 4	25 2	2 2	24 15	0 48	5 52	2 54	16 13	1 8	11 47	2 10	12 33	0 45	11 30	1 53	23 34	16 58	16 28	16 9	4 44			n.a.
M 5	23 2	15 29	4 51	24 51	2 2	24 12	0 50	5 46	2 55	16 9	1 8	11 45	2 10	12 33	0 45	11 31	1 53	23 35	16 58	16 25	16 8	4 41			n.a.
T 6	22 56	10 32	4 26	24 37	2 1	24 8	0 52	5 41	2 57	16 4	1 7	11 42	2 10	12 32	0 45	11 31	1 53	23 36	16 59	16 23	16 7	4 37			n.a.
W 7	22 49	5 15	3 50	24 22	2 0	24 3	0 54	5 36	2 58	16 0	1 7	11 40	2 9	12 31	0 45	11 31	1 53	23 36	16 59	16 22	16 6	4 34			n.a.
T 8	22 42	0n11	3 4	24 5	1 59	23 58	0 56	5 31	2 59	15 56	1 7	11 38	2 9	12 30	0 45	11 32	1 53	23 37	17 0	16 21	16 5	4 31			n.a.
F 9	22 35	5 39	2 10	23 45	1 57	23 52	0 57	5 27	3 0	15 52	1 7	11 35	2 9	12 29	0 45	11 32	1 53	23 38	17 0	16 21	16 4	4 28			n.a.
S 10	22 27	10 58	1 10	23 24	1 54	23 45	0 59	5 22	3 2	15 47	1 7	11 33	2 9	12 28	0 45	11 32	1 53	23 39	17 1	16 21	16 3	4 24			n.a.
S 11	22 18	15 58	0 5	23 1	1 51	23 38	1 1	5 18	3 3	15 43	1 7	11 31	2 9	12 27	0 45	11 32	1 53	23 39	17 1	16 21	16 2	4 21			n.a.
M12	22 9	20 26	1n 1	22 36	1 47	23 29	1 2	5 14	3 4	15 38	1 7	11 28	2 9	12 26	0 45	11 33	1 53	23 40	17 2	16 21	16 1	4 18			n.a.
T 13	22 0	24 4	2 5	22 8	1 42	23 20	1 4	5 10	3 6	15 34	1 7	11 26	2 9	12 25	0 45	11 33	1 53	23 41	17 2	16 20	16 0	4 15			n.a.
W14	21 50	26 32	3 5	21 40	1 37	23 11	1 6	5 7	3 7	15 30	1 7	11 24	2 9	12 24	0 45	11 33	1 53	23 42	17 3	16 19	15 59	4 11			n.a.
T 15	21 40	27 31	3 57	21 9	1 31	23 0	1 7	5 3	3 8	15 25	1 7	11 21	2 8	12 23	0 45	11 33	1 53	23 43	17 3	16 16	15 58	4 8			n.a.
F 16	21 30	26 46	4 35	20 36	1 25	22 49	1 9	5 0	3 9	15 20	1 7	11 19	2 8	12 21	0 45	11 33	1 53	23 43	17 4	16 13	15 57	4 5			n.a.
S 17	21 19	24 16	4 57	20 2	1 17	22 37	1 10	4 57	3 11	15 16	1 7	11 16	2 8	12 20	0 45	11 34	1 53	23 44	17 4	16 10	15 56	4 2			n.a.
S 18	21 7	20 10	5 0	19 26	1 9	22 25	1 11	4 54	3 12	15 11	1 7	11 14	2 8	12 19	0 45	11 34	1 54	23 45	17 5	16 6	15 55	3 58			n.a.
M19	20 55	14 50	4 44	18 49	1 1	22 12	1 13	4 52	3 13	15 7	1 7	11 11	2 8	12 18	0 45	11 34	1 54	23 46	17 5	16 3	15 54	3 55			n.a.
T 20	20 43	8 39	4 9	18 11	0 51	21 58	1 14	4 50	3 15	15 2	1 7	11 9	2 8	12 17	0 44	11 34	1 54	23 47	17 5	16 1	15 53	3 52			n.a.
W21	20 31	2 5	3 18	17 31	0 41	21 43	1 15	4 48	3 16	14 58	1 7	11 6	2 8	12 16	0 44	11 34	1 54	23 48	17 6	16 0	15 52	3 49			n.a.
T 22	20 18	4 s31	2 16	16 51	0 30	21 28	1 16	4 46	3 17	14 53	1 7	11 4	2 8	12 15	0 44	11 34	1 54	23 48	17 6	15 59	15 51	3 45			n.a.
F 23	20 5	10 49	1 6	16 10	0 18	21 13	1 17	4 44	3 18	14 48	1 7	11 1	2 8	12 14	0 44	11 35	1 54	23 49	17 7	15 59	15 50	3 42			n.a.
S 24	19 51	16 28	0 s 7	15 29	0 6	20 56	1 18	4 43	3 20	14 43	1 7	10 59	2 8	12 13	0 44	11 35	1 54	23 50	17 7	15 59	15 49	3 39			n.a.
S 25	19 37	21 13	1 18	14 48	0n 7	20 39	1 19	4 42	3 21	14 39	1 7	10 56	2 7	12 12	0 44	11 35	1 54	23 51	17 7	15 58	15 48	3 36			n.a.
M26	19 23	24 46	2 23	14 7	0 21	20 22	1 20	4 41	3 22	14 34	1 7	10 53	2 7	12 10	0 44	11 35	1 54	23 52	17 8	15 58	15 47	3 32			n.a.
T 27	19 8	26 55	3 20	13 27	0 35	20 3	1 21	4 41	3 23	14 29	1 7	10 51	2 7	12 9	0 44	11 35	1 54	23 53	17 8	15 56	15 46	3 29			n.a.
W28	18 53	27 33	4 5	12 48	0 49	19 45	1 22	4 41	3 24	14 24	1 7	10 48	2 7	12 8	0 44	11 35	1 54	23 53	17 9	15 53	15 45	3 26			n.a.
T 29	18 38	26 41	4 38	12 10	1 4	19 25	1 22	4 41	3 26	14 20	1 7	10 45	2 7	12 7	0 44	11 35	1 54	23 54	17 9	15 50	15 44	3 22			n.a.
F 30	18 22	24 27	4 56	11 35	1 19	19 5	1 23	4 41	3 27	14 15	1 7	10 43	2 7	12 6	0 44	11 35	1 54	23 55	17 9	15 46	15 43	3 19			n.a.
S 31	18 s 6	21 s 5	4 s59	11 s 2	1n35	18 s45	1 s23	4n42	3n28	14 s10	1 s 7	10 s40	2 s 7	12 s 5	0 s44	11 s35	1n54	23n56	17n10	15n41	15n42	3 s16			n.a.

Julian Day Number = 1718866.5, Delta T = 02h56m59s
Ecliptic obliquity = 23°41'51, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°09'30, Lahiri = - 4°02'29 Julian Calendar 1 Jan. 7 BCE == Greg. Calendar 30 Dec. 008 BCE

The year -06 astronomical counting style corresponds to year 007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 7 BCE
geocentric

FEBRUARY 7 BCE (-6) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 34 30	10♒22'45	27♒51	28♒10	13♒ 7	26°R13	25♒51	8♓ 0	0♓38	5♏ 9	9°R19	12°R 3	12♉18	29♓55	n.a.	S 1
M 2	8 38 27	11°22'54	9♓56	28°49	14°22	26♍13	26° 5	8° 7	0°41	5° 9	9♍18	11♉51	12°14	0♈ 2	n.a.	M 2
T 3	8 42 24	12°23'02	21°53	29°18	15°36	26°12	26°19	8°14	0°45	5°10	9°16	11°40	12°11	0° 9	n.a.	T 3
W 4	8 46 20	13°23'07	3♈44	29°39	16°51	26°10	26°34	8°21	0°48	5°10	9°15	11°33	12° 8	0°16	n.a.	W 4
T 5	8 50 17	14°23'09	15°32	29°50	18° 6	26° 8	26°48	8°28	0°51	5°10	9°13	11°28	12° 5	0°22	n.a.	T 5
F 6	8 54 13	15°23'10	27°21	29°R52	19°21	26° 4	27° 2	8°35	0°54	5°10	9°12	11°26	12° 2	0°29	n.a.	F 6
S 7	8 58 10	16°23'08	9♉16	29°45	20°36	26° 0	27°17	8°43	0°58	5°R10	9°10	11°26	11°59	0°36	n.a.	S 7
S 8	9 2 6	17°23'04	21°24	29°29	21°50	25°55	27°31	8°50	1° 1	5°10	9° 9	11°26	11°55	0°42	n.a.	S 8
M 9	9 6 3	18°22'58	3♊48	29° 5	23° 5	25°50	27°45	8°57	1° 5	5°10	9° 7	11°25	11°52	0°49	n.a.	M 9
T 10	9 9 59	19°22'50	16°36	28°32	24°20	25°43	28° 0	9° 4	1° 8	5°10	9° 6	11°23	11°49	0°56	n.a.	T 10
W11	9 13 56	20°22'39	29°49	27°54	25°34	25°36	28°14	9°12	1°11	5°10	9° 4	11°18	11°46	1° 2	n.a.	W11
T 12	9 17 52	21°22'26	13♋32	27° 9	26°49	25°28	28°29	9°19	1°15	5° 9	9° 3	11°10	11°43	1° 9	n.a.	T 12
F 13	9 21 49	22°22'11	27°43	26°19	28° 4	25°19	28°43	9°26	1°18	5° 9	9° 1	11° 1	11°40	1°16	n.a.	F 13
S 14	9 25 46	23°21'53	12♌19	25°26	29°18	25°10	28°58	9°34	1°21	5° 9	8°59	10°49	11°36	1°22	n.a.	S 14
S 15	9 29 42	24°21'34	27°13	24°30	0♓33	24°59	29°12	9°41	1°25	5° 9	8°58	10°38	11°33	1°29	n.a.	S 15
M16	9 33 39	25°21'12	12♍16	23°33	1°48	24°48	29°27	9°49	1°28	5° 9	8°56	10°28	11°30	1°36	n.a.	M16
T 17	9 37 35	26°20'48	27°18	22°37	3° 2	24°37	29°41	9°56	1°32	5° 8	8°55	10°20	11°27	1°42	n.a.	T 17
W18	9 41 32	27°20'22	12♎10	21°41	4°17	24°24	29°55	10° 4	1°35	5° 8	8°53	10°15	11°24	1°49	n.a.	W18
T 19	9 45 28	28°19'54	26°46	20°48	5°31	24°11	0♓10	10°11	1°39	5° 8	8°51	10°12	11°20	1°56	n.a.	T 19
F 20	9 49 25	29°19'25	11♏ 1	19°58	6°46	23°57	0°24	10°19	1°42	5° 7	8°50	10°D12	11°17	2° 2	n.a.	F 20
S 21	9 53 21	0♓18'53	24°55	19°13	8° 0	23°42	0°39	10°26	1°45	5° 7	8°48	10°R12	11°14	2° 9	n.a.	S 21
S 22	9 57 18	1°18'20	8♐28	18°32	9°15	23°27	0°53	10°34	1°49	5° 6	8°47	10°12	11°11	2°16	n.a.	S 22
M23	10 1 15	2°17'45	21°42	17°56	10°29	23°11	1° 8	10°41	1°52	5° 6	8°45	10°10	11° 8	2°22	n.a.	M23
T 24	10 5 11	3°17'09	4♑40	17°26	11°44	22°54	1°22	10°49	1°56	5° 5	8°43	10° 6	11° 5	2°29	n.a.	T 24
W25	10 9 8	4°16'30	17°24	17° 2	12°58	22°37	1°37	10°56	1°59	5° 5	8°42	9°59	11° 1	2°36	n.a.	W25
T 26	10 13 4	5°15'49	29°56	16°44	14°13	22°19	1°51	11° 4	2° 3	5° 4	8°40	9°50	10°58	2°42	n.a.	T 26
F 27	10 17 1	6°15'07	12♒18	16°32	15°27	22° 0	2° 6	11°12	2° 6	5° 3	8°38	9°39	10°55	2°49	n.a.	F 27
S 28	10 20 57	7♓14'22	24♒30	16♒25	16♓41	21♍41	2♓20	11♓19	2♓ 9	5♏ 3	8♍37	9♉27	10♉52	2♈56	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s50	16s51	4s48	10s31	1n50	18s24	1s24	4n42	3n29	14s 5	1s 7	10s37	2s 7	12s 3	0s44	11s35	1n54	23n57	17n10	15n37	15n42	3s13		n.a.
M 2	17 33	12 0	4 25	10 4	2 5	18 3	1 24	4 44	3 30	14 0	1 7	10 34	2 7	12 2	0 44	11 35	1 54	23 58	17 10	15 33	15 41	3 9		n.a.
T 3	17 16	6 46	3 50	9 40	2 20	17 41	1 25	4 45	3 31	13 55	1 6	10 32	2 7	12 1	0 44	11 35	1 55	23 58	17 11	15 30	15 40	3 6		n.a.
W 4	16 59	1 20	3 5	9 19	2 34	17 18	1 25	4 47	3 32	13 50	1 6	10 29	2 7	12 0	0 44	11 35	1 55	23 59	17 11	15 28	15 39	3 3		n.a.
T 5	16 42	4n 9	2 12	9 3	2 47	16 55	1 25	4 49	3 33	13 45	1 6	10 26	2 7	11 59	0 44	11 35	1 55	24 0	17 11	15 26	15 38	2 59		n.a.
F 6	16 24	9 29	1 14	8 50	3 0	16 32	1 26	4 51	3 34	13 40	1 6	10 23	2 7	11 57	0 44	11 35	1 55	24 1	17 11	15 26	15 37	2 56		n.a.
S 7	16 6	14 33	0 11	8 42	3 11	16 8	1 26	4 54	3 35	13 35	1 6	10 21	2 7	11 56	0 44	11 35	1 55	24 2	17 12	15 25	15 36	2 53		n.a.
S 8	15 47	19 9	0n53	8 38	3 22	15 44	1 26	4 56	3 36	13 30	1 6	10 18	2 7	11 55	0 44	11 35	1 55	24 3	17 12	15 25	15 35	2 50		n.a.
M 9	15 29	23 2	1 56	8 38	3 30	15 19	1 26	5 0	3 37	13 25	1 7	10 15	2 7	11 54	0 44	11 35	1 55	24 3	17 12	15 25	15 34	2 46		n.a.
T 10	15 10	25 55	2 55	8 43	3 37	14 54	1 26	5 3	3 38	13 20	1 7	10 12	2 7	11 53	0 44	11 35	1 55	24 4	17 12	15 24	15 33	2 43		n.a.
W11	14 51	27 28	3 46	8 51	3 43	14 29	1 26	5 7	3 39	13 15	1 7	10 9	2 6	11 51	0 44	11 35	1 55	24 5	17 13	15 23	15 32	2 40		n.a.
T 12	14 32	27 26	4 27	9 3	3 46	14 3	1 26	5 10	3 40	13 10	1 7	10 7	2 6	11 50	0 44	11 35	1 55	24 6	17 13	15 21	15 31	2 36		n.a.
F 13	14 12	25 37	4 53	9 19	3 48	13 36	1 25	5 15	3 40	13 5	1 7	10 4	2 6	11 49	0 44	11 34	1 55	24 7	17 13	15 17	15 30	2 33		n.a.
S 14	13 53	22 5	5 1	9 37	3 47	13 10	1 25	5 19	3 41	13 0	1 7	10 1	2 6	11 48	0 44	11 34	1 55	24 8	17 13	15 14	15 29	2 30		n.a.
S 15	13 33	17 5	4 49	9 58	3 44	12 43	1 25	5 24	3 42	12 55	1 7	9 58	2 6	11 46	0 44	11 34	1 55	24 8	17 14	15 10	15 28	2 27		n.a.
M16	13 12	10 58	4 16	10 21	3 40	12 16	1 24	5 29	3 42	12 50	1 7	9 55	2 6	11 45	0 44	11 34	1 55	24 9	17 14	15 7	15 27	2 23		n.a.
T 17	12 52	4 14	3 26	10 46	3 33	11 48	1 24	5 34	3 43	12 45	1 7	9 52	2 6	11 44	0 44	11 34	1 55	24 10	17 14	15 5	15 26	2 20		n.a.
W18	12 32	2s40	2 23	11 12	3 25	11 20	1 23	5 39	3 43	12 39	1 7	9 49	2 6	11 43	0 44	11 34	1 55	24 11	17 14	15 3	15 25	2 17		n.a.
T 19	12 11	9 20	1 11	11 38	3 15	10 52	1 23	5 45	3 44	12 34	1 7	9 47	2 6	11 41	0 44	11 34	1 55	24 11	17 14	15 2	15 24	2 13		n.a.
F 20	11 50	15 22	0s 4	12 4	3 4	10 23	1 22	5 51	3 44	12 29	1 7	9 44	2 6	11 40	0 44	11 33	1 56	24 12	17 14	15 2	15 23	2 10		n.a.
S 21	11 29	20 27	1 17	12 30	2 52	9 55	1 21	5 57	3 44	12 24	1 7	9 41	2 6	11 39	0 44	11 33	1 56	24 13	17 14	15 2	15 22	2 7		n.a.
S 22	11 8	24 20	2 24	12 55	2 39	9 26	1 20	6 3	3 44	12 19	1 7	9 38	2 6	11 38	0 44	11 33	1 56	24 14	17 15	15 2	15 21	2 3		n.a.
M23	10 46	26 47	3 22	13 19	2 26	8 56	1 20	6 10	3 44	12 14	1 7	9 35	2 6	11 37	0 44	11 33	1 56	24 14	17 15	15 2	15 20	2 0		n.a.
T 24	10 25	27 44	4 7	13 42	2 11	8 27	1 19	6 17	3 45	12 8	1 7	9 32	2 6	11 35	0 44	11 32	1 56	24 15	17 15	15 0	15 19	1 57		n.a.
W25	10 3	27 11	4 40	14 3	1 57	7 57	1 18	6 23	3 44	12 3	1 7	9 29	2 6	11 34	0 44	11 32	1 56	24 16	17 15	14 58	15 18	1 53		n.a.
T 26	9 41	25 14	4 58	14 23	1 42	7 27	1 17	6 31	3 44	11 58	1 7	9 26	2 6	11 33	0 44	11 32	1 56	24 17	17 15	14 55	15 17	1 50		n.a.
F 27	9 19	22 7	5 2	14 40	1 27	6 57	1 16	6 38	3 44	11 53	1 7	9 23	2 6	11 32	0 44	11 32	1 56	24 17	17 15	14 52	15 16	1 47		n.a.
S 28	8s57	18s 5	4s53	14s57	1n12	6s27	1s14	6n45	3n44	11s48	1s 7	9s20	2s 6	11s30	0s44	11s31	1n56	24n18	17n15	14n48	15n15	1s43		n.a.

Julian Day Number = 1718897.5, Delta T = 02h56m58s
Ecliptic obliquity = 23°41'51, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°09'26, Lahiri = - 4°02'25 Julian Calendar 1 Feb. 7 BCE == Greg. Calendar 30 Jan. 007 BCE

The year -06 astronomical counting style corresponds to year 007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 7 BCE
geocentric

MARCH 7 BCE (-6) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 24 54	8♓13'35	6♓35	16°D25	17♓56	21°R21	2♓35	11♓27	2♓13	5°R 2	8°R35	9°R15	10♉49	3♈ 2	n.a.	S 1
M 2	10 28 50	9°12'46	18°33	16♒30	19°10	21♍ 1	2°49	11°34	2°16	5♏ 1	8♍33	9♉ 5	10°46	3° 9	n.a.	M 2
T 3	10 32 47	10°11'55	0♈25	16°40	20°24	20°41	3° 4	11°42	2°20	5° 1	8°32	8°56	10°42	3°16	n.a.	T 3
W 4	10 36 44	11°11'01	12°13	16°55	21°39	20°20	3°18	11°49	2°23	5° 0	8°30	8°50	10°39	3°22	n.a.	W 4
T 5	10 40 40	12°10'06	24° 0	17°16	22°53	19°58	3°32	11°57	2°26	4°59	8°28	8°46	10°36	3°29	n.a.	T 5
F 6	10 44 37	13° 9'08	5♉50	17°41	24° 7	19°37	3°47	12° 5	2°30	4°58	8°27	8°D45	10°33	3°36	n.a.	F 6
S 7	10 48 33	14° 8'08	17°46	18°10	25°21	19°15	4° 1	12°12	2°33	4°57	8°25	8°45	10°30	3°42	n.a.	S 7
S 8	10 52 30	15° 7'05	29°52	18°44	26°35	18°52	4°16	12°20	2°37	4°57	8°23	8°46	10°26	3°49	n.a.	S 8
M 9	10 56 26	16° 6'00	12♊15	19°22	27°50	18°30	4°30	12°27	2°40	4°56	8°22	8°R47	10°23	3°56	n.a.	M 9
T 10	11 0 23	17° 4'53	24°59	20° 4	29° 4	18° 7	4°44	12°35	2°43	4°55	8°20	8°47	10°20	4° 3	n.a.	T 10
W11	11 4 19	18° 3'43	8♋ 7	20°49	0♈18	17°45	4°58	12°43	2°47	4°54	8°18	8°45	10°17	4° 9	n.a.	W11
T 12	11 8 16	19° 2'31	21°45	21°38	1°32	17°22	5°13	12°50	2°50	4°53	8°17	8°41	10°14	4°16	n.a.	T 12
F 13	11 12 13	20° 1'17	5♌51	22°30	2°46	16°59	5°27	12°58	2°53	4°52	8°15	8°35	10°11	4°23	n.a.	F 13
S 14	11 16 9	21° 0'00	20°26	23°26	4° 0	16°36	5°41	13° 5	2°57	4°51	8°14	8°28	10° 7	4°29	n.a.	S 14
S 15	11 20 6	21°58'41	5♍23	24°24	5°14	16°13	5°55	13°13	3° 0	4°50	8°12	8°21	10° 4	4°36	n.a.	S 15
M16	11 24 2	22°57'20	20°34	25°25	6°28	15°51	6°10	13°20	3° 3	4°49	8°10	8°15	10° 1	4°43	n.a.	M16
T 17	11 27 59	23°55'57	5♎50	26°28	7°42	15°28	6°24	13°28	3° 6	4°48	8° 9	8°10	9°58	4°49	n.a.	T 17
W18	11 31 55	24°54'32	20°58	27°35	8°56	15° 6	6°38	13°35	3°10	4°46	8° 7	8° 6	9°55	4°56	n.a.	W18
T 19	11 35 52	25°53'04	5♏52	28°43	10°10	14°44	6°52	13°43	3°13	4°45	8° 6	8°D 5	9°52	5° 3	n.a.	T 19
F 20	11 39 48	26°51'36	20°24	29°55	11°23	14°22	7° 6	13°50	3°16	4°44	8° 4	8° 6	9°48	5° 9	n.a.	F 20
S 21	11 43 45	27°50'05	4♐30	1♓ 8	12°37	14° 0	7°20	13°58	3°19	4°43	8° 3	8° 7	9°45	5°16	n.a.	S 21
S 22	11 47 41	28°48'33	18°12	2°24	13°51	13°39	7°34	14° 5	3°23	4°42	8° 1	8° 8	9°42	5°23	n.a.	S 22
M23	11 51 38	29°46'59	1♑29	3°42	15° 5	13°18	7°48	14°13	3°26	4°40	7°59	8°R 9	9°39	5°29	n.a.	M23
T 24	11 55 35	0♈45'24	14°25	5° 1	16°19	12°58	8° 2	14°20	3°29	4°39	7°58	8° 8	9°36	5°36	n.a.	T 24
W25	11 59 31	1°43'47	27° 2	6°23	17°32	12°38	8°16	14°28	3°32	4°38	7°56	8° 5	9°32	5°43	n.a.	W25
T 26	12 3 28	2°42'08	9♒25	7°47	18°46	12°19	8°30	14°35	3°35	4°37	7°55	8° 1	9°29	5°49	n.a.	T 26
F 27	12 7 24	3°40'27	21°36	9°13	20° 0	12° 0	8°43	14°42	3°38	4°35	7°54	7°56	9°26	5°56	n.a.	F 27
S 28	12 11 21	4°38'45	3♓38	10°41	21°13	11°41	8°57	14°50	3°41	4°34	7°52	7°50	9°23	6° 3	n.a.	S 28
S 29	12 15 17	5°37'01	15°33	12°11	22°27	11°24	9°11	14°57	3°44	4°33	7°51	7°44	9°20	6° 9	n.a.	S 29
M30	12 19 14	6°35'15	27°24	13°43	23°41	11° 6	9°24	15° 4	3°47	4°31	7°49	7°39	9°17	6°16	n.a.	M30
T 31	12 23 10	7♈33'27	9♈13	15♓16	24♈54	10♍50	9♓38	15♓12	3♓50	4♏30	7♍48	7♉34	9♉13	6♈23	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	8s34	13s21	4s30	15s11	0n57	5s57	1s13	6n53	3n43	11s42	1s 7	9s17	2s 6	11s29	0s44	11s31	1n56	24n19	17n15	14n44	15n14	1s40			n.a.
M 2	8 12	8 10	3 55	15 23	0 43	5 26	1 12	7 0	3 43	11 37	1 7	9 15	2 6	11 28	0 44	11 31	1 56	24 20	17 15	14 41	15 13	1 37			n.a.
T 3	7 50	2 44	3 10	15 33	0 29	4 55	1 11	7 8	3 42	11 32	1 7	9 12	2 6	11 27	0 44	11 31	1 56	24 20	17 15	14 38	15 12	1 34			n.a.
W 4	7 27	2n47	2 17	15 42	0 15	4 24	1 9	7 16	3 42	11 27	1 7	9 9	2 6	11 25	0 44	11 30	1 56	24 21	17 15	14 36	15 11	1 30			n.a.
T 5	7 4	8 12	1 18	15 48	0 2	3 53	1 8	7 23	3 41	11 22	1 7	9 6	2 6	11 24	0 44	11 30	1 56	24 22	17 15	14 35	15 10	1 27			n.a.
F 6	6 41	13 22	0 16	15 53	0s11	3 22	1 6	7 31	3 40	11 16	1 7	9 3	2 6	11 23	0 44	11 30	1 56	24 22	17 15	14 34	15 9	1 24			n.a.
S 7	6 18	18 5	0n48	15 55	0 24	2 51	1 5	7 39	3 39	11 11	1 7	9 0	2 7	11 22	0 44	11 29	1 56	24 23	17 15	14 34	15 8	1 20			n.a.
S 8	5 55	22 9	1 51	15 56	0 36	2 20	1 3	7 47	3 38	11 6	1 7	8 57	2 7	11 20	0 44	11 29	1 56	24 23	17 15	14 35	15 7	1 17			n.a.
M 9	5 32	25 19	2 50	15 55	0 47	1 49	1 1	7 55	3 37	11 1	1 8	8 54	2 7	11 19	0 44	11 29	1 56	24 24	17 15	14 35	15 6	1 14			n.a.
T 10	5 9	27 19	3 43	15 52	0 58	1 17	1 0	8 3	3 36	10 55	1 8	8 51	2 7	11 18	0 44	11 28	1 56	24 25	17 15	14 35	15 5	1 10			n.a.
W11	4 46	27 51	4 25	15 47	1 8	0 46	0 58	8 11	3 34	10 50	1 8	8 48	2 7	11 17	0 44	11 28	1 57	24 25	17 15	14 34	15 4	1 7			n.a.
T 12	4 23	26 46	4 55	15 40	1 18	0 14	0 56	8 18	3 33	10 45	1 8	8 46	2 7	11 16	0 44	11 28	1 57	24 26	17 15	14 33	15 3	1 4			n.a.
F 13	4 0	23 58	5 7	15 31	1 27	0n17	0 54	8 26	3 31	10 40	1 8	8 43	2 7	11 14	0 44	11 27	1 57	24 26	17 15	14 31	15 2	1 0			n.a.
S 14	3 36	19 35	5 1	15 21	1 35	0 48	0 52	8 33	3 30	10 35	1 8	8 40	2 7	11 13	0 44	11 27	1 57	24 27	17 15	14 29	15 1	0 57			n.a.
S 15	3 13	13 53	4 35	15 9	1 43	1 20	0 50	8 41	3 28	10 29	1 8	8 37	2 7	11 12	0 44	11 26	1 57	24 27	17 15	14 26	15 0	0 54			n.a.
M16	2 50	7 16	3 48	14 55	1 50	1 51	0 48	8 48	3 26	10 24	1 8	8 34	2 7	11 11	0 44	11 26	1 57	24 28	17 15	14 24	14 59	0 50			n.a.
T 17	2 26	0 11	2 46	14 40	1 57	2 23	0 46	8 55	3 24	10 19	1 8	8 31	2 7	11 10	0 44	11 26	1 57	24 29	17 15	14 23	14 58	0 47			n.a.
W18	2 3	6s52	1 31	14 22	2 4	2 54	0 44	9 2	3 22	10 14	1 8	8 28	2 7	11 9	0 44	11 25	1 57	24 29	17 14	14 22	14 57	0 44			n.a.
T 19	1 39	13 26	0 12	14 4	2 9	3 25	0 42	9 9	3 20	10 8	1 8	8 25	2 7	11 7	0 44	11 25	1 57	24 30	17 14	14 21	14 56	0 40			n.a.
F 20	1 16	19 6	1s 6	13 43	2 14	3 56	0 40	9 16	3 18	10 3	1 8	8 23	2 7	11 6	0 44	11 24	1 57	24 30	17 14	14 21	14 55	0 37			n.a.
S 21	0 52	23 32	2 19	13 21	2 19	4 27	0 38	9 22	3 16	9 58	1 8	8 20	2 7	11 5	0 44	11 24	1 57	24 31	17 14	14 22	14 54	0 34			n.a.
S 22	0 29	26 30	3 21	12 57	2 23	4 58	0 36	9 28	3 14	9 53	1 9	8 17	2 7	11 4	0 44	11 23	1 57	24 31	17 14	14 22	14 53	0 30			n.a.
M23	0 5	27 51	4 10	12 32	2 26	5 29	0 33	9 34	3 11	9 48	1 9	8 14	2 7	11 3	0 44	11 23	1 57	24 31	17 14	14 22	14 52	0 27			n.a.
T 24	0n18	27 38	4 45	12 5	2 29	6 0	0 31	9 40	3 9	9 43	1 9	8 11	2 8	11 2	0 44	11 22	1 57	24 32	17 14	14 22	14 51	0 24			n.a.
W25	0 42	25 58	5 5	11 36	2 32	6 31	0 29	9 45	3 7	9 37	1 9	8 8	2 8	11 0	0 44	11 22	1 57	24 32	17 13	14 21	14 50	0 20			n.a.
T 26	1 5	23 5	5 11	11 6	2 33	7 1	0 27	9 51	3 4	9 32	1 9	8 6	2 8	10 59	0 44	11 22	1 57	24 33	17 13	14 20	14 48	0 17			n.a.
F 27	1 29	19 13	5 2	10 35	2 34	7 32	0 24	9 56	3 2	9 27	1 9	8 3	2 8	10 58	0 44	11 21	1 57	24 33	17 13	14 18	14 47	0 14			n.a.
S 28	1 52	14 38	4 40	10 2	2 35	8 2	0 22	10 0	2 59	9 22	1 9	8 0	2 8	10 57	0 44	11 21	1 57	24 33	17 13	14 16	14 46	0 10			n.a.
S 29	2 15	9 32	4 6	9 27	2 35	8 32	0 19	10 5	2 56	9 17	1 9	7 57	2 8	10 56	0 44	11 20	1 57	24 34	17 12	14 14	14 45	0 7			n.a.
M30	2 39	4 8	3 22	8 51	2 35	9 2	0 17	10 9	2 54	9 12	1 9	7 55	2 8	10 55	0 45	11 20	1 57	24 34	17 12	14 13	14 44	0 4			n.a.
T 31	3n 2	1n25	2s29	8s13	2s34	9n31	0s14	10n13	2n51	9s 7	1s10	7s52	2s 8	10s54	0s45	11s19	1n57	24n34	17n12	14n11	14n43	0s 0			n.a.

Julian Day Number = 1718925.5, Delta T = 02h56m57s
Ecliptic obliquity = 23°41'52, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°09'22, Lahiri = - 4°02'21 Julian Calendar 1 March 7 BCE == Greg. Calendar 27 Feb. 007 BCE

The year -06 astronomical counting style corresponds to year 007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 7 BCE
geocentric

APRIL 7 BCE (-6) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 27 7	8♈31'37	21♈ 1	16♓52	26♈ 8	10°R34	9♓52	15♓19	3♓53	4°R28	7°R46	7°R32	9♉10	6♈29	n.a.	W 1
T 2	12 31 4	9°29'46	2♉51	18°29	27°21	10♍19	10° 5	15°26	3°56	4♏27	7♍45	7°D30	9° 7	6°36	n.a.	T 2
F 3	12 35 0	10°27'53	14°45	20° 8	28°35	10° 5	10°19	15°33	3°59	4°26	7°44	7♉31	9° 4	6°43	n.a.	F 3
S 4	12 38 57	11°25'57	26°46	21°49	29°48	9°51	10°32	15°40	4° 2	4°24	7°42	7°32	9° 1	6°49	n.a.	S 4
S 5	12 42 53	12°24'00	8♊58	23°32	1♉ 2	9°38	10°45	15°47	4° 5	4°23	7°41	7°33	8°57	6°56	n.a.	S 5
M 6	12 46 50	13°22'01	21°24	25°16	2°15	9°26	10°59	15°54	4° 8	4°21	7°40	7°35	8°54	7° 3	n.a.	M 6
T 7	12 50 46	14°20'00	4♋ 8	27° 3	3°29	9°15	11°12	16° 1	4°11	4°20	7°39	7°36	8°51	7° 9	n.a.	T 7
W 8	12 54 43	15°17'58	17°13	28°51	4°42	9° 4	11°25	16° 8	4°13	4°18	7°37	7°R36	8°48	7°16	n.a.	W 8
T 9	12 58 39	16°15'53	0♌44	0♈42	5°55	8°55	11°38	16°15	4°16	4°17	7°36	7°36	8°45	7°23	n.a.	T 9
F 10	13 2 36	17°13'46	14°40	2°34	7° 9	8°46	11°51	16°22	4°19	4°15	7°35	7°34	8°42	7°29	n.a.	F 10
S 11	13 6 33	18°11'37	29° 3	4°27	8°22	8°38	12° 4	16°29	4°21	4°14	7°34	7°32	8°38	7°36	n.a.	S 11
S 12	13 10 29	19° 9'27	13♍49	6°23	9°35	8°30	12°17	16°36	4°24	4°12	7°33	7°30	8°35	7°43	n.a.	S 12
M13	13 14 26	20° 7'14	28°51	8°21	10°48	8°24	12°30	16°43	4°27	4°10	7°31	7°27	8°32	7°49	n.a.	M13
T 14	13 18 22	21° 5'00	14♎ 3	10°20	12° 1	8°18	12°43	16°50	4°29	4° 9	7°30	7°26	8°29	7°56	n.a.	T 14
W15	13 22 19	22° 2'44	29°13	12°21	13°14	8°13	12°56	16°56	4°32	4° 7	7°29	7°25	8°26	8° 3	n.a.	W15
T 16	13 26 15	23° 0'27	14♏14	14°24	14°28	8° 9	13° 9	17° 3	4°35	4° 6	7°28	7°D25	8°23	8° 9	n.a.	T 16
F 17	13 30 12	23°58'09	28°55	16°28	15°41	8° 6	13°21	17°10	4°37	4° 4	7°27	7°26	8°19	8°16	n.a.	F 17
S 18	13 34 8	24°55'49	13♐14	18°34	16°54	8° 3	13°34	17°16	4°40	4° 3	7°26	7°27	8°16	8°23	n.a.	S 18
S 19	13 38 5	25°53'29	27° 5	20°41	18° 7	8° 2	13°46	17°23	4°42	4° 1	7°25	7°28	8°13	8°29	n.a.	S 19
M20	13 42 2	26°51'07	10♑31	22°50	19°20	8° 1	13°59	17°29	4°44	3°59	7°24	7°28	8°10	8°36	n.a.	M20
T 21	13 45 58	27°48'44	23°31	24°59	20°33	8°D 1	14°11	17°36	4°47	3°58	7°23	7°R29	8° 7	8°43	n.a.	T 21
W22	13 49 55	28°46'20	6♒10	27° 9	21°46	8° 1	14°24	17°42	4°49	3°56	7°22	7°29	8° 3	8°49	n.a.	W22
T 23	13 53 51	29°43'54	18°30	29°20	22°58	8° 3	14°36	17°48	4°51	3°55	7°22	7°28	8° 0	8°56	n.a.	T 23
F 24	13 57 48	0♉41'28	0♓37	1♉32	24°11	8° 5	14°48	17°55	4°54	3°53	7°21	7°27	7°57	9° 3	n.a.	F 24
S 25	14 1 44	1°39'01	12°34	3°43	25°24	8° 8	15° 0	18° 1	4°56	3°51	7°20	7°27	7°54	9° 9	n.a.	S 25
S 26	14 5 41	2°36'33	24°25	5°55	26°37	8°11	15°12	18° 7	4°58	3°50	7°19	7°26	7°51	9°16	n.a.	S 26
M27	14 9 37	3°34'03	6♈13	8° 5	27°50	8°16	15°24	18°13	5° 0	3°48	7°18	7°25	7°48	9°23	n.a.	M27
T 28	14 13 34	4°31'33	18° 1	10°16	29° 3	8°21	15°36	18°19	5° 2	3°46	7°18	7°25	7°44	9°29	n.a.	T 28
W29	14 17 30	5°29'01	29°52	12°25	0♊15	8°27	15°47	18°25	5° 4	3°45	7°17	7°25	7°41	9°36	n.a.	W29
T 30	14 21 27	6♉26'28	11♉48	14♉33	1♊28	8♍33	15♓59	18♓31	5♓ 6	3♏43	7♍16	7°D25	7♉38	9♈43	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3n25	6n55	1s29	7s34	2s32	10n 1	0s12	10n16	2n48	9s 2	1s10	7s49	2s 8	10s53	0s45	11s19	1n57	24n35	17n12	14n10	14n42	0n 3		n.a.
T 2	3 48	12 12	0 26	6 54	2 30	10 30	0 9	10 19	2 45	8 57	1 10	7 46	2 8	10 52	0 45	11 18	1 57	24 35	17 11	14 10	14 41	0 6		n.a.
F 3	4 11	17 4	0n40	6 12	2 27	10 59	0 7	10 22	2 42	8 52	1 10	7 44	2 9	10 51	0 45	11 18	1 57	24 35	17 11	14 10	14 40	0 10		n.a.
S 4	4 34	21 20	1 44	5 29	2 24	11 27	0 4	10 25	2 40	8 46	1 10	7 41	2 9	10 50	0 45	11 17	1 57	24 36	17 11	14 10	14 39	0 13		n.a.
S 5	4 57	24 44	2 45	4 44	2 20	11 56	0 2	10 27	2 37	8 41	1 10	7 38	2 9	10 49	0 45	11 17	1 57	24 36	17 11	14 11	14 38	0 16		n.a.
M 6	5 20	27 3	3 39	3 58	2 16	12 24	0n 1	10 29	2 34	8 36	1 10	7 36	2 9	10 48	0 45	11 16	1 57	24 36	17 10	14 11	14 37	0 20		n.a.
T 7	5 43	28 1	4 23	3 11	2 11	12 52	0 3	10 31	2 31	8 32	1 10	7 33	2 9	10 47	0 45	11 15	1 57	24 36	17 10	14 12	14 36	0 23		n.a.
W 8	6 5	27 28	4 56	2 23	2 6	13 19	0 6	10 32	2 28	8 27	1 11	7 30	2 9	10 46	0 45	11 15	1 58	24 36	17 10	14 12	14 35	0 26		n.a.
T 9	6 28	25 18	5 13	1 33	2 0	13 46	0 9	10 33	2 25	8 22	1 11	7 28	2 9	10 45	0 45	11 14	1 58	24 37	17 9	14 12	14 34	0 30		n.a.
F 10	6 50	21 35	5 13	0 42	1 54	14 13	0 11	10 34	2 22	8 17	1 11	7 25	2 9	10 44	0 45	11 14	1 58	24 37	17 9	14 11	14 33	0 33		n.a.
S 11	7 13	16 30	4 54	0n10	1 47	14 40	0 14	10 34	2 19	8 12	1 11	7 23	2 10	10 43	0 45	11 13	1 58	24 37	17 9	14 10	14 32	0 37		n.a.
S 12	7 35	10 20	4 15	1 3	1 39	15 6	0 16	10 34	2 16	8 7	1 11	7 20	2 10	10 42	0 45	11 13	1 58	24 37	17 8	14 10	14 31	0 40		n.a.
M13	7 57	3 28	3 17	1 57	1 31	15 32	0 19	10 34	2 13	8 2	1 11	7 17	2 10	10 41	0 45	11 12	1 58	24 37	17 8	14 9	14 30	0 43		n.a.
T 14	8 19	3s40	2 6	2 52	1 23	15 57	0 22	10 33	2 10	7 57	1 11	7 15	2 10	10 40	0 45	11 12	1 58	24 37	17 8	14 8	14 29	0 47		n.a.
W15	8 41	10 37	0 45	3 48	1 14	16 22	0 24	10 33	2 8	7 52	1 12	7 12	2 10	10 39	0 45	11 11	1 58	24 37	17 7	14 8	14 28	0 50		n.a.
T 16	9 2	16 53	0s38	4 44	1 5	16 47	0 27	10 32	2 5	7 48	1 12	7 10	2 10	10 38	0 45	11 11	1 58	24 38	17 7	14 8	14 27	0 53		n.a.
F 17	9 24	22 2	1 56	5 41	0 56	17 11	0 29	10 30	2 2	7 43	1 12	7 7	2 11	10 37	0 45	11 10	1 58	24 38	17 7	14 8	14 26	0 57		n.a.
S 18	9 45	25 42	3 6	6 39	0 46	17 35	0 32	10 28	1 59	7 38	1 12	7 5	2 11	10 36	0 45	11 10	1 58	24 38	17 6	14 9	14 25	1 0		n.a.
S 19	10 6	27 42	4 2	7 37	0 36	17 58	0 35	10 26	1 56	7 33	1 12	7 3	2 11	10 35	0 45	11 9	1 58	24 38	17 6	14 9	14 24	1 3		n.a.
M20	10 28	27 58	4 43	8 34	0 26	18 21	0 37	10 24	1 53	7 29	1 12	7 0	2 11	10 34	0 45	11 8	1 58	24 38	17 6	14 9	14 23	1 7		n.a.
T 21	10 48	26 40	5 8	9 32	0 15	18 43	0 40	10 22	1 50	7 24	1 12	6 58	2 11	10 34	0 45	11 8	1 58	24 38	17 5	14 9	14 22	1 10		n.a.
W22	11 9	24 3	5 17	10 30	0 5	19 5	0 42	10 19	1 48	7 19	1 13	6 55	2 11	10 33	0 45	11 7	1 58	24 38	17 5	14 9	14 21	1 13		n.a.
T 23	11 30	20 22	5 11	11 27	0n 6	19 26	0 45	10 16	1 45	7 15	1 13	6 53	2 12	10 32	0 45	11 7	1 58	24 38	17 4	14 9	14 20	1 17		n.a.
F 24	11 50	15 54	4 52	12 23	0 16	19 47	0 47	10 12	1 42	7 10	1 13	6 51	2 12	10 31	0 45	11 6	1 58	24 38	17 4	14 9	14 19	1 20		n.a.
S 25	12 10	10 54	4 20	13 19	0 27	20 8	0 50	10 9	1 39	7 6	1 13	6 48	2 12	10 30	0 45	11 6	1 58	24 38	17 3	14 9	14 18	1 23		n.a.
S 26	12 31	5 33	3 37	14 13	0 37	20 27	0 52	10 5	1 37	7 1	1 13	6 46	2 12	10 29	0 45	11 5	1 58	24 37	17 3	14 8	14 17	1 27		n.a.
M27	12 50	0 1	2 45	15 6	0 47	20 47	0 55	10 1	1 34	6 57	1 13	6 44	2 12	10 29	0 45	11 5	1 58	24 37	17 3	14 8	14 16	1 30		n.a.
T 28	13 10	5n31	1 46	15 57	0 57	21 5	0 57	9 56	1 31	6 52	1 14	6 42	2 12	10 28	0 45	11 4	1 58	24 37	17 2	14 8	14 14	1 33		n.a.
W29	13 29	10 54	0 42	16 47	1 6	21 24	0 59	9 52	1 29	6 48	1 14	6 39	2 13	10 27	0 45	11 3	1 58	24 37	17 2	14 8	14 13	1 37		n.a.
T 30	13n49	15n56	0n24	17n34	1n15	21n41	1n 2	9n47	1n26	6s43	1s14	6s37	2s13	10s26	0s45	11s 3	1n58	24n37	17n 1	14n 8	14n12	1n40		n.a.

Julian Day Number = 1718956.5, Delta T = 02h56m56s
Ecliptic obliquity = 23°41'52, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°09'18, Lahiri = - 4°02'17 Julian Calendar 1 Apr. 7 BCE == Greg. Calendar 30 March 007 BCE

The year -06 astronomical counting style corresponds to year 007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 7 BCE
geocentric

MAY 7 BCE (-6) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 25 24	7♉23'55	23♉52	16♉39	2♊41	8♍41	16♓11	18♓37	5♓ 8	3°R42	7°R16	7°R25	7♉35	9♈49	n.a.	F 1
S 2	14 29 20	8°21'20	6♊ 4	18°44	3°53	8°48	16°22	18°43	5°10	3♏40	7♍15	7♉25	7°32	9°56	n.a.	S 2
S 3	14 33 17	9°18'44	18°28	20°47	5° 6	8°57	16°33	18°49	5°12	3°38	7°15	7°25	7°29	10° 3	n.a.	S 3
M 4	14 37 13	10°16'07	1♋ 4	22°48	6°18	9° 6	16°45	18°54	5°14	3°37	7°14	7°25	7°25	10° 9	n.a.	M 4
T 5	14 41 10	11°13'29	13°57	24°47	7°31	9°16	16°56	19° 0	5°16	3°35	7°13	7°24	7°22	10°16	n.a.	T 5
W 6	14 45 6	12°10'50	27° 6	26°43	8°43	9°27	17° 7	19° 6	5°18	3°33	7°13	7°24	7°19	10°23	n.a.	W 6
T 7	14 49 3	13° 8'09	10♌35	28°37	9°56	9°38	17°18	19°11	5°20	3°32	7°13	7°D24	7°16	10°29	n.a.	T 7
F 8	14 53 0	14° 5'27	24°24	0♊29	11° 8	9°50	17°29	19°17	5°21	3°30	7°12	7°24	7°13	10°36	n.a.	F 8
S 9	14 56 56	15° 2'44	8♍34	2°19	12°21	10° 3	17°40	19°22	5°23	3°29	7°12	7°24	7° 9	10°43	n.a.	S 9
S 10	15 0 53	16° 0'00	23° 2	4° 5	13°33	10°16	17°50	19°27	5°25	3°27	7°11	7°25	7° 6	10°49	n.a.	S 10
M11	15 4 49	16°57'15	7♎46	5°49	14°45	10°29	18° 1	19°33	5°26	3°26	7°11	7°26	7° 3	10°56	n.a.	M11
T 12	15 8 46	17°54'28	22°39	7°31	15°57	10°43	18°12	19°38	5°28	3°24	7°11	7°26	7° 0	11° 2	n.a.	T 12
W13	15 12 42	18°51'41	7♏36	9°10	17°10	10°58	18°22	19°43	5°29	3°22	7°10	7°R26	6°57	11° 9	n.a.	W13
T 14	15 16 39	19°48'54	22°27	10°46	18°22	11°14	18°32	19°48	5°31	3°21	7°10	7°26	6°54	11°16	n.a.	T 14
F 15	15 20 35	20°46'05	7♐ 6	12°20	19°34	11°29	18°42	19°53	5°32	3°19	7°10	7°25	6°50	11°22	n.a.	F 15
S 16	15 24 32	21°43'17	21°26	13°51	20°46	11°46	18°53	19°58	5°34	3°18	7°10	7°24	6°47	11°29	n.a.	S 16
S 17	15 28 29	22°40'27	5♑22	15°19	21°58	12° 3	19° 3	20° 3	5°35	3°16	7°10	7°22	6°44	11°36	n.a.	S 17
M18	15 32 25	23°37'38	18°53	16°45	23°10	12°20	19°12	20° 7	5°36	3°15	7°10	7°20	6°41	11°42	n.a.	M18
T 19	15 36 22	24°34'48	1♒59	18° 7	24°22	12°38	19°22	20°12	5°37	3°13	7°10	7°18	6°38	11°49	n.a.	T 19
W20	15 40 18	25°31'58	14°41	19°27	25°34	12°56	19°32	20°17	5°39	3°12	7°10	7°17	6°35	11°56	n.a.	W20
T 21	15 44 15	26°29'07	27° 3	20°44	26°46	13°15	19°41	20°21	5°40	3°10	7°D10	7°D17	6°31	12° 2	n.a.	T 21
F 22	15 48 11	27°26'17	9♓10	21°59	27°58	13°35	19°51	20°26	5°41	3° 9	7°10	7°17	6°28	12° 9	n.a.	F 22
S 23	15 52 8	28°23'26	21° 6	23°10	29°10	13°55	20° 0	20°30	5°42	3° 8	7°10	7°18	6°25	12°16	n.a.	S 23
S 24	15 56 4	29°20'35	2♈56	24°18	0♋21	14°15	20° 9	20°34	5°43	3° 6	7°10	7°20	6°22	12°22	n.a.	S 24
M25	16 0 1	0♊17'44	14°44	25°24	1°33	14°36	20°18	20°39	5°44	3° 5	7°10	7°21	6°19	12°29	n.a.	M25
T 26	16 3 58	1°14'53	26°34	26°26	2°45	14°57	20°27	20°43	5°45	3° 3	7°10	7°22	6°15	12°36	n.a.	T 26
W27	16 7 54	2°12'02	8♉30	27°25	3°56	15°18	20°36	20°47	5°46	3° 2	7°10	7°R23	6°12	12°42	n.a.	W27
T 28	16 11 51	3° 9'10	20°35	28°20	5° 8	15°40	20°44	20°51	5°46	3° 1	7°10	7°22	6° 9	12°49	n.a.	T 28
F 29	16 15 47	4° 6'19	2♊51	29°12	6°20	16° 3	20°53	20°54	5°47	2°59	7°11	7°20	6° 6	12°56	n.a.	F 29
S 30	16 19 44	5° 3'27	15°20	0♋ 1	7°31	16°26	21° 1	20°58	5°48	2°58	7°11	7°17	6° 3	13° 2	n.a.	S 30
S 31	16 23 40	6♊ 0'36	28♊ 1	0♋46	8♋43	16♍49	21♓ 9	21♓ 2	5♓49	2♏57	7♍11	7♉13	6♉ 0	13♈ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n 8	20n24	1n30	18n19	1n23	21n58	1n 4	9n41	1n23	6s39	1s14	6s35	2s13	10s26	0s45	11s 2	1n58	24n37	17n 1	14n 8	14n11	1n44		n.a.
S 2	14 27	24 3	2 33	19 2	1 31	22 14	1 6	9 36	1 21	6 35	1 14	6 33	2 13	10 25	0 45	11 2	1 58	24 37	17 0	14 8	14 10	1 47		n.a.
S 3	14 45	26 39	3 29	19 43	1 38	22 30	1 9	9 30	1 18	6 30	1 15	6 31	2 13	10 24	0 45	11 1	1 58	24 36	17 0	14 8	14 9	1 50		n.a.
M 4	15 3	27 57	4 16	20 21	1 45	22 45	1 11	9 25	1 16	6 26	1 15	6 29	2 14	10 24	0 45	11 1	1 58	24 36	16 59	14 8	14 8	1 54		n.a.
T 5	15 22	27 47	4 51	20 57	1 51	23 0	1 13	9 19	1 13	6 22	1 15	6 27	2 14	10 23	0 45	11 0	1 58	24 36	16 59	14 8	14 7	1 57		n.a.
W 6	15 39	26 4	5 12	21 31	1 56	23 14	1 15	9 12	1 11	6 18	1 15	6 25	2 14	10 22	0 46	11 0	1 58	24 36	16 59	14 8	14 6	2 0		n.a.
T 7	15 57	22 51	5 17	22 1	2 0	23 27	1 17	9 6	1 9	6 13	1 15	6 23	2 14	10 22	0 46	10 59	1 58	24 35	16 58	14 8	14 5	2 4		n.a.
F 8	16 14	18 17	5 3	22 29	2 4	23 40	1 19	8 59	1 6	6 9	1 16	6 21	2 14	10 21	0 46	10 59	1 58	24 35	16 58	14 8	14 4	2 7		n.a.
S 9	16 31	12 38	4 32	22 55	2 7	23 52	1 21	8 52	1 4	6 5	1 16	6 19	2 15	10 21	0 46	10 58	1 58	24 35	16 57	14 8	14 3	2 10		n.a.
S 10	16 48	6 11	3 42	23 18	2 9	24 3	1 23	8 45	1 1	6 1	1 16	6 17	2 15	10 20	0 46	10 58	1 58	24 35	16 57	14 8	14 2	2 14		n.a.
M11	17 5	0s42	2 37	23 39	2 11	24 14	1 25	8 38	0 59	5 57	1 16	6 15	2 15	10 19	0 46	10 57	1 58	24 34	16 56	14 8	14 1	2 17		n.a.
T 12	17 21	7 39	1 21	23 58	2 11	24 23	1 27	8 30	0 57	5 53	1 16	6 13	2 15	10 19	0 46	10 57	1 58	24 34	16 56	14 8	14 0	2 20		n.a.
W13	17 37	14 12	0s 1	24 14	2 11	24 33	1 29	8 22	0 55	5 49	1 17	6 11	2 16	10 18	0 46	10 56	1 57	24 34	16 55	14 9	13 59	2 24		n.a.
T 14	17 53	19 54	1 22	24 28	2 11	24 41	1 31	8 14	0 52	5 45	1 17	6 9	2 16	10 18	0 46	10 56	1 57	24 33	16 55	14 8	13 58	2 27		n.a.
F 15	18 8	24 19	2 37	24 39	2 9	24 49	1 32	8 6	0 50	5 42	1 17	6 8	2 16	10 17	0 46	10 55	1 57	24 33	16 54	14 8	13 57	2 31		n.a.
S 16	18 23	27 5	3 40	24 49	2 7	24 56	1 34	7 58	0 48	5 38	1 17	6 6	2 16	10 17	0 46	10 55	1 57	24 32	16 54	14 8	13 56	2 34		n.a.
S 17	18 38	28 3	4 28	24 56	2 4	25 2	1 35	7 49	0 46	5 34	1 17	6 4	2 16	10 16	0 46	10 54	1 57	24 32	16 53	14 7	13 55	2 37		n.a.
M18	18 53	27 18	5 0	25 2	2 1	25 8	1 37	7 41	0 44	5 30	1 18	6 3	2 17	10 16	0 46	10 54	1 57	24 32	16 53	14 6	13 53	2 41		n.a.
T 19	19 7	25 2	5 15	25 6	1 56	25 13	1 38	7 32	0 42	5 27	1 18	6 1	2 17	10 16	0 46	10 53	1 57	24 31	16 52	14 6	13 52	2 44		n.a.
W20	19 21	21 35	5 13	25 8	1 51	25 17	1 40	7 23	0 40	5 23	1 18	5 59	2 17	10 15	0 46	10 53	1 57	24 31	16 52	14 5	13 51	2 47		n.a.
T 21	19 35	17 16	4 57	25 8	1 46	25 20	1 41	7 14	0 38	5 19	1 18	5 58	2 17	10 15	0 46	10 52	1 57	24 30	16 51	14 5	13 50	2 51		n.a.
F 22	19 48	12 21	4 28	25 6	1 39	25 23	1 42	7 4	0 35	5 16	1 19	5 56	2 18	10 14	0 46	10 52	1 57	24 30	16 51	14 5	13 49	2 54		n.a.
S 23	20 1	7 3	3 48	25 3	1 32	25 25	1 43	6 55	0 34	5 13	1 19	5 55	2 18	10 14	0 46	10 51	1 57	24 29	16 50	14 6	13 48	2 57		n.a.
S 24	20 14	1 33	2 59	24 59	1 25	25 26	1 45	6 45	0 32	5 9	1 19	5 53	2 18	10 14	0 46	10 51	1 57	24 29	16 50	14 6	13 47	3 1		n.a.
M25	20 26	4n 0	2 2	24 53	1 16	25 27	1 46	6 35	0 30	5 6	1 19	5 52	2 18	10 13	0 46	10 50	1 57	24 28	16 49	14 7	13 46	3 4		n.a.
T 26	20 38	9 26	0 59	24 46	1 7	25 27	1 47	6 25	0 28	5 2	1 20	5 50	2 19	10 13	0 46	10 50	1 57	24 28	16 49	14 7	13 45	3 8		n.a.
W27	20 50	14 35	0n 6	24 38	0 58	25 26	1 48	6 15	0 26	4 59	1 20	5 49	2 19	10 13	0 46	10 49	1 57	24 27	16 48	14 7	13 44	3 11		n.a.
T 28	21 1	19 15	1 12	24 29	0 48	25 24	1 48	6 4	0 24	4 56	1 20	5 48	2 19	10 13	0 46	10 49	1 57	24 27	16 48	14 7	13 43	3 14		n.a.
F 29	21 12	23 10	2 15	24 19	0 37	25 22	1 49	5 54	0 22	4 53	1 20	5 46	2 19	10 12	0 46	10 49	1 57	24 26	16 47	14 7	13 42	3 18		n.a.
S 30	21 22	26 5	3 13	24 7	0 25	25 18	1 50	5 43	0 20	4 50	1 21	5 45	2 20	10 12	0 46	10 48	1 57	24 26	16 47	14 5	13 41	3 21		n.a.
S 31	21n33	27n44	4n 3	23n55	0n14	25n15	1n50	5n32	0n18	4s47	1s21	5s44	2s20	10s12	0s46	10s48	1n57	24n25	16n46	14n 4	13n40	3n24		n.a.

Julian Day Number = 1718986.5, Delta T = 02h56m55s
Ecliptic obliquity = 23°41'52, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°09'13, Lahiri = - 4°02'13 Julian Calendar 1 May 7 BCE == Greg. Calendar 29 Apr. 007 BCE

The year -06 astronomical counting style corresponds to year 007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 7 BCE
geocentric

JUNE 7 BCE (-6) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 27 37	6♊57'44	10♋57	1♋27	9♋54	17♍13	21♓18	21♓ 6	5♓49	2°R55	7♍12	7°R 8	5♉56	13♈16	n.a.	M 1
T 2	16 31 33	7°54'52	24° 6	2° 5	11° 5	17°37	21°26	21° 9	5°50	2♏54	7°12	7♉ 4	5°53	13°22	n.a.	T 2
W 3	16 35 30	8°52'00	7♌29	2°38	12°17	18° 1	21°33	21°13	5°50	2°53	7°13	7° 0	5°50	13°29	n.a.	W 3
T 4	16 39 27	9°49'07	21° 5	3° 7	13°28	18°26	21°41	21°16	5°51	2°52	7°13	6°57	5°47	13°36	n.a.	T 4
F 5	16 43 23	10°46'14	4♍55	3°32	14°39	18°51	21°49	21°19	5°51	2°50	7°14	6°D56	5°44	13°42	n.a.	F 5
S 6	16 47 20	11°43'21	18°57	3°53	15°50	19°17	21°56	21°22	5°52	2°49	7°14	6°56	5°40	13°49	n.a.	S 6
S 7	16 51 16	12°40'28	3♎11	4° 9	17° 1	19°43	22° 3	21°25	5°52	2°48	7°15	6°57	5°37	13°56	n.a.	S 7
M 8	16 55 13	13°37'34	17°34	4°20	18°12	20° 9	22°10	21°28	5°52	2°47	7°15	6°58	5°34	14° 2	n.a.	M 8
T 9	16 59 9	14°34'41	2♏ 4	4°27	19°23	20°36	22°17	21°31	5°52	2°46	7°16	6°R59	5°31	14° 9	n.a.	T 9
W10	17 3 6	15°31'47	16°37	4°R29	20°34	21° 2	22°24	21°34	5°53	2°45	7°16	6°59	5°28	14°16	n.a.	W10
T 11	17 7 3	16°28'54	1♐ 8	4°27	21°45	21°30	22°31	21°37	5°53	2°44	7°17	6°57	5°25	14°22	n.a.	T 11
F 12	17 10 59	17°26'01	15°30	4°19	22°56	21°57	22°37	21°39	5°53	2°43	7°18	6°53	5°21	14°29	n.a.	F 12
S 13	17 14 56	18°23'08	29°39	4° 7	24° 7	22°25	22°43	21°42	5°R53	2°42	7°19	6°48	5°18	14°36	n.a.	S 13
S 14	17 18 52	19°20'15	13♑29	3°51	25°17	22°53	22°50	21°44	5°53	2°41	7°19	6°41	5°15	14°42	n.a.	S 14
M15	17 22 49	20°17'23	26°58	3°30	26°28	23°22	22°56	21°46	5°53	2°40	7°20	6°34	5°12	14°49	n.a.	M15
T 16	17 26 45	21°14'32	10♒ 3	3° 5	27°39	23°50	23° 2	21°49	5°53	2°39	7°21	6°28	5° 9	14°56	n.a.	T 16
W17	17 30 42	22°11'41	22°47	2°36	28°49	24°19	23° 7	21°51	5°53	2°38	7°22	6°22	5° 6	15° 2	n.a.	W17
T 18	17 34 38	23° 8'51	5♓10	2° 3	29°59	24°49	23°13	21°53	5°52	2°37	7°23	6°19	5° 2	15° 9	n.a.	T 18
F 19	17 38 35	24° 6'02	17°18	1°28	1♌10	25°18	23°18	21°55	5°52	2°36	7°24	6°17	4°59	15°15	n.a.	F 19
S 20	17 42 32	25° 3'13	29°14	0°50	2°20	25°48	23°23	21°57	5°52	2°35	7°25	6°D17	4°56	15°22	n.a.	S 20
S 21	17 46 28	26° 0'25	11♈ 4	0°11	3°30	26°18	23°28	21°58	5°51	2°34	7°26	6°18	4°53	15°29	n.a.	S 21
M22	17 50 25	26°57'38	22°53	29♊30	4°41	26°49	23°33	22° 0	5°51	2°34	7°27	6°19	4°50	15°35	n.a.	M22
T 23	17 54 21	27°54'52	4♉46	28°48	5°51	27°19	23°38	22° 1	5°51	2°33	7°28	6°R20	4°46	15°42	n.a.	T 23
W24	17 58 18	28°52'07	16°47	28° 7	7° 1	27°50	23°42	22° 3	5°50	2°32	7°29	6°19	4°43	15°49	n.a.	W24
T 25	18 2 14	29°49'23	29° 1	27°26	8°11	28°22	23°47	22° 4	5°50	2°31	7°30	6°16	4°40	15°55	n.a.	T 25
F 26	18 6 11	0♋46'40	11♊29	26°48	9°21	28°53	23°51	22° 5	5°49	2°31	7°31	6°12	4°37	16° 2	n.a.	F 26
S 27	18 10 7	1°43'58	24°15	26°11	10°30	29°25	23°55	22° 6	5°48	2°30	7°32	6° 5	4°34	16° 9	n.a.	S 27
S 28	18 14 4	2°41'16	7♋17	25°38	11°40	29°57	23°59	22° 7	5°48	2°29	7°34	5°56	4°31	16°15	n.a.	S 28
M29	18 18 1	3°38'36	20°36	25° 8	12°50	0♎29	24° 2	22° 8	5°47	2°29	7°35	5°46	4°27	16°22	n.a.	M29
T 30	18 21 57	4♋35'56	4♌ 9	24♊43	13♌59	1♎ 1	24♓ 6	22♓ 9	5♓46	2♏28	7♍36	5♉37	4♉24	16♈29	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n42	27n54	4n41	23n42	0n 1	25n10	1n51	5n22	0n17	4s44	1s21	5s43	2s20	10s12	0s46	10s47	1n57	24n24	16n46	14n 3	13n39	3n28		n.a.
T 2	21 52	26 31	5 4	23 29	0s12	25 5	1 51	5 10	0 15	4 41	1 21	5 41	2 20	10 12	0 47	10 47	1 57	24 24	16 45	14 1	13 38	3 31		n.a.
W 3	22 1	23 37	5 12	23 15	0 25	24 59	1 52	4 59	0 13	4 38	1 22	5 40	2 21	10 11	0 47	10 46	1 57	24 23	16 44	14 0	13 37	3 34		n.a.
T 4	22 10	19 24	5 3	23 0	0 39	24 52	1 52	4 48	0 12	4 35	1 22	5 39	2 21	10 11	0 47	10 46	1 57	24 22	16 44	13 59	13 35	3 38		n.a.
F 5	22 18	14 5	4 36	22 46	0 53	24 44	1 52	4 36	0 10	4 32	1 22	5 38	2 21	10 11	0 47	10 46	1 57	24 22	16 43	13 58	13 34	3 41		n.a.
S 6	22 26	7 58	3 52	22 30	1 8	24 36	1 52	4 25	0 8	4 30	1 22	5 37	2 22	10 11	0 47	10 45	1 57	24 21	16 43	13 58	13 33	3 44		n.a.
S 7	22 34	1 23	2 54	22 15	1 23	24 27	1 52	4 13	0 7	4 27	1 23	5 36	2 22	10 11	0 47	10 45	1 57	24 20	16 42	13 59	13 32	3 48		n.a.
M 8	22 41	5s22	1 44	21 59	1 38	24 18	1 52	4 1	0 5	4 24	1 23	5 35	2 22	10 11	0 47	10 45	1 57	24 20	16 42	13 59	13 31	3 51		n.a.
T 9	22 48	11 54	0 27	21 44	1 53	24 8	1 52	3 49	0 3	4 22	1 23	5 34	2 22	10 11	0 47	10 44	1 57	24 19	16 41	14 0	13 30	3 55		n.a.
W10	22 54	17 49	0s52	21 29	2 9	23 57	1 52	3 37	0 2	4 19	1 23	5 34	2 23	10 11	0 47	10 44	1 57	24 18	16 41	13 59	13 29	3 58		n.a.
T 11	23 0	22 41	2 7	21 13	2 24	23 45	1 51	3 25	0 0	4 17	1 24	5 33	2 23	10 11	0 47	10 44	1 56	24 18	16 40	13 59	13 28	4 1		n.a.
F 12	23 6	26 7	3 14	20 58	2 39	23 33	1 51	3 12	0s 1	4 15	1 24	5 32	2 23	10 11	0 47	10 43	1 56	24 17	16 40	13 58	13 27	4 5		n.a.
S 13	23 11	27 49	4 7	20 44	2 54	23 20	1 51	3 0	0 3	4 12	1 24	5 31	2 23	10 11	0 47	10 43	1 56	24 16	16 39	13 56	13 26	4 8		n.a.
S 14	23 16	27 43	4 44	20 30	3 9	23 7	1 50	2 47	0 4	4 10	1 25	5 31	2 24	10 11	0 47	10 43	1 56	24 15	16 39	13 54	13 25	4 11		n.a.
M15	23 20	25 58	5 5	20 16	3 23	22 52	1 49	2 34	0 6	4 8	1 25	5 30	2 24	10 11	0 47	10 42	1 56	24 15	16 38	13 51	13 24	4 15		n.a.
T 16	23 24	22 51	5 8	20 4	3 36	22 38	1 48	2 21	0 7	4 6	1 25	5 29	2 24	10 11	0 47	10 42	1 56	24 14	16 38	13 49	13 23	4 18		n.a.
W17	23 28	18 44	4 56	19 52	3 49	22 22	1 48	2 9	0 9	4 4	1 25	5 29	2 25	10 11	0 47	10 42	1 56	24 13	16 37	13 47	13 22	4 21		n.a.
T 18	23 31	13 54	4 31	19 41	4 0	22 6	1 47	1 56	0 10	4 2	1 26	5 28	2 25	10 11	0 47	10 42	1 56	24 12	16 37	13 46	13 20	4 25		n.a.
F 19	23 34	8 39	3 54	19 31	4 11	21 50	1 46	1 42	0 12	4 0	1 26	5 28	2 25	10 11	0 47	10 41	1 56	24 11	16 37	13 46	13 19	4 28		n.a.
S 20	23 36	3 9	3 7	19 22	4 20	21 33	1 44	1 29	0 13	3 58	1 26	5 27	2 25	10 11	0 47	10 41	1 56	24 11	16 36	13 45	13 18	4 31		n.a.
S 21	23 38	2n24	2 12	19 14	4 28	21 15	1 43	1 16	0 15	3 57	1 27	5 27	2 26	10 12	0 47	10 41	1 56	24 10	16 36	13 46	13 17	4 35		n.a.
M22	23 40	7 53	1 12	19 8	4 34	20 57	1 42	1 2	0 16	3 55	1 27	5 26	2 26	10 12	0 47	10 41	1 56	24 9	16 35	13 46	13 16	4 38		n.a.
T 23	23 41	13 7	0 8	19 3	4 39	20 38	1 40	0 49	0 17	3 53	1 27	5 26	2 26	10 12	0 47	10 41	1 56	24 8	16 35	13 46	13 15	4 41		n.a.
W24	23 42	17 56	0n56	18 59	4 42	20 19	1 39	0 35	0 19	3 52	1 28	5 26	2 27	10 12	0 47	10 40	1 56	24 7	16 34	13 46	13 14	4 45		n.a.
T 25	23 42	22 5	1 59	18 57	4 43	19 59	1 37	0 21	0 20	3 50	1 28	5 25	2 27	10 12	0 47	10 40	1 56	24 6	16 34	13 45	13 13	4 48		n.a.
F 26	23 42	25 20	2 57	18 56	4 43	19 39	1 35	0 8	0 21	3 49	1 28	5 25	2 27	10 13	0 47	10 40	1 56	24 5	16 33	13 44	13 12	4 52		n.a.
S 27	23 41	27 22	3 48	18 57	4 41	19 18	1 34	0s 6	0 22	3 48	1 28	5 25	2 28	10 13	0 47	10 40	1 56	24 5	16 33	13 41	13 11	4 55		n.a.
S 28	23 40	27 57	4 28	19 0	4 38	18 56	1 32	0 20	0 24	3 46	1 29	5 25	2 28	10 13	0 48	10 40	1 56	24 4	16 32	13 39	13 10	4 58		n.a.
M29	23 39	26 56	4 54	19 4	4 33	18 35	1 30	0 34	0 25	3 45	1 29	5 25	2 28	10 13	0 48	10 40	1 55	24 3	16 32	13 35	13 9	5 2		n.a.
T 30	23n37	24n21	5n 4	19n10	4s26	18n12	1n28	0s49	0s26	3s44	1s29	5s25	2s28	10s14	0s48	10s39	1n55	24n 2	16n31	13n32	13n 8	5n 5		n.a.

Julian Day Number = 1719017.5, Delta T = 02h56m55s
Ecliptic obliquity = 23°41'51, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°09'09, Lahiri = - 4°02'09 Julian Calendar 1 June 7 BCE == Greg. Calendar 30 May 007 BCE

The year -06 astronomical counting style corresponds to year 007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 7 BCE
geocentric

JULY 7 BCE (-6) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 25 54	5♋33'16	17♌53	24°R22	15♌ 9	1♎34	24♓ 9	22♓10	5°R45	2°R28	7♍37	5°R29	4♉21	16♈35	n.a.	W 1
T 2	18 29 50	6°30'38	1♍47	24♊ 6	16°18	2° 7	24°12	22°10	5♓45	2♏27	7°39	5♉22	4°18	16°42	n.a.	T 2
F 3	18 33 47	7°28'00	15°47	23°57	17°27	2°40	24°15	22°11	5°44	2°27	7°40	5°18	4°15	16°49	n.a.	F 3
S 4	18 37 43	8°25'23	29°52	23°D53	18°37	3°13	24°17	22°11	5°43	2°26	7°41	5°16	4°12	16°55	n.a.	S 4
S 5	18 41 40	9°22'46	14♎ 0	23°55	19°46	3°47	24°20	22°12	5°42	2°26	7°43	5°D16	4° 8	17° 2	n.a.	S 5
M 6	18 45 37	10°20'10	28° 9	24° 3	20°55	4°21	24°22	22°12	5°41	2°26	7°44	5°R16	4° 5	17° 9	n.a.	M 6
T 7	18 49 33	11°17'36	12♏19	24°19	22° 4	4°55	24°24	22°R12	5°40	2°25	7°46	5°16	4° 2	17°15	n.a.	T 7
W 8	18 53 30	12°15'01	26°28	24°40	23°13	5°29	24°26	22°12	5°39	2°25	7°47	5°15	3°59	17°22	n.a.	W 8
T 9	18 57 26	13°12'28	10♐33	25° 8	24°21	6° 3	24°28	22°12	5°37	2°25	7°49	5°11	3°56	17°29	n.a.	T 9
F 10	19 1 23	14° 9'56	24°32	25°43	25°30	6°38	24°29	22°11	5°36	2°24	7°50	5° 4	3°52	17°35	n.a.	F 10
S 11	19 5 19	15° 7'25	8♑20	26°25	26°39	7°13	24°31	22°11	5°35	2°24	7°52	4°55	3°49	17°42	n.a.	S 11
S 12	19 9 16	16° 4'56	21°53	27°12	27°47	7°48	24°32	22°11	5°34	2°24	7°53	4°44	3°46	17°49	n.a.	S 12
M13	19 13 12	17° 2'27	5♒10	28° 7	28°55	8°23	24°33	22°10	5°32	2°24	7°55	4°32	3°43	17°55	n.a.	M13
T 14	19 17 9	18° 0'00	18° 7	29° 7	0♍ 3	8°58	24°34	22° 9	5°31	2°24	7°57	4°21	3°40	18° 2	n.a.	T 14
W15	19 21 6	18°57'34	0♓46	0♋14	1°11	9°34	24°34	22° 9	5°30	2°24	7°58	4°11	3°37	18° 8	n.a.	W15
T 16	19 25 2	19°55'10	13° 7	1°26	2°19	10° 9	24°35	22° 8	5°28	2°24	8° 0	4° 4	3°33	18°15	n.a.	T 16
F 17	19 28 59	20°52'47	25°14	2°44	3°27	10°45	24°R35	22° 7	5°27	2°D23	8° 2	3°59	3°30	18°22	n.a.	F 17
S 18	19 32 55	21°50'26	7♈ 9	4° 7	4°35	11°21	24°35	22° 6	5°25	2°23	8° 3	3°56	3°27	18°28	n.a.	S 18
S 19	19 36 52	22°48'06	18°59	5°36	5°42	11°58	24°34	22° 4	5°24	2°24	8° 5	3°D56	3°24	18°35	n.a.	S 19
M20	19 40 48	23°45'48	0♉48	7° 9	6°50	12°34	24°34	22° 3	5°22	2°24	8° 7	3°R56	3°21	18°42	n.a.	M20
T 21	19 44 45	24°43'32	12°41	8°46	7°57	13°11	24°33	22° 2	5°20	2°24	8° 9	3°55	3°18	18°48	n.a.	T 21
W22	19 48 41	25°41'18	24°45	10°28	9° 4	13°47	24°33	22° 0	5°19	2°24	8°11	3°54	3°14	18°55	n.a.	W22
T 23	19 52 38	26°39'05	7♊ 4	12°13	10°12	14°24	24°31	21°59	5°17	2°24	8°12	3°50	3°11	19° 2	n.a.	T 23
F 24	19 56 35	27°36'55	19°41	14° 1	11°18	15° 1	24°30	21°57	5°15	2°24	8°14	3°44	3° 8	19° 8	n.a.	F 24
S 25	20 0 31	28°34'46	2♋40	15°52	12°25	15°39	24°29	21°55	5°13	2°24	8°16	3°36	3° 5	19°15	n.a.	S 25
S 26	20 4 28	29°32'39	16° 0	17°45	13°32	16°16	24°27	21°53	5°12	2°25	8°18	3°25	3° 2	19°22	n.a.	S 26
M27	20 8 24	0♌30'33	29°41	19°40	14°38	16°54	24°25	21°51	5°10	2°25	8°20	3°13	2°58	19°28	n.a.	M27
T 28	20 12 21	1°28'29	13♌39	21°36	15°45	17°32	24°23	21°49	5° 8	2°25	8°22	3° 1	2°55	19°35	n.a.	T 28
W29	20 16 17	2°26'27	27°50	23°33	16°51	18°10	24°21	21°47	5° 6	2°26	8°24	2°50	2°52	19°42	n.a.	W29
T 30	20 20 14	3°24'26	12♍ 8	25°31	17°57	18°48	24°19	21°45	5° 4	2°26	8°26	2°41	2°49	19°48	n.a.	T 30
F 31	20 24 10	4♌22'26	26♍28	27♋30	19♍ 3	19♎26	24♓16	21♓43	5♓ 2	2♏27	8♍28	2♉36	2♉46	19♈55	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23n35	20n20	4n57	19n17	4s18	17n50	1n25	1s 3	0s27	3s43	1s30	5s25	2s29	10s14	0s48	10s39	1n55	24n 1	16n31	13n29	13n 6	5n 8			n.a.
T 2	23 32	15 12	4 33	19 26	4 8	17 26	1 23	1 17	0 29	3 42	1 30	5 25	2 29	10 14	0 48	10 39	1 55	24 0	16 31	13 27	13 5	5 12			n.a.
F 3	23 29	9 13	3 52	19 36	3 58	17 3	1 21	1 32	0 30	3 41	1 30	5 25	2 29	10 15	0 48	10 39	1 55	23 59	16 30	13 26	13 4	5 15			n.a.
S 4	23 26	2 45	2 57	19 47	3 46	16 39	1 18	1 46	0 31	3 40	1 31	5 25	2 30	10 15	0 48	10 39	1 55	23 58	16 30	13 25	13 3	5 18			n.a.
S 5	23 22	3s53	1 51	20 0	3 33	16 15	1 16	2 1	0 32	3 40	1 31	5 25	2 30	10 16	0 48	10 39	1 55	23 57	16 29	13 25	13 2	5 22			n.a.
M 6	23 17	10 21	0 38	20 14	3 20	15 50	1 13	2 15	0 33	3 39	1 31	5 25	2 30	10 16	0 48	10 39	1 55	23 56	16 29	13 25	13 1	5 25			n.a.
T 7	23 13	16 18	0s37	20 29	3 6	15 25	1 10	2 30	0 34	3 39	1 32	5 26	2 30	10 16	0 48	10 39	1 55	23 55	16 28	13 25	13 0	5 28			n.a.
W 8	23 8	21 22	1 50	20 44	2 51	14 59	1 7	2 45	0 36	3 38	1 32	5 26	2 31	10 17	0 48	10 39	1 55	23 54	16 28	13 25	12 59	5 32			n.a.
T 9	23 2	25 10	2 56	21 0	2 36	14 33	1 5	2 59	0 37	3 38	1 32	5 26	2 31	10 17	0 48	10 39	1 55	23 54	16 28	13 23	12 58	5 35			n.a.
F 10	22 56	27 25	3 50	21 17	2 21	14 7	1 1	3 14	0 38	3 37	1 32	5 27	2 31	10 18	0 48	10 39	1 55	23 53	16 27	13 21	12 57	5 38			n.a.
S 11	22 50	27 56	4 30	21 34	2 5	13 41	0 58	3 29	0 39	3 37	1 33	5 27	2 32	10 18	0 48	10 39	1 55	23 52	16 27	13 18	12 56	5 42			n.a.
S 12	22 43	26 44	4 54	21 50	1 50	13 14	0 55	3 44	0 40	3 37	1 33	5 27	2 32	10 19	0 48	10 39	1 55	23 51	16 26	13 14	12 55	5 45			n.a.
M13	22 36	24 3	5 2	22 7	1 34	12 47	0 52	3 59	0 41	3 37	1 33	5 28	2 32	10 19	0 48	10 39	1 55	23 50	16 26	13 10	12 53	5 48			n.a.
T 14	22 28	20 12	4 53	22 23	1 18	12 20	0 48	4 14	0 42	3 37	1 34	5 28	2 33	10 20	0 48	10 39	1 55	23 49	16 26	13 6	12 52	5 52			n.a.
W15	22 20	15 31	4 30	22 39	1 3	11 52	0 45	4 29	0 43	3 37	1 34	5 29	2 33	10 20	0 48	10 39	1 54	23 48	16 25	13 3	12 51	5 55			n.a.
T 16	22 12	10 19	3 55	22 53	0 48	11 24	0 41	4 44	0 44	3 37	1 34	5 30	2 33	10 21	0 48	10 39	1 54	23 47	16 25	13 1	12 50	5 58			n.a.
F 17	22 3	4 49	3 10	23 7	0 33	10 56	0 38	4 59	0 45	3 37	1 35	5 30	2 33	10 22	0 48	10 39	1 54	23 46	16 25	12 59	12 49	6 2			n.a.
S 18	21 54	0n46	2 17	23 19	0 19	10 28	0 34	5 14	0 46	3 38	1 35	5 31	2 34	10 22	0 48	10 39	1 54	23 45	16 24	12 58	12 48	6 5			n.a.
S 19	21 45	6 18	1 18	23 29	0 5	9 59	0 30	5 30	0 47	3 38	1 35	5 32	2 34	10 23	0 48	10 39	1 54	23 44	16 24	12 58	12 47	6 8			n.a.
M20	21 35	11 37	0 17	23 38	0n 8	9 30	0 26	5 45	0 48	3 38	1 36	5 32	2 34	10 23	0 48	10 39	1 54	23 43	16 24	12 58	12 46	6 12			n.a.
T 21	21 25	16 33	0n46	23 44	0 20	9 1	0 22	6 0	0 49	3 39	1 36	5 33	2 34	10 24	0 48	10 39	1 54	23 42	16 23	12 58	12 45	6 15			n.a.
W22	21 14	20 54	1 48	23 48	0 32	8 32	0 18	6 16	0 50	3 40	1 36	5 34	2 35	10 25	0 48	10 39	1 54	23 41	16 23	12 57	12 44	6 18			n.a.
T 23	21 3	24 27	2 46	23 50	0 43	8 3	0 14	6 31	0 51	3 40	1 36	5 35	2 35	10 25	0 48	10 39	1 54	23 40	16 23	12 56	12 43	6 22			n.a.
F 24	20 52	26 54	3 37	23 50	0 53	7 33	0 10	6 46	0 52	3 41	1 37	5 36	2 35	10 26	0 48	10 39	1 54	23 39	16 22	12 54	12 41	6 25			n.a.
S 25	20 40	27 59	4 18	23 46	1 2	7 3	0 5	7 2	0 52	3 42	1 37	5 37	2 36	10 27	0 48	10 40	1 54	23 38	16 22	12 51	12 40	6 28			n.a.
S 26	20 28	27 28	4 47	23 40	1 10	6 34	0 1	7 17	0 53	3 43	1 37	5 38	2 36	10 27	0 48	10 40	1 54	23 37	16 22	12 47	12 39	6 32			n.a.
M27	20 16	25 19	5 0	23 31	1 18	6 4	0s 3	7 32	0 54	3 44	1 38	5 39	2 36	10 28	0 48	10 40	1 54	23 36	16 21	12 43	12 38	6 35			n.a.
T 28	20 3	21 37	4 55	23 20	1 24	5 33	0 8	7 48	0 55	3 45	1 38	5 40	2 36	10 29	0 48	10 40	1 54	23 35	16 21	12 39	12 37	6 38			n.a.
W29	19 50	16 37	4 33	23 6	1 30	5 3	0 13	8 3	0 56	3 46	1 38	5 41	2 37	10 30	0 48	10 40	1 54	23 34	16 21	12 35	12 36	6 42			n.a.
T 30	19 36	10 40	3 53	22 49	1 35	4 33	0 17	8 19	0 57	3 47	1 38	5 42	2 37	10 30	0 48	10 40	1 53	23 33	16 21	12 32	12 35	6 45			n.a.
F 31	19n22	4n 8	2n58	22n30	1n39	4n 3	0s22	8s34	0s57	3s49	1s39	5s43	2s37	10s31	0s49	10s41	1n53	23n32	16n20	12n30	12n34	6n48			n.a.

Julian Day Number = 1719047.5, Delta T = 02h56m54s
Ecliptic obliquity = 23°41'52, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°09'05, Lahiri = - 4°02'05 Julian Calendar 1 July 7 BCE == Greg. Calendar 29 June 007 BCE

The year -06 astronomical counting style corresponds to year 007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 7 BCE
geocentric

AUGUST 7 BCE (-6) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 28 7	5♌20'28	10♎47	29♋29	20♍ 9	20♎ 4	24°R13	21°R40	5°R 0	2♏27	8♍30	2°R33	2♉43	20♈ 2	n.a.	S 1
S 2	20 32 4	6°18'31	25° 0	1♌27	21°14	20°43	24♓10	21♓38	4♓58	2°27	8°32	2♉32	2°39	20° 8	n.a.	S 2
M 3	20 36 0	7°16'36	9♏ 6	3°25	22°19	21°22	24° 7	21°35	4°56	2°28	8°34	2°32	2°36	20°15	n.a.	M 3
T 4	20 39 57	8°14'43	23° 5	5°23	23°24	22° 0	24° 4	21°32	4°54	2°29	8°36	2°31	2°33	20°21	n.a.	T 4
W 5	20 43 53	9°12'51	6♐57	7°20	24°29	22°39	24° 0	21°29	4°52	2°29	8°38	2°29	2°30	20°28	n.a.	W 5
T 6	20 47 50	10°11'00	20°40	9°17	25°34	23°19	23°56	21°27	4°50	2°30	8°40	2°24	2°27	20°35	n.a.	T 6
F 7	20 51 46	11° 9'12	4♑14	11°12	26°39	23°58	23°52	21°24	4°48	2°30	8°42	2°17	2°24	20°41	n.a.	F 7
S 8	20 55 43	12° 7'24	17°37	13° 7	27°43	24°37	23°48	21°20	4°46	2°31	8°44	2° 7	2°20	20°48	n.a.	S 8
S 9	20 59 39	13° 5'39	0♒49	15° 0	28°47	25°17	23°44	21°17	4°43	2°32	8°46	1°55	2°17	20°55	n.a.	S 9
M10	21 3 36	14° 3'55	13°46	16°53	29°51	25°56	23°39	21°14	4°41	2°33	8°49	1°42	2°14	21° 1	n.a.	M10
T 11	21 7 33	15° 2'13	26°30	18°44	0♎55	26°36	23°35	21°11	4°39	2°33	8°51	1°30	2°11	21° 8	n.a.	T 11
W12	21 11 29	16° 0'34	8♓58	20°35	1°58	27°16	23°30	21° 7	4°37	2°34	8°53	1°19	2° 8	21°15	n.a.	W12
T 13	21 15 26	16°58'56	21°12	22°24	3° 1	27°56	23°25	21° 4	4°35	2°35	8°55	1°11	2° 4	21°21	n.a.	T 13
F 14	21 19 22	17°57'20	3♈14	24°12	4° 4	28°36	23°20	21° 0	4°32	2°36	8°57	1° 5	2° 1	21°28	n.a.	F 14
S 15	21 23 19	18°55'46	15° 7	25°59	5° 7	29°17	23°15	20°57	4°30	2°37	8°59	1° 2	1°58	21°35	n.a.	S 15
S 16	21 27 15	19°54'15	26°55	27°45	6° 9	29°57	23° 9	20°53	4°28	2°38	9° 2	1°D 1	1°55	21°41	n.a.	S 16
M17	21 31 12	20°52'46	8♉43	29°30	7°11	0♏38	23° 3	20°49	4°25	2°39	9° 4	1° 1	1°52	21°48	n.a.	M17
T 18	21 35 8	21°51'19	20°36	1♍13	8°13	1°18	22°58	20°46	4°23	2°40	9° 6	1°R 1	1°49	21°55	n.a.	T 18
W19	21 39 5	22°49'54	2♊39	2°56	9°14	1°59	22°52	20°42	4°21	2°41	9° 8	1° 0	1°45	22° 1	n.a.	W19
T 20	21 43 2	23°48'32	14°58	4°38	10°16	2°40	22°46	20°38	4°18	2°42	9°11	0°58	1°42	22° 8	n.a.	T 20
F 21	21 46 58	24°47'12	27°37	6°18	11°16	3°21	22°39	20°34	4°16	2°43	9°13	0°54	1°39	22°14	n.a.	F 21
S 22	21 50 55	25°45'55	10♋41	7°58	12°17	4° 2	22°33	20°30	4°14	2°44	9°15	0°47	1°36	22°21	n.a.	S 22
S 23	21 54 51	26°44'39	24°11	9°36	13°17	4°44	22°27	20°26	4°11	2°45	9°17	0°38	1°33	22°28	n.a.	S 23
M24	21 58 48	27°43'26	8♌ 6	11°14	14°17	5°25	22°20	20°21	4° 9	2°46	9°20	0°29	1°30	22°34	n.a.	M24
T 25	22 2 44	28°42'15	22°23	12°50	15°17	6° 6	22°13	20°17	4° 6	2°47	9°22	0°18	1°26	22°41	n.a.	T 25
W26	22 6 41	29°41'06	6♍56	14°26	16°16	6°48	22° 6	20°13	4° 4	2°49	9°24	0° 9	1°23	22°48	n.a.	W26
T 27	22 10 37	0♍39'59	21°40	16° 0	17°15	7°30	21°59	20° 9	4° 2	2°50	9°27	0° 2	1°20	22°54	n.a.	T 27
F 28	22 14 34	1°38'55	6♎25	17°34	18°13	8°12	21°52	20° 4	3°59	2°51	9°29	29♈58	1°17	23° 1	n.a.	F 28
S 29	22 18 30	2°37'51	21° 5	19° 7	19°11	8°54	21°45	20° 0	3°57	2°52	9°31	29°56	1°14	23° 8	n.a.	S 29
S 30	22 22 27	3°36'50	5♏34	20°39	20° 9	9°36	21°38	19°55	3°54	2°54	9°33	29°D55	1°10	23°14	n.a.	S 30
M31	22 26 24	4♍35'51	19♏50	22♍10	21♎ 6	10♏18	21♓30	19♓51	3♓52	2♏55	9♍36	29♈56	1♉ 7	23♈21	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n 8	2s35	1n52	22n 9	1n42	3n32	0s27	8s50	0s58	3s50	1s39	5s45	2s37	10s32	0s49	10s41	1n53	23n31	16n20	12n29	12n33	6n52		n.a.
S 2	18 54	9 10	0 40	21 45	1 45	3 2	0 32	9 5	0 59	3 51	1 39	5 46	2 38	10 33	0 49	10 41	1 53	23 30	16 20	12 29	12 32	6 55		n.a.
M 3	18 39	15 14	0s35	21 19	1 46	2 31	0 37	9 20	1 0	3 53	1 40	5 47	2 38	10 33	0 49	10 41	1 53	23 29	16 20	12 29	12 30	6 58		n.a.
T 4	18 24	20 28	1 47	20 51	1 47	2 1	0 42	9 36	1 1	3 55	1 40	5 48	2 38	10 34	0 49	10 42	1 53	23 28	16 19	12 29	12 29	7 2		n.a.
W 5	18 9	24 31	2 51	20 22	1 47	1 30	0 47	9 51	1 1	3 56	1 40	5 50	2 38	10 35	0 49	10 42	1 53	23 27	16 19	12 28	12 28	7 5		n.a.
T 6	17 53	27 7	3 45	19 51	1 47	0 59	0 52	10 7	1 2	3 58	1 40	5 51	2 39	10 36	0 49	10 42	1 53	23 26	16 19	12 26	12 27	7 8		n.a.
F 7	17 37	28 4	4 26	19 18	1 46	0 29	0 57	10 22	1 3	4 0	1 41	5 53	2 39	10 36	0 49	10 42	1 53	23 24	16 19	12 24	12 26	7 12		n.a.
S 8	17 21	27 20	4 51	18 44	1 45	0s 2	1 2	10 37	1 4	4 2	1 41	5 54	2 39	10 37	0 49	10 43	1 53	23 23	16 18	12 20	12 25	7 15		n.a.
S 9	17 4	25 5	5 1	18 8	1 43	0 33	1 8	10 53	1 4	4 4	1 41	5 55	2 39	10 38	0 49	10 43	1 53	23 22	16 18	12 16	12 24	7 18		n.a.
M10	16 47	21 33	4 54	17 32	1 40	1 3	1 13	11 8	1 5	4 6	1 41	5 57	2 39	10 39	0 49	10 43	1 53	23 21	16 18	12 12	12 23	7 22		n.a.
T 11	16 30	17 5	4 33	16 54	1 37	1 34	1 18	11 23	1 6	4 8	1 42	5 58	2 40	10 40	0 49	10 44	1 53	23 20	16 18	12 7	12 22	7 25		n.a.
W12	16 13	11 59	3 59	16 16	1 34	2 4	1 24	11 39	1 6	4 10	1 42	6 0	2 40	10 41	0 49	10 44	1 53	23 19	16 18	12 4	12 20	7 28		n.a.
T 13	15 55	6 30	3 15	15 36	1 30	2 34	1 29	11 54	1 7	4 12	1 42	6 2	2 40	10 41	0 49	10 44	1 53	23 18	16 18	12 1	12 19	7 32		n.a.
F 14	15 37	0 52	2 22	14 56	1 25	3 5	1 35	12 9	1 8	4 14	1 42	6 3	2 40	10 42	0 49	10 45	1 52	23 17	16 17	11 59	12 18	7 35		n.a.
S 15	15 19	4n44	1 24	14 16	1 21	3 35	1 40	12 24	1 8	4 17	1 43	6 5	2 40	10 43	0 49	10 45	1 52	23 16	16 17	11 57	12 17	7 38		n.a.
S 16	15 0	10 9	0 22	13 34	1 16	4 5	1 46	12 39	1 9	4 19	1 43	6 6	2 41	10 44	0 49	10 45	1 52	23 15	16 17	11 57	12 16	7 42		n.a.
M17	14 41	15 12	0n41	12 53	1 11	4 35	1 52	12 54	1 10	4 22	1 43	6 8	2 41	10 45	0 49	10 46	1 52	23 14	16 17	11 57	12 15	7 45		n.a.
T 18	14 22	19 44	1 42	12 10	1 5	5 5	1 57	13 9	1 10	4 24	1 43	6 10	2 41	10 46	0 49	10 46	1 52	23 13	16 17	11 57	12 14	7 48		n.a.
W19	14 3	23 32	2 40	11 28	1 0	5 35	2 3	13 24	1 11	4 27	1 43	6 11	2 41	10 47	0 49	10 47	1 52	23 12	16 17	11 57	12 13	7 52		n.a.
T 20	13 44	26 21	3 32	10 45	0 54	6 4	2 9	13 39	1 11	4 29	1 44	6 13	2 41	10 48	0 49	10 47	1 52	23 11	16 17	11 56	12 12	7 55		n.a.
F 21	13 24	27 55	4 15	10 2	0 48	6 34	2 14	13 53	1 12	4 32	1 44	6 15	2 42	10 48	0 49	10 48	1 52	23 11	16 17	11 55	12 11	7 58		n.a.
S 22	13 4	28 0	4 46	9 19	0 41	7 3	2 20	14 8	1 13	4 35	1 44	6 17	2 42	10 49	0 49	10 48	1 52	23 10	16 16	11 52	12 9	8 1		n.a.
S 23	12 44	26 28	5 2	8 35	0 35	7 32	2 26	14 23	1 13	4 37	1 44	6 18	2 42	10 50	0 49	10 48	1 52	23 9	16 16	11 49	12 8	8 5		n.a.
M24	12 24	23 17	5 1	7 52	0 28	8 1	2 32	14 37	1 14	4 40	1 44	6 20	2 42	10 51	0 49	10 49	1 52	23 8	16 16	11 46	12 7	8 8		n.a.
T 25	12 3	18 38	4 42	7 9	0 21	8 30	2 38	14 52	1 14	4 43	1 45	6 22	2 42	10 52	0 49	10 49	1 52	23 7	16 16	11 42	12 6	8 11		n.a.
W26	11 42	12 50	4 4	6 25	0 15	8 59	2 44	15 6	1 15	4 46	1 45	6 24	2 42	10 53	0 49	10 50	1 52	23 6	16 16	11 39	12 5	8 15		n.a.
T 27	11 21	6 14	3 10	5 42	0 8	9 27	2 49	15 21	1 15	4 49	1 45	6 26	2 42	10 54	0 49	10 50	1 52	23 5	16 16	11 36	12 4	8 18		n.a.
F 28	11 0	0s42	2 2	4 58	0 0	9 55	2 55	15 35	1 16	4 52	1 45	6 28	2 43	10 55	0 49	10 51	1 52	23 4	16 16	11 35	12 3	8 21		n.a.
S 29	10 39	7 35	0 47	4 15	0s 7	10 23	3 1	15 49	1 16	4 55	1 45	6 30	2 43	10 55	0 49	10 51	1 52	23 3	16 16	11 34	12 2	8 25		n.a.
S 30	10 17	14 0	0s30	3 32	0 14	10 50	3 7	16 3	1 17	4 58	1 45	6 31	2 43	10 56	0 49	10 52	1 52	23 2	16 16	11 34	12 0	8 28		n.a.
M31	9n56	19s34	1s45	2n49	0s21	11s18	3s13	16s17	1s17	5s 1	1s45	6s33	2s43	10s57	0s49	10s52	1n51	23n 1	16n16	11n34	11n59	8n31		n.a.

Julian Day Number = 1719078.5, Delta T = 02h56m53s
Ecliptic obliquity = 23°41'52, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°09'01, Lahiri = - 4°02'00 Julian Calendar 1 Aug. 7 BCE == Greg. Calendar 30 July 007 BCE

The year -06 astronomical counting style corresponds to year 007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 7 BCE
geocentric

SEPTEMBER 7 BCE (-6) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 30 20	5♍34'54	3♐50	23♍40	22♎ 3	11♏ 0	21°R23	19°R46	3°R49	2♏57	9♍38	29°R57	1♉ 4	23♈28	n.a.	T 1
W 2	22 34 17	6°33'58	17°35	25° 9	22°59	11°43	21♓15	19♓42	3♓47	2°58	9°40	29♈56	1° 1	23°34	n.a.	W 2
T 3	22 38 13	7°33'05	1♑ 5	26°37	23°55	12°25	21° 8	19°37	3°45	2°59	9°43	29°54	0°58	23°41	n.a.	T 3
F 4	22 42 10	8°32'13	14°21	28° 4	24°50	13° 8	21° 0	19°33	3°42	3° 1	9°45	29°49	0°55	23°48	n.a.	F 4
S 5	22 46 6	9°31'23	27°23	29°30	25°45	13°50	20°52	19°28	3°40	3° 2	9°47	29°42	0°51	23°54	n.a.	S 5
S 6	22 50 3	10°30'35	10♒13	0♎55	26°39	14°33	20°44	19°23	3°37	3° 4	9°50	29°34	0°48	24° 1	n.a.	S 6
M 7	22 53 59	11°29'49	22°51	2°20	27°33	15°16	20°37	19°19	3°35	3° 5	9°52	29°25	0°45	24° 7	n.a.	M 7
T 8	22 57 56	12°29'05	5♓17	3°43	28°26	15°59	20°29	19°14	3°33	3° 7	9°54	29°16	0°42	24°14	n.a.	T 8
W 9	23 1 53	13°28'23	17°32	5° 5	29°18	16°42	20°21	19° 9	3°30	3° 9	9°57	29° 8	0°39	24°21	n.a.	W 9
T 10	23 5 49	14°27'43	29°36	6°26	0♏10	17°25	20°13	19° 4	3°28	3°10	9°59	29° 3	0°36	24°27	n.a.	T 10
F 11	23 9 46	15°27'05	11♈32	7°46	1° 1	18° 8	20° 5	19° 0	3°26	3°12	10° 1	28°59	0°32	24°34	n.a.	F 11
S 12	23 13 42	16°26'30	23°22	9° 5	1°51	18°51	19°57	18°55	3°23	3°14	10° 4	28°D57	0°29	24°41	n.a.	S 12
S 13	23 17 39	17°25'57	5♉ 9	10°23	2°41	19°35	19°48	18°50	3°21	3°15	10° 6	28°57	0°26	24°47	n.a.	S 13
M14	23 21 35	18°25'26	16°56	11°39	3°30	20°18	19°40	18°45	3°19	3°17	10° 8	28°58	0°23	24°54	n.a.	M14
T 15	23 25 32	19°24'58	28°48	12°54	4°18	21° 2	19°32	18°40	3°16	3°19	10°11	29° 0	0°20	25° 1	n.a.	T 15
W16	23 29 28	20°24'32	10♊49	14° 7	5° 5	21°46	19°24	18°36	3°14	3°20	10°13	29° 1	0°16	25° 7	n.a.	W16
T 17	23 33 25	21°24'09	23° 6	15°19	5°52	22°29	19°16	18°31	3°12	3°22	10°15	29°R 2	0°13	25°14	n.a.	T 17
F 18	23 37 22	22°23'48	5♋42	16°28	6°38	23°13	19° 8	18°26	3° 9	3°24	10°17	29° 1	0°10	25°21	n.a.	F 18
S 19	23 41 18	23°23'29	18°43	17°36	7°22	23°57	19° 0	18°21	3° 7	3°26	10°20	28°58	0° 7	25°27	n.a.	S 19
S 20	23 45 15	24°23'12	2♌10	18°42	8° 6	24°41	18°52	18°17	3° 5	3°28	10°22	28°54	0° 4	25°34	n.a.	S 20
M21	23 49 11	25°22'58	16° 6	19°46	8°49	25°25	18°44	18°12	3° 3	3°30	10°24	28°50	0° 1	25°41	n.a.	M21
T 22	23 53 8	26°22'46	0♍28	20°47	9°31	26° 9	18°36	18° 7	3° 1	3°31	10°27	28°44	29♈57	25°47	n.a.	T 22
W23	23 57 4	27°22'37	15°13	21°45	10°12	26°53	18°28	18° 2	2°59	3°33	10°29	28°40	29°54	25°54	n.a.	W23
T 24	0 1 1	28°22'29	0♎12	22°40	10°51	27°38	18°20	17°58	2°56	3°35	10°31	28°36	29°51	26° 0	n.a.	T 24
F 25	0 4 57	29°22'24	15°17	23°32	11°30	28°22	18°12	17°53	2°54	3°37	10°33	28°34	29°48	26° 7	n.a.	F 25
S 26	0 8 54	0♎22'20	0♏20	24°20	12° 7	29° 6	18° 4	17°49	2°52	3°39	10°35	28°D34	29°45	26°14	n.a.	S 26
S 27	0 12 50	1°22'18	15°11	25° 4	12°43	29°51	17°57	17°44	2°50	3°41	10°38	28°34	29°41	26°20	n.a.	S 27
M28	0 16 47	2°22'18	29°45	25°43	13°18	0♐36	17°49	17°39	2°48	3°43	10°40	28°36	29°38	26°27	n.a.	M28
T 29	0 20 44	3°22'20	13♐58	26°18	13°52	1°20	17°42	17°35	2°46	3°45	10°42	28°37	29°35	26°34	n.a.	T 29
W30	0 24 40	4♎22'24	27♐48	26♎46	14♏24	2♐ 5	17♓34	17♓30	2♓44	3♏47	10♍44	28♈38	29♈32	26♈40	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9n34	23s57	2s52	2n 6	0s29	11s45	3s19	16s31	1s18	5s 4	1s46	6s35	2s43	10s58	0s49	10s53	1n51	23n 0	16n16	11n34	11n58	8n34		n.a.
W 2	9 12	26 53	3 47	1 24	0 36	12 11	3 24	16 45	1 18	5 7	1 46	6 37	2 43	10 59	0 49	10 53	1 51	22 59	16 16	11 34	11 57	8 38		n.a.
T 3	8 50	28 11	4 29	0 42	0 44	12 38	3 30	16 58	1 18	5 10	1 46	6 39	2 43	11 0	0 49	10 54	1 51	22 58	16 16	11 33	11 56	8 41		n.a.
F 4	8 27	27 49	4 56	0s 0	0 51	13 4	3 36	17 12	1 19	5 13	1 46	6 41	2 43	11 1	0 49	10 55	1 51	22 57	16 16	11 32	11 55	8 44		n.a.
S 5	8 5	25 55	5 7	0 41	0 58	13 29	3 42	17 25	1 19	5 16	1 46	6 43	2 43	11 2	0 49	10 55	1 51	22 56	16 16	11 29	11 54	8 48		n.a.
S 6	7 42	22 42	5 2	1 22	1 6	13 55	3 48	17 39	1 20	5 20	1 46	6 45	2 44	11 3	0 49	10 56	1 51	22 56	16 16	11 26	11 53	8 51		n.a.
M 7	7 20	18 29	4 42	2 3	1 13	14 20	3 53	17 52	1 20	5 23	1 46	6 47	2 44	11 3	0 49	10 56	1 51	22 55	16 16	11 23	11 52	8 54		n.a.
T 8	6 57	13 32	4 9	2 43	1 20	14 45	3 59	18 5	1 21	5 26	1 46	6 49	2 44	11 4	0 49	10 57	1 51	22 54	16 16	11 20	11 50	8 57		n.a.
W 9	6 34	8 7	3 25	3 23	1 28	15 9	4 5	18 18	1 21	5 29	1 46	6 51	2 44	11 5	0 49	10 57	1 51	22 53	16 16	11 17	11 49	9 1		n.a.
T 10	6 11	2 29	2 32	4 2	1 35	15 33	4 10	18 31	1 21	5 33	1 46	6 53	2 44	11 6	0 49	10 58	1 51	22 52	16 16	11 15	11 48	9 4		n.a.
F 11	5 48	3n11	1 33	4 40	1 42	15 56	4 16	18 43	1 22	5 36	1 46	6 55	2 44	11 7	0 49	10 59	1 51	22 51	16 16	11 14	11 47	9 7		n.a.
S 12	5 24	8 42	0 30	5 18	1 49	16 19	4 21	18 56	1 22	5 39	1 46	6 56	2 44	11 8	0 49	10 59	1 51	22 50	16 16	11 13	11 46	9 11		n.a.
S 13	5 1	13 54	0n34	5 55	1 56	16 42	4 27	19 8	1 22	5 42	1 46	6 58	2 44	11 9	0 49	11 0	1 51	22 50	16 17	11 13	11 45	9 14		n.a.
M14	4 38	18 37	1 36	6 32	2 2	17 4	4 32	19 20	1 23	5 45	1 46	7 0	2 44	11 9	0 49	11 0	1 51	22 49	16 17	11 14	11 44	9 17		n.a.
T 15	4 14	22 38	2 35	7 7	2 9	17 26	4 37	19 32	1 23	5 49	1 46	7 2	2 44	11 10	0 49	11 1	1 51	22 48	16 17	11 14	11 43	9 20		n.a.
W16	3 50	25 45	3 28	7 42	2 15	17 47	4 42	19 44	1 23	5 52	1 46	7 4	2 44	11 11	0 49	11 2	1 51	22 47	16 17	11 15	11 41	9 24		n.a.
T 17	3 27	27 44	4 13	8 15	2 21	18 8	4 47	19 56	1 23	5 55	1 46	7 6	2 44	11 12	0 49	11 2	1 51	22 46	16 17	11 15	11 40	9 27		n.a.
F 18	3 3	28 21	4 47	8 48	2 27	18 28	4 52	20 8	1 24	5 58	1 46	7 8	2 44	11 13	0 49	11 3	1 51	22 46	16 17	11 14	11 39	9 30		n.a.
S 19	2 39	27 27	5 7	9 20	2 32	18 47	4 57	20 19	1 24	6 1	1 46	7 10	2 44	11 13	0 49	11 4	1 51	22 45	16 17	11 14	11 38	9 33		n.a.
S 20	2 15	24 57	5 12	9 50	2 38	19 7	5 2	20 30	1 24	6 5	1 46	7 12	2 44	11 14	0 49	11 4	1 51	22 44	16 17	11 12	11 37	9 37		n.a.
M21	1 51	20 55	4 58	10 19	2 43	19 25	5 7	20 41	1 24	6 8	1 46	7 14	2 44	11 15	0 49	11 5	1 50	22 43	16 18	11 10	11 36	9 40		n.a.
T 22	1 27	15 34	4 26	10 47	2 47	19 43	5 11	20 52	1 25	6 11	1 46	7 15	2 44	11 16	0 49	11 6	1 50	22 43	16 18	11 9	11 35	9 43		n.a.
W23	1 3	9 12	3 35	11 13	2 51	20 1	5 16	21 3	1 25	6 14	1 46	7 17	2 44	11 17	0 49	11 6	1 50	22 42	16 18	11 7	11 34	9 46		n.a.
T 24	0 39	2 12	2 29	11 37	2 55	20 18	5 20	21 13	1 25	6 17	1 46	7 19	2 44	11 17	0 49	11 7	1 50	22 41	16 18	11 6	11 32	9 50		n.a.
F 25	0 15	4s59	1 12	11 59	2 58	20 34	5 24	21 24	1 25	6 20	1 46	7 21	2 44	11 18	0 49	11 8	1 50	22 41	16 18	11 5	11 31	9 53		n.a.
S 26	0s 9	11 52	0s10	12 20	3 1	20 50	5 28	21 34	1 26	6 23	1 46	7 23	2 44	11 19	0 49	11 8	1 50	22 40	16 19	11 5	11 30	9 56		n.a.
S 27	0 33	18 0	1 30	12 38	3 3	21 5	5 32	21 44	1 26	6 26	1 46	7 24	2 44	11 20	0 49	11 9	1 50	22 39	16 19	11 5	11 29	9 59		n.a.
M28	0 57	22 58	2 43	12 54	3 4	21 19	5 35	21 54	1 26	6 29	1 45	7 26	2 44	11 20	0 48	11 10	1 50	22 39	16 19	11 5	11 28	10 3		n.a.
T 29	1 21	26 26	3 44	13 7	3 4	21 33	5 39	22 3	1 26	6 32	1 45	7 28	2 44	11 21	0 48	11 11	1 50	22 38	16 19	11 6	11 27	10 6		n.a.
W30	1s45	28s12	4s31	13s17	3s 4	21s46	5s42	22s13	1s26	6s35	1s45	7s30	2s44	11s22	0s48	11s11	1n50	22n37	16n19	11n 6	11n26	10n 9		n.a.

Julian Day Number = 1719109.5, Delta T = 02h56m52s
Ecliptic obliquity = 23°41'53, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°08'57, Lahiri = - 4°01'56 Julian Calendar 1 Sept. 7 BCE == Greg. Calendar 30 Aug. 007 BCE

The year -06 astronomical counting style corresponds to year 007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 7 BCE
geocentric

OCTOBER 7 BCE (-6) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 28 37	5♎22'29	11♉17	27♎ 9	14♏54	2♐50	17°R27	17°R26	2°R42	3♏49	10♍46	28°R38	29♈29	26♈47	n.a.	T 1
F 2	0 32 33	6°22'36	24°25	27°24	15°23	3°35	17♓19	17♓22	2♓40	3°51	10°49	28♈37	29°26	26°54	n.a.	F 2
S 3	0 36 30	7°22'45	7♒15	27°32	15°51	4°20	17°12	17°17	2°39	3°53	10°51	28°35	29°22	27° 0	n.a.	S 3
S 4	0 40 26	8°22'55	19°49	27°R32	16°16	5° 5	17° 5	17°13	2°37	3°55	10°53	28°32	29°19	27° 7	n.a.	S 4
M 5	0 44 23	9°23'06	2♓11	27°24	16°40	5°50	16°58	17° 9	2°35	3°57	10°55	28°29	29°16	27°14	n.a.	M 5
T 6	0 48 19	10°23'20	14°22	27° 6	17° 3	6°35	16°52	17° 4	2°33	3°59	10°57	28°26	29°13	27°20	n.a.	T 6
W 7	0 52 16	11°23'35	26°24	26°39	17°23	7°20	16°45	17° 0	2°31	4° 2	10°59	28°23	29°10	27°27	n.a.	W 7
T 8	0 56 13	12°23'52	8♈19	26° 1	17°41	8° 5	16°38	16°56	2°30	4° 4	11° 1	28°21	29° 7	27°33	n.a.	T 8
F 9	1 0 9	13°24'11	20°10	25°15	17°58	8°50	16°32	16°52	2°28	4° 6	11° 3	28°20	29° 3	27°40	n.a.	F 9
S 10	1 4 6	14°24'31	1♉57	24°19	18°12	9°36	16°26	16°48	2°26	4° 8	11° 5	28°D20	29° 0	27°47	n.a.	S 10
S 11	1 8 2	15°24'54	13°45	23°14	18°25	10°21	16°19	16°44	2°25	4°10	11° 7	28°21	28°57	27°53	n.a.	S 11
M12	1 11 59	16°25'18	25°34	22° 3	18°35	11° 7	16°13	16°41	2°23	4°12	11° 9	28°22	28°54	28° 0	n.a.	M12
T 13	1 15 55	17°25'45	7♊29	20°47	18°43	11°52	16° 8	16°37	2°22	4°14	11°11	28°23	28°51	28° 7	n.a.	T 13
W14	1 19 52	18°26'13	19°32	19°27	18°49	12°38	16° 2	16°33	2°20	4°17	11°13	28°24	28°47	28°13	n.a.	W14
T 15	1 23 48	19°26'43	1♋49	18° 7	18°52	13°23	15°56	16°29	2°19	4°19	11°15	28°25	28°44	28°20	n.a.	T 15
F 16	1 27 45	20°27'16	14°22	16°49	18°R53	14° 9	15°51	16°26	2°18	4°21	11°17	28°25	28°41	28°27	n.a.	F 16
S 17	1 31 42	21°27'50	27°16	15°36	18°52	14°55	15°46	16°22	2°16	4°23	11°19	28°R25	28°38	28°33	n.a.	S 17
S 18	1 35 38	22°28'26	10♌35	14°29	18°48	15°40	15°41	16°19	2°15	4°25	11°21	28°25	28°35	28°40	n.a.	S 18
M19	1 39 35	23°29'04	24°21	13°32	18°42	16°26	15°36	16°16	2°14	4°28	11°23	28°25	28°32	28°47	n.a.	M19
T 20	1 43 31	24°29'43	8♍33	12°45	18°34	17°12	15°31	16°13	2°12	4°30	11°25	28°24	28°28	28°53	n.a.	T 20
W21	1 47 28	25°30'25	23°11	12° 9	18°23	17°58	15°27	16° 9	2°11	4°32	11°26	28°24	28°25	29° 0	n.a.	W21
T 22	1 51 24	26°31'08	8♎ 9	11°44	18° 9	18°44	15°22	16° 6	2°10	4°34	11°28	28°23	28°22	29° 7	n.a.	T 22
F 23	1 55 21	27°31'53	23°20	11°32	17°53	19°30	15°18	16° 3	2° 9	4°37	11°30	28°23	28°19	29°13	n.a.	F 23
S 24	1 59 17	28°32'39	8♏34	11°D30	17°35	20°16	15°14	16° 0	2° 8	4°39	11°32	28°23	28°16	29°20	n.a.	S 24
S 25	2 3 14	29°33'27	23°41	11°40	17°15	21° 2	15°10	15°58	2° 7	4°41	11°33	28°23	28°13	29°26	n.a.	S 25
M26	2 7 11	0♏34'16	8♐33	11°59	16°52	21°48	15° 7	15°55	2° 6	4°43	11°35	28°23	28° 9	29°33	n.a.	M26
T 27	2 11 7	1°35'06	23° 3	12°28	16°27	22°34	15° 3	15°52	2° 5	4°46	11°37	28°23	28° 6	29°40	n.a.	T 27
W28	2 15 4	2°35'57	7♑ 7	13° 5	16° 1	23°20	15° 0	15°50	2° 4	4°48	11°38	28°22	28° 3	29°46	n.a.	W28
T 29	2 19 0	3°36'49	20°44	13°49	15°32	24° 6	14°57	15°47	2° 4	4°50	11°40	28°22	28° 0	29°53	n.a.	T 29
F 30	2 22 57	4°37'43	3♒55	14°39	15° 2	24°53	14°54	15°45	2° 3	4°52	11°42	28°D22	27°57	29°59	n.a.	F 30
S 31	2 26 53	5♏38'37	16♒43	15♎36	14♏30	25♐39	14♓52	15♓43	2♓ 2	4♏55	11♍43	28♈22	27♈53	0♉ 6	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	2s 9	28s13	5s 1	13s23	3s 2	21s58	5s45	22s22	1s26	6s37	1s45	7s31	2s44	11s22	0s48	11s12	1n50	22n37	16n20	11n 6	11n24	10n12			n.a.
F 2	2 34	26 37	5 14	13 27	2 59	22 9	5 48	22 31	1 27	6 40	1 45	7 33	2 44	11 23	0 48	11 13	1 50	22 36	16 20	11 6	11 23	10 16			n.a.
S 3	2 58	23 40	5 12	13 26	2 55	22 20	5 50	22 39	1 27	6 43	1 45	7 35	2 43	11 24	0 48	11 14	1 50	22 35	16 20	11 5	11 22	10 19			n.a.
S 4	3 22	19 40	4 54	13 21	2 50	22 30	5 53	22 48	1 27	6 45	1 45	7 36	2 43	11 24	0 48	11 14	1 50	22 35	16 21	11 4	11 21	10 22			n.a.
M 5	3 45	14 53	4 23	13 12	2 43	22 39	5 55	22 56	1 27	6 48	1 44	7 38	2 43	11 25	0 48	11 15	1 50	22 34	16 21	11 3	11 20	10 25			n.a.
T 6	4 9	9 36	3 40	12 57	2 35	22 47	5 56	23 4	1 27	6 50	1 44	7 39	2 43	11 26	0 48	11 16	1 50	22 34	16 21	11 2	11 19	10 29			n.a.
W 7	4 33	4 0	2 48	12 38	2 25	22 54	5 58	23 12	1 27	6 53	1 44	7 41	2 43	11 26	0 48	11 16	1 50	22 33	16 21	11 1	11 18	10 32			n.a.
T 8	4 57	1n40	1 49	12 13	2 13	23 1	5 59	23 20	1 27	6 55	1 44	7 42	2 43	11 27	0 48	11 17	1 50	22 33	16 22	11 0	11 17	10 35			n.a.
F 9	5 21	7 16	0 45	11 43	1 59	23 6	5 59	23 27	1 27	6 58	1 44	7 44	2 43	11 27	0 48	11 18	1 50	22 32	16 22	11 0	11 15	10 38			n.a.
S 10	5 44	12 36	0n20	11 8	1 44	23 11	5 59	23 34	1 27	7 0	1 44	7 45	2 43	11 28	0 48	11 19	1 50	22 31	16 22	11 0	11 14	10 42			n.a.
S 11	6 8	17 29	1 24	10 28	1 27	23 14	5 59	23 41	1 27	7 2	1 43	7 47	2 43	11 28	0 48	11 19	1 50	22 31	16 23	11 0	11 13	10 45			n.a.
M12	6 31	21 43	2 25	9 44	1 8	23 17	5 59	23 47	1 27	7 4	1 43	7 48	2 42	11 29	0 48	11 20	1 50	22 31	16 23	11 0	11 12	10 48			n.a.
T 13	6 55	25 5	3 21	8 57	0 49	23 18	5 58	23 54	1 27	7 7	1 43	7 50	2 42	11 30	0 48	11 21	1 50	22 30	16 23	11 1	11 11	10 51			n.a.
W14	7 18	27 24	4 8	8 8	0 28	23 18	5 56	24 0	1 27	7 9	1 43	7 51	2 42	11 30	0 48	11 22	1 50	22 30	16 24	11 1	11 10	10 55			n.a.
T 15	7 41	28 25	4 44	7 18	0 8	23 17	5 54	24 6	1 27	7 11	1 43	7 52	2 42	11 30	0 48	11 22	1 50	22 29	16 24	11 2	11 9	10 58			n.a.
F 16	8 4	28 1	5 8	6 29	0n13	23 15	5 52	24 11	1 27	7 12	1 42	7 53	2 42	11 31	0 48	11 23	1 50	22 29	16 24	11 2	11 7	11 1			n.a.
S 17	8 27	26 7	5 18	5 42	0 33	23 12	5 49	24 17	1 27	7 14	1 42	7 55	2 42	11 31	0 48	11 24	1 50	22 28	16 25	11 2	11 6	11 4			n.a.
S 18	8 50	22 45	5 11	4 59	0 52	23 8	5 46	24 22	1 27	7 16	1 42	7 56	2 42	11 32	0 48	11 25	1 50	22 28	16 25	11 2	11 5	11 7			n.a.
M19	9 13	18 2	4 46	4 20	1 9	23 2	5 41	24 27	1 27	7 18	1 42	7 57	2 41	11 32	0 48	11 26	1 50	22 28	16 25	11 1	11 4	11 11			n.a.
T 20	9 36	12 12	4 3	3 47	1 25	22 55	5 37	24 31	1 27	7 19	1 41	7 58	2 41	11 33	0 48	11 26	1 50	22 27	16 26	11 1	11 3	11 14			n.a.
W21	9 58	5 32	3 4	3 20	1 39	22 47	5 31	24 36	1 27	7 21	1 41	7 59	2 41	11 33	0 48	11 27	1 50	22 27	16 26	11 1	11 2	11 17			n.a.
T 22	10 20	1s35	1 50	2 59	1 51	22 37	5 25	24 40	1 27	7 22	1 41	8 0	2 41	11 33	0 48	11 28	1 50	22 26	16 27	11 1	11 1	11 20			n.a.
F 23	10 42	8 43	0 28	2 45	2 1	22 26	5 19	24 43	1 27	7 24	1 41	8 1	2 41	11 34	0 48	11 29	1 50	22 26	16 27	11 1	10 59	11 23			n.a.
S 24	11 4	15 24	0s56	2 37	2 10	22 14	5 12	24 47	1 27	7 25	1 40	8 2	2 40	11 34	0 48	11 29	1 50	22 26	16 28	11 1	10 58	11 27			n.a.
S 25	11 26	21 5	2 16	2 34	2 16	22 0	5 4	24 50	1 27	7 26	1 40	8 3	2 40	11 35	0 48	11 30	1 50	22 26	16 28	11 1	10 57	11 30			n.a.
M26	11 48	25 21	3 25	2 38	2 21	21 46	4 55	24 53	1 27	7 27	1 40	8 4	2 40	11 35	0 48	11 31	1 50	22 25	16 28	11 1	10 56	11 33			n.a.
T 27	12 9	27 50	4 20	2 46	2 24	21 29	4 46	24 56	1 27	7 28	1 39	8 5	2 40	11 35	0 48	11 32	1 50	22 25	16 29	11 1	10 55	11 36			n.a.
W28	12 30	28 26	4 56	2 58	2 26	21 12	4 36	24 58	1 26	7 29	1 39	8 6	2 40	11 35	0 48	11 32	1 50	22 25	16 29	11 1	10 54	11 39			n.a.
T 29	12 51	27 16	5 15	3 15	2 27	20 53	4 25	25 0	1 26	7 30	1 39	8 6	2 39	11 36	0 48	11 33	1 50	22 24	16 30	11 1	10 52	11 43			n.a.
F 30	13 12	24 36	5 16	3 35	2 27	20 33	4 14	25 2	1 26	7 31	1 39	8 7	2 39	11 36	0 48	11 34	1 50	22 24	16 30	11 0	10 51	11 46			n.a.
S 31	13s33	20s47	5s 2	3s58	2n25	20s12	4s 2	25s 4	1s26	7s32	1s38	8s 8	2s39	11s36	0s47	11s35	1n50	22n24	16n31	11n 1	10n50	11n49			n.a.

Julian Day Number = 1719139.5, Delta T = 02h56m51s
Ecliptic obliquity = 23°41'53, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°08'53, Lahiri = - 4°01'52 Julian Calendar 1 Oct. 7 BCE == Greg. Calendar 29 Sept. 007 BCE

The year -06 astronomical counting style corresponds to year 007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 7 BCE
geocentric

NOVEMBER 7 BCE (-6) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 30 50	6♏39'32	29♒11	16♎37	13°R56	26♐25	14°R49	15°R41	2°R 1	4♏57	11♍45	28♈23	27♈50	0♉13	n.a.	S 1
M 2	2 34 46	7°40'28	11♓24	17°43	13♏22	27°12	14♓47	15♓39	2♓ 1	4°59	11°46	28°23	27°47	0°20	n.a.	M 2
T 3	2 38 43	8°41'24	23°25	18°52	12°47	27°58	14°45	15°37	2° 0	5° 1	11°48	28°25	27°44	0°26	n.a.	T 3
W 4	2 42 40	9°42'22	5♈18	20° 4	12°11	28°44	14°44	15°35	2° 0	5° 4	11°49	28°26	27°41	0°33	n.a.	W 4
T 5	2 46 36	10°43'21	17° 7	21°20	11°34	29°31	14°42	15°33	1°59	5° 6	11°51	28°26	27°38	0°40	n.a.	T 5
F 6	2 50 33	11°44'20	28°55	22°38	10°58	0♊17	14°41	15°32	1°59	5° 8	11°52	28°R27	27°34	0°46	n.a.	F 6
S 7	2 54 29	12°45'21	10♉43	23°57	10°21	1° 4	14°39	15°30	1°59	5°10	11°53	28°26	27°31	0°53	n.a.	S 7
S 8	2 58 26	13°46'23	22°34	25°19	9°45	1°50	14°39	15°29	1°58	5°13	11°55	28°25	27°28	0°59	n.a.	S 8
M 9	3 2 22	14°47'25	4♊31	26°42	9°10	2°37	14°38	15°28	1°58	5°15	11°56	28°23	27°25	1° 6	n.a.	M 9
T 10	3 6 19	15°48'29	16°34	28° 7	8°35	3°23	14°37	15°26	1°58	5°17	11°57	28°20	27°22	1°13	n.a.	T 10
W11	3 10 15	16°49'34	28°46	29°32	8° 2	4°10	14°37	15°25	1°58	5°19	11°59	28°17	27°18	1°19	n.a.	W11
T 12	3 14 12	17°50'39	11♋10	0♏58	7°30	4°56	14°D37	15°24	1°58	5°22	12° 0	28°14	27°15	1°26	n.a.	T 12
F 13	3 18 9	18°51'46	23°47	2°26	6°59	5°43	14°37	15°23	1°D57	5°24	12° 1	28°12	27°12	1°33	n.a.	F 13
S 14	3 22 5	19°52'54	6♌40	3°54	6°30	6°30	14°37	15°23	1°57	5°26	12° 2	28°10	27° 9	1°39	n.a.	S 14
S 15	3 26 2	20°54'02	19°53	5°22	6° 3	7°16	14°38	15°22	1°58	5°28	12° 3	28°D10	27° 6	1°46	n.a.	S 15
M16	3 29 58	21°55'12	3♍27	6°51	5°39	8° 3	14°38	15°22	1°58	5°30	12° 4	28°10	27° 3	1°53	n.a.	M16
T 17	3 33 55	22°56'23	17°24	8°21	5°16	8°50	14°39	15°21	1°58	5°33	12° 6	28°11	26°59	1°59	n.a.	T 17
W18	3 37 51	23°57'34	1♎43	9°51	4°55	9°36	14°41	15°21	1°58	5°35	12° 7	28°13	26°56	2° 6	n.a.	W18
T 19	3 41 48	24°58'46	16°24	11°21	4°37	10°23	14°42	15°21	1°58	5°37	12° 8	28°14	26°53	2°13	n.a.	T 19
F 20	3 45 44	25°59'59	1♏21	12°52	4°21	11°10	14°43	15°D21	1°59	5°39	12° 9	28°R14	26°50	2°19	n.a.	F 20
S 21	3 49 41	27° 1'13	16°27	14°23	4° 8	11°56	14°45	15°21	1°59	5°41	12°10	28°13	26°47	2°26	n.a.	S 21
S 22	3 53 38	28° 2'27	1♐34	15°54	3°57	12°43	14°47	15°21	1°59	5°43	12°10	28°11	26°44	2°33	n.a.	S 22
M23	3 57 34	29° 3'42	16°31	17°26	3°49	13°30	14°49	15°21	2° 0	5°46	12°11	28° 7	26°40	2°39	n.a.	M23
T 24	4 1 31	0♑ 4'57	1♑11	18°58	3°43	14°17	14°52	15°21	2° 0	5°48	12°12	28° 2	26°37	2°46	n.a.	T 24
W25	4 5 27	1° 6'12	15°27	20°30	3°39	15° 3	14°54	15°22	2° 1	5°50	12°13	27°57	26°34	2°52	n.a.	W25
T 26	4 9 24	2° 7'27	29°15	22° 2	3°D38	15°50	14°57	15°22	2° 2	5°52	12°14	27°52	26°31	2°59	n.a.	T 26
F 27	4 13 20	3° 8'43	12♒34	23°35	3°40	16°37	15° 0	15°23	2° 2	5°54	12°14	27°48	26°28	3° 6	n.a.	F 27
S 28	4 17 17	4° 9'58	25°27	25° 8	3°44	17°24	15° 3	15°24	2° 3	5°56	12°15	27°46	26°24	3°12	n.a.	S 28
S 29	4 21 14	5°11'13	7♓56	26°41	3°50	18°11	15° 7	15°25	2° 4	5°58	12°16	27°D46	26°21	3°19	n.a.	S 29
M30	4 25 10	6♐12'27	20♓ 8	28♏14	3♏58	18♑57	15♓10	15♓26	2♓ 5	6♏ 0	12♍16	27♈47	26♈18	3♉26	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s53	16s 8	4s33	4s24	2n23	19s50	3s49	25s 5	1s26	7s33	1s38	8s 8	2s39	11s36	0s47	11s35	1n50	22n24	16n31	11n 1	10n49	11n52		n.a.
M 2	14 13	10 57	3 53	4 52	2 20	19 27	3 36	25 6	1 26	7 33	1 38	8 9	2 39	11 36	0 47	11 36	1 50	22 24	16 32	11 1	10 48	11 55		n.a.
T 3	14 33	5 26	3 3	5 22	2 16	19 3	3 23	25 7	1 26	7 34	1 37	8 10	2 38	11 37	0 47	11 37	1 50	22 24	16 32	11 1	10 47	11 59		n.a.
W 4	14 53	0n13	2 5	5 54	2 12	18 39	3 9	25 7	1 25	7 34	1 37	8 10	2 38	11 37	0 47	11 38	1 50	22 23	16 33	11 2	10 46	12 2		n.a.
T 5	15 12	5 50	1 2	6 27	2 7	18 13	2 54	25 7	1 25	7 34	1 37	8 11	2 38	11 37	0 47	11 39	1 50	22 23	16 33	11 2	10 44	12 5		n.a.
F 6	15 31	11 15	0n 3	7 1	2 2	17 48	2 39	25 7	1 25	7 35	1 36	8 11	2 38	11 37	0 47	11 39	1 50	22 23	16 33	11 2	10 43	12 8		n.a.
S 7	15 50	16 16	1 8	7 35	1 57	17 22	2 24	25 6	1 25	7 35	1 36	8 11	2 38	11 37	0 47	11 40	1 50	22 23	16 34	11 2	10 42	12 11		n.a.
S 8	16 9	20 42	2 10	8 11	1 51	16 56	2 9	25 6	1 25	7 35	1 36	8 12	2 37	11 37	0 47	11 41	1 50	22 23	16 34	11 2	10 41	12 14		n.a.
M 9	16 27	24 20	3 7	8 47	1 45	16 29	1 53	25 5	1 24	7 35	1 36	8 12	2 37	11 37	0 47	11 41	1 50	22 23	16 35	11 1	10 40	12 18		n.a.
T 10	16 45	26 55	3 56	9 23	1 38	16 3	1 38	25 3	1 24	7 35	1 35	8 12	2 37	11 37	0 47	11 42	1 50	22 23	16 36	11 0	10 39	12 21		n.a.
W11	17 3	28 16	4 35	10 0	1 32	15 38	1 22	25 2	1 24	7 35	1 35	8 12	2 37	11 37	0 47	11 43	1 50	22 23	16 36	10 59	10 38	12 24		n.a.
T 12	17 20	28 14	5 2	10 37	1 25	15 12	1 6	25 0	1 24	7 34	1 35	8 13	2 36	11 37	0 47	11 44	1 50	22 23	16 37	10 58	10 36	12 27		n.a.
F 13	17 37	26 44	5 14	11 14	1 18	14 48	0 51	24 58	1 23	7 34	1 34	8 13	2 36	11 37	0 47	11 44	1 50	22 23	16 37	10 57	10 35	12 30		n.a.
S 14	17 54	23 50	5 12	11 50	1 11	14 23	0 35	24 55	1 23	7 34	1 34	8 13	2 36	11 37	0 47	11 45	1 50	22 23	16 38	10 56	10 34	12 33		n.a.
S 15	18 10	19 38	4 53	12 27	1 4	14 0	0 20	24 53	1 23	7 33	1 34	8 13	2 36	11 37	0 47	11 46	1 50	22 23	16 38	10 56	10 33	12 37		n.a.
M16	18 27	14 21	4 18	13 3	0 57	13 38	0 5	24 50	1 23	7 33	1 33	8 13	2 35	11 37	0 47	11 47	1 50	22 23	16 39	10 56	10 32	12 40		n.a.
T 17	18 42	8 11	3 26	13 39	0 50	13 16	0n 9	24 46	1 22	7 32	1 33	8 13	2 35	11 37	0 47	11 47	1 50	22 23	16 39	10 57	10 31	12 43		n.a.
W18	18 58	1 27	2 21	14 15	0 43	12 56	0 24	24 43	1 22	7 31	1 33	8 13	2 35	11 37	0 47	11 48	1 50	22 23	16 40	10 57	10 29	12 46		n.a.
T 19	19 13	5s31	1 5	14 50	0 35	12 37	0 37	24 39	1 22	7 30	1 32	8 12	2 35	11 37	0 47	11 49	1 50	22 23	16 40	10 58	10 28	12 49		n.a.
F 20	19 28	12 20	0s17	15 25	0 28	12 19	0 51	24 35	1 21	7 29	1 32	8 12	2 34	11 37	0 47	11 49	1 50	22 23	16 41	10 58	10 27	12 52		n.a.
S 21	19 42	18 30	1 38	15 59	0 21	12 2	1 4	24 30	1 21	7 28	1 32	8 12	2 34	11 36	0 47	11 50	1 50	22 24	16 41	10 57	10 26	12 55		n.a.
S 22	19 56	23 31	2 53	16 33	0 14	11 46	1 17	24 25	1 21	7 27	1 31	8 12	2 34	11 36	0 47	11 51	1 50	22 24	16 42	10 56	10 25	12 59		n.a.
M23	20 10	26 53	3 54	17 6	0 7	11 32	1 29	24 20	1 20	7 26	1 31	8 11	2 34	11 36	0 47	11 52	1 50	22 24	16 43	10 55	10 24	13 2		n.a.
T 24	20 23	28 21	4 39	17 39	0 0	11 19	1 41	24 15	1 20	7 25	1 31	8 11	2 33	11 36	0 47	11 52	1 50	22 24	16 43	10 53	10 22	13 5		n.a.
W25	20 36	27 50	5 5	18 10	0s 7	11 7	1 52	24 10	1 20	7 24	1 30	8 11	2 33	11 36	0 46	11 53	1 50	22 24	16 44	10 51	10 21	13 8		n.a.
T 26	20 49	25 37	5 12	18 41	0 13	10 57	2 3	24 4	1 19	7 22	1 30	8 10	2 33	11 35	0 46	11 54	1 50	22 24	16 44	10 50	10 20	13 11		n.a.
F 27	21 1	22 2	5 2	19 12	0 20	10 48	2 13	23 58	1 19	7 21	1 30	8 10	2 33	11 35	0 46	11 54	1 50	22 25	16 45	10 48	10 19	13 14		n.a.
S 28	21 12	17 31	4 37	19 41	0 27	10 40	2 23	23 51	1 19	7 19	1 30	8 9	2 32	11 35	0 46	11 55	1 50	22 25	16 45	10 48	10 18	13 17		n.a.
S 29	21 24	12 22	3 59	20 10	0 33	10 33	2 32	23 45	1 18	7 18	1 29	8 8	2 32	11 34	0 46	11 56	1 50	22 25	16 46	10 48	10 17	13 20		n.a.
M30	21s35	6s52	3s11	20s37	0s39	10s28	2n41	23s38	1s18	7s16	1s29	8s 8	2s32	11s34	0s46	11s56	1n50	22n25	16n47	10n48	10n16	13n24		n.a.

Julian Day Number = 1719170.5, Delta T = 02h56m50s
Ecliptic obliquity = 23°41'53, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°08'48, Lahiri = - 4°01'48 Julian Calendar 1 Nov. 7 BCE == Greg. Calendar 30 Oct. 007 BCE

The year -06 astronomical counting style corresponds to year 007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 7 BCE
geocentric

DECEMBER 7 BCE (-6) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 29 7	7♐13'42	2♈ 6	29♏48	4♏ 9	19♑44	15♓14	15♓27	2♓ 5	6♏ 2	12♍17	27♈49	26♈15	3♉32	n.a.	T 1
W 2	4 33 3	8°14'56	13°56	1♐21	4°22	20°31	15°18	15°28	2° 6	6° 4	12°18	27°50	26°12	3°39	n.a.	W 2
T 3	4 37 0	9°16'11	25°42	2°56	4°37	21°18	15°22	15°30	2° 7	6° 6	12°18	27°R51	26° 9	3°46	n.a.	T 3
F 4	4 40 56	10°17'25	7♉29	4°30	4°54	22° 4	15°26	15°31	2° 8	6° 8	12°19	27°51	26° 5	3°52	n.a.	F 4
S 5	4 44 53	11°18'38	19°20	6° 5	5°14	22°51	15°31	15°33	2°10	6°10	12°19	27°48	26° 2	3°59	n.a.	S 5
S 6	4 48 49	12°19'52	1♊19	7°40	5°35	23°38	15°36	15°34	2°11	6°12	12°20	27°43	25°59	4° 6	n.a.	S 6
M 7	4 52 46	13°21'06	13°25	9°15	5°58	24°25	15°41	15°36	2°12	6°14	12°20	27°37	25°56	4°12	n.a.	M 7
T 8	4 56 43	14°22'19	25°42	10°51	6°23	25°11	15°46	15°38	2°13	6°16	12°20	27°28	25°53	4°19	n.a.	T 8
W 9	5 0 39	15°23'32	8♋10	12°27	6°49	25°58	15°51	15°40	2°14	6°18	12°21	27°19	25°50	4°26	n.a.	W 9
T 10	5 4 36	16°24'46	20°50	14° 4	7°18	26°45	15°56	15°42	2°16	6°19	12°21	27°10	25°46	4°32	n.a.	T 10
F 11	5 8 32	17°25'58	3♌41	15°41	7°48	27°32	16° 2	15°45	2°17	6°21	12°21	27° 1	25°43	4°39	n.a.	F 11
S 12	5 12 29	18°27'11	16°45	17°19	8°19	28°18	16° 8	15°47	2°19	6°23	12°21	26°55	25°40	4°45	n.a.	S 12
S 13	5 16 25	19°28'24	0♍ 2	18°56	8°52	29° 5	16°14	15°49	2°20	6°25	12°22	26°51	25°37	4°52	n.a.	S 13
M14	5 20 22	20°29'36	13°33	20°35	9°27	29°52	16°20	15°52	2°21	6°27	12°22	26°49	25°34	4°59	n.a.	M14
T 15	5 24 19	21°30'48	27°20	22°14	10° 3	0♒38	16°26	15°54	2°23	6°28	12°22	26°D49	25°30	5° 5	n.a.	T 15
W16	5 28 15	22°32'00	11♎23	23°53	10°40	1°25	16°33	15°57	2°25	6°30	12°22	26°49	25°27	5°12	n.a.	W16
T 17	5 32 12	23°33'12	25°42	25°33	11°19	2°12	16°39	16° 0	2°26	6°32	12°22	26°R50	25°24	5°19	n.a.	T 17
F 18	5 36 8	24°34'24	10♏15	27°13	11°59	2°58	16°46	16° 3	2°28	6°33	12°R22	26°49	25°21	5°25	n.a.	F 18
S 19	5 40 5	25°35'35	24°58	28°54	12°40	3°45	16°53	16° 6	2°30	6°35	12°22	26°46	25°18	5°32	n.a.	S 19
S 20	5 44 1	26°36'46	9♐46	0♑35	13°22	4°32	17° 0	16° 9	2°32	6°37	12°22	26°41	25°15	5°39	n.a.	S 20
M21	5 47 58	27°37'56	24°30	2°17	14° 5	5°18	17° 8	16°13	2°33	6°38	12°22	26°32	25°11	5°45	n.a.	M21
T 22	5 51 54	28°39'06	9♑ 3	3°59	14°49	6° 5	17°15	16°16	2°35	6°40	12°22	26°22	25° 8	5°52	n.a.	T 22
W23	5 55 51	29°40'15	23°17	5°41	15°35	6°51	17°23	16°19	2°37	6°41	12°21	26°11	25° 5	5°59	n.a.	W23
T 24	5 59 48	0♑41'22	7♒ 7	7°24	16°21	7°38	17°30	16°23	2°39	6°43	12°21	26° 1	25° 2	6° 5	n.a.	T 24
F 25	6 3 44	1°42'29	20°31	9° 8	17° 8	8°24	17°38	16°27	2°41	6°44	12°21	25°52	24°59	6°12	n.a.	F 25
S 26	6 7 41	2°43'35	3♓29	10°51	17°56	9°11	17°46	16°30	2°43	6°46	12°21	25°46	24°56	6°19	n.a.	S 26
S 27	6 11 37	3°44'39	16° 3	12°35	18°45	9°57	17°55	16°34	2°45	6°47	12°20	25°42	24°52	6°25	n.a.	S 27
M28	6 15 34	4°45'42	28°17	14°19	19°35	10°44	18° 3	16°38	2°47	6°49	12°20	25°40	24°49	6°32	n.a.	M28
T 29	6 19 30	5°46'44	10♈16	16° 3	20°25	11°30	18°11	16°42	2°50	6°50	12°20	25°D40	24°46	6°38	n.a.	T 29
W30	6 23 27	6°47'44	22° 7	17°47	21°16	12°17	18°20	16°46	2°52	6°51	12°19	25°R41	24°43	6°45	n.a.	W30
T 31	6 27 23	7♑48'44	3♉53	19♑30	22♏ 8	13♒ 3	18♓29	16♓50	2♓54	6♏53	12♍19	25♈40	24♈40	6♉52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	21s45	1s14	2s16	21s 4	0s46	10s23	2n49	23s30	1s18	7s14	1s29	8s 7	2s32	11s34	0s46	11s57	1n50	22n26	16n47	10n48	10n14	13n27			n.a.
W 2	21 55	4n24	1 15	21 30	0 52	10 20	2 57	23 23	1 17	7 12	1 28	8 6	2 31	11 33	0 46	11 57	1 50	22 26	16 48	10 49	10 13	13 30			n.a.
T 3	22 5	9 51	0 12	21 54	0 57	10 19	3 4	23 15	1 17	7 11	1 28	8 6	2 31	11 33	0 46	11 58	1 50	22 26	16 48	10 49	10 12	13 33			n.a.
F 4	22 14	14 59	0n52	22 18	1 3	10 18	3 11	23 7	1 16	7 9	1 28	8 5	2 31	11 33	0 46	11 59	1 50	22 27	16 49	10 49	10 11	13 36			n.a.
S 5	22 23	19 35	1 54	22 41	1 9	10 18	3 18	22 59	1 16	7 6	1 27	8 4	2 31	11 32	0 46	11 59	1 50	22 27	16 50	10 48	10 10	13 39			n.a.
S 6	22 31	23 26	2 51	23 2	1 14	10 19	3 24	22 51	1 16	7 4	1 27	8 3	2 30	11 32	0 46	12 0	1 50	22 27	16 50	10 47	10 9	13 42			n.a.
M 7	22 39	26 19	3 41	23 23	1 19	10 22	3 30	22 42	1 15	7 2	1 27	8 2	2 30	11 31	0 46	12 1	1 50	22 28	16 51	10 44	10 7	13 45			n.a.
T 8	22 46	27 59	4 22	23 42	1 24	10 25	3 35	22 33	1 15	7 0	1 26	8 1	2 30	11 31	0 46	12 1	1 50	22 28	16 51	10 41	10 6	13 48			n.a.
W 9	22 53	28 16	4 50	24 0	1 29	10 29	3 40	22 24	1 14	6 58	1 26	8 0	2 30	11 30	0 46	12 2	1 50	22 29	16 52	10 38	10 5	13 51			n.a.
T 10	23 0	27 5	5 5	24 17	1 33	10 34	3 44	22 14	1 14	6 55	1 26	7 59	2 29	11 30	0 46	12 2	1 50	22 29	16 52	10 34	10 4	13 55			n.a.
F 11	23 6	24 28	5 5	24 32	1 37	10 40	3 48	22 5	1 13	6 53	1 26	7 58	2 29	11 29	0 46	12 3	1 50	22 29	16 53	10 31	10 3	13 58			n.a.
S 12	23 11	20 34	4 49	24 46	1 41	10 46	3 52	21 55	1 13	6 50	1 25	7 57	2 29	11 29	0 46	12 3	1 50	22 30	16 54	10 29	10 2	14 1			n.a.
S 13	23 16	15 35	4 17	24 59	1 45	10 53	3 56	21 45	1 12	6 47	1 25	7 56	2 29	11 28	0 46	12 4	1 50	22 30	16 54	10 27	10 0	14 4			n.a.
M14	23 21	9 46	3 31	25 10	1 48	11 1	3 59	21 34	1 12	6 45	1 25	7 54	2 28	11 27	0 46	12 5	1 50	22 31	16 55	10 27	9 59	14 7			n.a.
T 15	23 25	3 23	2 32	25 19	1 52	11 10	4 1	21 24	1 12	6 42	1 24	7 53	2 28	11 27	0 46	12 5	1 51	22 31	16 55	10 27	9 58	14 10			n.a.
W16	23 29	3s18	1 22	25 27	1 54	11 19	4 4	21 13	1 11	6 39	1 24	7 52	2 28	11 26	0 46	12 6	1 51	22 32	16 56	10 27	9 57	14 13			n.a.
T 17	23 32	9 57	0 6	25 34	1 57	11 29	4 6	21 2	1 11	6 36	1 24	7 50	2 28	11 26	0 46	12 6	1 51	22 32	16 57	10 27	9 56	14 16			n.a.
F 18	23 35	16 11	1s11	25 39	1 59	11 40	4 8	20 51	1 10	6 33	1 24	7 49	2 27	11 25	0 46	12 7	1 51	22 33	16 57	10 27	9 55	14 19			n.a.
S 19	23 37	21 33	2 25	25 42	2 1	11 50	4 10	20 39	1 10	6 30	1 23	7 48	2 27	11 24	0 46	12 7	1 51	22 33	16 58	10 26	9 53	14 22			n.a.
S 20	23 39	25 35	3 28	25 44	2 2	12 2	4 11	20 27	1 9	6 27	1 23	7 46	2 27	11 24	0 46	12 8	1 51	22 34	16 58	10 24	9 52	14 25			n.a.
M21	23 41	27 53	4 18	25 44	2 3	12 14	4 12	20 15	1 9	6 24	1 23	7 45	2 27	11 23	0 45	12 8	1 51	22 35	16 59	10 21	9 51	14 28			n.a.
T 22	23 41	28 12	4 50	25 42	2 3	12 26	4 13	20 3	1 8	6 21	1 22	7 43	2 26	11 22	0 45	12 9	1 51	22 35	16 59	10 17	9 50	14 31			n.a.
W23	23 42	26 38	5 3	25 38	2 4	12 38	4 13	19 51	1 8	6 18	1 22	7 42	2 26	11 21	0 45	12 9	1 51	22 36	17 0	10 13	9 49	14 35			n.a.
T 24	23 42	23 29	4 58	25 32	2 3	12 51	4 14	19 38	1 7	6 14	1 22	7 40	2 26	11 21	0 45	12 9	1 51	22 36	17 1	10 9	9 47	14 38			n.a.
F 25	23 41	19 10	4 36	25 25	2 2	13 4	4 14	19 26	1 7	6 11	1 22	7 38	2 26	11 20	0 45	12 10	1 51	22 37	17 1	10 6	9 46	14 41			n.a.
S 26	23 40	14 4	4 1	25 15	2 1	13 18	4 14	19 13	1 6	6 8	1 21	7 37	2 25	11 19	0 45	12 10	1 51	22 38	17 2	10 4	9 45	14 44			n.a.
S 27	23 39	8 33	3 15	25 4	1 59	13 31	4 14	19 0	1 6	6 4	1 21	7 35	2 25	11 18	0 45	12 11	1 51	22 38	17 2	10 2	9 44	14 47			n.a.
M28	23 37	2 50	2 21	24 51	1 56	13 45	4 13	18 46	1 5	6 1	1 21	7 33	2 25	11 17	0 45	12 11	1 51	22 39	17 3	10 2	9 43	14 50			n.a.
T 29	23 34	2n52	1 21	24 36	1 53	13 59	4 12	18 33	1 4	5 57	1 21	7 31	2 25	11 17	0 45	12 12	1 51	22 40	17 3	10 2	9 42	14 53			n.a.
W30	23 31	8 24	0 19	24 19	1 49	14 14	4 11	18 19	1 4	5 53	1 20	7 30	2 25	11 16	0 45	12 12	1 51	22 40	17 4	10 2	9 40	14 56			n.a.
T 31	23s28	13n38	0n44	24s 0	1s45	14s28	4n10	18s 5	1s 3	5s50	1s20	7s28	2s24	11s15	0s45	12s12	1n51	22n41	17n 5	10n 2	9n39	14n59			n.a.

Julian Day Number = 1719200.5, Delta T = 02h56m49s
Ecliptic obliquity = 23°41'52, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°08'44, Lahiri = - 4°01'44 Julian Calendar 1 Dec. 7 BCE == Greg. Calendar 29 Nov. 007 BCE

The year -06 astronomical counting style corresponds to year 007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 6 BCE
geocentric

JANUARY 6 BCE (-5) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 31 20	8♉49'42	15♉42	21♉14	23♏ 1	13♒50	18♓38	16♓55	2♓56	6♏54	12°R18	25°R39	24♈36	6♉58	n.a.	F 1
S 2	6 35 17	9°50'38	27°36	22°56	23°54	14°36	18°47	16°59	2°59	6°55	12♍18	25♈34	24°33	7° 5	n.a.	S 2
S 3	6 39 13	10°51'34	9♊41	24°38	24°48	15°22	18°56	17° 3	3° 1	6°57	12°17	25°27	24°30	7°12	n.a.	S 3
M 4	6 43 10	11°52'28	21°58	26°18	25°43	16° 8	19° 5	17° 8	3° 4	6°58	12°17	25°17	24°27	7°18	n.a.	M 4
T 5	6 47 6	12°53'21	4♋30	27°57	26°38	16°55	19°15	17°13	3° 6	6°59	12°16	25° 5	24°24	7°25	n.a.	T 5
W 6	6 51 3	13°54'12	17°17	29°34	27°34	17°41	19°24	17°17	3° 8	7° 0	12°15	24°51	24°21	7°32	n.a.	W 6
T 7	6 54 59	14°55'02	0♌17	1♒ 8	28°30	18°27	19°34	17°22	3°11	7° 1	12°15	24°38	24°17	7°38	n.a.	T 7
F 8	6 58 56	15°55'51	13°31	2°39	29°27	19°13	19°44	17°27	3°14	7° 2	12°14	24°26	24°14	7°45	n.a.	F 8
S 9	7 2 53	16°56'39	26°56	4° 7	0♐25	19°59	19°54	17°32	3°16	7° 3	12°13	24°16	24°11	7°52	n.a.	S 9
S 10	7 6 49	17°57'26	10♍30	5°31	1°22	20°45	20° 4	17°37	3°19	7° 4	12°12	24° 8	24° 8	7°58	n.a.	S 10
M11	7 10 46	18°58'11	24°13	6°50	2°21	21°32	20°14	17°42	3°21	7° 5	12°12	24° 4	24° 5	8° 5	n.a.	M11
T 12	7 14 42	19°58'55	8♎ 3	8° 3	3°20	22°18	20°24	17°47	3°24	7° 6	12°11	24° 3	24° 2	8°12	n.a.	T 12
W13	7 18 39	20°59'38	22° 2	9°10	4°19	23° 4	20°35	17°53	3°27	7° 7	12°10	24° 2	23°58	8°18	n.a.	W13
T 14	7 22 35	22° 0'20	6♏ 8	10°10	5°19	23°50	20°45	17°58	3°29	7° 8	12° 9	24° 2	23°55	8°25	n.a.	T 14
F 15	7 26 32	23° 1'00	20°21	11° 2	6°19	24°36	20°56	18° 3	3°32	7° 9	12° 8	24° 1	23°52	8°32	n.a.	F 15
S 16	7 30 28	24° 1'40	4♐39	11°46	7°19	25°21	21° 7	18° 9	3°35	7°10	12° 7	23°57	23°49	8°38	n.a.	S 16
S 17	7 34 25	25° 2'18	18°59	12°21	8°20	26° 7	21°17	18°14	3°38	7°11	12° 6	23°50	23°46	8°45	n.a.	S 17
M18	7 38 22	26° 2'55	3♑17	12°46	9°22	26°53	21°28	18°20	3°41	7°12	12° 5	23°40	23°42	8°52	n.a.	M18
T 19	7 42 18	27° 3'30	17°27	13° 1	10°23	27°39	21°39	18°26	3°44	7°12	12° 4	23°28	23°39	8°58	n.a.	T 19
W20	7 46 15	28° 4'04	1♒24	13°R 6	11°25	28°25	21°51	18°32	3°47	7°13	12° 3	23°15	23°36	9° 5	n.a.	W20
T 21	7 50 11	29° 4'36	15° 2	13° 0	12°27	29°10	22° 2	18°37	3°50	7°14	12° 2	23° 3	23°33	9°11	n.a.	T 21
F 22	7 54 8	0♒ 5'06	28°19	12°44	13°30	29°56	22°13	18°43	3°52	7°14	12° 1	22°52	23°30	9°18	n.a.	F 22
S 23	7 58 4	1° 5'34	11♓15	12°19	14°33	0♓42	22°25	18°49	3°55	7°15	12° 0	22°43	23°27	9°25	n.a.	S 23
S 24	8 2 1	2° 6'00	23°48	11°44	15°36	1°27	22°36	18°55	3°58	7°16	11°59	22°37	23°23	9°31	n.a.	S 24
M25	8 5 57	3° 6'24	6♈ 4	11° 1	16°39	2°13	22°48	19° 1	4° 2	7°16	11°58	22°34	23°20	9°38	n.a.	M25
T 26	8 9 54	4° 6'47	18° 5	10°11	17°43	2°59	23° 0	19° 7	4° 5	7°17	11°56	22°D33	23°17	9°45	n.a.	T 26
W27	8 13 51	5° 7'07	29°57	9°14	18°47	3°44	23°11	19°14	4° 8	7°17	11°55	22°R33	23°14	9°51	n.a.	W27
T 28	8 17 47	6° 7'25	11♉45	8°14	19°51	4°30	23°23	19°20	4°11	7°18	11°54	22°33	23°11	9°58	n.a.	T 28
F 29	8 21 44	7° 7'41	23°34	7°11	20°56	5°15	23°35	19°26	4°14	7°18	11°53	22°32	23° 8	10° 5	n.a.	F 29
S 30	8 25 40	8° 7'55	5♊31	6° 7	22° 0	6° 0	23°47	19°33	4°17	7°18	11°51	22°29	23° 4	10°11	n.a.	S 30
S 31	8 29 37	9♒ 8'07	17♊40	5♒ 3	23♐ 5	6♓46	23♓59	19♓39	4♓20	7♏19	11♍50	22♈23	23♈ 1	10♉18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23 s24	18n23	1n44	23 s39	1 s40	14 s43	4n 9	17 s51	1 s 3	5 s46	1 s20	7 s26	2 s24	11 s14	0 s45	12 s13	1n51	22n42	17n 5	10n 1	9n38	15n 2		n.a.
S 2	23 20	22 27	2 41	23 16	1 34	14 57	4 8	17 37	1 2	5 42	1 20	7 24	2 24	11 13	0 45	12 13	1 51	22 42	17 6	9 59	9 37	15 5		n.a.
S 3	23 15	25 37	3 31	22 52	1 27	15 12	4 6	17 23	1 2	5 38	1 19	7 22	2 24	11 12	0 45	12 14	1 51	22 43	17 6	9 57	9 36	15 8		n.a.
M 4	23 10	27 38	4 12	22 26	1 20	15 26	4 4	17 8	1 1	5 34	1 19	7 20	2 24	11 11	0 45	12 14	1 51	22 44	17 7	9 53	9 35	15 11		n.a.
T 5	23 4	28 19	4 42	21 58	1 12	15 41	4 2	16 54	1 1	5 30	1 19	7 18	2 23	11 11	0 45	12 14	1 52	22 44	17 7	9 49	9 33	15 14		n.a.
W 6	22 58	27 29	4 58	21 29	1 3	15 56	4 0	16 39	1 0	5 26	1 19	7 16	2 23	11 10	0 45	12 15	1 52	22 45	17 8	9 44	9 32	15 17		n.a.
T 7	22 51	25 10	4 59	20 59	0 53	16 10	3 58	16 24	0 59	5 22	1 18	7 14	2 23	11 9	0 45	12 15	1 52	22 46	17 8	9 39	9 31	15 20		n.a.
F 8	22 44	21 28	4 44	20 28	0 42	16 25	3 56	16 9	0 59	5 18	1 18	7 12	2 23	11 8	0 45	12 15	1 52	22 47	17 9	9 34	9 30	15 23		n.a.
S 9	22 37	16 38	4 14	19 56	0 30	16 39	3 53	15 54	0 58	5 14	1 18	7 10	2 22	11 7	0 45	12 15	1 52	22 47	17 9	9 30	9 29	15 26		n.a.
S 10	22 29	10 55	3 28	19 23	0 18	16 54	3 51	15 38	0 58	5 10	1 18	7 7	2 22	11 6	0 45	12 16	1 52	22 48	17 10	9 28	9 27	15 29		n.a.
M11	22 20	4 37	2 31	18 51	0 5	17 8	3 48	15 23	0 57	5 6	1 17	7 5	2 22	11 5	0 45	12 16	1 52	22 49	17 10	9 26	9 26	15 32		n.a.
T 12	22 12	1 s57	1 23	18 18	0n 9	17 22	3 45	15 7	0 57	5 1	1 17	7 3	2 22	11 4	0 45	12 16	1 52	22 50	17 11	9 26	9 25	15 35		n.a.
W13	22 2	8 30	0 11	17 46	0 24	17 36	3 42	14 51	0 56	4 57	1 17	7 1	2 22	11 3	0 45	12 17	1 52	22 51	17 11	9 25	9 24	15 38		n.a.
T 14	21 53	14 42	1 s 3	17 15	0 39	17 49	3 39	14 36	0 55	4 53	1 17	6 58	2 22	11 2	0 45	12 17	1 52	22 51	17 12	9 25	9 23	15 41		n.a.
F 15	21 43	20 11	2 14	16 46	0 55	18 3	3 36	14 20	0 55	4 48	1 17	6 56	2 21	11 1	0 45	12 17	1 52	22 52	17 12	9 25	9 22	15 44		n.a.
S 16	21 32	24 31	3 17	16 18	1 12	18 16	3 33	14 3	0 54	4 44	1 16	6 54	2 21	11 0	0 45	12 17	1 52	22 53	17 13	9 23	9 20	15 47		n.a.
S 17	21 21	27 20	4 7	15 52	1 28	18 29	3 29	13 47	0 54	4 39	1 16	6 51	2 21	10 59	0 45	12 17	1 52	22 54	17 13	9 21	9 19	15 50		n.a.
M18	21 10	28 21	4 42	15 29	1 45	18 42	3 26	13 31	0 53	4 35	1 16	6 49	2 21	10 57	0 45	12 18	1 52	22 55	17 14	9 17	9 18	15 53		n.a.
T 19	20 58	27 29	4 58	15 9	2 2	18 54	3 22	13 14	0 52	4 30	1 16	6 47	2 21	10 56	0 45	12 18	1 52	22 55	17 14	9 13	9 17	15 56		n.a.
W20	20 46	24 53	4 57	14 52	2 18	19 7	3 19	12 58	0 52	4 25	1 16	6 44	2 20	10 55	0 45	12 18	1 52	22 56	17 15	9 8	9 16	15 59		n.a.
T 21	20 34	20 56	4 39	14 38	2 34	19 18	3 15	12 41	0 51	4 21	1 15	6 42	2 20	10 54	0 45	12 18	1 52	22 57	17 15	9 3	9 14	16 2		n.a.
F 22	20 21	16 1	4 5	14 28	2 49	19 30	3 11	12 24	0 51	4 16	1 15	6 39	2 20	10 53	0 45	12 18	1 53	22 58	17 15	8 59	9 13	16 5		n.a.
S 23	20 8	10 30	3 20	14 22	3 3	19 41	3 8	12 7	0 50	4 11	1 15	6 37	2 20	10 52	0 45	12 18	1 53	22 59	17 16	8 56	9 12	16 8		n.a.
S 24	19 54	4 43	2 26	14 20	3 15	19 52	3 4	11 50	0 49	4 6	1 15	6 34	2 20	10 51	0 45	12 19	1 53	22 59	17 16	8 54	9 11	16 11		n.a.
M25	19 40	1n 7	1 26	14 21	3 26	20 2	3 0	11 33	0 49	4 2	1 15	6 32	2 20	10 50	0 45	12 19	1 53	23 0	17 17	8 52	9 10	16 14		n.a.
T 26	19 26	6 48	0 24	14 26	3 35	20 12	2 56	11 16	0 48	3 57	1 14	6 29	2 20	10 49	0 44	12 19	1 53	23 1	17 17	8 52	9 9	16 16		n.a.
W27	19 12	12 11	0n39	14 34	3 42	20 22	2 52	10 59	0 47	3 52	1 14	6 26	2 19	10 47	0 44	12 19	1 53	23 2	17 17	8 52	9 7	16 19		n.a.
T 28	18 57	17 6	1 40	14 45	3 47	20 31	2 48	10 41	0 47	3 47	1 14	6 24	2 19	10 46	0 44	12 19	1 53	23 3	17 18	8 52	9 6	16 22		n.a.
F 29	18 41	21 24	2 37	14 58	3 50	20 40	2 43	10 24	0 46	3 42	1 14	6 21	2 19	10 45	0 44	12 19	1 53	23 4	17 18	8 52	9 5	16 25		n.a.
S 30	18 26	24 51	3 27	15 14	3 50	20 48	2 39	10 7	0 46	3 37	1 14	6 19	2 19	10 44	0 44	12 19	1 53	23 5	17 19	8 50	9 4	16 28		n.a.
S 31	18 s10	27n15	4n 9	15 s31	3n49	20 s56	2n35	9 s49	0 s45	3 s32	1 s13	6 s16	2 s19	10 s43	0 s44	12 s19	1n53	23n 5	17n19	8n48	9n 3	16n31		n.a.

Julian Day Number = 1719231.5, Delta T = 02h56m48s
Ecliptic obliquity = 23°41'52, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°08'40, Lahiri = - 4°01'40 Julian Calendar 1 Jan. 6 BCE == Greg. Calendar 30 Dec. 007 BCE

The year -05 astronomical counting style corresponds to year 006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 6 BCE
geocentric

FEBRUARY 6 BCE (-5) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 33 33	10♒ 8'16	0♋ 4	4°R 1	24♐10	7♓31	24♓12	19♓46	4♓23	7♏19	11°R49	22°R15	22♈58	10♉25	n.a.	M 1
T 2	8 37 30	11° 8'24	12°46	3♒ 2	25°16	8°16	24°24	19°52	4°27	7°19	11♍47	22♈ 4	22°55	10°31	n.a.	T 2
W 3	8 41 26	12° 8'29	25°48	2° 7	26°21	9° 1	24°36	19°59	4°30	7°20	11°46	21°52	22°52	10°38	n.a.	W 3
T 4	8 45 23	13° 8'33	9♌ 8	1°17	27°27	9°47	24°49	20° 5	4°33	7°20	11°45	21°40	22°48	10°45	n.a.	T 4
F 5	8 49 20	14° 8'34	22°46	0°34	28°33	10°32	25° 1	20°12	4°36	7°20	11°43	21°29	22°45	10°51	n.a.	F 5
S 6	8 53 16	15° 8'34	6♍36	29♑56	29°39	11°17	25°14	20°19	4°40	7°20	11°42	21°20	22°42	10°58	n.a.	S 6
S 7	8 57 13	16° 8'31	20°36	29°26	0♑45	12° 2	25°26	20°26	4°43	7°20	11°40	21°14	22°39	11° 5	n.a.	S 7
M 8	9 1 9	17° 8'27	4♎42	29° 2	1°52	12°47	25°39	20°32	4°46	7°20	11°39	21°10	22°36	11°11	n.a.	M 8
T 9	9 5 6	18° 8'21	18°50	28°44	2°58	13°32	25°52	20°39	4°49	7°20	11°37	21°D 9	22°33	11°18	n.a.	T 9
W10	9 9 2	19° 8'13	2♏59	28°34	4° 5	14°17	26° 5	20°46	4°53	7°R20	11°36	21°10	22°29	11°25	n.a.	W10
T 11	9 12 59	20° 8'03	17° 7	28°D30	5°12	15° 1	26°18	20°53	4°56	7°20	11°34	21°R10	22°26	11°31	n.a.	T 11
F 12	9 16 55	21° 7'52	1♐13	28°32	6°19	15°46	26°31	21° 0	4°59	7°20	11°33	21°10	22°23	11°38	n.a.	F 12
S 13	9 20 52	22° 7'39	15°15	28°40	7°27	16°31	26°44	21° 7	5° 3	7°20	11°31	21° 8	22°20	11°44	n.a.	S 13
S 14	9 24 49	23° 7'25	29°13	28°53	8°34	17°16	26°57	21°14	5° 6	7°20	11°30	21° 3	22°17	11°51	n.a.	S 14
M15	9 28 45	24° 7'08	13♑ 4	29°13	9°42	18° 0	27°10	21°21	5°10	7°20	11°28	20°56	22°14	11°58	n.a.	M15
T 16	9 32 42	25° 6'50	26°46	29°37	10°49	18°45	27°23	21°28	5°13	7°20	11°27	20°47	22°10	12° 4	n.a.	T 16
W17	9 36 38	26° 6'29	10♒17	0♒ 6	11°57	19°30	27°37	21°36	5°16	7°19	11°25	20°37	22° 7	12°11	n.a.	W17
T 18	9 40 35	27° 6'07	23°33	0°39	13° 5	20°14	27°50	21°43	5°20	7°19	11°23	20°28	22° 4	12°18	n.a.	T 18
F 19	9 44 31	28° 5'42	6♓33	1°17	14°13	20°59	28° 3	21°50	5°23	7°19	11°22	20°19	22° 1	12°24	n.a.	F 19
S 20	9 48 28	29° 5'15	19°16	1°58	15°21	21°43	28°17	21°57	5°27	7°19	11°20	20°13	21°58	12°31	n.a.	S 20
S 21	9 52 24	0♓ 4'46	1♈42	2°43	16°30	22°28	28°30	22° 5	5°30	7°18	11°19	20° 9	21°54	12°38	n.a.	S 21
M22	9 56 21	1° 4'15	13°54	3°32	17°38	23°12	28°44	22°12	5°33	7°18	11°17	20° 7	21°51	12°44	n.a.	M22
T 23	10 0 17	2° 3'41	25°54	4°24	18°47	23°56	28°57	22°19	5°37	7°17	11°15	20°D 7	21°48	12°51	n.a.	T 23
W24	10 4 14	3° 3'05	7♉45	5°19	19°55	24°41	29°11	22°27	5°40	7°17	11°14	20° 8	21°45	12°58	n.a.	W24
T 25	10 8 11	4° 2'26	19°34	6°17	21° 4	25°25	29°24	22°34	5°44	7°16	11°12	20° 9	21°42	13° 4	n.a.	T 25
F 26	10 12 7	5° 1'46	1♊24	7°18	22°13	26° 9	29°38	22°42	5°47	7°16	11°10	20°R10	21°39	13°11	n.a.	F 26
S 27	10 16 4	6° 1'03	13°21	8°21	23°22	26°53	29°52	22°49	5°51	7°15	11° 9	20°10	21°35	13°18	n.a.	S 27
S 28	10 20 0	7♓ 0'17	25♊30	9♒27	24♑31	27♓37	0♈ 6	22♓57	5♓54	7♏15	11♍ 7	20♈ 8	21♈32	13♉24	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s54	28n22	4n40	15s49	3n45	21s 3	2n31	9s31	0s44	3s27	1s13	6s13	2s19	10s42	0s44	12s19	1n53	23n 6	17n19	8n45	9n 1	16n34		n.a.
T 2	17 37	28 1	4 58	16 8	3 39	21 10	2 26	9 14	0 44	3 22	1 13	6 10	2 19	10 40	0 44	12 19	1 53	23 7	17 20	8 41	9 0	16 37		n.a.
W 3	17 20	26 8	5 1	16 28	3 32	21 17	2 22	8 56	0 43	3 17	1 13	6 8	2 18	10 39	0 44	12 19	1 53	23 8	17 20	8 37	8 59	16 40		n.a.
T 4	17 3	22 47	4 48	16 47	3 23	21 23	2 18	8 38	0 42	3 12	1 13	6 5	2 18	10 38	0 44	12 19	1 53	23 9	17 20	8 32	8 58	16 43		n.a.
F 5	16 46	18 9	4 19	17 7	3 13	21 28	2 13	8 20	0 42	3 6	1 13	6 2	2 18	10 37	0 44	12 19	1 53	23 10	17 21	8 28	8 57	16 46		n.a.
S 6	16 28	12 29	3 34	17 26	3 1	21 33	2 9	8 3	0 41	3 1	1 12	5 59	2 18	10 35	0 44	12 19	1 53	23 10	17 21	8 25	8 55	16 49		n.a.
S 7	16 10	6 8	2 35	17 44	2 49	21 37	2 4	7 45	0 40	2 56	1 12	5 57	2 18	10 34	0 44	12 19	1 53	23 11	17 21	8 22	8 54	16 52		n.a.
M 8	15 52	0s34	1 27	18 1	2 37	21 41	2 0	7 27	0 40	2 51	1 12	5 54	2 18	10 33	0 44	12 19	1 54	23 12	17 21	8 21	8 53	16 54		n.a.
T 9	15 33	7 16	0 12	18 18	2 23	21 44	1 56	7 9	0 39	2 46	1 12	5 51	2 18	10 32	0 44	12 19	1 54	23 13	17 22	8 20	8 52	16 57		n.a.
W10	15 15	13 37	1s 3	18 33	2 10	21 47	1 51	6 51	0 39	2 40	1 12	5 48	2 18	10 31	0 44	12 19	1 54	23 14	17 22	8 21	8 51	17 0		n.a.
T 11	14 56	19 16	2 14	18 47	1 56	21 49	1 47	6 33	0 38	2 35	1 12	5 45	2 18	10 29	0 44	12 19	1 54	23 15	17 22	8 21	8 49	17 3		n.a.
F 12	14 37	23 50	3 17	19 0	1 43	21 51	1 42	6 14	0 37	2 30	1 12	5 42	2 17	10 28	0 44	12 19	1 54	23 15	17 23	8 21	8 48	17 6		n.a.
S 13	14 17	26 58	4 8	19 12	1 29	21 52	1 38	5 56	0 37	2 24	1 11	5 39	2 17	10 27	0 44	12 19	1 54	23 16	17 23	8 20	8 47	17 9		n.a.
S 14	13 57	28 25	4 43	19 22	1 15	21 52	1 33	5 38	0 36	2 19	1 11	5 36	2 17	10 26	0 44	12 19	1 54	23 17	17 23	8 18	8 46	17 12		n.a.
M15	13 38	28 4	5 2	19 32	1 2	21 52	1 29	5 20	0 35	2 13	1 11	5 34	2 17	10 24	0 44	12 19	1 54	23 18	17 23	8 15	8 45	17 15		n.a.
T 16	13 17	25 59	5 3	19 39	0 49	21 51	1 24	5 2	0 35	2 8	1 11	5 31	2 17	10 23	0 44	12 19	1 54	23 19	17 23	8 12	8 43	17 18		n.a.
W17	12 57	22 28	4 48	19 46	0 36	21 50	1 20	4 43	0 34	2 3	1 11	5 28	2 17	10 22	0 44	12 19	1 54	23 20	17 24	8 8	8 42	17 20		n.a.
T 18	12 37	17 50	4 16	19 51	0 24	21 48	1 15	4 25	0 33	1 57	1 11	5 25	2 17	10 21	0 44	12 18	1 54	23 20	17 24	8 5	8 41	17 23		n.a.
F 19	12 16	12 29	3 32	19 54	0 12	21 45	1 11	4 7	0 33	1 52	1 11	5 22	2 17	10 19	0 44	12 18	1 54	23 21	17 24	8 1	8 40	17 26		n.a.
S 20	11 55	6 43	2 38	19 56	0s 0	21 42	1 6	3 48	0 32	1 46	1 11	5 19	2 17	10 18	0 44	12 18	1 54	23 22	17 24	7 59	8 39	17 29		n.a.
S 21	11 34	0 48	1 38	19 57	0 11	21 38	1 2	3 30	0 31	1 41	1 10	5 16	2 17	10 17	0 44	12 18	1 54	23 23	17 24	7 57	8 37	17 32		n.a.
M22	11 13	5n 2	0 34	19 56	0 22	21 34	0 58	3 12	0 31	1 35	1 10	5 13	2 17	10 15	0 44	12 18	1 54	23 23	17 24	7 57	8 36	17 35		n.a.
T 23	10 51	10 36	0n31	19 54	0 33	21 29	0 53	2 54	0 30	1 29	1 10	5 10	2 17	10 14	0 44	12 18	1 54	23 24	17 25	7 57	8 35	17 38		n.a.
W24	10 30	15 44	1 34	19 50	0 43	21 24	0 49	2 35	0 29	1 24	1 10	5 7	2 16	10 13	0 44	12 17	1 54	23 25	17 25	7 57	8 34	17 40		n.a.
T 25	10 8	20 15	2 33	19 45	0 52	21 18	0 45	2 17	0 29	1 18	1 10	5 4	2 16	10 12	0 44	12 17	1 55	23 26	17 25	7 58	8 33	17 43		n.a.
F 26	9 46	24 0	3 25	19 38	1 1	21 11	0 40	1 59	0 28	1 13	1 10	5 1	2 16	10 10	0 44	12 17	1 55	23 27	17 25	7 58	8 31	17 46		n.a.
S 27	9 24	26 45	4 8	19 30	1 10	21 4	0 36	1 40	0 27	1 7	1 10	4 58	2 16	10 9	0 44	12 17	1 55	23 27	17 25	7 58	8 30	17 49		n.a.
S 28	9s 2	28n19	4n42	19s20	1s18	20s56	0n32	1s22	0s27	1s 1	1s10	4s55	2s16	10s 8	0s44	12s16	1n55	23n28	17n25	7n57	8n29	17n52		n.a.

Julian Day Number = 1719262.5, Delta T = 02h56m48s
Ecliptic obliquity = 23°41'52, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°08'36, Lahiri = - 4°01'35 Julian Calendar 1 Feb. 6 BCE == Greg. Calendar 30 Jan. 006 BCE

The year -05 astronomical counting style corresponds to year 006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 6 BCE
geocentric

MARCH 6 BCE (-5) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 23 57	7♓59'29	7♋56	10♒35	25♉40	28♓21	0♈19	23♓ 4	5♓57	7°R14	11°R 5	20°R 4	21♈29	13♉31	n.a.	M 1
T 2	10 27 53	8°58'39	20°42	11°46	26°49	29° 5	0°33	23°12	6° 1	7♏14	11♍ 4	19♈59	21°26	13°38	n.a.	T 2
W 3	10 31 50	9°57'47	3♌50	12°58	27°58	29°49	0°47	23°19	6° 4	7°13	11° 2	19°53	21°23	13°44	n.a.	W 3
T 4	10 35 46	10°56'52	17°22	14°13	29° 7	0♈33	1° 1	23°27	6° 8	7°12	11° 0	19°46	21°20	13°51	n.a.	T 4
F 5	10 39 43	11°55'54	1♍16	15°29	0♒17	1°17	1°15	23°34	6°11	7°11	10°59	19°40	21°16	13°58	n.a.	F 5
S 6	10 43 40	12°54'55	15°28	16°48	1°26	2° 0	1°29	23°42	6°14	7°11	10°57	19°35	21°13	14° 4	n.a.	S 6
S 7	10 47 36	13°53'53	29°53	18° 8	2°36	2°44	1°43	23°49	6°18	7°10	10°55	19°32	21°10	14°11	n.a.	S 7
M 8	10 51 33	14°52'50	14♎26	19°31	3°46	3°28	1°57	23°57	6°21	7° 9	10°54	19°D31	21° 7	14°18	n.a.	M 8
T 9	10 55 29	15°51'44	29° 1	20°55	4°55	4°11	2°11	24° 5	6°25	7° 8	10°52	19°31	21° 4	14°24	n.a.	T 9
W10	10 59 26	16°50'37	13♏31	22°20	6° 5	4°55	2°25	24°12	6°28	7° 7	10°50	19°32	21° 0	14°31	n.a.	W10
T 11	11 3 22	17°49'27	27°54	23°48	7°15	5°38	2°39	24°20	6°31	7° 7	10°49	19°34	20°57	14°38	n.a.	T 11
F 12	11 7 19	18°48'17	12♐ 6	25°17	8°25	6°22	2°53	24°28	6°35	7° 6	10°47	19°35	20°54	14°44	n.a.	F 12
S 13	11 11 15	19°47'04	26° 6	26°48	9°35	7° 5	3° 7	24°35	6°38	7° 5	10°45	19°R35	20°51	14°51	n.a.	S 13
S 14	11 15 12	20°45'49	9♑53	28°20	10°45	7°49	3°21	24°43	6°42	7° 4	10°44	19°33	20°48	14°57	n.a.	S 14
M15	11 19 9	21°44'33	23°26	29°54	11°55	8°32	3°36	24°51	6°45	7° 3	10°42	19°31	20°45	15° 4	n.a.	M15
T 16	11 23 5	22°43'15	6♒45	1♓30	13° 5	9°15	3°50	24°58	6°48	7° 2	10°41	19°27	20°41	15°11	n.a.	T 16
W17	11 27 2	23°41'55	19°51	3° 7	14°16	9°59	4° 4	25° 6	6°52	7° 1	10°39	19°23	20°38	15°17	n.a.	W17
T 18	11 30 58	24°40'33	2♓43	4°46	15°26	10°42	4°18	25°14	6°55	7° 0	10°37	19°19	20°35	15°24	n.a.	T 18
F 19	11 34 55	25°39'10	15°22	6°26	16°36	11°25	4°33	25°21	6°58	6°58	10°36	19°16	20°32	15°31	n.a.	F 19
S 20	11 38 51	26°37'44	27°48	8° 8	17°47	12° 8	4°47	25°29	7° 1	6°57	10°34	19°13	20°29	15°37	n.a.	S 20
S 21	11 42 48	27°36'16	10♈ 2	9°52	18°57	12°51	5° 1	25°37	7° 5	6°56	10°32	19°12	20°25	15°44	n.a.	S 21
M22	11 46 44	28°34'46	22° 6	11°37	20° 8	13°34	5°15	25°45	7° 8	6°55	10°31	19°D12	20°22	15°51	n.a.	M22
T 23	11 50 41	29°33'14	4♉ 2	13°24	21°18	14°17	5°30	25°52	7°11	6°54	10°29	19°12	20°19	15°57	n.a.	T 23
W24	11 54 37	0♈31'40	15°52	15°13	22°29	15° 0	5°44	26° 0	7°14	6°53	10°28	19°14	20°16	16° 4	n.a.	W24
T 25	11 58 34	1°30'04	27°40	17° 3	23°40	15°43	5°58	26° 8	7°18	6°51	10°26	19°15	20°13	16°11	n.a.	T 25
F 26	12 2 31	2°28'26	9♊30	18°55	24°50	16°26	6°13	26°15	7°21	6°50	10°25	19°16	20°10	16°17	n.a.	F 26
S 27	12 6 27	3°26'45	21°27	20°48	26° 1	17° 8	6°27	26°23	7°24	6°49	10°23	19°17	20° 6	16°24	n.a.	S 27
S 28	12 10 24	4°25'03	3♋35	22°43	27°12	17°51	6°41	26°31	7°27	6°48	10°22	19°R18	20° 3	16°31	n.a.	S 28
M29	12 14 20	5°23'18	15°59	24°40	28°23	18°34	6°55	26°38	7°30	6°46	10°20	19°18	20° 0	16°37	n.a.	M29
T 30	12 18 17	6°21'31	28°42	26°39	29°33	19°16	7°10	26°46	7°33	6°45	10°19	19°17	19°57	16°44	n.a.	T 30
W31	12 22 13	7♈19'42	11♌50	28♓39	0♓44	19♈59	7♈24	26♓53	7♓36	6♏44	10♍17	19♈15	19♈54	16♉51	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8 s40	28n30	5n 3	19s 9	1s26	20s47	0n28	1s 4	0s26	0s56	1s10	4s52	2s16	10s 6	0s44	12s16	1n55	23n29	17n25	7n56	8n28	17n55		n.a.
T 2	8 17	27 11	5 10	18 56	1 33	20 38	0 24	0 45	0 25	0 50	1 9	4 49	2 16	10 5	0 44	12 16	1 55	23 29	17 25	7 54	8 27	17 57		n.a.
W 3	7 55	24 22	5 1	18 42	1 40	20 28	0 20	0 27	0 25	0 45	1 9	4 46	2 16	10 4	0 44	12 16	1 55	23 30	17 25	7 51	8 25	18 0		n.a.
T 4	7 32	20 9	4 35	18 26	1 46	20 18	0 16	0 9	0 24	0 39	1 9	4 42	2 16	10 3	0 44	12 15	1 55	23 31	17 25	7 49	8 24	18 3		n.a.
F 5	7 10	14 45	3 52	18 9	1 52	20 7	0 12	0n 9	0 24	0 33	1 9	4 39	2 16	10 1	0 44	12 15	1 55	23 32	17 25	7 47	8 23	18 6		n.a.
S 6	6 47	8 28	2 55	17 50	1 57	19 56	0 8	0 27	0 23	0 27	1 9	4 36	2 16	10 0	0 44	12 15	1 55	23 32	17 25	7 45	8 22	18 9		n.a.
S 7	6 24	1 39	1 45	17 30	2 2	19 44	0 4	0 46	0 22	0 22	1 9	4 33	2 16	9 59	0 44	12 14	1 55	23 33	17 25	7 43	8 21	18 11		n.a.
M 8	6 1	5s20	0 28	17 8	2 7	19 31	0s 0	1 4	0 22	0 16	1 9	4 30	2 16	9 58	0 44	12 14	1 55	23 34	17 25	7 43	8 19	18 14		n.a.
T 9	5 38	12 3	0s52	16 44	2 11	19 18	0 4	1 22	0 21	0 10	1 9	4 27	2 16	9 56	0 44	12 14	1 55	23 34	17 25	7 43	8 18	18 17		n.a.
W10	5 15	18 5	2 7	16 19	2 14	19 5	0 8	1 40	0 20	0 5	1 9	4 24	2 16	9 55	0 44	12 14	1 55	23 35	17 25	7 43	8 17	18 20		n.a.
T 11	4 52	23 4	3 15	15 53	2 17	18 51	0 11	1 58	0 20	0n 1	1 9	4 21	2 16	9 54	0 44	12 13	1 55	23 35	17 25	7 44	8 16	18 22		n.a.
F 12	4 29	26 36	4 9	15 25	2 19	18 36	0 15	2 16	0 19	0 7	1 9	4 18	2 16	9 53	0 44	12 13	1 55	23 36	17 25	7 44	8 15	18 25		n.a.
S 13	4 5	28 26	4 47	14 55	2 21	18 21	0 19	2 34	0 18	0 13	1 8	4 15	2 16	9 51	0 44	12 12	1 55	23 37	17 25	7 44	8 13	18 28		n.a.
S 14	3 42	28 27	5 9	14 24	2 23	18 5	0 22	2 52	0 18	0 18	1 8	4 12	2 16	9 50	0 44	12 12	1 55	23 37	17 25	7 44	8 12	18 31		n.a.
M15	3 19	26 46	5 13	13 52	2 24	17 49	0 26	3 10	0 17	0 24	1 8	4 9	2 16	9 49	0 44	12 12	1 55	23 38	17 25	7 43	8 11	18 34		n.a.
T 16	2 55	23 36	4 59	13 18	2 24	17 32	0 29	3 27	0 16	0 30	1 8	4 6	2 16	9 48	0 44	12 11	1 56	23 38	17 25	7 42	8 10	18 36		n.a.
W17	2 32	19 17	4 30	12 42	2 24	17 15	0 32	3 45	0 16	0 36	1 8	4 2	2 16	9 46	0 44	12 11	1 56	23 39	17 25	7 40	8 9	18 39		n.a.
T 18	2 8	14 9	3 48	12 5	2 23	16 57	0 36	4 3	0 15	0 41	1 8	3 59	2 16	9 45	0 44	12 11	1 56	23 40	17 25	7 38	8 7	18 42		n.a.
F 19	1 45	8 31	2 56	11 27	2 22	16 39	0 39	4 21	0 14	0 47	1 8	3 56	2 16	9 44	0 44	12 10	1 56	23 40	17 25	7 37	8 6	18 45		n.a.
S 20	1 21	2 38	1 55	10 47	2 21	16 20	0 42	4 38	0 14	0 53	1 8	3 53	2 16	9 43	0 44	12 10	1 56	23 41	17 25	7 36	8 5	18 47		n.a.
S 21	0 58	3n15	0 50	10 5	2 18	16 1	0 45	4 56	0 13	0 59	1 8	3 50	2 16	9 41	0 44	12 9	1 56	23 41	17 25	7 36	8 4	18 50		n.a.
M22	0 34	8 57	0n16	9 22	2 16	15 41	0 48	5 13	0 12	1 4	1 8	3 47	2 16	9 40	0 44	12 9	1 56	23 42	17 24	7 36	8 3	18 53		n.a.
T 23	0 11	14 16	1 21	8 38	2 13	15 21	0 51	5 31	0 12	1 10	1 8	3 44	2 16	9 39	0 44	12 9	1 56	23 42	17 24	7 36	8 1	18 56		n.a.
W24	0n13	19 2	2 22	7 52	2 9	15 1	0 54	5 48	0 11	1 16	1 8	3 41	2 16	9 38	0 44	12 8	1 56	23 43	17 24	7 36	8 0	18 58		n.a.
T 25	0 36	23 3	3 17	7 4	2 5	14 40	0 57	6 5	0 11	1 22	1 8	3 38	2 16	9 37	0 44	12 8	1 56	23 43	17 24	7 37	7 59	19 1		n.a.
F 26	1 0	26 8	4 4	6 16	2 0	14 19	0 59	6 22	0 10	1 27	1 8	3 35	2 16	9 35	0 44	12 7	1 56	23 43	17 24	7 37	7 58	19 4		n.a.
S 27	1 23	28 5	4 40	5 26	1 54	13 57	1 2	6 40	0 9	1 33	1 8	3 32	2 16	9 34	0 44	12 7	1 56	23 44	17 24	7 38	7 57	19 6		n.a.
S 28	1 46	28 44	5 5	4 35	1 49	13 35	1 4	6 57	0 9	1 39	1 8	3 29	2 16	9 33	0 44	12 6	1 56	23 44	17 23	7 38	7 55	19 9		n.a.
M29	2 10	27 58	5 16	3 42	1 42	13 13	1 7	7 14	0 8	1 45	1 8	3 26	2 16	9 32	0 44	12 6	1 56	23 45	17 23	7 38	7 54	19 12		n.a.
T 30	2 33	25 44	5 12	2 48	1 35	12 50	1 9	7 31	0 7	1 50	1 7	3 23	2 16	9 31	0 44	12 5	1 56	23 45	17 23	7 38	7 53	19 15		n.a.
W31	2n56	22n 6	4n53	1s53	1s28	12s27	1s12	7n47	0s 7	1n56	1s 7	3s20	2s16	9s30	0s44	12s 5	1n56	23n45	17n23	7n37	7n52	19n17		n.a.

Julian Day Number = 1719290.5, Delta T = 02h56m47s
Ecliptic obliquity = 23°41'53, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°08'32, Lahiri = - 4°01'31 Julian Calendar 1 March 6 BCE == Greg. Calendar 27 Feb. 006 BCE

The year -05 astronomical counting style corresponds to year 006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 6 BCE
geocentric

APRIL 6 BCE (-5) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 26 10	8♈17'51	25♌22	0♈40	1♓55	20♈41	7♈38	27♓ 1	7♓40	6°R42	10°R16	19°R14	19♈51	16♉57	n.a.	T 1
F 2	12 30 6	9°15'58	9♍21	2°43	3° 6	21°24	7°53	27° 9	7°43	6♏41	10♍14	19♈13	19°47	17° 4	n.a.	F 2
S 3	12 34 3	10°14'03	23°43	4°47	4°17	22° 6	8° 7	27°16	7°46	6°40	10°13	19°12	19°44	17°11	n.a.	S 3
S 4	12 38 0	11°12'06	8♎24	6°53	5°28	22°48	8°21	27°24	7°49	6°38	10°12	19°11	19°41	17°17	n.a.	S 4
M 5	12 41 56	12°10'07	23°18	9° 0	6°39	23°31	8°36	27°31	7°52	6°37	10°10	19°D11	19°38	17°24	n.a.	M 5
T 6	12 45 53	13° 8'07	8♏16	11° 8	7°51	24°13	8°50	27°39	7°55	6°35	10° 9	19°11	19°35	17°31	n.a.	T 6
W 7	12 49 49	14° 6'05	23°11	13°17	9° 2	24°55	9° 4	27°46	7°57	6°34	10° 8	19°12	19°31	17°37	n.a.	W 7
T 8	12 53 46	15° 4'02	7♐56	15°26	10°13	25°37	9°18	27°54	8° 0	6°32	10° 6	19°12	19°28	17°44	n.a.	T 8
F 9	12 57 42	16° 1'57	22°24	17°36	11°24	26°20	9°33	28° 1	8° 3	6°31	10° 5	19°13	19°25	17°51	n.a.	F 9
S 10	13 1 39	16°59'51	6♑32	19°46	12°35	27° 2	9°47	28° 9	8° 6	6°29	10° 4	19°13	19°22	17°57	n.a.	S 10
S 11	13 5 35	17°57'44	20°19	21°56	13°47	27°44	10° 1	28°16	8° 9	6°28	10° 3	19°R13	19°19	18° 4	n.a.	S 11
M12	13 9 32	18°55'35	3♒46	24° 6	14°58	28°26	10°15	28°23	8°12	6°26	10° 1	19°D13	19°16	18°11	n.a.	M12
T 13	13 13 29	19°53'25	16°53	26°15	16°10	29° 8	10°29	28°31	8°14	6°25	10° 0	19°13	19°12	18°17	n.a.	T 13
W14	13 17 25	20°51'14	29°42	28°23	17°21	29°49	10°44	28°38	8°17	6°23	9°59	19°13	19° 9	18°24	n.a.	W14
T 15	13 21 22	21°49'01	12♓16	0♉31	18°32	0♉31	10°58	28°45	8°20	6°22	9°58	19°13	19° 6	18°31	n.a.	T 15
F 16	13 25 18	22°46'47	24°37	2°36	19°44	1°13	11°12	28°53	8°23	6°20	9°57	19°13	19° 3	18°37	n.a.	F 16
S 17	13 29 15	23°44'31	6♈47	4°40	20°55	1°55	11°26	29° 0	8°25	6°19	9°56	19°14	19° 0	18°44	n.a.	S 17
S 18	13 33 11	24°42'14	18°48	6°42	22° 7	2°36	11°40	29° 7	8°28	6°17	9°55	19°R14	18°57	18°51	n.a.	S 18
M19	13 37 8	25°39'56	0♉44	8°42	23°19	3°18	11°54	29°14	8°30	6°15	9°54	19°14	18°53	18°57	n.a.	M19
T 20	13 41 4	26°37'37	12°34	10°40	24°30	4° 0	12° 8	29°22	8°33	6°14	9°53	19°13	18°50	19° 4	n.a.	T 20
W21	13 45 1	27°35'16	24°23	12°35	25°42	4°41	12°22	29°29	8°36	6°12	9°52	19°12	18°47	19°11	n.a.	W21
T 22	13 48 58	28°32'53	6♊12	14°27	26°53	5°23	12°36	29°36	8°38	6°11	9°51	19°11	18°44	19°17	n.a.	T 22
F 23	13 52 54	29°30'29	18° 4	16°16	28° 5	6° 4	12°50	29°43	8°40	6° 9	9°50	19°10	18°41	19°24	n.a.	F 23
S 24	13 56 51	0♉28'04	0♋ 2	18° 3	29°17	6°46	13° 4	29°50	8°43	6° 7	9°49	19° 8	18°37	19°31	n.a.	S 24
S 25	14 0 47	1°25'37	12°10	19°47	0♈29	7°27	13°18	29°57	8°45	6° 6	9°48	19° 7	18°34	19°37	n.a.	S 25
M26	14 4 44	2°23'08	24°32	21°28	1°40	8° 9	13°32	0♈ 4	8°48	6° 4	9°47	19° 6	18°31	19°44	n.a.	M26
T 27	14 8 40	3°20'39	7♌13	23° 6	2°52	8°50	13°46	0°11	8°50	6° 3	9°46	19°D 6	18°28	19°51	n.a.	T 27
W28	14 12 37	4°18'07	20°14	24°40	4° 4	9°31	14° 0	0°17	8°52	6° 1	9°45	19° 7	18°25	19°57	n.a.	W28
T 29	14 16 33	5°15'34	3♍41	26°12	5°16	10°12	14°14	0°24	8°55	5°59	9°45	19° 8	18°22	20° 4	n.a.	T 29
F 30	14 20 30	6♉13'00	17♍34	27♉40	6♈28	10♉53	14♈27	0♈31	8♓57	5♏58	9♍44	19♈ 9	18♈18	20♉11	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3n20	17n13	4n16	0s57	1s20	12s 3	1s14	8n 4	0s 6	2n 2	1s 7	3s17	2s16	9s28	0s44	12s 4	1n56	23n46	17n22	7n36	7n50	19n20		n.a.
F 2	3 43	11 17	3 23	0 0	1 12	11 39	1 16	8 21	0 5	2 8	1 7	3 14	2 16	9 27	0 44	12 4	1 56	23 46	17 22	7 36	7 49	19 23		n.a.
S 3	4 6	4 36	2 17	0n58	1 3	11 15	1 18	8 37	0 5	2 13	1 7	3 11	2 16	9 26	0 44	12 3	1 56	23 46	17 22	7 36	7 48	19 25		n.a.
S 4	4 29	2s28	0 59	1 56	0 54	10 51	1 20	8 54	0 4	2 19	1 7	3 8	2 17	9 25	0 44	12 3	1 56	23 47	17 22	7 35	7 47	19 28		n.a.
M 5	4 52	9 30	0s23	2 56	0 44	10 26	1 22	9 10	0 4	2 25	1 7	3 5	2 17	9 24	0 45	12 2	1 56	23 47	17 21	7 35	7 46	19 31		n.a.
T 6	5 14	16 3	1 44	3 55	0 34	10 1	1 24	9 27	0 3	2 30	1 7	3 2	2 17	9 23	0 45	12 2	1 56	23 47	17 21	7 35	7 44	19 33		n.a.
W 7	5 37	21 38	2 58	4 55	0 24	9 36	1 26	9 43	0 2	2 36	1 7	2 59	2 17	9 22	0 45	12 1	1 56	23 48	17 21	7 36	7 43	19 36		n.a.
T 8	6 0	25 48	3 59	5 56	0 14	9 10	1 28	9 59	0 2	2 42	1 7	2 56	2 17	9 21	0 45	12 1	1 56	23 48	17 21	7 36	7 42	19 39		n.a.
F 9	6 22	28 12	4 44	6 56	0 3	8 44	1 29	10 15	0 1	2 48	1 7	2 53	2 17	9 20	0 45	12 0	1 56	23 48	17 20	7 36	7 41	19 41		n.a.
S 10	6 45	28 41	5 10	7 56	0n 7	8 18	1 31	10 31	0 0	2 53	1 7	2 50	2 17	9 19	0 45	12 0	1 56	23 48	17 20	7 36	7 40	19 44		n.a.
S 11	7 7	27 22	5 17	8 55	0 18	7 52	1 32	10 47	0n 0	2 59	1 7	2 47	2 17	9 18	0 45	11 59	1 56	23 48	17 20	7 36	7 38	19 47		n.a.
M12	7 29	24 29	5 7	9 53	0 29	7 25	1 33	11 3	0 1	3 4	1 7	2 44	2 17	9 17	0 45	11 59	1 56	23 49	17 19	7 36	7 37	19 49		n.a.
T 13	7 52	20 24	4 41	10 51	0 39	6 58	1 35	11 18	0 1	3 10	1 7	2 41	2 17	9 15	0 45	11 58	1 56	23 49	17 19	7 36	7 36	19 52		n.a.
W14	8 14	15 28	4 2	11 47	0 49	6 31	1 36	11 34	0 2	3 16	1 7	2 39	2 17	9 14	0 45	11 58	1 56	23 49	17 19	7 36	7 35	19 54		n.a.
T 15	8 35	9 58	3 11	12 42	0 59	6 4	1 37	11 49	0 3	3 21	1 7	2 36	2 17	9 13	0 45	11 57	1 56	23 49	17 18	7 36	7 33	19 57		n.a.
F 16	8 57	4 11	2 13	13 35	1 9	5 37	1 38	12 4	0 3	3 27	1 7	2 33	2 18	9 12	0 45	11 57	1 56	23 49	17 18	7 36	7 32	20 0		n.a.
S 17	9 19	1n40	1 9	14 27	1 18	5 9	1 39	12 20	0 4	3 33	1 7	2 30	2 18	9 11	0 45	11 56	1 56	23 49	17 18	7 36	7 31	20 2		n.a.
S 18	9 40	7 25	0 2	15 16	1 27	4 41	1 40	12 35	0 4	3 38	1 7	2 27	2 18	9 11	0 45	11 56	1 56	23 49	17 17	7 36	7 30	20 5		n.a.
M19	10 1	12 50	1n 3	16 4	1 36	4 13	1 41	12 50	0 5	3 44	1 7	2 25	2 18	9 10	0 45	11 55	1 56	23 49	17 17	7 36	7 29	20 8		n.a.
T 20	10 23	17 46	2 6	16 49	1 43	3 45	1 41	13 5	0 6	3 49	1 7	2 22	2 18	9 9	0 45	11 55	1 56	23 49	17 16	7 36	7 27	20 10		n.a.
W21	10 44	22 1	3 3	17 32	1 51	3 17	1 42	13 19	0 6	3 55	1 7	2 19	2 18	9 8	0 45	11 54	1 56	23 50	17 16	7 36	7 26	20 13		n.a.
T 22	11 4	25 23	3 52	18 12	1 57	2 49	1 43	13 34	0 7	4 0	1 7	2 16	2 18	9 7	0 45	11 54	1 56	23 50	17 16	7 35	7 25	20 15		n.a.
F 23	11 25	27 39	4 31	18 51	2 3	2 21	1 43	13 48	0 7	4 6	1 7	2 14	2 18	9 6	0 45	11 53	1 56	23 50	17 15	7 35	7 24	20 18		n.a.
S 24	11 46	28 41	4 59	19 26	2 8	1 52	1 43	14 3	0 8	4 11	1 7	2 11	2 18	9 5	0 45	11 53	1 56	23 50	17 15	7 34	7 22	20 21		n.a.
S 25	12 6	28 21	5 14	20 0	2 12	1 24	1 44	14 17	0 9	4 17	1 7	2 8	2 19	9 4	0 45	11 52	1 56	23 50	17 14	7 34	7 21	20 23		n.a.
M26	12 26	26 36	5 15	20 30	2 16	0 55	1 44	14 31	0 9	4 22	1 7	2 5	2 19	9 3	0 45	11 51	1 56	23 49	17 14	7 34	7 20	20 26		n.a.
T 27	12 46	23 31	5 1	20 59	2 19	0 26	1 44	14 45	0 10	4 27	1 7	2 3	2 19	9 2	0 45	11 51	1 56	23 49	17 14	7 34	7 19	20 28		n.a.
W28	13 5	19 10	4 31	21 25	2 21	0n 2	1 44	14 59	0 10	4 33	1 7	2 0	2 19	9 2	0 45	11 50	1 56	23 49	17 13	7 34	7 18	20 31		n.a.
T 29	13 25	13 46	3 46	21 48	2 22	0 31	1 44	15 13	0 11	4 38	1 7	1 58	2 19	9 1	0 45	11 50	1 56	23 49	17 13	7 34	7 16	20 33		n.a.
F 30	13n44	7n30	2n46	22n10	2n22	1n 0	1s44	15n26	0n12	4n44	1s 7	1s55	2s19	9s 0	0s45	11s49	1n56	23n49	17n12	7n35	7n15	20n36		n.a.

Julian Day Number = 1719321.5, Delta T = 02h56m46s
Ecliptic obliquity = 23°41'53, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°08'28, Lahiri = - 4°01'27 Julian Calendar 1 Apr. 6 BCE == Greg. Calendar 30 March 006 BCE

The year -05 astronomical counting style corresponds to year 006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 6 BCE
geocentric

MAY 6 BCE (-5) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 24 27	7♉10'24	1♎54	29♉ 6	7♈39	11♉35	14♈41	0♈38	8♓59	5°R56	9°R43	19♈10	18♈15	20♉17	n.a.	S 1
S 2	14 28 23	8° 7'47	16°37	0♊28	8°51	12°16	14°55	0°44	9° 1	5♏54	9♍42	19°R11	18°12	20°24	n.a.	S 2
M 3	14 32 20	9° 5'09	1♏38	1°46	10° 3	12°57	15° 8	0°51	9° 3	5°53	9°42	19°10	18° 9	20°31	n.a.	M 3
T 4	14 36 16	10° 2'30	16°49	3° 2	11°15	13°38	15°22	0°58	9° 5	5°51	9°41	19° 9	18° 6	20°37	n.a.	T 4
W 5	14 40 13	10°59'50	2♐ 1	4°14	12°27	14°19	15°35	1° 4	9° 7	5°50	9°41	19° 7	18° 2	20°44	n.a.	W 5
T 6	14 44 9	11°57'09	17° 4	5°22	13°39	14°59	15°49	1°11	9° 9	5°48	9°40	19° 4	17°59	20°51	n.a.	T 6
F 7	14 48 6	12°54'28	1♑49	6°27	14°51	15°40	16° 2	1°17	9°11	5°46	9°39	19° 1	17°56	20°57	n.a.	F 7
S 8	14 52 2	13°51'46	16°11	7°29	16° 3	16°21	16°16	1°23	9°13	5°45	9°39	18°58	17°53	21° 4	n.a.	S 8
S 9	14 55 59	14°49'03	0♒ 6	8°27	17°15	17° 2	16°29	1°30	9°15	5°43	9°38	18°56	17°50	21°11	n.a.	S 9
M10	14 59 56	15°46'20	13°35	9°21	18°27	17°43	16°43	1°36	9°17	5°42	9°38	18°D56	17°47	21°17	n.a.	M10
T 11	15 3 52	16°43'36	26°38	10°11	19°40	18°23	16°56	1°42	9°18	5°40	9°38	18°56	17°43	21°24	n.a.	T 11
W12	15 7 49	17°40'52	9♓20	10°58	20°52	19° 4	17° 9	1°48	9°20	5°38	9°37	18°57	17°40	21°31	n.a.	W12
T 13	15 11 45	18°38'07	21°44	11°41	22° 4	19°45	17°22	1°55	9°22	5°37	9°37	18°59	17°37	21°37	n.a.	T 13
F 14	15 15 42	19°35'21	3♈53	12°19	23°16	20°25	17°36	2° 1	9°24	5°35	9°37	19° 0	17°34	21°44	n.a.	F 14
S 15	15 19 38	20°32'35	15°53	12°54	24°28	21° 6	17°49	2° 7	9°25	5°34	9°36	19°R 1	17°31	21°51	n.a.	S 15
S 16	15 23 35	21°29'49	27°46	13°24	25°41	21°46	18° 2	2°12	9°27	5°32	9°36	19° 1	17°28	21°57	n.a.	S 16
M17	15 27 31	22°27'02	9♉36	13°50	26°53	22°27	18°15	2°18	9°28	5°31	9°36	18°59	17°24	22° 4	n.a.	M17
T 18	15 31 28	23°24'15	21°24	14°11	28° 5	23° 7	18°28	2°24	9°30	5°29	9°36	18°55	17°21	22°11	n.a.	T 18
W19	15 35 25	24°21'27	3♊13	14°28	29°18	23°48	18°40	2°30	9°31	5°28	9°35	18°50	17°18	22°17	n.a.	W19
T 20	15 39 21	25°18'39	15° 5	14°41	0♉30	24°28	18°53	2°36	9°32	5°26	9°35	18°44	17°15	22°24	n.a.	T 20
F 21	15 43 18	26°15'50	27° 2	14°49	1°42	25° 8	19° 6	2°41	9°34	5°25	9°35	18°38	17°12	22°31	n.a.	F 21
S 22	15 47 14	27°13'01	9♋ 6	14°R52	2°55	25°48	19°19	2°47	9°35	5°23	9°35	18°31	17° 8	22°37	n.a.	S 22
S 23	15 51 11	28°10'11	21°19	14°51	4° 7	26°29	19°31	2°52	9°36	5°22	9°D35	18°25	17° 5	22°44	n.a.	S 23
M24	15 55 7	29° 7'20	3♌44	14°45	5°20	27° 9	19°44	2°58	9°38	5°20	9°35	18°21	17° 2	22°51	n.a.	M24
T 25	15 59 4	0♊ 4'29	16°24	14°35	6°32	27°49	19°56	3° 3	9°39	5°19	9°35	18°18	16°59	22°57	n.a.	T 25
W26	16 3 1	1° 1'37	29°22	14°21	7°45	28°29	20° 9	3° 8	9°40	5°17	9°35	18°D17	16°56	23° 4	n.a.	W26
T 27	16 6 57	1°58'45	12♍42	14° 3	8°57	29° 9	20°21	3°14	9°41	5°16	9°35	18°18	16°53	23°11	n.a.	T 27
F 28	16 10 54	2°55'52	26°26	13°41	10°10	29°49	20°33	3°19	9°42	5°14	9°36	18°19	16°49	23°17	n.a.	F 28
S 29	16 14 50	3°52'58	10♎34	13°15	11°22	0♊29	20°45	3°24	9°43	5°13	9°36	18°20	16°46	23°24	n.a.	S 29
S 30	16 18 47	4°50'04	25° 8	12°47	12°35	1° 9	20°58	3°29	9°44	5°12	9°36	18°R20	16°43	23°31	n.a.	S 30
M31	16 22 43	5♊47'10	10♏ 2	12♊15	13♉48	1♊49	21♈10	3♈34	9♓45	5♏10	9♍36	18♈18	16♈40	23♉37	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n 3	0n40	1n34	22n29	2n22	1n29	1s44	15n40	0n12	4n49	1s 7	1s52	2s19	8s59	0s45	11s49	1n56	23n49	17n12	7n35	7n14	20n38		n.a.
S 2	14 22	6s23	0 14	22 46	2 21	1 58	1 44	15 53	0 13	4 54	1 7	1 50	2 20	8 58	0 45	11 48	1 56	23 49	17 11	7 35	7 13	20 41		n.a.
M 3	14 41	13 14	1s 8	23 0	2 19	2 26	1 44	16 6	0 13	4 59	1 7	1 47	2 20	8 58	0 45	11 48	1 56	23 49	17 11	7 35	7 11	20 44		n.a.
T 4	14 59	19 23	2 27	23 13	2 16	2 55	1 43	16 19	0 14	5 5	1 7	1 45	2 20	8 57	0 45	11 47	1 56	23 49	17 10	7 35	7 10	20 46		n.a.
W 5	15 17	24 17	3 35	23 23	2 12	3 24	1 43	16 32	0 15	5 10	1 7	1 42	2 20	8 56	0 45	11 47	1 56	23 48	17 10	7 34	7 9	20 49		n.a.
T 6	15 35	27 29	4 27	23 32	2 8	3 53	1 42	16 45	0 15	5 15	1 7	1 40	2 20	8 55	0 45	11 46	1 56	23 48	17 9	7 33	7 8	20 51		n.a.
F 7	15 53	28 42	5 0	23 38	2 3	4 21	1 42	16 58	0 16	5 20	1 8	1 38	2 20	8 55	0 45	11 46	1 56	23 48	17 9	7 31	7 7	20 54		n.a.
S 8	16 10	27 54	5 14	23 43	1 57	4 50	1 41	17 10	0 16	5 26	1 8	1 35	2 20	8 54	0 45	11 45	1 56	23 48	17 9	7 30	7 5	20 56		n.a.
S 9	16 27	25 22	5 9	23 46	1 50	5 18	1 40	17 22	0 17	5 31	1 8	1 33	2 21	8 53	0 45	11 45	1 56	23 47	17 8	7 30	7 4	20 59		n.a.
M10	16 44	21 29	4 46	23 47	1 42	5 47	1 39	17 35	0 17	5 36	1 8	1 30	2 21	8 53	0 45	11 44	1 56	23 47	17 8	7 29	7 3	21 1		n.a.
T 11	17 1	16 40	4 9	23 46	1 34	6 15	1 38	17 47	0 18	5 41	1 8	1 28	2 21	8 52	0 46	11 43	1 56	23 47	17 7	7 30	7 2	21 4		n.a.
W12	17 17	11 15	3 21	23 44	1 25	6 43	1 38	17 58	0 19	5 46	1 8	1 26	2 21	8 51	0 46	11 43	1 56	23 47	17 7	7 30	7 0	21 6		n.a.
T 13	17 33	5 31	2 24	23 40	1 15	7 12	1 37	18 10	0 19	5 51	1 8	1 23	2 21	8 51	0 46	11 42	1 56	23 46	17 6	7 31	6 59	21 9		n.a.
F 14	17 49	0n19	1 22	23 34	1 4	7 40	1 35	18 22	0 20	5 56	1 8	1 21	2 22	8 50	0 46	11 42	1 56	23 46	17 6	7 31	6 58	21 11		n.a.
S 15	18 5	6 3	0 17	23 27	0 52	8 7	1 34	18 33	0 20	6 1	1 8	1 19	2 22	8 50	0 46	11 41	1 56	23 46	17 5	7 32	6 57	21 14		n.a.
S 16	18 20	11 32	0n48	23 19	0 40	8 35	1 33	18 44	0 21	6 6	1 8	1 17	2 22	8 49	0 46	11 41	1 56	23 45	17 5	7 31	6 56	21 16		n.a.
M17	18 35	16 35	1 50	23 9	0 27	9 3	1 32	18 56	0 21	6 11	1 8	1 15	2 22	8 48	0 46	11 40	1 56	23 45	17 4	7 31	6 54	21 19		n.a.
T 18	18 50	21 0	2 48	22 59	0 14	9 30	1 31	19 6	0 22	6 16	1 8	1 12	2 22	8 48	0 46	11 40	1 56	23 44	17 4	7 29	6 53	21 21		n.a.
W19	19 4	24 35	3 38	22 46	0s 1	9 57	1 29	19 17	0 23	6 21	1 8	1 10	2 22	8 47	0 46	11 39	1 56	23 44	17 3	7 27	6 52	21 24		n.a.
T 20	19 18	27 8	4 19	22 33	0 15	10 24	1 28	19 28	0 23	6 26	1 8	1 8	2 23	8 47	0 46	11 39	1 56	23 44	17 3	7 25	6 51	21 26		n.a.
F 21	19 32	28 28	4 48	22 19	0 31	10 51	1 26	19 38	0 24	6 30	1 8	1 6	2 23	8 46	0 46	11 39	1 56	23 43	17 2	7 23	6 49	21 28		n.a.
S 22	19 45	28 28	5 6	22 4	0 46	11 17	1 25	19 49	0 24	6 35	1 8	1 4	2 23	8 46	0 46	11 38	1 56	23 43	17 1	7 20	6 48	21 31		n.a.
S 23	19 58	27 5	5 9	21 48	1 2	11 44	1 23	19 59	0 25	6 40	1 8	1 2	2 23	8 46	0 46	11 38	1 56	23 42	17 1	7 18	6 47	21 33		n.a.
M24	20 11	24 22	4 59	21 31	1 18	12 10	1 21	20 9	0 25	6 45	1 8	1 0	2 24	8 45	0 46	11 37	1 56	23 42	17 0	7 16	6 46	21 36		n.a.
T 25	20 23	20 26	4 34	21 14	1 35	12 35	1 20	20 18	0 26	6 49	1 9	0 58	2 24	8 45	0 46	11 37	1 56	23 41	17 0	7 15	6 44	21 38		n.a.
W26	20 35	15 28	3 54	20 56	1 51	13 1	1 18	20 28	0 26	6 54	1 9	0 56	2 24	8 44	0 46	11 36	1 56	23 41	16 59	7 15	6 43	21 41		n.a.
T 27	20 47	9 38	3 1	20 37	2 8	13 26	1 16	20 37	0 27	6 59	1 9	0 54	2 24	8 44	0 46	11 36	1 56	23 40	16 59	7 15	6 42	21 43		n.a.
F 28	20 58	3 12	1 56	20 18	2 24	13 51	1 14	20 47	0 27	7 3	1 9	0 52	2 24	8 44	0 46	11 35	1 56	23 40	16 58	7 15	6 41	21 45		n.a.
S 29	21 9	3s35	0 42	20 0	2 40	14 15	1 12	20 56	0 28	7 8	1 9	0 51	2 25	8 43	0 46	11 35	1 56	23 39	16 58	7 16	6 40	21 48		n.a.
S 30	21 20	10 24	0s37	19 41	2 55	14 40	1 11	21 5	0 29	7 12	1 9	0 49	2 25	8 43	0 46	11 34	1 56	23 39	16 57	7 16	6 38	21 50		n.a.
M31	21n30	16s47	1s54	19n22	3s10	15n 4	1s 9	21n13	0n29	7n17	1s 9	0s47	2s25	8s43	0s46	11s34	1n56	23n38	16n57	7n15	6n37	21n53		n.a.

Julian Day Number = 1719351.5, Delta T = 02h56m45s
Ecliptic obliquity = 23°41'53, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°08'24, Lahiri = - 4°01'23 Julian Calendar 1 May 6 BCE == Greg. Calendar 29 Apr. 006 BCE

The year -05 astronomical counting style corresponds to year 006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 6 BCE
geocentric

JUNE 6 BCE (-5) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 26 40	6♊44'16	25♏11	11°R42	15♉ 0	2♊29	21♈22	3♈38	9♓46	5°R 9	9♍36	18°R14	16♈37	23♉44	n.a.	T 1
W 2	16 30 36	7°41'21	10♐25	11♊ 7	16°13	3° 9	21°33	3°43	9°46	5♏ 8	9°37	18♈ 9	16°34	23°51	n.a.	W 2
T 3	16 34 33	8°38'27	25°34	10°31	17°26	3°49	21°45	3°48	9°47	5° 6	9°37	18° 2	16°30	23°57	n.a.	T 3
F 4	16 38 30	9°35'32	10♑29	9°54	18°38	4°29	21°57	3°53	9°48	5° 5	9°37	17°54	16°27	24° 4	n.a.	F 4
S 5	16 42 26	10°32'38	25° 1	9°18	19°51	5° 8	22° 9	3°57	9°48	5° 4	9°38	17°47	16°24	24°11	n.a.	S 5
S 6	16 46 23	11°29'44	9♒ 4	8°43	21° 4	5°48	22°20	4° 2	9°49	5° 3	9°38	17°41	16°21	24°17	n.a.	S 6
M 7	16 50 19	12°26'51	22°39	8° 9	22°17	6°28	22°32	4° 6	9°50	5° 1	9°39	17°37	16°18	24°24	n.a.	M 7
T 8	16 54 16	13°23'57	5♓45	7°37	23°29	7° 7	22°43	4°10	9°50	5° 0	9°39	17°35	16°14	24°31	n.a.	T 8
W 9	16 58 12	14°21'04	18°27	7° 8	24°42	7°47	22°55	4°14	9°50	4°59	9°40	17°D35	16°11	24°38	n.a.	W 9
T 10	17 2 9	15°18'12	0♈48	6°41	25°55	8°26	23° 6	4°19	9°51	4°58	9°40	17°36	16° 8	24°44	n.a.	T 10
F 11	17 6 5	16°15'20	12°53	6°19	27° 8	9° 6	23°17	4°23	9°51	4°57	9°41	17°R37	16° 5	24°51	n.a.	F 11
S 12	17 10 2	17°12'29	24°48	6° 0	28°21	9°46	23°28	4°27	9°51	4°56	9°42	17°37	16° 2	24°58	n.a.	S 12
S 13	17 13 59	18° 9'38	6♉38	5°46	29°34	10°25	23°39	4°30	9°52	4°55	9°42	17°35	15°59	25° 4	n.a.	S 13
M14	17 17 55	19° 6'47	18°25	5°37	0♊47	11° 5	23°50	4°34	9°52	4°54	9°43	17°30	15°55	25°11	n.a.	M14
T 15	17 21 52	20° 3'57	0♊14	5°D32	2° 0	11°44	24° 1	4°38	9°52	4°53	9°44	17°24	15°52	25°18	n.a.	T 15
W16	17 25 48	21° 1'08	12° 7	5°33	3°13	12°23	24°11	4°42	9°52	4°51	9°45	17°14	15°49	25°24	n.a.	W16
T 17	17 29 45	21°58'19	24° 6	5°39	4°26	13° 3	24°22	4°45	9°52	4°51	9°45	17° 4	15°46	25°31	n.a.	T 17
F 18	17 33 41	22°55'31	6♋12	5°50	5°40	13°42	24°32	4°48	9°R52	4°50	9°46	16°52	15°43	25°38	n.a.	F 18
S 19	17 37 38	23°52'43	18°26	6° 7	6°53	14°21	24°43	4°52	9°52	4°49	9°47	16°40	15°40	25°44	n.a.	S 19
S 20	17 41 35	24°49'55	0♌50	6°29	8° 6	15° 1	24°53	4°55	9°52	4°48	9°48	16°29	15°36	25°51	n.a.	S 20
M21	17 45 31	25°47'08	13°25	6°57	9°19	15°40	25° 3	4°58	9°52	4°47	9°49	16°21	15°33	25°58	n.a.	M21
T 22	17 49 28	26°44'21	26°12	7°31	10°32	16°19	25°13	5° 1	9°52	4°46	9°50	16°15	15°30	26° 4	n.a.	T 22
W23	17 53 24	27°41'35	9♍13	8°10	11°46	16°58	25°23	5° 4	9°52	4°45	9°51	16°11	15°27	26°11	n.a.	W23
T 24	17 57 21	28°38'49	22°31	8°54	12°59	17°37	25°33	5° 7	9°51	4°44	9°52	16°10	15°24	26°18	n.a.	T 24
F 25	18 1 17	29°36'03	6♎ 8	9°44	14°12	18°16	25°42	5°10	9°51	4°44	9°53	16°D10	15°20	26°24	n.a.	F 25
S 26	18 5 14	0♋33'18	20° 6	10°39	15°26	18°56	25°52	5°13	9°51	4°43	9°54	16°R10	15°17	26°31	n.a.	S 26
S 27	18 9 10	1°30'33	4♏25	11°40	16°39	19°35	26° 1	5°15	9°50	4°42	9°55	16° 9	15°14	26°38	n.a.	S 27
M28	18 13 7	2°27'49	19° 3	12°46	17°52	20°14	26°11	5°18	9°50	4°41	9°56	16° 6	15°11	26°44	n.a.	M28
T 29	18 17 4	3°25'05	3♐57	13°57	19° 6	20°53	26°20	5°20	9°49	4°41	9°57	16° 0	15° 8	26°51	n.a.	T 29
W30	18 21 0	4♋22'22	18♐58	15♊13	20♊19	21♊32	26♈29	5♈22	9♓49	4♏40	9♍59	15♈52	15♈ 5	26♉58	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n40	22s15	3s 5	19n 4	3s23	15n27	1s 7	21n22	0n30	7n21	1s 9	0s45	2s25	8s42	0s46	11s34	1n56	23n37	16n56	7n14	6n36	21n55		n.a.
W 2	21 50	26 16	4 3	18 47	3 36	15 50	1 4	21 30	0 30	7 25	1 9	0 44	2 26	8 42	0 46	11 33	1 56	23 37	16 56	7 11	6 35	21 57		n.a.
T 3	21 59	28 21	4 44	18 30	3 48	16 13	1 2	21 39	0 31	7 30	1 9	0 42	2 26	8 42	0 46	11 33	1 56	23 36	16 55	7 9	6 33	22 0		n.a.
F 4	22 8	28 20	5 4	18 15	3 58	16 36	1 0	21 47	0 31	7 34	1 9	0 40	2 26	8 42	0 46	11 32	1 56	23 36	16 55	7 6	6 32	22 2		n.a.
S 5	22 16	26 21	5 4	18 0	4 8	16 58	0 58	21 54	0 32	7 38	1 9	0 39	2 26	8 41	0 46	11 32	1 56	23 35	16 54	7 3	6 31	22 5		n.a.
S 6	22 24	22 46	4 46	17 47	4 15	17 19	0 56	22 2	0 32	7 43	1 10	0 37	2 26	8 41	0 46	11 32	1 56	23 34	16 54	7 1	6 30	22 7		n.a.
M 7	22 32	18 4	4 12	17 36	4 22	17 40	0 54	22 10	0 33	7 47	1 10	0 36	2 27	8 41	0 46	11 31	1 56	23 34	16 53	6 59	6 28	22 9		n.a.
T 8	22 39	12 40	3 25	17 26	4 26	18 1	0 51	22 17	0 33	7 51	1 10	0 34	2 27	8 41	0 47	11 31	1 56	23 33	16 53	6 59	6 27	22 12		n.a.
W 9	22 46	6 55	2 30	17 18	4 30	18 21	0 49	22 24	0 34	7 55	1 10	0 33	2 27	8 41	0 47	11 31	1 55	23 32	16 52	6 59	6 26	22 14		n.a.
T 10	22 53	1 2	1 29	17 12	4 31	18 41	0 47	22 31	0 34	7 59	1 10	0 31	2 27	8 41	0 47	11 30	1 55	23 32	16 52	6 59	6 25	22 16		n.a.
F 11	22 59	4n45	0 25	17 8	4 32	19 1	0 44	22 38	0 35	8 3	1 10	0 30	2 28	8 41	0 47	11 30	1 55	23 31	16 51	6 59	6 24	22 19		n.a.
S 12	23 5	10 18	0n38	17 6	4 30	19 19	0 42	22 44	0 35	8 7	1 10	0 29	2 28	8 40	0 47	11 30	1 55	23 30	16 51	6 59	6 22	22 21		n.a.
S 13	23 10	15 27	1 40	17 6	4 28	19 38	0 40	22 51	0 36	8 11	1 10	0 27	2 28	8 40	0 47	11 29	1 55	23 29	16 50	6 58	6 21	22 23		n.a.
M14	23 15	20 0	2 37	17 9	4 24	19 56	0 37	22 57	0 36	8 15	1 10	0 26	2 28	8 40	0 47	11 29	1 55	23 29	16 50	6 57	6 20	22 26		n.a.
T 15	23 19	23 47	3 27	17 13	4 19	20 13	0 35	23 3	0 37	8 19	1 10	0 25	2 29	8 40	0 47	11 29	1 55	23 28	16 49	6 54	6 19	22 28		n.a.
W16	23 23	26 35	4 8	17 20	4 12	20 30	0 32	23 9	0 37	8 23	1 11	0 23	2 29	8 40	0 47	11 28	1 55	23 27	16 48	6 50	6 17	22 30		n.a.
T 17	23 27	28 12	4 39	17 28	4 4	20 46	0 30	23 14	0 38	8 27	1 11	0 22	2 29	8 40	0 47	11 28	1 55	23 26	16 48	6 46	6 16	22 33		n.a.
F 18	23 30	28 30	4 57	17 38	3 56	21 2	0 28	23 20	0 38	8 31	1 11	0 21	2 30	8 40	0 47	11 28	1 55	23 26	16 47	6 42	6 15	22 35		n.a.
S 19	23 33	27 24	5 2	17 51	3 46	21 17	0 25	23 25	0 39	8 34	1 11	0 20	2 30	8 40	0 47	11 28	1 55	23 25	16 47	6 37	6 14	22 37		n.a.
S 20	23 36	24 57	4 53	18 5	3 36	21 31	0 23	23 30	0 39	8 38	1 11	0 19	2 30	8 40	0 47	11 27	1 55	23 24	16 46	6 33	6 12	22 39		n.a.
M21	23 38	21 16	4 30	18 20	3 25	21 45	0 20	23 35	0 40	8 42	1 11	0 18	2 30	8 41	0 47	11 27	1 55	23 23	16 46	6 30	6 11	22 42		n.a.
T 22	23 39	16 33	3 52	18 37	3 13	21 59	0 18	23 39	0 40	8 45	1 11	0 17	2 31	8 41	0 47	11 27	1 55	23 22	16 45	6 27	6 10	22 44		n.a.
W23	23 41	11 1	3 3	18 56	3 1	22 11	0 15	23 44	0 41	8 49	1 11	0 16	2 31	8 41	0 47	11 27	1 55	23 22	16 45	6 26	6 9	22 46		n.a.
T 24	23 41	4 52	2 2	19 15	2 48	22 24	0 13	23 48	0 41	8 52	1 12	0 15	2 31	8 41	0 47	11 26	1 55	23 21	16 45	6 25	6 7	22 49		n.a.
F 25	23 42	1s39	0 53	19 36	2 35	22 35	0 10	23 52	0 42	8 56	1 12	0 14	2 31	8 41	0 47	11 26	1 55	23 20	16 44	6 25	6 6	22 51		n.a.
S 26	23 42	8 16	0s21	19 58	2 21	22 46	0 8	23 56	0 42	8 59	1 12	0 14	2 32	8 41	0 47	11 26	1 55	23 19	16 44	6 25	6 5	22 53		n.a.
S 27	23 41	14 37	1 35	20 20	2 7	22 56	0 5	24 0	0 43	9 2	1 12	0 13	2 32	8 41	0 47	11 26	1 55	23 18	16 43	6 25	6 4	22 55		n.a.
M28	23 40	20 19	2 45	20 42	1 53	23 6	0 3	24 3	0 43	9 6	1 12	0 12	2 32	8 42	0 47	11 26	1 54	23 17	16 43	6 24	6 3	22 58		n.a.
T 29	23 39	24 50	3 44	21 5	1 39	23 14	0 0	24 7	0 44	9 9	1 12	0 11	2 33	8 42	0 47	11 25	1 54	23 16	16 42	6 22	6 1	23 0		n.a.
W30	23n37	27s42	4s29	21n28	1s25	23n23	0n 2	24n10	0n44	9n12	1s12	0s11	2s33	8s42	0s47	11s25	1n54	23n15	16n42	6n18	6n 0	23n 2		n.a.

Julian Day Number = 1719382.5, Delta T = 02h56m44s
Ecliptic obliquity = 23°41'52, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°08'19, Lahiri = - 4°01'19 Julian Calendar 1 June 6 BCE == Greg. Calendar 30 May 006 BCE

The year -05 astronomical counting style corresponds to year 006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 6 BCE
geocentric

JULY 6 BCE (-5) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 24 57	5♋19'40	3♉59	16♊34	21♊33	22♊10	26♈38	5♈24	9°R48	4°R40	10♍ 0	15°R42	15♈ 1	27♉ 4	n.a.	T 1
F 2	18 28 53	6°16'59	18°49	17°59	22°46	22°49	26°47	5°27	9♓47	4♏39	10° 1	15♈31	14°58	27°11	n.a.	F 2
S 3	18 32 50	7°14'19	3♒20	19°30	24° 0	23°28	26°56	5°29	9°47	4°38	10° 2	15°20	14°55	27°18	n.a.	S 3
S 4	18 36 46	8°11'40	17°25	21° 4	25°14	24° 7	27° 4	5°30	9°46	4°38	10° 4	15°12	14°52	27°25	n.a.	S 4
M 5	18 40 43	9° 9'02	1♓ 3	22°43	26°27	24°46	27°13	5°32	9°45	4°37	10° 5	15° 5	14°49	27°31	n.a.	M 5
T 6	18 44 39	10° 6'25	14°12	24°25	27°41	25°25	27°21	5°34	9°44	4°37	10° 6	15° 1	14°46	27°38	n.a.	T 6
W 7	18 48 36	11° 3'50	26°56	26°11	28°55	26° 3	27°29	5°35	9°43	4°37	10° 8	14°59	14°42	27°45	n.a.	W 7
T 8	18 52 33	12° 1'15	9♈19	28° 1	0♋ 8	26°42	27°38	5°37	9°42	4°36	10° 9	14°59	14°39	27°51	n.a.	T 8
F 9	18 56 29	12°58'43	21°25	29°53	1°22	27°21	27°45	5°38	9°42	4°36	10°11	14°59	14°36	27°58	n.a.	F 9
S 10	19 0 26	13°56'11	3♉20	1♋48	2°36	28° 0	27°53	5°40	9°41	4°35	10°12	14°58	14°33	28° 5	n.a.	S 10
S 11	19 4 22	14°53'42	15° 9	3°45	3°50	28°38	28° 1	5°41	9°39	4°35	10°14	14°55	14°30	28°11	n.a.	S 11
M12	19 8 19	15°51'13	26°58	5°44	5° 3	29°17	28° 8	5°42	9°38	4°35	10°15	14°50	14°26	28°18	n.a.	M12
T 13	19 12 15	16°48'46	8♊50	7°44	6°17	29°55	28°16	5°43	9°37	4°35	10°17	14°43	14°23	28°25	n.a.	T 13
W14	19 16 12	17°46'21	20°48	9°45	7°31	0♋34	28°23	5°44	9°36	4°34	10°18	14°32	14°20	28°31	n.a.	W14
T 15	19 20 9	18°43'57	2♋55	11°47	8°45	1°13	28°30	5°44	9°35	4°34	10°20	14°20	14°17	28°38	n.a.	T 15
F 16	19 24 5	19°41'34	15°13	13°50	9°59	1°51	28°37	5°45	9°34	4°34	10°21	14° 7	14°14	28°45	n.a.	F 16
S 17	19 28 2	20°39'13	27°42	15°53	11°13	2°30	28°44	5°46	9°32	4°34	10°23	13°54	14°11	28°51	n.a.	S 17
S 18	19 31 58	21°36'53	10♌22	17°55	12°27	3° 8	28°51	5°46	9°31	4°34	10°25	13°41	14° 7	28°58	n.a.	S 18
M19	19 35 55	22°34'35	23°13	19°58	13°41	3°47	28°57	5°46	9°29	4°34	10°26	13°32	14° 4	29° 5	n.a.	M19
T 20	19 39 51	23°32'17	6♍16	22° 0	14°55	4°25	29° 3	5°46	9°28	4°D34	10°28	13°24	14° 1	29°11	n.a.	T 20
W21	19 43 48	24°30'01	19°30	24° 1	16° 9	5° 3	29°10	5°R47	9°27	4°34	10°30	13°20	13°58	29°18	n.a.	W21
T 22	19 47 44	25°27'46	2♎56	26° 1	17°23	5°42	29°16	5°47	9°25	4°34	10°32	13°18	13°55	29°25	n.a.	T 22
F 23	19 51 41	26°25'32	16°35	28° 0	18°38	6°20	29°21	5°46	9°23	4°34	10°33	13°D18	13°52	29°31	n.a.	F 23
S 24	19 55 38	27°23'20	0♏29	29°58	19°52	6°58	29°27	5°46	9°22	4°34	10°35	13°R18	13°48	29°38	n.a.	S 24
S 25	19 59 34	28°21'08	14°37	1♌55	21° 6	7°37	29°33	5°46	9°20	4°34	10°37	13°17	13°45	29°45	n.a.	S 25
M26	20 3 31	29°18'58	28°58	3°51	22°20	8°15	29°38	5°46	9°19	4°35	10°39	13°15	13°42	29°52	n.a.	M26
T 27	20 7 27	0♌16'50	13♐31	5°46	23°34	8°53	29°43	5°45	9°17	4°35	10°41	13° 9	13°39	29°58	n.a.	T 27
W28	20 11 24	1°14'43	28°10	7°39	24°49	9°31	29°48	5°44	9°15	4°35	10°43	13° 2	13°36	0♊ 5	n.a.	W28
T 29	20 15 20	2°12'37	12♑48	9°31	26° 3	10°10	29°53	5°44	9°13	4°35	10°45	12°52	13°32	0°12	n.a.	T 29
F 30	20 19 17	3°10'33	27°20	11°22	27°17	10°48	29°58	5°43	9°12	4°36	10°47	12°41	13°29	0°18	n.a.	F 30
S 31	20 23 13	4♌ 8'31	11♒36	13♌11	28♋32	11♋26	0♉ 2	5♈42	9♓10	4♏36	10♍49	12♈31	13♈26	0♊25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n35	28s33	4s55	21n50	1s11	23n30	0n 5	24n13	0n45	9n15	1s13	0s10	2s33	8s42	0s47	11s25	1n54	23n15	16n41	6n15	5n59	23n 4			n.a.
F 2	23 33	27 19	5 0	22 12	0 57	23 37	0 7	24 15	0 45	9 18	1 13	0 10	2 33	8 43	0 47	11 25	1 54	23 14	16 41	6 10	5 58	23 6			n.a.
S 3	23 30	24 15	4 46	22 34	0 43	23 43	0 10	24 18	0 46	9 21	1 13	0 9	2 34	8 43	0 47	11 25	1 54	23 13	16 40	6 6	5 56	23 9			n.a.
S 4	23 26	19 49	4 15	22 54	0 29	23 49	0 12	24 20	0 46	9 24	1 13	0 8	2 34	8 43	0 48	11 25	1 54	23 12	16 40	6 3	5 55	23 11			n.a.
M 5	23 23	14 29	3 30	23 13	0 16	23 53	0 14	24 22	0 47	9 27	1 13	0 8	2 34	8 44	0 48	11 25	1 54	23 11	16 39	6 0	5 54	23 13			n.a.
T 6	23 18	8 40	2 35	23 31	0 4	23 58	0 17	24 24	0 47	9 30	1 13	0 8	2 35	8 44	0 48	11 25	1 54	23 10	16 39	5 59	5 53	23 15			n.a.
W 7	23 14	2 40	1 34	23 47	0n 9	24 1	0 19	24 26	0 48	9 33	1 13	0 7	2 35	8 44	0 48	11 25	1 54	23 9	16 39	5 58	5 51	23 17			n.a.
T 8	23 9	3n16	0 30	24 1	0 20	24 3	0 22	24 28	0 48	9 36	1 14	0 7	2 35	8 45	0 48	11 24	1 54	23 8	16 38	5 58	5 50	23 20			n.a.
F 9	23 3	8 58	0n34	24 13	0 32	24 5	0 24	24 29	0 49	9 39	1 14	0 7	2 35	8 45	0 48	11 24	1 54	23 7	16 38	5 58	5 49	23 22			n.a.
S 10	22 58	14 15	1 36	24 23	0 42	24 7	0 26	24 30	0 49	9 41	1 14	0 6	2 36	8 46	0 48	11 24	1 54	23 6	16 37	5 57	5 48	23 24			n.a.
S 11	22 51	18 59	2 32	24 30	0 52	24 7	0 29	24 31	0 50	9 44	1 14	0 6	2 36	8 46	0 48	11 24	1 54	23 5	16 37	5 56	5 46	23 26			n.a.
M12	22 45	22 58	3 22	24 35	1 1	24 7	0 31	24 32	0 50	9 46	1 14	0 6	2 36	8 46	0 48	11 24	1 54	23 4	16 36	5 55	5 45	23 28			n.a.
T 13	22 38	26 1	4 4	24 37	1 9	24 6	0 33	24 32	0 50	9 49	1 14	0 6	2 37	8 47	0 48	11 24	1 54	23 3	16 36	5 52	5 44	23 30			n.a.
W14	22 30	27 57	4 35	24 36	1 16	24 4	0 35	24 33	0 51	9 51	1 15	0 6	2 37	8 47	0 48	11 24	1 54	23 2	16 36	5 48	5 43	23 33			n.a.
T 15	22 22	28 34	4 54	24 32	1 23	24 2	0 37	24 33	0 51	9 54	1 15	0 6	2 37	8 48	0 48	11 24	1 53	23 1	16 35	5 43	5 41	23 35			n.a.
F 16	22 14	27 47	5 0	24 26	1 28	23 58	0 40	24 33	0 52	9 56	1 15	0 6	2 37	8 48	0 48	11 24	1 53	23 0	16 35	5 37	5 40	23 37			n.a.
S 17	22 5	25 36	4 51	24 17	1 33	23 55	0 42	24 33	0 52	9 58	1 15	0 6	2 38	8 49	0 48	11 24	1 53	22 59	16 34	5 32	5 39	23 39			n.a.
S 18	21 56	22 8	4 29	24 6	1 38	23 50	0 44	24 32	0 53	10 1	1 15	0 6	2 38	8 50	0 48	11 24	1 53	22 58	16 34	5 28	5 38	23 41			n.a.
M19	21 47	17 34	3 52	23 52	1 41	23 45	0 46	24 32	0 53	10 3	1 15	0 6	2 38	8 50	0 48	11 24	1 53	22 57	16 34	5 24	5 36	23 43			n.a.
T 20	21 37	12 8	3 2	23 35	1 44	23 39	0 48	24 31	0 54	10 5	1 16	0 6	2 39	8 51	0 48	11 24	1 53	22 56	16 33	5 21	5 35	23 45			n.a.
W21	21 27	6 4	2 2	23 16	1 45	23 32	0 50	24 30	0 54	10 7	1 16	0 7	2 39	8 51	0 48	11 24	1 53	22 55	16 33	5 19	5 34	23 48			n.a.
T 22	21 17	0s21	0 55	22 55	1 47	23 24	0 52	24 29	0 55	10 9	1 16	0 7	2 39	8 52	0 48	11 25	1 53	22 54	16 33	5 19	5 33	23 50			n.a.
F 23	21 6	6 51	0s17	22 32	1 47	23 16	0 53	24 28	0 55	10 11	1 16	0 7	2 39	8 52	0 48	11 25	1 53	22 53	16 32	5 18	5 31	23 52			n.a.
S 24	20 54	13 10	1 30	22 7	1 47	23 7	0 55	24 26	0 55	10 13	1 16	0 7	2 40	8 53	0 48	11 25	1 53	22 52	16 32	5 18	5 30	23 54			n.a.
S 25	20 43	18 54	2 38	21 40	1 46	22 58	0 57	24 24	0 56	10 14	1 16	0 8	2 40	8 54	0 48	11 25	1 53	22 51	16 32	5 18	5 29	23 56			n.a.
M26	20 31	23 40	3 37	21 12	1 45	22 47	0 59	24 23	0 56	10 16	1 17	0 8	2 40	8 54	0 48	11 25	1 53	22 50	16 31	5 17	5 28	23 58			n.a.
T 27	20 19	27 1	4 23	20 42	1 43	22 36	1 0	24 20	0 57	10 18	1 17	0 9	2 41	8 55	0 48	11 25	1 53	22 49	16 31	5 15	5 26	24 0			n.a.
W28	20 6	28 33	4 52	20 11	1 41	22 25	1 2	24 18	0 57	10 19	1 17	0 9	2 41	8 56	0 48	11 25	1 53	22 48	16 31	5 12	5 25	24 2			n.a.
T 29	19 53	28 5	5 2	19 38	1 38	22 12	1 4	24 16	0 58	10 21	1 17	0 10	2 41	8 56	0 48	11 25	1 53	22 47	16 30	5 8	5 24	24 4			n.a.
F 30	19 39	25 41	4 52	19 4	1 35	21 59	1 5	24 13	0 58	10 22	1 17	0 10	2 41	8 57	0 48	11 26	1 52	22 46	16 30	5 4	5 23	24 6			n.a.
S 31	19n26	21s43	4s24	18n29	1n31	21n46	1n 7	24n10	0n59	10n24	1s17	0s11	2s42	8s58	0s48	11s26	1n52	22n45	16n30	5n 0	5n22	24n 8			n.a.

Julian Day Number = 1719412.5, Delta T = 02h56m43s
Ecliptic obliquity = 23°41'52, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°08'15, Lahiri = - 4°01'15 Julian Calendar 1 July 6 BCE == Greg. Calendar 29 June 006 BCE

The year -05 astronomical counting style corresponds to year 006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 6 BCE
geocentric

AUGUST 6 BCE (-5) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 27 10	5♌ 6'30	25♒33	14♌59	29♋46	12♋ 4	0♉ 6	5°R41	9°R 8	4♏36	10♍51	12°R22	13♈23	0♊32	n.a.	S 1
M 2	20 31 7	6° 4'31	9♓ 5	16°46	1♌ 0	12°42	0°10	5♈40	9♓ 6	4°37	10°52	12♈16	13°20	0°38	n.a.	M 2
T 3	20 35 3	7° 2'33	22°13	18°32	2°15	13°20	0°14	5°38	9° 4	4°37	10°54	12°12	13°17	0°45	n.a.	T 3
W 4	20 39 0	8° 0'38	4♈57	20°16	3°29	13°58	0°18	5°37	9° 2	4°38	10°57	12°10	13°13	0°52	n.a.	W 4
T 5	20 42 56	8°58'45	17°21	21°59	4°44	14°36	0°22	5°35	9° 0	4°38	10°59	12°D10	13°10	0°58	n.a.	T 5
F 6	20 46 53	9°56'54	29°29	23°41	5°58	15°14	0°25	5°34	8°58	4°39	11° 1	12°11	13° 7	1° 5	n.a.	F 6
S 7	20 50 49	10°55'05	11♉26	25°22	7°13	15°52	0°28	5°32	8°56	4°39	11° 3	12°R11	13° 4	1°12	n.a.	S 7
S 8	20 54 46	11°53'18	23°17	27° 1	8°27	16°30	0°31	5°30	8°54	4°40	11° 5	12°10	13° 1	1°19	n.a.	S 8
M 9	20 58 42	12°51'33	5♊ 7	28°39	9°42	17° 8	0°34	5°29	8°52	4°40	11° 7	12° 8	12°58	1°25	n.a.	M 9
T 10	21 2 39	13°49'51	17° 2	0♍16	10°57	17°46	0°37	5°27	8°50	4°41	11° 9	12° 3	12°54	1°32	n.a.	T 10
W11	21 6 36	14°48'11	29° 5	1°52	12°11	18°24	0°39	5°25	8°48	4°42	11°11	11°56	12°51	1°39	n.a.	W11
T 12	21 10 32	15°46'32	11♋20	3°27	13°26	19° 2	0°42	5°22	8°46	4°43	11°13	11°47	12°48	1°45	n.a.	T 12
F 13	21 14 29	16°44'56	23°48	5° 1	14°41	19°40	0°44	5°20	8°43	4°43	11°15	11°37	12°45	1°52	n.a.	F 13
S 14	21 18 25	17°43'22	6♌32	6°33	15°55	20°18	0°46	5°18	8°41	4°44	11°18	11°27	12°42	1°59	n.a.	S 14
S 15	21 22 22	18°41'50	19°30	8° 4	17°10	20°56	0°47	5°15	8°39	4°45	11°20	11°18	12°38	2° 5	n.a.	S 15
M16	21 26 18	19°40'20	2♍43	9°35	18°25	21°33	0°49	5°13	8°37	4°46	11°22	11°11	12°35	2°12	n.a.	M16
T 17	21 30 15	20°38'51	16° 8	11° 4	19°39	22°11	0°50	5°10	8°35	4°47	11°24	11° 6	12°32	2°19	n.a.	T 17
W18	21 34 11	21°37'25	29°43	12°31	20°54	22°49	0°51	5° 7	8°32	4°48	11°26	11° 3	12°29	2°25	n.a.	W18
T 19	21 38 8	22°36'00	13♎29	13°58	22° 9	23°27	0°52	5° 5	8°30	4°49	11°29	11°D 2	12°26	2°32	n.a.	T 19
F 20	21 42 4	23°34'37	27°22	15°24	23°24	24° 4	0°53	5° 2	8°28	4°50	11°31	11° 3	12°23	2°39	n.a.	F 20
S 21	21 46 1	24°33'16	11♏23	16°48	24°39	24°42	0°53	4°59	8°25	4°51	11°33	11° 4	12°19	2°45	n.a.	S 21
S 22	21 49 58	25°31'57	25°29	18°11	25°53	25°20	0°54	4°56	8°23	4°52	11°35	11°R 5	12°16	2°52	n.a.	S 22
M23	21 53 54	26°30'39	9♐41	19°33	27° 8	25°57	0°R54	4°52	8°21	4°53	11°38	11° 4	12°13	2°59	n.a.	M23
T 24	21 57 51	27°29'23	23°55	20°54	28°23	26°35	0°54	4°49	8°18	4°54	11°40	11° 2	12°10	3° 6	n.a.	T 24
W25	22 1 47	28°28'10	8♑10	22°13	29°38	27°12	0°53	4°46	8°16	4°55	11°42	10°57	12° 7	3°12	n.a.	W25
T 26	22 5 44	29°26'58	22°22	23°31	0♍53	27°50	0°53	4°42	8°14	4°56	11°45	10°51	12° 4	3°19	n.a.	T 26
F 27	22 9 40	0♍25'47	6♒26	24°47	2° 8	28°28	0°52	4°39	8°11	4°57	11°47	10°45	12° 0	3°26	n.a.	F 27
S 28	22 13 37	1°24'39	20°18	26° 2	3°23	29° 5	0°51	4°35	8° 9	4°58	11°49	10°38	11°57	3°32	n.a.	S 28
S 29	22 17 33	2°23'33	3♓54	27°15	4°38	29°43	0°50	4°32	8° 6	5° 0	11°51	10°33	11°54	3°39	n.a.	S 29
M30	22 21 30	3°22'29	17°12	28°27	5°53	0♌20	0°49	4°28	8° 4	5° 1	11°54	10°29	11°51	3°46	n.a.	M30
T 31	22 25 27	4♍21'27	0♈11	29♍37	7♍ 7	0♌57	0♉47	4♈24	8♓ 2	5♏ 2	11♍56	10♈27	11♈48	3♊52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	19n12	16s36	3s41	17n54	1n27	21n32	1n 8	24n 7	0n59	10n25	1s18	0s12	2s42	8s59	0s48	11s26	1n52	22n44	16n29	4n56	5n20	24n10			n.a.
M 2	18 57	10 49	2 46	17 17	1 22	21 17	1 9	24 4	0 59	10 26	1 18	0 12	2 42	8 59	0 48	11 26	1 52	22 43	16 29	4 54	5 19	24 12			n.a.
T 3	18 43	4 43	1 44	16 40	1 17	21 1	1 11	24 1	1 0	10 28	1 18	0 13	2 43	9 0	0 48	11 26	1 52	22 42	16 29	4 52	5 18	24 14			n.a.
W 4	18 28	1n24	0 38	16 2	1 12	20 45	1 12	23 57	1 0	10 29	1 18	0 14	2 43	9 1	0 48	11 27	1 52	22 41	16 29	4 52	5 17	24 16			n.a.
T 5	18 12	7 19	0n28	15 23	1 7	20 28	1 13	23 54	1 1	10 30	1 18	0 15	2 43	9 2	0 48	11 27	1 52	22 40	16 28	4 52	5 15	24 18			n.a.
F 6	17 57	12 50	1 31	14 44	1 1	20 11	1 14	23 50	1 1	10 31	1 19	0 16	2 43	9 2	0 48	11 27	1 52	22 39	16 28	4 52	5 14	24 20			n.a.
S 7	17 41	17 48	2 30	14 4	0 55	19 53	1 15	23 46	1 2	10 32	1 19	0 17	2 44	9 3	0 48	11 27	1 52	22 38	16 28	4 52	5 13	24 22			n.a.
S 8	17 25	22 2	3 21	13 24	0 49	19 34	1 16	23 41	1 2	10 33	1 19	0 18	2 44	9 4	0 48	11 28	1 52	22 37	16 28	4 52	5 12	24 24			n.a.
M 9	17 8	25 23	4 4	12 44	0 42	19 15	1 17	23 37	1 2	10 34	1 19	0 19	2 44	9 5	0 48	11 28	1 52	22 36	16 27	4 51	5 10	24 26			n.a.
T 10	16 51	27 39	4 37	12 3	0 36	18 56	1 18	23 32	1 3	10 34	1 19	0 20	2 44	9 6	0 49	11 28	1 52	22 35	16 27	4 49	5 9	24 28			n.a.
W11	16 34	28 39	4 57	11 22	0 29	18 35	1 19	23 28	1 3	10 35	1 20	0 21	2 45	9 6	0 49	11 28	1 52	22 34	16 27	4 46	5 8	24 30			n.a.
T 12	16 17	28 16	5 5	10 41	0 22	18 15	1 20	23 23	1 4	10 36	1 20	0 22	2 45	9 7	0 49	11 29	1 52	22 32	16 27	4 42	5 7	24 32			n.a.
F 13	15 59	26 28	4 58	10 0	0 14	17 54	1 21	23 18	1 4	10 36	1 20	0 23	2 45	9 8	0 49	11 29	1 52	22 31	16 27	4 38	5 5	24 34			n.a.
S 14	15 41	23 18	4 37	9 19	0 7	17 32	1 21	23 13	1 5	10 37	1 20	0 24	2 45	9 9	0 49	11 29	1 51	22 30	16 26	4 35	5 4	24 36			n.a.
S 15	15 23	18 56	4 1	8 37	0s 0	17 10	1 22	23 7	1 5	10 37	1 20	0 25	2 46	9 10	0 49	11 30	1 51	22 29	16 26	4 31	5 3	24 38			n.a.
M16	15 5	13 35	3 11	7 56	0 8	16 47	1 23	23 2	1 5	10 38	1 20	0 26	2 46	9 11	0 49	11 30	1 51	22 28	16 26	4 28	5 2	24 40			n.a.
T 17	14 46	7 31	2 10	7 15	0 16	16 24	1 23	22 56	1 6	10 38	1 21	0 28	2 46	9 12	0 49	11 30	1 51	22 27	16 26	4 26	5 0	24 42			n.a.
W18	14 27	1 2	1 1	6 34	0 24	16 0	1 23	22 50	1 6	10 38	1 21	0 29	2 46	9 12	0 49	11 31	1 51	22 26	16 26	4 25	4 59	24 44			n.a.
T 19	14 8	5s35	0s13	5 53	0 31	15 36	1 24	22 44	1 7	10 38	1 21	0 30	2 47	9 13	0 49	11 31	1 51	22 25	16 26	4 25	4 58	24 46			n.a.
F 20	13 48	12 0	1 27	5 13	0 39	15 11	1 24	22 38	1 7	10 38	1 21	0 32	2 47	9 14	0 49	11 32	1 51	22 24	16 26	4 25	4 57	24 48			n.a.
S 21	13 29	17 53	2 36	4 32	0 47	14 46	1 24	22 31	1 7	10 38	1 21	0 33	2 47	9 15	0 49	11 32	1 51	22 23	16 25	4 26	4 55	24 50			n.a.
S 22	13 9	22 51	3 37	3 52	0 55	14 21	1 24	22 25	1 8	10 38	1 22	0 35	2 47	9 16	0 49	11 32	1 51	22 22	16 25	4 26	4 54	24 52			n.a.
M23	12 49	26 30	4 24	3 13	1 3	13 55	1 25	22 18	1 8	10 38	1 22	0 36	2 47	9 17	0 49	11 33	1 51	22 21	16 25	4 26	4 53	24 53			n.a.
T 24	12 28	28 29	4 55	2 33	1 11	13 29	1 25	22 11	1 9	10 38	1 22	0 38	2 48	9 18	0 49	11 33	1 51	22 20	16 25	4 25	4 52	24 55			n.a.
W25	12 8	28 35	5 9	1 54	1 19	13 2	1 25	22 4	1 9	10 38	1 22	0 39	2 48	9 19	0 49	11 34	1 51	22 19	16 25	4 23	4 50	24 57			n.a.
T 26	11 47	26 48	5 3	1 16	1 27	12 36	1 24	21 57	1 9	10 37	1 22	0 41	2 48	9 20	0 49	11 34	1 51	22 18	16 25	4 20	4 49	24 59			n.a.
F 27	11 26	23 22	4 39	0 38	1 35	12 8	1 24	21 50	1 10	10 37	1 22	0 42	2 48	9 20	0 49	11 35	1 51	22 17	16 25	4 18	4 48	25 1			n.a.
S 28	11 5	18 38	3 59	0 1	1 43	11 41	1 24	21 42	1 10	10 36	1 23	0 44	2 48	9 21	0 49	11 35	1 51	22 16	16 25	4 15	4 46	25 3			n.a.
S 29	10 44	13 3	3 5	0s35	1 51	11 13	1 24	21 35	1 11	10 36	1 23	0 45	2 49	9 22	0 49	11 36	1 51	22 15	16 25	4 13	4 45	25 5			n.a.
M30	10 23	7 0	2 3	1 11	1 59	10 45	1 23	21 27	1 11	10 35	1 23	0 47	2 49	9 23	0 49	11 36	1 50	22 14	16 25	4 12	4 44	25 7			n.a.
T 31	10n 1	0s47	0s56	1s46	2s 6	10n16	1n23	21n19	1n11	10n35	1s23	0s49	2s49	9s24	0s49	11s36	1n50	22n13	16n25	4n11	4n43	25n 8			n.a.

Julian Day Number = 1719443.5, Delta T = 02h56m42s
Ecliptic obliquity = 23°41'53, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°08'11, Lahiri = - 4°01'11 Julian Calendar 1 Aug. 6 BCE == Greg. Calendar 30 July 006 BCE

The year -05 astronomical counting style corresponds to year 006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 6 BCE
geocentric

SEPTEMBER 6 BCE (-5) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 29 23	5♍20'27	12♈50	0♎44	8♍22	1♌35	0°R45	4°R20	7°R59	5♏ 4	11♍58	10°D26	11♈44	3♊59	n.a.	W 1
T 2	22 33 20	6°19'29	25°12	1°50	9°37	2°12	0♉44	4♈16	7♓57	5° 5	12° 1	10♈27	11°41	4° 6	n.a.	T 2
F 3	22 37 16	7°18'34	7♉19	2°54	10°52	2°50	0°41	4°12	7°54	5° 6	12° 3	10°29	11°38	4°13	n.a.	F 3
S 4	22 41 13	8°17'41	19°17	3°55	12° 7	3°27	0°39	4° 8	7°52	5° 8	12° 5	10°31	11°35	4°19	n.a.	S 4
S 5	22 45 9	9°16'51	1♊ 9	4°54	13°22	4° 4	0°37	4° 4	7°49	5° 9	12° 8	10°32	11°32	4°26	n.a.	S 5
M 6	22 49 6	10°16'03	13° 0	5°50	14°37	4°42	0°34	4° 0	7°47	5°11	12°10	10°R32	11°29	4°33	n.a.	M 6
T 7	22 53 2	11°15'18	24°56	6°43	15°52	5°19	0°31	3°56	7°45	5°12	12°12	10°31	11°25	4°39	n.a.	T 7
W 8	22 56 59	12°14'35	7♋ 0	7°33	17° 7	5°56	0°28	3°52	7°42	5°14	12°15	10°29	11°22	4°46	n.a.	W 8
T 9	23 0 56	13°13'54	19°18	8°19	18°23	6°34	0°25	3°47	7°40	5°15	12°17	10°26	11°19	4°53	n.a.	T 9
F 10	23 4 52	14°13'16	1♌53	9° 1	19°38	7°11	0°21	3°43	7°37	5°17	12°19	10°22	11°16	4°59	n.a.	F 10
S 11	23 8 49	15°12'40	14°46	9°39	20°53	7°48	0°17	3°38	7°35	5°18	12°22	10°17	11°13	5° 6	n.a.	S 11
S 12	23 12 45	16°12'06	27°58	10°13	22° 8	8°25	0°14	3°34	7°33	5°20	12°24	10°14	11°10	5°13	n.a.	S 12
M13	23 16 42	17°11'35	11♍30	10°41	23°23	9° 2	0°10	3°29	7°30	5°22	12°26	10°11	11° 6	5°19	n.a.	M13
T 14	23 20 38	18°11'05	25°19	11° 4	24°38	9°40	0° 5	3°25	7°28	5°23	12°29	10° 9	11° 3	5°26	n.a.	T 14
W15	23 24 35	19°10'38	9♎21	11°20	25°53	10°17	0° 1	3°20	7°25	5°25	12°31	10°D 8	11° 0	5°33	n.a.	W15
T 16	23 28 31	20°10'13	23°34	11°31	27° 8	10°54	29♈56	3°16	7°23	5°27	12°33	10° 9	10°57	5°40	n.a.	T 16
F 17	23 32 28	21° 9'50	7♏52	11°R34	28°23	11°31	29°51	3°11	7°21	5°28	12°36	10°10	10°54	5°46	n.a.	F 17
S 18	23 36 24	22° 9'28	22°11	11°29	29°38	12° 8	29°47	3° 6	7°18	5°30	12°38	10°11	10°50	5°53	n.a.	S 18
S 19	23 40 21	23° 9'09	6♐29	11°16	0♎54	12°45	29°41	3° 2	7°16	5°32	12°40	10°12	10°47	6° 0	n.a.	S 19
M20	23 44 18	24° 8'51	20°43	10°55	2° 9	13°22	29°36	2°57	7°14	5°34	12°43	10°R13	10°44	6° 6	n.a.	M20
T 21	23 48 14	25° 8'35	4♑50	10°26	3°24	13°59	29°31	2°52	7°12	5°35	12°45	10°13	10°41	6°13	n.a.	T 21
W22	23 52 11	26° 8'21	18°48	9°47	4°39	14°36	29°25	2°47	7° 9	5°37	12°47	10°12	10°38	6°20	n.a.	W22
T 23	23 56 7	27° 8'09	2♒37	9° 0	5°54	15°13	29°19	2°43	7° 7	5°39	12°50	10°10	10°35	6°26	n.a.	T 23
F 24	0 0 4	28° 7'58	16°14	8° 5	7° 9	15°50	29°13	2°38	7° 5	5°41	12°52	10° 9	10°31	6°33	n.a.	F 24
S 25	0 4 0	29° 7'50	29°38	7° 3	8°24	16°26	29° 7	2°33	7° 3	5°43	12°54	10° 7	10°28	6°40	n.a.	S 25
S 26	0 7 57	0♎ 7'43	12♓49	5°54	9°39	17° 3	29° 1	2°28	7° 1	5°45	12°56	10° 6	10°25	6°47	n.a.	S 26
M27	0 11 53	1° 7'38	25°45	4°41	10°54	17°40	28°55	2°23	6°58	5°47	12°59	10° 5	10°22	6°53	n.a.	M27
T 28	0 15 50	2° 7'35	8♈27	3°25	12°10	18°17	28°48	2°18	6°56	5°49	13° 1	10°D 5	10°19	7° 0	n.a.	T 28
W29	0 19 47	3° 7'34	20°55	2° 8	13°25	18°54	28°42	2°14	6°54	5°51	13° 3	10° 5	10°15	7° 7	n.a.	W29
T 30	0 23 43	4♎ 7'35	3♉11	0♎54	14♎40	19♌30	28♈35	2♈ 9	6♓52	5♏53	13♍ 5	10♈ 5	10♈12	7♊13	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	9n39	5n19	0n13	2s20	2s14	9n47	1n22	21n11	1n12	10n34	1s23	0s50	2s49	9s25	0s49	11s37	1n50	22n13	16n25	4n11	4n41	25n10		n.a.
T 2	9 17	11 5	1 20	2 53	2 21	9 18	1 22	21 3	1 12	10 33	1 23	0 52	2 49	9 26	0 49	11 38	1 50	22 12	16 25	4 11	4 40	25 12		n.a.
F 3	8 55	16 20	2 22	3 26	2 28	8 49	1 21	20 55	1 13	10 32	1 24	0 54	2 50	9 27	0 49	11 38	1 50	22 11	16 24	4 12	4 39	25 14		n.a.
S 4	8 33	20 53	3 16	3 57	2 35	8 20	1 21	20 47	1 13	10 31	1 24	0 56	2 50	9 28	0 49	11 39	1 50	22 10	16 24	4 12	4 38	25 16		n.a.
S 5	8 10	24 34	4 2	4 26	2 42	7 50	1 20	20 38	1 13	10 30	1 24	0 57	2 50	9 29	0 49	11 39	1 50	22 9	16 24	4 13	4 36	25 17		n.a.
M 6	7 48	27 12	4 38	4 54	2 48	7 20	1 19	20 29	1 14	10 29	1 24	0 59	2 50	9 30	0 49	11 40	1 50	22 8	16 24	4 13	4 35	25 19		n.a.
T 7	7 25	28 38	5 2	5 21	2 54	6 50	1 18	20 21	1 14	10 28	1 24	1 1	2 50	9 30	0 49	11 40	1 50	22 7	16 24	4 13	4 34	25 21		n.a.
W 8	7 2	28 43	5 13	5 46	3 0	6 19	1 17	20 12	1 15	10 27	1 24	1 3	2 50	9 31	0 49	11 41	1 50	22 6	16 25	4 12	4 33	25 23		n.a.
T 9	6 40	27 24	5 10	6 10	3 5	5 49	1 16	20 3	1 15	10 25	1 24	1 5	2 50	9 32	0 49	11 41	1 50	22 5	16 25	4 10	4 31	25 25		n.a.
F 10	6 16	24 41	4 52	6 31	3 10	5 18	1 15	19 53	1 15	10 24	1 25	1 7	2 50	9 33	0 49	11 42	1 50	22 4	16 25	4 9	4 30	25 26		n.a.
S 11	5 53	20 42	4 19	6 50	3 14	4 47	1 14	19 44	1 16	10 23	1 25	1 9	2 51	9 34	0 49	11 42	1 50	22 3	16 25	4 7	4 29	25 28		n.a.
S 12	5 30	15 36	3 31	7 6	3 17	4 16	1 13	19 35	1 16	10 21	1 25	1 10	2 51	9 35	0 49	11 43	1 50	22 2	16 25	4 6	4 28	25 30		n.a.
M13	5 7	9 39	2 31	7 20	3 20	3 45	1 12	19 25	1 17	10 19	1 25	1 12	2 51	9 36	0 49	11 44	1 50	22 2	16 25	4 4	4 26	25 32		n.a.
T 14	4 43	3 7	1 21	7 31	3 22	3 14	1 11	19 15	1 17	10 18	1 25	1 14	2 51	9 37	0 49	11 44	1 50	22 1	16 25	4 4	4 25	25 33		n.a.
W15	4 20	3s41	0 4	7 39	3 24	2 43	1 9	19 6	1 17	10 16	1 25	1 16	2 51	9 38	0 49	11 45	1 50	22 0	16 25	4 3	4 24	25 35		n.a.
T 16	3 56	10 23	1s13	7 43	3 24	2 11	1 8	18 56	1 18	10 14	1 25	1 18	2 51	9 39	0 49	11 45	1 50	21 59	16 25	4 4	4 23	25 37		n.a.
F 17	3 32	16 36	2 27	7 43	3 23	1 40	1 6	18 46	1 18	10 13	1 25	1 20	2 51	9 39	0 49	11 46	1 50	21 58	16 25	4 4	4 21	25 39		n.a.
S 18	3 9	21 55	3 32	7 39	3 20	1 8	1 5	18 36	1 18	10 11	1 26	1 22	2 51	9 40	0 49	11 47	1 50	21 57	16 25	4 5	4 20	25 40		n.a.
S 19	2 45	25 57	4 23	7 31	3 17	0 36	1 3	18 25	1 19	10 9	1 26	1 24	2 51	9 41	0 49	11 47	1 49	21 57	16 25	4 5	4 19	25 42		n.a.
M20	2 21	28 19	4 58	7 18	3 12	0 5	1 2	18 15	1 19	10 7	1 26	1 26	2 51	9 42	0 49	11 48	1 49	21 56	16 25	4 5	4 18	25 44		n.a.
T 21	1 57	28 51	5 15	7 0	3 5	0s27	1 0	18 5	1 20	10 5	1 26	1 28	2 51	9 43	0 49	11 49	1 49	21 55	16 26	4 5	4 16	25 45		n.a.
W22	1 33	27 31	5 12	6 37	2 56	0 58	0 58	17 54	1 20	10 3	1 26	1 30	2 51	9 44	0 49	11 49	1 49	21 54	16 26	4 5	4 15	25 47		n.a.
T 23	1 9	24 31	4 52	6 8	2 46	1 30	0 57	17 44	1 20	10 1	1 26	1 32	2 51	9 44	0 49	11 50	1 49	21 53	16 26	4 4	4 14	25 49		n.a.
F 24	0 45	20 12	4 16	5 35	2 33	2 2	0 55	17 33	1 21	9 59	1 26	1 34	2 52	9 45	0 49	11 51	1 49	21 53	16 26	4 4	4 13	25 51		n.a.
S 25	0 21	14 56	3 26	4 57	2 19	2 33	0 53	17 22	1 21	9 56	1 26	1 36	2 52	9 46	0 49	11 51	1 49	21 52	16 26	4 3	4 11	25 52		n.a.
S 26	0s 3	9 3	2 25	4 15	2 3	3 5	0 51	17 11	1 21	9 54	1 26	1 38	2 52	9 47	0 48	11 52	1 49	21 51	16 26	4 2	4 10	25 54		n.a.
M27	0 27	2 54	1 19	3 29	1 46	3 36	0 49	17 0	1 22	9 52	1 26	1 40	2 52	9 48	0 48	11 53	1 49	21 51	16 27	4 2	4 9	25 56		n.a.
T 28	0 51	3n15	0 9	2 42	1 27	4 8	0 47	16 49	1 22	9 49	1 26	1 42	2 52	9 48	0 48	11 53	1 49	21 50	16 27	4 2	4 8	25 57		n.a.
W29	1 15	9 10	1n 0	1 53	1 7	4 39	0 45	16 38	1 23	9 47	1 26	1 43	2 52	9 49	0 48	11 54	1 49	21 49	16 27	4 2	4 6	25 59		n.a.
T 30	1s39	14n39	2n 5	1s 4	0s46	5s11	0n43	16n26	1n23	9n44	1s26	1s45	2s52	9s50	0s48	11s55	1n49	21n48	16n27	4n 2	4n 5	26n 0		n.a.

Julian Day Number = 1719474.5, Delta T = 02h56m42s
Ecliptic obliquity = 23°41'53, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°08'07, Lahiri = - 4°01'06 Julian Calendar 1 Sept. 6 BCE == Greg. Calendar 30 Aug. 006 BCE

The year -05 astronomical counting style corresponds to year 006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 6 BCE
geocentric

OCTOBER 6 BCE (-5) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 27 40	5♎ 7'38	15♉16	29°R43	15♎55	20♌ 7	28°R28	2°R 4	6°R50	5♏55	13♍ 8	10♈ 6	10♈ 9	7♊20	n.a.	F 1
S 2	0 31 36	6° 7'44	27°12	28♍39	17°10	20°44	28♈21	1♈59	6♓48	5°57	13°10	10° 6	10° 6	7°27	n.a.	S 2
S 3	0 35 33	7° 7'51	9♊ 4	27°43	18°25	21°20	28°14	1°54	6°46	5°59	13°12	10° 7	10° 3	7°33	n.a.	S 3
M 4	0 39 29	8° 8'01	20°55	26°57	19°40	21°57	28° 7	1°49	6°44	6° 1	13°14	10° 7	10° 0	7°40	n.a.	M 4
T 5	0 43 26	9° 8'13	2♋49	26°22	20°55	22°33	27°59	1°45	6°42	6° 3	13°16	10° 7	9°56	7°47	n.a.	T 5
W 6	0 47 22	10° 8'28	14°52	25°59	22°11	23°10	27°52	1°40	6°40	6° 5	13°18	10° 7	9°53	7°54	n.a.	W 6
T 7	0 51 19	11° 8'44	27° 8	25°46	23°26	23°47	27°45	1°35	6°38	6° 7	13°21	10° 7	9°50	8° 0	n.a.	T 7
F 8	0 55 16	12° 9'02	9♌40	25°D46	24°41	24°23	27°37	1°30	6°36	6° 9	13°23	10° 7	9°47	8° 7	n.a.	F 8
S 9	0 59 12	13° 9'23	22°34	25°56	25°56	25° 0	27°29	1°26	6°35	6°11	13°25	10° 8	9°44	8°14	n.a.	S 9
S 10	1 3 9	14° 9'45	5♍51	26°17	27°11	25°36	27°22	1°21	6°33	6°13	13°27	10° 8	9°41	8°20	n.a.	S 10
M11	1 7 5	15°10'10	19°33	26°48	28°26	26°12	27°14	1°16	6°31	6°15	13°29	10° 8	9°37	8°27	n.a.	M11
T 12	1 11 2	16°10'36	3♎38	27°27	29°41	26°49	27° 6	1°12	6°29	6°17	13°31	10°R 9	9°34	8°34	n.a.	T 12
W13	1 14 58	17°11'04	18° 2	28°14	0♏57	27°25	26°58	1° 7	6°28	6°20	13°33	10° 9	9°31	8°40	n.a.	W13
T 14	1 18 55	18°11'34	2♏41	29° 8	2°12	28° 1	26°50	1° 3	6°26	6°22	13°35	10° 8	9°28	8°47	n.a.	T 14
F 15	1 22 51	19°12'06	17°28	0♎ 8	3°27	28°38	26°42	0°58	6°24	6°24	13°37	10° 7	9°25	8°54	n.a.	F 15
S 16	1 26 48	20°12'39	2♐16	1°13	4°42	29°14	26°34	0°54	6°23	6°26	13°39	10° 6	9°21	9° 1	n.a.	S 16
S 17	1 30 45	21°13'14	16°56	2°23	5°57	29°50	26°26	0°49	6°21	6°28	13°41	10° 5	9°18	9° 7	n.a.	S 17
M18	1 34 41	22°13'50	1♑25	3°37	7°12	0♍26	26°17	0°45	6°20	6°31	13°43	10° 4	9°15	9°14	n.a.	M18
T 19	1 38 38	23°14'27	15°37	4°55	8°27	1° 2	26° 9	0°41	6°18	6°33	13°45	10° 3	9°12	9°21	n.a.	T 19
W20	1 42 34	24°15'06	29°31	6°15	9°42	1°39	26° 1	0°36	6°17	6°35	13°47	10°D 3	9° 9	9°27	n.a.	W20
T 21	1 46 31	25°15'46	13♒ 7	7°38	10°57	2°15	25°53	0°32	6°16	6°37	13°49	10° 4	9° 6	9°34	n.a.	T 21
F 22	1 50 27	26°16'27	26°25	9° 3	12°13	2°51	25°45	0°28	6°14	6°39	13°51	10° 5	9° 2	9°41	n.a.	F 22
S 23	1 54 24	27°17'09	9♓27	10°29	13°28	3°27	25°37	0°24	6°13	6°42	13°52	10° 6	8°59	9°48	n.a.	S 23
S 24	1 58 20	28°17'52	22°15	11°57	14°43	4° 3	25°28	0°20	6°12	6°44	13°54	10° 8	8°56	9°54	n.a.	S 24
M25	2 2 17	29°18'37	4♈50	13°26	15°58	4°38	25°20	0°16	6°11	6°46	13°56	10°R 8	8°53	10° 1	n.a.	M25
T 26	2 6 14	0♏19'23	17°14	14°56	17°13	5°14	25°12	0°12	6°10	6°48	13°58	10° 8	8°50	10° 8	n.a.	T 26
W27	2 10 10	1°20'10	29°28	16°27	18°28	5°50	25° 4	0° 9	6° 8	6°51	14° 0	10° 7	8°47	10°14	n.a.	W27
T 28	2 14 7	2°20'59	11♉34	17°58	19°43	6°26	24°56	0° 5	6° 7	6°53	14° 1	10° 5	8°43	10°21	n.a.	T 28
F 29	2 18 3	3°21'49	23°33	19°30	20°58	7° 2	24°48	0° 1	6° 6	6°55	14° 3	10° 1	8°40	10°28	n.a.	F 29
S 30	2 22 0	4°22'41	5♊27	21° 2	22°13	7°37	24°40	29♓58	6° 5	6°57	14° 5	9°57	8°37	10°34	n.a.	S 30
S 31	2 25 56	5♏23'34	17♊18	22♎35	23♏28	8♍13	24♈32	29♓54	6♓ 5	7♏ 0	14♍ 6	9♈52	8♈34	10♊41	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2s 4	19n30	3n 3	0s17	0s25	5s42	0n41	16n15	1n23	9n42	1s27	1s47	2s52	9s51	0s48	11s55	1n49	21n48	16n27	4n 2	4n 4	26n 2		n.a.
S 2	2 28	23 31	3 53	0n28	0 5	6 13	0 39	16 4	1 24	9 39	1 27	1 49	2 52	9 51	0 48	11 56	1 49	21 47	16 28	4 3	4 2	26 4		n.a.
S 3	2 52	26 31	4 32	1 8	0n15	6 44	0 37	15 52	1 24	9 37	1 27	1 51	2 52	9 52	0 48	11 57	1 49	21 46	16 28	4 3	4 1	26 5		n.a.
M 4	3 16	28 22	5 0	1 44	0 33	7 14	0 35	15 40	1 24	9 34	1 27	1 53	2 51	9 53	0 48	11 57	1 49	21 46	16 28	4 3	4 0	26 7		n.a.
T 5	3 40	28 55	5 15	2 14	0 51	7 45	0 33	15 29	1 25	9 32	1 27	1 55	2 51	9 54	0 48	11 58	1 49	21 45	16 28	4 3	3 59	26 9		n.a.
W 6	4 3	28 6	5 16	2 38	1 6	8 15	0 30	15 17	1 25	9 29	1 27	1 57	2 51	9 54	0 48	11 59	1 49	21 45	16 29	4 3	3 57	26 10		n.a.
T 7	4 27	25 55	5 3	2 56	1 21	8 46	0 28	15 5	1 26	9 26	1 27	1 59	2 51	9 55	0 48	12 0	1 49	21 44	16 29	4 3	3 56	26 12		n.a.
F 8	4 51	22 27	4 36	3 7	1 33	9 16	0 26	14 53	1 26	9 23	1 27	2 1	2 51	9 56	0 48	12 0	1 49	21 43	16 29	4 3	3 55	26 13		n.a.
S 9	5 15	17 49	3 54	3 13	1 44	9 46	0 23	14 41	1 26	9 21	1 27	2 2	2 51	9 56	0 48	12 1	1 49	21 43	16 30	4 3	3 54	26 15		n.a.
S 10	5 39	12 14	2 59	3 13	1 53	10 15	0 21	14 29	1 27	9 18	1 27	2 4	2 51	9 57	0 48	12 2	1 49	21 42	16 30	4 3	3 52	26 16		n.a.
M11	6 2	5 54	1 52	3 7	2 0	10 45	0 19	14 17	1 27	9 15	1 27	2 6	2 51	9 58	0 48	12 2	1 49	21 42	16 30	4 3	3 51	26 18		n.a.
T 12	6 26	0s54	0 36	2 57	2 6	11 14	0 16	14 4	1 27	9 12	1 27	2 8	2 51	9 58	0 48	12 3	1 49	21 41	16 30	4 4	3 50	26 20		n.a.
W13	6 49	7 49	0s44	2 42	2 10	11 43	0 14	13 52	1 28	9 9	1 26	2 10	2 51	9 59	0 48	12 4	1 49	21 41	16 31	4 4	3 49	26 21		n.a.
T 14	7 13	14 26	2 2	2 23	2 13	12 11	0 11	13 40	1 28	9 7	1 26	2 11	2 51	9 59	0 48	12 5	1 49	21 40	16 31	4 3	3 47	26 23		n.a.
F 15	7 36	20 18	3 12	2 0	2 15	12 39	0 9	13 27	1 28	9 4	1 26	2 13	2 51	10 0	0 48	12 5	1 49	21 40	16 31	4 3	3 46	26 24		n.a.
S 16	7 59	24 55	4 10	1 35	2 16	13 7	0 7	13 15	1 29	9 1	1 26	2 15	2 51	10 1	0 48	12 6	1 49	21 39	16 32	4 3	3 45	26 26		n.a.
S 17	8 22	27 53	4 51	1 6	2 15	13 35	0 4	13 2	1 29	8 58	1 26	2 16	2 50	10 1	0 48	12 7	1 49	21 39	16 32	4 2	3 44	26 27		n.a.
M18	8 45	28 54	5 13	0 36	2 14	14 2	0 2	12 50	1 29	8 55	1 26	2 18	2 50	10 2	0 48	12 8	1 49	21 38	16 32	4 2	3 42	26 29		n.a.
T 19	9 8	27 59	5 15	0 3	2 12	14 29	0s 1	12 37	1 30	8 52	1 26	2 20	2 50	10 2	0 48	12 8	1 49	21 38	16 33	4 1	3 41	26 30		n.a.
W20	9 30	25 20	4 58	0s32	2 10	14 56	0 3	12 24	1 30	8 49	1 26	2 21	2 50	10 3	0 48	12 9	1 49	21 37	16 33	4 1	3 40	26 32		n.a.
T 21	9 53	21 18	4 25	1 7	2 7	15 22	0 6	12 12	1 31	8 46	1 26	2 23	2 50	10 3	0 48	12 10	1 49	21 37	16 34	4 2	3 39	26 33		n.a.
F 22	10 15	16 16	3 39	1 45	2 3	15 48	0 8	11 59	1 31	8 43	1 26	2 24	2 50	10 4	0 48	12 11	1 49	21 37	16 34	4 2	3 37	26 35		n.a.
S 23	10 37	10 36	2 41	2 23	1 59	16 13	0 11	11 46	1 31	8 41	1 26	2 26	2 50	10 4	0 48	12 11	1 49	21 36	16 34	4 3	3 36	26 36		n.a.
S 24	10 59	4 36	1 37	3 2	1 54	16 38	0 13	11 33	1 32	8 38	1 26	2 27	2 50	10 4	0 48	12 12	1 48	21 36	16 35	4 3	3 35	26 38		n.a.
M25	11 21	1n30	0 29	3 41	1 49	17 3	0 16	11 20	1 32	8 35	1 25	2 29	2 49	10 5	0 48	12 13	1 48	21 35	16 35	4 3	3 33	26 39		n.a.
T 26	11 42	7 26	0n39	4 21	1 44	17 27	0 18	11 7	1 32	8 32	1 25	2 30	2 49	10 5	0 48	12 14	1 48	21 35	16 36	4 3	3 32	26 40		n.a.
W27	12 4	13 2	1 44	5 2	1 38	17 51	0 21	10 54	1 33	8 29	1 25	2 31	2 49	10 6	0 48	12 14	1 48	21 35	16 36	4 3	3 31	26 42		n.a.
T 28	12 25	18 4	2 44	5 42	1 32	18 14	0 23	10 41	1 33	8 26	1 25	2 33	2 49	10 6	0 48	12 15	1 48	21 35	16 36	4 2	3 30	26 43		n.a.
F 29	12 46	22 21	3 36	6 23	1 26	18 36	0 26	10 28	1 33	8 23	1 25	2 34	2 49	10 6	0 48	12 16	1 48	21 34	16 37	4 1	3 28	26 45		n.a.
S 30	13 7	25 41	4 19	7 4	1 20	18 59	0 28	10 15	1 34	8 21	1 25	2 35	2 48	10 7	0 48	12 17	1 48	21 34	16 37	3 59	3 27	26 46		n.a.
S 31	13s28	27n53	4n49	7s45	1n14	19s20	0s31	10n 2	1n34	8n18	1s25	2s36	2s48	10s 7	0s47	12s17	1n48	21n34	16n38	3n57	3n26	26n48		n.a.

Julian Day Number = 1719504.5, Delta T = 02h56m41s
Ecliptic obliquity = 23°41'54, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°08'03, Lahiri = - 4°01'02 Julian Calendar 1 Oct. 6 BCE == Greg. Calendar 29 Sept. 006 BCE

The year -05 astronomical counting style corresponds to year 006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 6 BCE
geocentric

NOVEMBER 6 BCE (-5) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 29 53	6♏24'28	29♊ 9	24♎ 8	24♏43	8♍49	24°R24	29°R51	6°R 4	7♏ 2	14♍ 8	9°R48	8♈31	10♊48	n.a.	M 1
T 2	2 33 49	7°25'24	11♋ 3	25°41	25°58	9°24	24♈16	29♓47	6♓ 3	7° 4	14°10	9♈44	8°27	10°55	n.a.	T 2
W 3	2 37 46	8°26'21	23° 4	27°15	27°13	10° 0	24° 9	29°44	6° 2	7° 6	14°11	9°42	8°24	11° 1	n.a.	W 3
T 4	2 41 43	9°27'19	5♌15	28°48	28°28	10°35	24° 1	29°41	6° 1	7° 9	14°13	9°D41	8°21	11° 8	n.a.	T 4
F 5	2 45 39	10°28'19	17°43	0♏21	29°43	11°11	23°53	29°38	6° 1	7°11	14°14	9°41	8°18	11°15	n.a.	F 5
S 6	2 49 36	11°29'21	0♍30	1°55	0♐58	11°46	23°46	29°35	6° 0	7°13	14°16	9°42	8°15	11°21	n.a.	S 6
S 7	2 53 32	12°30'23	13°41	3°29	2°13	12°22	23°39	29°32	6° 0	7°15	14°17	9°44	8°12	11°28	n.a.	S 7
M 8	2 57 29	13°31'27	27°19	5° 2	3°28	12°57	23°31	29°29	5°59	7°18	14°19	9°45	8° 8	11°35	n.a.	M 8
T 9	3 1 25	14°32'31	11♎25	6°36	4°43	13°32	23°24	29°27	5°59	7°20	14°20	9°R46	8° 5	11°42	n.a.	T 9
W10	3 5 22	15°33'37	25°58	8°10	5°58	14° 7	23°17	29°24	5°58	7°22	14°21	9°45	8° 2	11°48	n.a.	W10
T 11	3 9 18	16°34'44	10♏52	9°44	7°13	14°43	23°10	29°22	5°58	7°24	14°23	9°42	7°59	11°55	n.a.	T 11
F 12	3 13 15	17°35'52	26° 0	11°17	8°28	15°18	23° 3	29°19	5°57	7°27	14°24	9°37	7°56	12° 2	n.a.	F 12
S 13	3 17 12	18°37'01	11♐12	12°51	9°43	15°53	22°57	29°17	5°57	7°29	14°25	9°31	7°52	12° 8	n.a.	S 13
S 14	3 21 8	19°38'11	26°18	14°25	10°58	16°28	22°50	29°15	5°57	7°31	14°27	9°25	7°49	12°15	n.a.	S 14
M15	3 25 5	20°39'21	11♑ 8	15°59	12°12	17° 3	22°44	29°13	5°57	7°33	14°28	9°19	7°46	12°22	n.a.	M15
T 16	3 29 1	21°40'31	25°36	17°33	13°27	17°38	22°37	29°11	5°57	7°36	14°29	9°15	7°43	12°29	n.a.	T 16
W17	3 32 58	22°41'42	9♒39	19° 7	14°42	18°12	22°31	29° 9	5°57	7°38	14°30	9°12	7°40	12°35	n.a.	W17
T 18	3 36 54	23°42'53	23°15	20°42	15°57	18°47	22°25	29° 7	5°D57	7°40	14°31	9°D11	7°37	12°42	n.a.	T 18
F 19	3 40 51	24°44'04	6♓28	22°16	17°12	19°22	22°20	29° 5	5°57	7°42	14°32	9°12	7°33	12°49	n.a.	F 19
S 20	3 44 47	25°45'16	19°18	23°50	18°27	19°56	22°14	29° 4	5°57	7°44	14°34	9°13	7°30	12°55	n.a.	S 20
S 21	3 48 44	26°46'27	1♈52	25°25	19°42	20°31	22° 8	29° 2	5°57	7°47	14°35	9°14	7°27	13° 2	n.a.	S 21
M22	3 52 41	27°47'39	14°12	27° 0	20°56	21° 6	22° 3	29° 1	5°57	7°49	14°36	9°R14	7°24	13° 9	n.a.	M22
T 23	3 56 37	28°48'51	26°21	28°35	22°11	21°40	21°58	29° 0	5°57	7°51	14°37	9°12	7°21	13°16	n.a.	T 23
W24	4 0 34	29°50'04	8♉23	0♐10	23°26	22°14	21°53	28°58	5°58	7°53	14°37	9° 8	7°18	13°22	n.a.	W24
T 25	4 4 30	0♐51'16	20°20	1°45	24°41	22°49	21°48	28°57	5°58	7°55	14°38	9° 2	7°14	13°29	n.a.	T 25
F 26	4 8 27	1°52'29	2♊14	3°21	25°55	23°23	21°44	28°56	5°59	7°57	14°39	8°53	7°11	13°36	n.a.	F 26
S 27	4 12 23	2°53'43	14° 6	4°57	27°10	23°57	21°39	28°56	5°59	7°59	14°40	8°42	7° 8	13°42	n.a.	S 27
S 28	4 16 20	3°54'56	25°58	6°33	28°25	24°31	21°35	28°55	5°59	8° 1	14°41	8°31	7° 5	13°49	n.a.	S 28
M29	4 20 17	4°56'10	7♋51	8° 9	29°39	25° 5	21°31	28°54	6° 0	8° 3	14°42	8°20	7° 2	13°56	n.a.	M29
T 30	4 24 13	5♐57'24	19♋48	9♐46	0♑54	25♍39	21♈27	28♓54	6♓ 1	8♏ 6	14♍42	8♈ 9	6♈58	14♊ 3	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13s48	28n49	5n 8	8s25	1n 7	19s41	0s33	9n48	1n34	8n15	1s24	2s38	2s48	10s 7	0s47	12s18	1n48	21n33	16n38	3n55	3n25	26n49		n.a.
T 2	14 8	28 26	5 13	9 6	1 0	20 2	0 36	9 35	1 35	8 12	1 24	2 39	2 48	10 7	0 47	12 19	1 48	21 33	16 39	3 54	3 23	26 50		n.a.
W 3	14 28	26 42	5 5	9 46	0 54	20 22	0 38	9 22	1 35	8 10	1 24	2 40	2 48	10 8	0 47	12 20	1 48	21 33	16 39	3 53	3 22	26 52		n.a.
T 4	14 48	23 43	4 43	10 26	0 47	20 42	0 41	9 9	1 35	8 7	1 24	2 41	2 47	10 8	0 47	12 20	1 48	21 33	16 40	3 52	3 21	26 53		n.a.
F 5	15 7	19 36	4 7	11 6	0 40	21 0	0 43	8 55	1 36	8 4	1 24	2 42	2 47	10 8	0 47	12 21	1 48	21 33	16 40	3 52	3 20	26 54		n.a.
S 6	15 27	14 30	3 18	11 45	0 33	21 19	0 45	8 42	1 36	8 2	1 24	2 43	2 47	10 8	0 47	12 22	1 48	21 33	16 41	3 53	3 18	26 56		n.a.
S 7	15 45	8 36	2 18	12 24	0 27	21 36	0 48	8 29	1 36	7 59	1 23	2 44	2 47	10 8	0 47	12 23	1 48	21 32	16 41	3 54	3 17	26 57		n.a.
M 8	16 4	2 6	1 7	13 2	0 20	21 53	0 50	8 15	1 37	7 57	1 23	2 45	2 47	10 9	0 47	12 23	1 48	21 32	16 42	3 54	3 16	26 59		n.a.
T 9	16 22	4s42	0s 9	13 40	0 13	22 10	0 52	8 2	1 37	7 54	1 23	2 46	2 46	10 9	0 47	12 24	1 48	21 32	16 42	3 54	3 14	27 0		n.a.
W10	16 41	11 29	1 27	14 17	0 6	22 26	0 54	7 48	1 37	7 52	1 23	2 47	2 46	10 9	0 47	12 25	1 48	21 32	16 43	3 54	3 13	27 1		n.a.
T 11	16 58	17 48	2 41	14 54	0s 1	22 41	0 57	7 35	1 38	7 49	1 22	2 47	2 46	10 9	0 47	12 25	1 48	21 32	16 43	3 53	3 12	27 3		n.a.
F 12	17 16	23 6	3 45	15 30	0 7	22 55	0 59	7 22	1 38	7 47	1 22	2 48	2 46	10 9	0 47	12 26	1 48	21 32	16 44	3 51	3 11	27 4		n.a.
S 13	17 33	26 52	4 33	16 5	0 14	23 9	1 1	7 8	1 38	7 45	1 22	2 49	2 45	10 9	0 47	12 27	1 48	21 32	16 44	3 49	3 9	27 5		n.a.
S 14	17 50	28 40	5 2	16 40	0 20	23 22	1 3	6 55	1 39	7 43	1 22	2 49	2 45	10 9	0 47	12 28	1 48	21 32	16 45	3 46	3 8	27 6		n.a.
M15	18 7	28 22	5 9	17 14	0 27	23 35	1 5	6 41	1 39	7 40	1 21	2 50	2 45	10 9	0 47	12 28	1 48	21 32	16 45	3 44	3 7	27 8		n.a.
T 16	18 23	26 7	4 57	17 47	0 33	23 46	1 7	6 28	1 39	7 38	1 21	2 51	2 45	10 9	0 47	12 29	1 48	21 32	16 46	3 42	3 6	27 9		n.a.
W17	18 39	22 19	4 27	18 19	0 39	23 57	1 9	6 14	1 40	7 36	1 21	2 51	2 44	10 9	0 47	12 30	1 48	21 32	16 46	3 41	3 4	27 10		n.a.
T 18	18 54	17 25	3 43	18 51	0 46	24 8	1 11	6 1	1 40	7 34	1 21	2 52	2 44	10 9	0 47	12 30	1 49	21 32	16 47	3 41	3 3	27 12		n.a.
F 19	19 9	11 50	2 48	19 22	0 52	24 17	1 13	5 47	1 40	7 32	1 20	2 52	2 44	10 9	0 47	12 31	1 49	21 32	16 47	3 41	3 2	27 13		n.a.
S 20	19 24	5 54	1 46	19 52	0 57	24 26	1 15	5 34	1 41	7 30	1 20	2 52	2 44	10 9	0 47	12 32	1 49	21 32	16 48	3 41	3 1	27 14		n.a.
S 21	19 39	0n 9	0 40	20 21	1 3	24 34	1 17	5 20	1 41	7 29	1 20	2 53	2 43	10 9	0 47	12 33	1 49	21 32	16 48	3 42	2 59	27 15		n.a.
M22	19 53	6 4	0n27	20 49	1 9	24 42	1 19	5 7	1 41	7 27	1 20	2 53	2 43	10 9	0 47	12 33	1 49	21 32	16 49	3 42	2 58	27 17		n.a.
T 23	20 7	11 41	1 31	21 16	1 14	24 48	1 20	4 54	1 42	7 25	1 19	2 53	2 43	10 9	0 47	12 34	1 49	21 32	16 49	3 41	2 57	27 18		n.a.
W24	20 20	16 49	2 30	21 42	1 19	24 54	1 22	4 40	1 42	7 24	1 19	2 54	2 43	10 9	0 47	12 35	1 49	21 33	16 50	3 40	2 55	27 19		n.a.
T 25	20 33	21 16	3 22	22 7	1 24	24 59	1 24	4 27	1 42	7 22	1 19	2 54	2 42	10 8	0 46	12 35	1 49	21 33	16 51	3 37	2 54	27 20		n.a.
F 26	20 46	24 50	4 5	22 30	1 29	25 3	1 25	4 13	1 43	7 21	1 19	2 54	2 42	10 8	0 46	12 36	1 49	21 33	16 51	3 33	2 53	27 21		n.a.
S 27	20 58	27 19	4 37	22 53	1 34	25 7	1 27	4 0	1 43	7 19	1 18	2 54	2 42	10 8	0 46	12 37	1 49	21 33	16 52	3 29	2 52	27 23		n.a.
S 28	21 10	28 35	4 57	23 15	1 38	25 10	1 28	3 46	1 43	7 18	1 18	2 54	2 41	10 8	0 46	12 37	1 49	21 33	16 52	3 25	2 50	27 24		n.a.
M29	21 21	28 31	5 4	23 35	1 42	25 12	1 30	3 33	1 44	7 17	1 18	2 54	2 41	10 7	0 46	12 38	1 49	21 33	16 53	3 20	2 49	27 25		n.a.
T 30	21s32	27n 8	4n58	23s54	1s46	25s13	1s31	3n20	1n44	7n15	1s17	2s54	2s41	10s 7	0s46	12s39	1n49	21n34	16n53	3n16	2n48	27n26		n.a.

Julian Day Number = 1719535.5, Delta T = 02h56m40s
Ecliptic obliquity = 23°41'53, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°07'59, Lahiri = - 4°00'58 Julian Calendar 1 Nov. 6 BCE == Greg. Calendar 30 Oct. 006 BCE

The year -05 astronomical counting style corresponds to year 006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 6 BCE
geocentric

DECEMBER 6 BCE (-5) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 28 10	6♐58'39	1♌50	11♐23	2♑ 9	26♍13	21°R23	28°R53	6♓ 1	8♏ 8	14♍43	8°R 1	6♈55	14♊ 9	n.a.	W 1
T 2	4 32 6	7°59'54	14° 1	13° 0	3°23	26°47	21♈20	28♓53	6° 2	8°10	14°44	7♈56	6°52	14°16	n.a.	T 2
F 3	4 36 3	9° 1'08	26°25	14°37	4°38	27°21	21°16	28°53	6° 3	8°12	14°44	7°53	6°49	14°23	n.a.	F 3
S 4	4 39 59	10° 2'24	9♍ 6	16°15	5°53	27°55	21°13	28°D53	6° 4	8°14	14°45	7°D52	6°46	14°29	n.a.	S 4
S 5	4 43 56	11° 3'39	22° 8	17°53	7° 7	28°28	21°10	28°53	6° 5	8°16	14°46	7°52	6°43	14°36	n.a.	S 5
M 6	4 47 52	12° 4'54	5♎36	19°31	8°22	29° 2	21° 8	28°53	6° 5	8°18	14°46	7°R53	6°39	14°43	n.a.	M 6
T 7	4 51 49	13° 6'10	19°31	21° 9	9°36	29°35	21° 5	28°54	6° 6	8°20	14°47	7°52	6°36	14°49	n.a.	T 7
W 8	4 55 46	14° 7'26	3♏55	22°48	10°51	0♎ 9	21° 3	28°54	6° 7	8°21	14°47	7°50	6°33	14°56	n.a.	W 8
T 9	4 59 42	15° 8'42	18°45	24°27	12° 5	0°42	21° 1	28°55	6° 8	8°23	14°47	7°44	6°30	15° 3	n.a.	T 9
F 10	5 3 39	16° 9'58	3♐56	26° 6	13°20	1°15	20°59	28°55	6°10	8°25	14°48	7°36	6°27	15°10	n.a.	F 10
S 11	5 7 35	17°11'14	19°16	27°45	14°34	1°48	20°57	28°56	6°11	8°27	14°48	7°26	6°24	15°16	n.a.	S 11
S 12	5 11 32	18°12'29	4♑36	29°24	15°49	2°22	20°56	28°57	6°12	8°29	14°48	7°15	6°20	15°23	n.a.	S 12
M13	5 15 28	19°13'44	19°43	1♑ 3	17° 3	2°54	20°54	28°58	6°13	8°31	14°49	7° 5	6°17	15°30	n.a.	M13
T 14	5 19 25	20°14'58	4♒28	2°42	18°17	3°27	20°53	28°59	6°15	8°33	14°49	6°56	6°14	15°37	n.a.	T 14
W15	5 23 22	21°16'12	18°45	4°20	19°32	4° 0	20°53	29° 0	6°16	8°34	14°49	6°50	6°11	15°43	n.a.	W15
T 16	5 27 18	22°17'25	2♓31	5°58	20°46	4°33	20°52	29° 2	6°17	8°36	14°49	6°46	6° 8	15°50	n.a.	T 16
F 17	5 31 15	23°18'36	15°48	7°35	22° 0	5° 5	20°51	29° 3	6°19	8°38	14°50	6°44	6° 4	15°57	n.a.	F 17
S 18	5 35 11	24°19'47	28°40	9°12	23°14	5°38	20°51	29° 5	6°20	8°40	14°50	6°D44	6° 1	16° 3	n.a.	S 18
S 19	5 39 8	25°20'57	11♈10	10°47	24°29	6°10	20°D51	29° 6	6°22	8°41	14°50	6°R44	5°58	16°10	n.a.	S 19
M20	5 43 4	26°22'07	23°24	12°20	25°43	6°42	20°51	29° 8	6°24	8°43	14°R50	6°43	5°55	16°17	n.a.	M20
T 21	5 47 1	27°23'15	5♉26	13°52	26°57	7°14	20°52	29°10	6°25	8°45	14°50	6°40	5°52	16°24	n.a.	T 21
W22	5 50 57	28°24'22	17°21	15°22	28°11	7°46	20°52	29°12	6°27	8°46	14°50	6°34	5°49	16°30	n.a.	W22
T 23	5 54 54	29°25'29	29°13	16°49	29°25	8°18	20°53	29°14	6°29	8°48	14°50	6°25	5°45	16°37	n.a.	T 23
F 24	5 58 51	0♑26'34	11♊ 4	18°13	0♒39	8°50	20°54	29°16	6°30	8°50	14°49	6°13	5°42	16°44	n.a.	F 24
S 25	6 2 47	1°27'39	22°56	19°33	1°53	9°22	20°55	29°18	6°32	8°51	14°49	5°59	5°39	16°50	n.a.	S 25
S 26	6 6 44	2°28'43	4♋51	20°48	3° 7	9°53	20°57	29°21	6°34	8°53	14°49	5°44	5°36	16°57	n.a.	S 26
M27	6 10 40	3°29'46	16°50	21°58	4°21	10°25	20°58	29°23	6°36	8°54	14°49	5°29	5°33	17° 4	n.a.	M27
T 28	6 14 37	4°30'48	28°54	23° 3	5°35	10°56	21° 0	29°26	6°38	8°56	14°49	5°15	5°30	17°11	n.a.	T 28
W29	6 18 33	5°31'49	11♌ 4	24° 0	6°48	11°27	21° 2	29°29	6°40	8°57	14°48	5° 4	5°26	17°17	n.a.	W29
T 30	6 22 30	6°32'49	23°22	24°50	8° 2	11°58	21° 4	29°32	6°42	8°59	14°48	4°56	5°23	17°24	n.a.	T 30
F 31	6 26 26	7♑33'48	5♍51	25♑32	9♒16	12♎29	21♈ 7	29♓35	6♓44	9♏ 0	14♍48	4♈51	5♈20	17♊31	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	21s43	24n29	4n39	24s12	1s50	25s13	1s32	3n 6	1n44	7n14	1s17	2s54	2s41	10s 7	0s46	12s39	1n49	21n34	16n54	3n13	2n47	27n27			n.a.
T 2	21 53	20 43	4 6	24 28	1 53	25 13	1 34	2 53	1 44	7 13	1 17	2 54	2 40	10 7	0 46	12 40	1 49	21 34	16 55	3 11	2 45	27 29			n.a.
F 3	22 2	16 0	3 22	24 43	1 56	25 12	1 35	2 40	1 45	7 12	1 16	2 53	2 40	10 6	0 46	12 40	1 49	21 34	16 55	3 10	2 44	27 30			n.a.
S 4	22 12	10 31	2 27	24 57	1 59	25 10	1 36	2 27	1 45	7 11	1 16	2 53	2 40	10 6	0 46	12 41	1 49	21 35	16 56	3 9	2 43	27 31			n.a.
S 5	22 21	4 25	1 23	25 9	2 1	25 7	1 37	2 13	1 45	7 11	1 16	2 53	2 39	10 6	0 46	12 42	1 49	21 35	16 56	3 9	2 42	27 32			n.a.
M 6	22 29	2s 4	0 12	25 19	2 3	25 3	1 38	2 0	1 46	7 10	1 15	2 52	2 39	10 5	0 46	12 42	1 49	21 35	16 57	3 10	2 40	27 33			n.a.
T 7	22 37	8 40	1s 2	25 28	2 4	24 59	1 39	1 47	1 46	7 9	1 15	2 52	2 39	10 5	0 46	12 43	1 49	21 36	16 58	3 9	2 39	27 34			n.a.
W 8	22 45	15 3	2 14	25 35	2 6	24 54	1 40	1 34	1 46	7 9	1 15	2 52	2 39	10 4	0 46	12 44	1 49	21 36	16 58	3 8	2 38	27 35			n.a.
T 9	22 52	20 46	3 19	25 41	2 6	24 48	1 40	1 21	1 47	7 8	1 15	2 51	2 38	10 4	0 46	12 44	1 49	21 36	16 59	3 6	2 36	27 37			n.a.
F 10	22 58	25 17	4 12	25 45	2 7	24 42	1 41	1 8	1 47	7 8	1 14	2 51	2 38	10 4	0 46	12 45	1 49	21 37	16 59	3 3	2 35	27 38			n.a.
S 11	23 4	28 1	4 47	25 47	2 6	24 35	1 42	0 55	1 47	7 7	1 14	2 50	2 38	10 3	0 46	12 45	1 49	21 37	17 0	2 59	2 34	27 39			n.a.
S 12	23 10	28 38	5 1	25 48	2 6	24 26	1 42	0 42	1 47	7 7	1 14	2 49	2 37	10 3	0 46	12 46	1 49	21 38	17 1	2 55	2 33	27 40			n.a.
M13	23 15	27 5	4 54	25 46	2 5	24 18	1 43	0 29	1 48	7 7	1 13	2 49	2 37	10 2	0 46	12 46	1 49	21 38	17 1	2 50	2 31	27 41			n.a.
T 14	23 20	23 41	4 28	25 43	2 3	24 8	1 43	0 16	1 48	7 7	1 13	2 48	2 37	10 1	0 46	12 47	1 49	21 39	17 2	2 47	2 30	27 42			n.a.
W15	23 24	18 56	3 45	25 38	2 0	23 58	1 43	0 3	1 48	7 7	1 13	2 47	2 37	10 1	0 46	12 47	1 49	21 39	17 2	2 44	2 29	27 43			n.a.
T 16	23 28	13 20	2 51	25 31	1 57	23 47	1 44	0s10	1 49	7 7	1 12	2 47	2 36	10 0	0 46	12 48	1 49	21 39	17 3	2 43	2 28	27 44			n.a.
F 17	23 32	7 19	1 48	25 22	1 54	23 35	1 44	0 23	1 49	7 7	1 12	2 46	2 36	10 0	0 46	12 49	1 49	21 40	17 3	2 42	2 26	27 45			n.a.
S 18	23 34	1 11	0 43	25 11	1 49	23 23	1 44	0 36	1 49	7 7	1 12	2 45	2 36	9 59	0 46	12 49	1 49	21 40	17 4	2 42	2 25	27 46			n.a.
S 19	23 37	4n49	0n23	24 59	1 44	23 10	1 44	0 48	1 49	7 7	1 11	2 44	2 35	9 59	0 46	12 50	1 49	21 41	17 5	2 42	2 24	27 47			n.a.
M20	23 39	10 32	1 27	24 45	1 38	22 56	1 44	1 1	1 50	7 8	1 11	2 43	2 35	9 58	0 45	12 50	1 49	21 41	17 5	2 42	2 22	27 48			n.a.
T 21	23 40	15 45	2 25	24 29	1 31	22 41	1 44	1 13	1 50	7 8	1 11	2 42	2 35	9 57	0 45	12 51	1 49	21 42	17 6	2 40	2 21	27 49			n.a.
W22	23 41	20 20	3 17	24 11	1 24	22 26	1 44	1 26	1 50	7 9	1 10	2 41	2 35	9 57	0 45	12 51	1 49	21 43	17 6	2 38	2 20	27 50			n.a.
T 23	23 42	24 5	3 59	23 52	1 15	22 10	1 43	1 38	1 50	7 9	1 10	2 40	2 34	9 56	0 45	12 51	1 50	21 43	17 7	2 34	2 19	27 51			n.a.
F 24	23 42	26 49	4 31	23 32	1 5	21 54	1 43	1 51	1 51	7 10	1 10	2 39	2 34	9 55	0 45	12 52	1 50	21 44	17 8	2 30	2 17	27 52			n.a.
S 25	23 41	28 21	4 51	23 10	0 55	21 37	1 42	2 3	1 51	7 11	1 9	2 37	2 34	9 55	0 45	12 52	1 50	21 44	17 8	2 24	2 16	27 53			n.a.
S 26	23 40	28 35	4 59	22 47	0 44	21 19	1 42	2 15	1 51	7 12	1 9	2 36	2 33	9 54	0 45	12 53	1 50	21 45	17 9	2 18	2 15	27 54			n.a.
M27	23 39	27 28	4 53	22 24	0 31	21 1	1 41	2 28	1 51	7 13	1 9	2 35	2 33	9 53	0 45	12 53	1 50	21 45	17 9	2 12	2 14	27 55			n.a.
T 28	23 37	25 4	4 34	22 0	0 18	20 42	1 41	2 40	1 52	7 14	1 8	2 34	2 33	9 52	0 45	12 54	1 50	21 46	17 10	2 7	2 12	27 56			n.a.
W29	23 35	21 32	4 3	21 36	0 3	20 23	1 40	2 52	1 52	7 15	1 8	2 32	2 33	9 51	0 45	12 54	1 50	21 47	17 10	2 2	2 11	27 57			n.a.
T 30	23 32	17 1	3 20	21 12	0n12	20 3	1 39	3 4	1 52	7 16	1 8	2 31	2 32	9 51	0 45	12 55	1 50	21 47	17 11	1 59	2 10	27 58			n.a.
F 31	23s29	11n44	2n26	20s48	0n28	19s42	1s38	3s16	1n52	7n17	1s 8	2s29	2s32	9s50	0s45	12s55	1n50	21n48	17n12	1n57	2n 8	27n59			n.a.

Julian Day Number = 1719565.5, Delta T = 02h56m39s
Ecliptic obliquity = 23°41'52, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°07'54, Lahiri = - 4°00'54 Julian Calendar 1 Dec. 6 BCE == Greg. Calendar 29 Nov. 006 BCE

The year -05 astronomical counting style corresponds to year 006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 5 BCE
geocentric

JANUARY 5 BCE (-4) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 30 23	8♉34'47	18♍33	26♉ 4	10♒29	13♎ 0	21♈ 9	29♓38	6♓46	9♏ 1	14°R47	4°R48	5♈17	17♊37	n.a.	S 1
S 2	6 34 20	9°35'44	1♎33	26°26	11°43	13°31	21°12	29°41	6°48	9° 3	14♍47	4♈48	5°14	17°44	n.a.	S 2
M 3	6 38 16	10°36'41	14°53	26°38	12°57	14° 1	21°15	29°44	6°51	9° 4	14°46	4°48	5°10	17°51	n.a.	M 3
T 4	6 42 13	11°37'37	28°36	26°R38	14°10	14°32	21°18	29°47	6°53	9° 5	14°46	4°47	5° 7	17°58	n.a.	T 4
W 5	6 46 9	12°38'32	12♏45	26°28	15°24	15° 2	21°22	29°51	6°55	9° 6	14°45	4°44	5° 4	18° 4	n.a.	W 5
T 6	6 50 6	13°39'26	27°18	26° 6	16°37	15°32	21°25	29°54	6°57	9° 8	14°45	4°39	5° 1	18°11	n.a.	T 6
F 7	6 54 2	14°40'19	12♐13	25°34	17°50	16° 2	21°29	29°58	7° 0	9° 9	14°44	4°31	4°58	18°18	n.a.	F 7
S 8	6 57 59	15°41'11	27°22	24°52	19° 4	16°32	21°33	0♈ 2	7° 2	9°10	14°44	4°20	4°55	18°24	n.a.	S 8
S 9	7 1 56	16°42'02	12♉35	24° 0	20°17	17° 1	21°37	0° 5	7° 5	9°11	14°43	4° 9	4°51	18°31	n.a.	S 9
M10	7 5 52	17°42'51	27°41	23° 2	21°30	17°31	21°42	0° 9	7° 7	9°12	14°42	3°58	4°48	18°38	n.a.	M10
T 11	7 9 49	18°43'39	12♒30	21°57	22°43	18° 0	21°46	0°13	7°10	9°13	14°42	3°48	4°45	18°45	n.a.	T 11
W12	7 13 45	19°44'26	26°54	20°48	23°56	18°29	21°51	0°17	7°12	9°14	14°41	3°41	4°42	18°51	n.a.	W12
T 13	7 17 42	20°45'10	10♓49	19°38	25° 9	18°58	21°56	0°22	7°15	9°15	14°40	3°36	4°39	18°58	n.a.	T 13
F 14	7 21 38	21°45'53	24°15	18°27	26°22	19°27	22° 1	0°26	7°17	9°16	14°39	3°34	4°36	19° 5	n.a.	F 14
S 15	7 25 35	22°46'34	7♈13	17°18	27°35	19°55	22° 6	0°30	7°20	9°17	14°38	3°D34	4°32	19°11	n.a.	S 15
S 16	7 29 31	23°47'13	19°48	16°12	28°48	20°24	22°11	0°35	7°23	9°18	14°38	3°R34	4°29	19°18	n.a.	S 16
M17	7 33 28	24°47'51	2♉ 4	15°11	0♓ 1	20°52	22°17	0°39	7°25	9°19	14°37	3°34	4°26	19°25	n.a.	M17
T 18	7 37 25	25°48'26	14° 7	14°16	1°13	21°20	22°23	0°44	7°28	9°20	14°36	3°32	4°23	19°32	n.a.	T 18
W19	7 41 21	26°49'00	26° 1	13°28	2°26	21°48	22°29	0°49	7°31	9°21	14°35	3°28	4°20	19°38	n.a.	W19
T 20	7 45 18	27°49'32	7♊51	12°47	3°38	22°15	22°35	0°53	7°34	9°22	14°34	3°21	4°16	19°45	n.a.	T 20
F 21	7 49 14	28°50'02	19°42	12°14	4°51	22°43	22°41	0°58	7°37	9°22	14°33	3°12	4°13	19°52	n.a.	F 21
S 22	7 53 11	29°50'30	1♋36	11°48	6° 3	23°10	22°47	1° 3	7°39	9°23	14°32	3° 1	4°10	19°59	n.a.	S 22
S 23	7 57 7	0♒50'56	13°35	11°30	7°15	23°37	22°54	1° 8	7°42	9°24	14°31	2°49	4° 7	20° 5	n.a.	S 23
M24	8 1 4	1°51'21	25°42	11°19	8°27	24° 4	23° 1	1°13	7°45	9°25	14°30	2°37	4° 4	20°12	n.a.	M24
T 25	8 5 0	2°51'43	7♌57	11°D16	9°40	24°30	23° 8	1°19	7°48	9°25	14°28	2°25	4° 1	20°19	n.a.	T 25
W26	8 8 57	3°52'04	20°20	11°19	10°52	24°57	23°15	1°24	7°51	9°26	14°27	2°16	3°57	20°25	n.a.	W26
T 27	8 12 54	4°52'23	2♍54	11°29	12° 3	25°23	23°22	1°29	7°54	9°26	14°26	2°10	3°54	20°32	n.a.	T 27
F 28	8 16 50	5°52'41	15°37	11°45	13°15	25°49	23°29	1°35	7°57	9°27	14°25	2° 6	3°51	20°39	n.a.	F 28
S 29	8 20 47	6°52'56	28°32	12° 6	14°27	26°14	23°37	1°40	8° 0	9°27	14°24	2°D 5	3°48	20°46	n.a.	S 29
S 30	8 24 43	7°53'10	11♎41	12°33	15°39	26°40	23°44	1°46	8° 3	9°28	14°23	2° 5	3°45	20°52	n.a.	S 30
M31	8 28 40	8♒53'23	25♎ 5	13♉ 4	16♓50	27♎ 5	23♈52	1♈51	8♓ 6	9♏28	14♍21	2♈ 6	3♈42	20♊59	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s25	5n52	1n25	20s26	0n45	19s21	1s37	3s28	1n53	7n18	1s 7	2s28	2s32	9s49	0s45	12s55	1n50	21n49	17n12	1n56	2n 7	28n 0		n.a.
S 2	23 21	0s22	0 17	20 4	1 2	19 0	1 36	3 40	1 53	7 20	1 7	2 26	2 31	9 48	0 45	12 56	1 50	21 49	17 13	1 55	2 6	28 1		n.a.
M 3	23 16	6 44	0s53	19 45	1 20	18 37	1 35	3 51	1 53	7 21	1 7	2 25	2 31	9 47	0 45	12 56	1 50	21 50	17 13	1 55	2 5	28 2		n.a.
T 4	23 11	12 59	2 2	19 27	1 38	18 15	1 33	4 3	1 53	7 23	1 6	2 23	2 31	9 46	0 45	12 56	1 50	21 51	17 14	1 55	2 3	28 3		n.a.
W 5	23 5	18 47	3 6	19 11	1 56	17 52	1 32	4 14	1 53	7 24	1 6	2 22	2 31	9 46	0 45	12 57	1 50	21 51	17 14	1 54	2 2	28 3		n.a.
T 6	22 59	23 39	4 0	18 58	2 14	17 28	1 31	4 26	1 54	7 26	1 6	2 20	2 30	9 45	0 45	12 57	1 50	21 52	17 15	1 52	2 1	28 4		n.a.
F 7	22 53	27 6	4 38	18 47	2 31	17 4	1 29	4 37	1 54	7 27	1 5	2 18	2 30	9 44	0 45	12 58	1 50	21 53	17 15	1 49	2 0	28 5		n.a.
S 8	22 46	28 38	4 58	18 39	2 47	16 39	1 28	4 49	1 54	7 29	1 5	2 17	2 30	9 43	0 45	12 58	1 50	21 54	17 16	1 45	1 58	28 6		n.a.
S 9	22 38	28 2	4 57	18 34	3 1	16 14	1 26	5 0	1 54	7 31	1 5	2 15	2 30	9 42	0 45	12 58	1 50	21 54	17 16	1 40	1 57	28 7		n.a.
M10	22 31	25 21	4 35	18 31	3 14	15 49	1 24	5 11	1 54	7 33	1 4	2 13	2 29	9 41	0 45	12 58	1 50	21 55	17 17	1 35	1 56	28 8		n.a.
T 11	22 22	21 0	3 55	18 31	3 25	15 23	1 22	5 22	1 55	7 35	1 4	2 11	2 29	9 40	0 45	12 59	1 50	21 56	17 18	1 32	1 54	28 9		n.a.
W12	22 14	15 30	3 1	18 33	3 34	14 57	1 21	5 33	1 55	7 37	1 4	2 9	2 29	9 39	0 45	12 59	1 51	21 57	17 18	1 29	1 53	28 9		n.a.
T 13	22 5	9 24	1 57	18 37	3 40	14 30	1 19	5 44	1 55	7 39	1 4	2 7	2 29	9 38	0 45	12 59	1 51	21 57	17 19	1 27	1 52	28 10		n.a.
F 14	21 55	3 3	0 49	18 42	3 44	14 4	1 17	5 55	1 55	7 41	1 3	2 5	2 28	9 37	0 45	13 0	1 51	21 58	17 19	1 26	1 51	28 11		n.a.
S 15	21 45	3n12	0n19	18 50	3 46	13 36	1 14	6 6	1 55	7 44	1 3	2 3	2 28	9 36	0 45	13 0	1 51	21 59	17 20	1 26	1 49	28 12		n.a.
S 16	21 35	9 8	1 25	18 58	3 45	13 9	1 12	6 16	1 55	7 46	1 3	2 1	2 28	9 35	0 45	13 0	1 51	22 0	17 20	1 26	1 48	28 13		n.a.
M17	21 24	14 35	2 25	19 8	3 43	12 41	1 10	6 27	1 56	7 48	1 2	1 59	2 28	9 34	0 45	13 0	1 51	22 1	17 20	1 26	1 47	28 13		n.a.
T 18	21 13	19 23	3 18	19 19	3 38	12 12	1 8	6 37	1 56	7 51	1 2	1 57	2 27	9 33	0 45	13 1	1 51	22 1	17 21	1 25	1 46	28 14		n.a.
W19	21 1	23 22	4 1	19 30	3 32	11 44	1 5	6 48	1 56	7 53	1 2	1 55	2 27	9 32	0 45	13 1	1 51	22 2	17 21	1 24	1 44	28 15		n.a.
T 20	20 49	26 21	4 33	19 42	3 24	11 15	1 3	6 58	1 56	7 56	1 1	1 53	2 27	9 31	0 45	13 1	1 51	22 3	17 22	1 21	1 43	28 16		n.a.
F 21	20 37	28 11	4 54	19 54	3 15	10 46	1 0	7 8	1 56	7 58	1 1	1 51	2 27	9 30	0 44	13 1	1 51	22 4	17 22	1 17	1 42	28 17		n.a.
S 22	20 24	28 44	5 2	20 6	3 5	10 17	0 57	7 18	1 56	8 1	1 1	1 49	2 26	9 29	0 44	13 1	1 51	22 5	17 23	1 13	1 40	28 17		n.a.
S 23	20 11	27 55	4 57	20 18	2 54	9 47	0 55	7 28	1 56	8 4	1 1	1 46	2 26	9 27	0 44	13 1	1 51	22 5	17 23	1 8	1 39	28 18		n.a.
M24	19 58	25 48	4 39	20 30	2 43	9 17	0 52	7 38	1 56	8 6	1 0	1 44	2 26	9 26	0 44	13 2	1 51	22 6	17 24	1 3	1 38	28 19		n.a.
T 25	19 44	22 27	4 7	20 42	2 31	8 47	0 49	7 48	1 56	8 9	1 0	1 42	2 26	9 25	0 44	13 2	1 51	22 7	17 24	0 58	1 37	28 20		n.a.
W26	19 30	18 4	3 23	20 54	2 19	8 17	0 46	7 57	1 56	8 12	1 0	1 40	2 26	9 24	0 44	13 2	1 51	22 8	17 25	0 55	1 35	28 20		n.a.
T 27	19 15	12 52	2 29	21 6	2 7	7 47	0 43	8 7	1 57	8 15	1 0	1 37	2 25	9 23	0 44	13 2	1 51	22 9	17 25	0 52	1 34	28 21		n.a.
F 28	19 0	7 4	1 27	21 17	1 54	7 16	0 40	8 16	1 57	8 18	0 59	1 35	2 25	9 22	0 44	13 2	1 51	22 10	17 25	0 51	1 33	28 22		n.a.
S 29	18 45	0 53	0 19	21 27	1 42	6 45	0 37	8 25	1 57	8 21	0 59	1 32	2 25	9 21	0 44	13 2	1 52	22 10	17 26	0 50	1 32	28 22		n.a.
S 30	18 30	5s27	0s51	21 37	1 29	6 14	0 34	8 35	1 57	8 24	0 59	1 30	2 25	9 19	0 44	13 2	1 52	22 11	17 26	0 50	1 30	28 23		n.a.
M31	18s14	11s40	2s 0	21s46	1n17	5s43	0s31	8s44	1n57	8n27	0s59	1s28	2s24	9s18	0s44	13s 2	1n52	22n12	17n26	0n51	1n29	28n24		n.a.

Julian Day Number = 1719596.5, Delta T = 02h56m38s
Ecliptic obliquity = 23°41'52, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°07'50, Lahiri = - 4°00'50 Julian Calendar 1 Jan. 5 BCE == Greg. Calendar 30 Dec. 006 BCE

The year -04 astronomical counting style corresponds to year 005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 5 BCE
geocentric

FEBRUARY 5 BCE (-4) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 32 36	9♒53'33	8♏46	13♉40	18♓ 1	27♎29	24♈ 0	1♈57	8♓ 9	9♏29	14°R20	2°R 7	3♈38	21♊ 6	n.a.	T 1
W 2	8 36 33	10°53'43	22°45	14°21	19°13	27°54	24° 8	2° 3	8°12	9°29	14♍19	2♈ 6	3°35	21°12	n.a.	W 2
T 3	8 40 29	11°53'50	7♐ 2	15° 5	20°24	28°18	24°16	2° 9	8°16	9°29	14°17	2° 3	3°32	21°19	n.a.	T 3
F 4	8 44 26	12°53'57	21°35	15°53	21°35	28°42	24°25	2°15	8°19	9°30	14°16	1°59	3°29	21°26	n.a.	F 4
S 5	8 48 23	13°54'01	6♑19	16°44	22°46	29° 6	24°33	2°21	8°22	9°30	14°15	1°52	3°26	21°33	n.a.	S 5
S 6	8 52 19	14°54'04	21° 9	17°38	23°57	29°29	24°42	2°27	8°25	9°30	14°13	1°45	3°22	21°39	n.a.	S 6
M 7	8 56 16	15°54'04	5♒55	18°36	25° 8	29°53	24°50	2°33	8°28	9°30	14°12	1°37	3°19	21°46	n.a.	M 7
T 8	9 0 12	16°54'03	20°30	19°36	26°19	0♏15	24°59	2°39	8°32	9°30	14°10	1°31	3°16	21°53	n.a.	T 8
W 9	9 4 9	17°54'00	4♓46	20°39	27°29	0°38	25° 8	2°45	8°35	9°31	14° 9	1°26	3°13	22° 0	n.a.	W 9
T 10	9 8 5	18°53'54	18°39	21°44	28°40	1° 0	25°17	2°51	8°38	9°31	14° 8	1°23	3°10	22° 6	n.a.	T 10
F 11	9 12 2	19°53'46	2♈ 7	22°51	29°50	1°22	25°27	2°58	8°41	9°31	14° 6	1°D23	3° 7	22°13	n.a.	F 11
S 12	9 15 58	20°53'36	15° 9	24° 1	1♈ 0	1°43	25°36	3° 4	8°45	9°R31	14° 5	1°23	3° 3	22°20	n.a.	S 12
S 13	9 19 55	21°53'24	27°49	25°12	2°10	2° 4	25°46	3°11	8°48	9°31	14° 3	1°25	3° 0	22°26	n.a.	S 13
M14	9 23 52	22°53'09	10♉10	26°26	3°20	2°25	25°55	3°17	8°51	9°31	14° 2	1°26	2°57	22°33	n.a.	M14
T 15	9 27 48	23°52'52	22°16	27°41	4°30	2°45	26° 5	3°24	8°55	9°31	14° 0	1°R27	2°54	22°40	n.a.	T 15
W16	9 31 45	24°52'33	4♊13	28°58	5°40	3° 5	26°15	3°30	8°58	9°30	13°58	1°27	2°51	22°47	n.a.	W16
T 17	9 35 41	25°52'11	16° 5	0♒17	6°49	3°25	26°25	3°37	9° 1	9°30	13°57	1°24	2°48	22°53	n.a.	T 17
F 18	9 39 38	26°51'47	27°57	1°38	7°59	3°44	26°35	3°44	9° 5	9°30	13°55	1°21	2°44	23° 0	n.a.	F 18
S 19	9 43 34	27°51'21	9♋53	3° 0	9° 8	4° 3	26°45	3°50	9° 8	9°30	13°54	1°16	2°41	23° 7	n.a.	S 19
S 20	9 47 31	28°50'53	21°57	4°24	10°17	4°22	26°55	3°57	9°11	9°30	13°52	1°10	2°38	23°13	n.a.	S 20
M21	9 51 27	29°50'22	4♌11	5°49	11°26	4°40	27° 6	4° 4	9°15	9°29	13°51	1° 5	2°35	23°20	n.a.	M21
T 22	9 55 24	0♓49'48	16°37	7°16	12°35	4°57	27°16	4°11	9°18	9°29	13°49	0°59	2°32	23°27	n.a.	T 22
W23	9 59 21	1°49'13	29°15	8°44	13°43	5°15	27°27	4°18	9°22	9°29	13°47	0°55	2°28	23°34	n.a.	W23
T 24	10 3 17	2°48'35	12♍ 7	10°13	14°52	5°31	27°37	4°25	9°25	9°28	13°46	0°52	2°25	23°40	n.a.	T 24
F 25	10 7 14	3°47'56	25°12	11°44	16° 0	5°48	27°48	4°32	9°28	9°28	13°44	0°D51	2°22	23°47	n.a.	F 25
S 26	10 11 10	4°47'14	8♎30	13°17	17° 8	6° 3	27°59	4°39	9°32	9°28	13°42	0°51	2°19	23°54	n.a.	S 26
S 27	10 15 7	5°46'30	21°59	14°51	18°16	6°19	28°10	4°46	9°35	9°27	13°41	0°52	2°16	24° 1	n.a.	S 27
M28	10 19 3	6°45'44	5♏40	16°26	19°24	6°34	28°21	4°53	9°39	9°27	13°39	0°54	2°13	24° 7	n.a.	M28
T 29	10 23 0	7♓44'57	19♏32	18♒ 3	20♈31	6♏48	28♈32	5♈ 0	9♓42	9♏26	13♍37	0♈55	2♈ 9	24♊14	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s58	17s28	3s 4	21s54	1n 5	5s12	0s27	8s53	1n57	8n30	0s58	1s25	2s24	9s17	0s44	13s 2	1n52	22n13	17n27	0n51	1n28	28n24		n.a.
W 2	17 41	22 29	3 58	22 2	0 53	4 41	0 24	9 2	1 57	8 34	0 58	1 23	2 24	9 16	0 44	13 3	1 52	22 14	17 27	0 51	1 26	28 25		n.a.
T 3	17 24	26 17	4 38	22 8	0 42	4 10	0 21	9 10	1 57	8 37	0 58	1 20	2 24	9 15	0 44	13 3	1 52	22 15	17 28	0 50	1 25	28 26		n.a.
F 4	17 7	28 27	5 2	22 14	0 31	3 38	0 17	9 19	1 57	8 40	0 57	1 18	2 24	9 13	0 44	13 3	1 52	22 15	17 28	0 48	1 24	28 26		n.a.
S 5	16 50	28 38	5 6	22 19	0 20	3 7	0 14	9 27	1 57	8 44	0 57	1 15	2 24	9 12	0 44	13 3	1 52	22 16	17 28	0 45	1 23	28 27		n.a.
S 6	16 32	26 47	4 50	22 22	0 9	2 35	0 10	9 36	1 57	8 47	0 57	1 12	2 23	9 11	0 44	13 3	1 52	22 17	17 29	0 42	1 21	28 28		n.a.
M 7	16 15	23 6	4 14	22 25	0s 1	2 3	0 7	9 44	1 56	8 51	0 57	1 10	2 23	9 10	0 44	13 3	1 52	22 18	17 29	0 39	1 20	28 28		n.a.
T 8	15 56	18 0	3 22	22 26	0 11	1 32	0 3	9 52	1 56	8 54	0 56	1 7	2 23	9 9	0 44	13 3	1 52	22 19	17 29	0 36	1 19	28 29		n.a.
W 9	15 38	12 1	2 19	22 26	0 21	1 0	0n 1	10 0	1 56	8 58	0 56	1 4	2 23	9 7	0 44	13 3	1 52	22 20	17 30	0 35	1 18	28 29		n.a.
T 10	15 19	5 35	1 8	22 25	0 30	0 28	0 5	10 8	1 56	9 1	0 56	1 2	2 23	9 6	0 44	13 3	1 52	22 21	17 30	0 33	1 16	28 30		n.a.
F 11	15 0	0n55	0n 4	22 23	0 39	0n 4	0 8	10 16	1 56	9 5	0 56	0 59	2 22	9 5	0 44	13 3	1 52	22 21	17 30	0 33	1 15	28 31		n.a.
S 12	14 41	7 10	1 14	22 20	0 48	0 35	0 12	10 23	1 56	9 8	0 56	0 56	2 22	9 3	0 44	13 3	1 52	22 22	17 30	0 33	1 14	28 31		n.a.
S 13	14 22	12 58	2 19	22 15	0 56	1 7	0 16	10 31	1 56	9 12	0 55	0 54	2 22	9 2	0 44	13 2	1 52	22 23	17 31	0 34	1 12	28 32		n.a.
M14	14 2	18 6	3 15	22 8	1 4	1 39	0 20	10 38	1 56	9 16	0 55	0 51	2 22	9 1	0 44	13 2	1 52	22 24	17 31	0 35	1 11	28 32		n.a.
T 15	13 42	22 25	4 1	22 1	1 11	2 10	0 24	10 45	1 55	9 20	0 55	0 48	2 22	9 0	0 44	13 2	1 53	22 25	17 31	0 35	1 10	28 33		n.a.
W16	13 22	25 45	4 37	21 52	1 19	2 42	0 28	10 52	1 55	9 23	0 55	0 45	2 22	8 58	0 44	13 2	1 53	22 26	17 31	0 35	1 9	28 33		n.a.
T 17	13 2	27 56	5 0	21 42	1 25	3 13	0 32	10 59	1 55	9 27	0 54	0 42	2 21	8 57	0 44	13 2	1 53	22 26	17 32	0 34	1 7	28 34		n.a.
F 18	12 41	28 51	5 10	21 30	1 32	3 45	0 36	11 6	1 55	9 31	0 54	0 40	2 21	8 56	0 44	13 2	1 53	22 27	17 32	0 32	1 6	28 34		n.a.
S 19	12 21	28 26	5 7	21 17	1 37	4 16	0 40	11 13	1 54	9 35	0 54	0 37	2 21	8 55	0 44	13 2	1 53	22 28	17 32	0 30	1 5	28 35		n.a.
S 20	12 0	26 40	4 51	21 2	1 43	4 47	0 44	11 19	1 54	9 39	0 54	0 34	2 21	8 53	0 44	13 2	1 53	22 29	17 32	0 28	1 3	28 36		n.a.
M21	11 39	23 38	4 21	20 46	1 48	5 18	0 48	11 26	1 54	9 43	0 53	0 31	2 21	8 52	0 44	13 2	1 53	22 30	17 32	0 26	1 2	28 36		n.a.
T 22	11 18	19 29	3 38	20 28	1 53	5 49	0 52	11 32	1 54	9 47	0 53	0 28	2 21	8 51	0 44	13 1	1 53	22 30	17 33	0 24	1 1	28 37		n.a.
W23	10 56	14 25	2 44	20 9	1 57	6 20	0 56	11 38	1 53	9 51	0 53	0 25	2 21	8 49	0 44	13 1	1 53	22 31	17 33	0 22	1 0	28 37		n.a.
T 24	10 35	8 38	1 41	19 49	2 1	6 51	1 1	11 44	1 53	9 55	0 53	0 22	2 21	8 48	0 44	13 1	1 53	22 32	17 33	0 21	0 58	28 37		n.a.
F 25	10 13	2 24	0 31	19 26	2 4	7 21	1 5	11 50	1 52	9 59	0 53	0 19	2 20	8 47	0 44	13 1	1 53	22 33	17 33	0 21	0 57	28 38		n.a.
S 26	9 51	4s 3	0s42	19 3	2 7	7 52	1 9	11 55	1 52	10 3	0 52	0 16	2 20	8 45	0 44	13 1	1 53	22 34	17 33	0 21	0 56	28 38		n.a.
S 27	9 30	10 24	1 53	18 37	2 10	8 22	1 13	12 1	1 52	10 8	0 52	0 14	2 20	8 44	0 44	13 1	1 53	22 34	17 33	0 21	0 55	28 39		n.a.
M28	9 7	16 22	3 0	18 11	2 12	8 52	1 17	12 6	1 51	10 12	0 52	0 11	2 20	8 43	0 44	13 0	1 53	22 35	17 33	0 22	0 53	28 39		n.a.
T 29	8s45	21s35	3s56	17s42	2s14	9n21	1n22	12s12	1n51	10n16	0s52	0s 8	2s20	8s42	0s44	13s 0	1n53	22n36	17n33	0n22	0n52	28n40		n.a.

Julian Day Number = 1719627.5, Delta T = 02h56m37s
Ecliptic obliquity = 23°41'53, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°07'46, Lahiri = - 4°00'45 Julian Calendar 1 Feb. 5 BCE == Greg. Calendar 30 Jan. 005 BCE

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ASTRODIENST EPHEMERIS for the year 5 BCE
geocentric

MARCH 5 BCE (-4) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 26 56	8♓44'08	3♐33	19♒41	21♈39	7♏ 2	28♈44	5♈ 8	9♓46	9°R25	13°R36	0°R56	2♈ 6	24♊21	n.a.	W 1
T 2	10 30 53	9°43'17	17°44	21°20	22°46	7°15	28°55	5°15	9°49	9♏25	13♍34	0♈56	2° 3	24°27	n.a.	T 2
F 3	10 34 49	10°42'24	2♑ 2	23° 1	23°53	7°28	29° 6	5°22	9°52	9°24	13°32	0°55	2° 0	24°34	n.a.	F 3
S 4	10 38 46	11°41'29	16°23	24°43	25° 0	7°41	29°18	5°30	9°56	9°24	13°31	0°53	1°57	24°41	n.a.	S 4
S 5	10 42 43	12°40'33	0♒45	26°27	26° 6	7°52	29°29	5°37	9°59	9°23	13°29	0°50	1°54	24°48	n.a.	S 5
M 6	10 46 39	13°39'34	15° 2	28°12	27°13	8° 3	29°41	5°44	10° 3	9°22	13°27	0°48	1°50	24°54	n.a.	M 6
T 7	10 50 36	14°38'34	29°10	29°59	28°19	8°14	29°53	5°52	10° 6	9°22	13°26	0°46	1°47	25° 1	n.a.	T 7
W 8	10 54 32	15°37'31	13♓ 4	1♓47	29°25	8°24	0♉ 5	5°59	10°10	9°21	13°24	0°45	1°44	25° 8	n.a.	W 8
T 9	10 58 29	16°36'26	26°41	3°36	0♉31	8°33	0°17	6° 7	10°13	9°20	13°22	0°D44	1°41	25°14	n.a.	T 9
F 10	11 2 25	17°35'19	9♈59	5°27	1°36	8°42	0°29	6°14	10°16	9°19	13°21	0°44	1°38	25°21	n.a.	F 10
S 11	11 6 22	18°34'10	22°57	7°19	2°42	8°50	0°41	6°22	10°20	9°18	13°19	0°45	1°34	25°28	n.a.	S 11
S 12	11 10 18	19°32'59	5♉36	9°13	3°47	8°58	0°53	6°29	10°23	9°17	13°17	0°46	1°31	25°35	n.a.	S 12
M13	11 14 15	20°31'45	17°59	11° 9	4°51	9° 5	1° 5	6°37	10°27	9°16	13°16	0°47	1°28	25°41	n.a.	M13
T 14	11 18 12	21°30'29	0♊ 7	13° 5	5°56	9°11	1°17	6°44	10°30	9°16	13°14	0°48	1°25	25°48	n.a.	T 14
W15	11 22 8	22°29'11	12° 6	15° 3	7° 0	9°17	1°30	6°52	10°33	9°15	13°12	0°48	1°22	25°55	n.a.	W15
T 16	11 26 5	23°27'51	24° 0	17° 3	8° 4	9°21	1°42	6°59	10°37	9°14	13°11	0°R49	1°19	26° 2	n.a.	T 16
F 17	11 30 1	24°26'28	5♋53	19° 4	9° 8	9°26	1°54	7° 7	10°40	9°13	13° 9	0°48	1°15	26° 8	n.a.	F 17
S 18	11 33 58	25°25'03	17°51	21° 6	10°11	9°29	2° 7	7°15	10°43	9°12	13° 8	0°48	1°12	26°15	n.a.	S 18
S 19	11 37 54	26°23'36	29°57	23°10	11°14	9°32	2°19	7°22	10°47	9°10	13° 6	0°47	1° 9	26°22	n.a.	S 19
M20	11 41 51	27°22'06	12♌15	25°14	12°17	9°34	2°32	7°30	10°50	9° 9	13° 4	0°47	1° 6	26°28	n.a.	M20
T 21	11 45 47	28°20'35	24°48	27°20	13°20	9°36	2°45	7°38	10°53	9° 8	13° 3	0°47	1° 3	26°35	n.a.	T 21
W22	11 49 44	29°19'01	7♍38	29°26	14°22	9°R36	2°58	7°45	10°57	9° 7	13° 1	0°46	0°59	26°42	n.a.	W22
T 23	11 53 40	0♈17'25	20°47	1♈34	15°24	9°36	3°10	7°53	11° 0	9° 6	13° 0	0°46	0°56	26°49	n.a.	T 23
F 24	11 57 37	1°15'47	4♎14	3°41	16°25	9°36	3°23	8° 1	11° 3	9° 5	12°58	0°46	0°53	26°55	n.a.	F 24
S 25	12 1 34	2°14'07	17°57	5°49	17°26	9°34	3°36	8° 9	11° 6	9° 4	12°56	0°46	0°50	27° 2	n.a.	S 25
S 26	12 5 30	3°12'25	1♏53	7°57	18°27	9°32	3°49	8°16	11°10	9° 2	12°55	0°46	0°47	27° 9	n.a.	S 26
M27	12 9 27	4°10'41	16° 1	10° 5	19°28	9°29	4° 2	8°24	11°13	9° 1	12°53	0°46	0°44	27°15	n.a.	M27
T 28	12 13 23	5° 8'56	0♐15	12°12	20°28	9°25	4°15	8°32	11°16	9° 0	12°52	0°45	0°40	27°22	n.a.	T 28
W29	12 17 20	6° 7'10	14°32	14°19	21°27	9°21	4°28	8°40	11°19	8°59	12°50	0°45	0°37	27°29	n.a.	W29
T 30	12 21 16	7° 5'22	28°49	16°24	22°27	9°15	4°41	8°47	11°22	8°57	12°49	0°45	0°34	27°36	n.a.	T 30
F 31	12 25 13	8♈ 3'32	13♑ 2	18♈28	23♉25	9♏ 9	4♉55	8♈55	11♓26	8♏56	12♍47	0°D45	0♈31	27♊42	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	8s23	25s40	4s40	17s12	2s15	9n51	1n26	12s17	1n50	10n20	0s52	0s 5	2s20	8s40	0s44	13s 0	1n53	22n37	17n34	0n22	0n51	28n40			n.a.
T 2	8 0	28 12	5 6	16 41	2 15	10 20	1 30	12 22	1 49	10 24	0 51	0 2	2 20	8 39	0 44	13 0	1 53	22 37	17 34	0 22	0 49	28 41			n.a.
F 3	7 38	28 55	5 15	16 7	2 16	10 49	1 34	12 26	1 49	10 29	0 51	0n 1	2 20	8 38	0 44	12 59	1 53	22 38	17 34	0 22	0 48	28 41			n.a.
S 4	7 15	27 42	5 3	15 33	2 15	11 18	1 38	12 31	1 48	10 33	0 51	0 4	2 19	8 36	0 44	12 59	1 54	22 39	17 34	0 21	0 47	28 41			n.a.
S 5	6 52	24 39	4 33	14 56	2 15	11 47	1 42	12 35	1 48	10 37	0 51	0 7	2 19	8 35	0 44	12 59	1 54	22 39	17 34	0 20	0 46	28 42			n.a.
M 6	6 30	20 6	3 46	14 19	2 13	12 15	1 47	12 40	1 47	10 42	0 51	0 11	2 19	8 34	0 44	12 59	1 54	22 40	17 34	0 19	0 44	28 42			n.a.
T 7	6 7	14 28	2 45	13 39	2 12	12 43	1 51	12 44	1 46	10 46	0 50	0 14	2 19	8 32	0 44	12 58	1 54	22 41	17 34	0 19	0 43	28 43			n.a.
W 8	5 44	8 12	1 36	12 58	2 9	13 10	1 55	12 48	1 45	10 50	0 50	0 17	2 19	8 31	0 44	12 58	1 54	22 42	17 34	0 18	0 42	28 43			n.a.
T 9	5 20	1 40	0 22	12 15	2 7	13 38	1 59	12 52	1 45	10 55	0 50	0 20	2 19	8 30	0 44	12 58	1 54	22 42	17 34	0 18	0 41	28 43			n.a.
F 10	4 57	4n47	0n51	11 31	2 3	14 5	2 3	12 55	1 44	10 59	0 50	0 23	2 19	8 28	0 44	12 57	1 54	22 43	17 34	0 18	0 39	28 44			n.a.
S 11	4 34	10 52	2 0	10 46	2 0	14 32	2 7	12 59	1 43	11 3	0 50	0 26	2 19	8 27	0 44	12 57	1 54	22 44	17 34	0 18	0 38	28 44			n.a.
S 12	4 11	16 22	3 1	9 58	1 55	14 58	2 11	13 2	1 42	11 8	0 50	0 29	2 19	8 26	0 44	12 57	1 54	22 44	17 34	0 18	0 37	28 44			n.a.
M13	3 48	21 5	3 52	9 10	1 50	15 24	2 15	13 5	1 41	11 12	0 49	0 32	2 19	8 25	0 44	12 56	1 54	22 45	17 34	0 19	0 35	28 45			n.a.
T 14	3 24	24 50	4 32	8 19	1 45	15 50	2 19	13 8	1 40	11 17	0 49	0 35	2 19	8 23	0 44	12 56	1 54	22 45	17 34	0 19	0 34	28 45			n.a.
W15	3 1	27 26	5 0	7 28	1 39	16 15	2 23	13 11	1 39	11 21	0 49	0 38	2 19	8 22	0 44	12 56	1 54	22 46	17 34	0 19	0 33	28 45			n.a.
T 16	2 37	28 48	5 14	6 35	1 32	16 40	2 27	13 13	1 38	11 26	0 49	0 41	2 19	8 21	0 44	12 55	1 54	22 47	17 34	0 19	0 32	28 46			n.a.
F 17	2 14	28 49	5 15	5 41	1 25	17 4	2 31	13 16	1 37	11 30	0 49	0 44	2 18	8 19	0 44	12 55	1 54	22 47	17 34	0 19	0 30	28 46			n.a.
S 18	1 50	27 29	5 3	4 45	1 18	17 29	2 35	13 18	1 36	11 35	0 49	0 47	2 18	8 18	0 44	12 55	1 54	22 48	17 33	0 19	0 29	28 46			n.a.
S 19	1 27	24 53	4 37	3 49	1 10	17 52	2 39	13 20	1 34	11 39	0 48	0 51	2 18	8 17	0 44	12 54	1 54	22 48	17 33	0 19	0 28	28 46			n.a.
M20	1 3	21 6	3 58	2 51	1 1	18 16	2 42	13 22	1 33	11 44	0 48	0 54	2 18	8 16	0 44	12 54	1 54	22 49	17 33	0 19	0 26	28 47			n.a.
T 21	0 40	16 19	3 6	1 52	0 52	18 39	2 46	13 24	1 32	11 48	0 48	0 57	2 18	8 14	0 44	12 53	1 54	22 49	17 33	0 19	0 25	28 47			n.a.
W22	0 16	10 43	2 5	0 53	0 43	19 1	2 50	13 25	1 30	11 53	0 48	1 0	2 18	8 13	0 44	12 53	1 54	22 50	17 33	0 19	0 24	28 47			n.a.
T 23	0n 7	4 32	0 55	0n 7	0 33	19 23	2 53	13 26	1 29	11 57	0 48	1 3	2 18	8 12	0 44	12 53	1 54	22 50	17 33	0 19	0 23	28 47			n.a.
F 24	0 30	1s59	0s19	1 8	0 23	19 45	2 57	13 28	1 27	12 2	0 48	1 6	2 18	8 11	0 44	12 52	1 54	22 51	17 33	0 19	0 21	28 48			n.a.
S 25	0 54	8 33	1 34	2 8	0 13	20 6	3 0	13 29	1 26	12 7	0 47	1 9	2 18	8 9	0 44	12 52	1 54	22 51	17 33	0 19	0 20	28 48			n.a.
S 26	1 17	14 49	2 44	3 9	0 2	20 26	3 3	13 29	1 24	12 11	0 47	1 12	2 18	8 8	0 44	12 51	1 55	22 52	17 32	0 19	0 19	28 48			n.a.
M27	1 41	20 24	3 45	4 10	0n 9	20 46	3 7	13 30	1 23	12 16	0 47	1 15	2 18	8 7	0 44	12 51	1 55	22 52	17 32	0 18	0 18	28 48			n.a.
T 28	2 4	24 52	4 33	5 10	0 20	21 6	3 10	13 30	1 21	12 20	0 47	1 18	2 18	8 6	0 44	12 51	1 55	22 53	17 32	0 18	0 16	28 48			n.a.
W29	2 27	27 49	5 4	6 10	0 31	21 25	3 13	13 31	1 19	12 25	0 47	1 22	2 18	8 4	0 44	12 50	1 55	22 53	17 32	0 18	0 15	28 49			n.a.
T 30	2 51	28 58	5 16	7 9	0 41	21 44	3 16	13 31	1 17	12 29	0 47	1 25	2 18	8 3	0 44	12 50	1 55	22 54	17 32	0 18	0 14	28 49			n.a.
F 31	3n14	28s11	5s 9	8n 7	0n52	22n 2	3n19	13s31	1n15	12n34	0s47	1n28	2s18	8s 2	0s44	12s49	1n55	22n54	17n31	0n18	0n12	28n49			n.a.

Julian Day Number = 1719656.5, Delta T = 02h56m36s
Ecliptic obliquity = 23°41'53, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°07'42, Lahiri = - 4°00'42 Julian Calendar 1 March 5 BCE == Greg. Calendar 28 Feb. 005 BCE

The year -04 astronomical counting style corresponds to year 005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 5 BCE
geocentric

APRIL 5 BCE (-4) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 29 9	9♈ 1'41	27♑10	20♈30	24♉24	9°R 2	5♉ 8	9♈ 3	11♓29	8°R55	12°R46	0♈45	0♈28	27♊49	n.a.	S 1
S 2	12 33 6	9°59'48	11♒10	22°30	25°22	8♏55	5°21	9°11	11°32	8♏53	12♍44	0°46	0°25	27°56	n.a.	S 2
M 3	12 37 3	10°57'54	25° 1	24°27	26°19	8°46	5°34	9°18	11°35	8°52	12°43	0°46	0°21	28° 3	n.a.	M 3
T 4	12 40 59	11°55'58	8♓41	26°23	27°16	8°37	5°48	9°26	11°38	8°51	12°42	0°47	0°18	28° 9	n.a.	T 4
W 5	12 44 56	12°54'00	22° 8	28°15	28°13	8°27	6° 1	9°34	11°41	8°49	12°40	0°48	0°15	28°16	n.a.	W 5
T 6	12 48 52	13°52'01	5♈22	0♉ 4	29° 9	8°17	6°14	9°42	11°44	8°48	12°39	0°R48	0°12	28°23	n.a.	T 6
F 7	12 52 49	14°50'00	18°22	1°51	0♊ 5	8° 5	6°28	9°49	11°47	8°46	12°37	0°47	0° 9	28°29	n.a.	F 7
S 8	12 56 45	15°47'58	1♉ 7	3°34	1° 0	7°53	6°41	9°57	11°50	8°45	12°36	0°46	0° 5	28°36	n.a.	S 8
S 9	13 0 42	16°45'54	13°38	5°13	1°54	7°41	6°55	10° 5	11°53	8°43	12°35	0°44	0° 2	28°43	n.a.	S 9
M10	13 4 38	17°43'48	25°56	6°49	2°48	7°27	7° 8	10°13	11°56	8°42	12°33	0°41	29♓59	28°50	n.a.	M10
T 11	13 8 35	18°41'40	8♊ 3	8°22	3°41	7°13	7°22	10°20	11°59	8°40	12°32	0°39	29°56	28°56	n.a.	T 11
W12	13 12 32	19°39'31	20° 1	9°50	4°34	6°58	7°36	10°28	12° 2	8°39	12°31	0°36	29°53	29° 3	n.a.	W12
T 13	13 16 28	20°37'20	1♋55	11°15	5°26	6°43	7°49	10°36	12° 5	8°37	12°30	0°34	29°50	29°10	n.a.	T 13
F 14	13 20 25	21°35'07	13°48	12°36	6°18	6°27	8° 3	10°43	12° 8	8°36	12°28	0°33	29°46	29°17	n.a.	F 14
S 15	13 24 21	22°32'52	25°45	13°54	7° 8	6°11	8°17	10°51	12°10	8°34	12°27	0°D33	29°43	29°23	n.a.	S 15
S 16	13 28 18	23°30'36	7♌50	15° 7	7°58	5°54	8°30	10°59	12°13	8°33	12°26	0°34	29°40	29°30	n.a.	S 16
M17	13 32 14	24°28'18	20° 8	16°16	8°47	5°36	8°44	11° 6	12°16	8°31	12°25	0°35	29°37	29°37	n.a.	M17
T 18	13 36 11	25°25'58	2♍43	17°21	9°36	5°18	8°58	11°14	12°19	8°30	12°24	0°37	29°34	29°43	n.a.	T 18
W19	13 40 7	26°23'36	15°39	18°22	10°24	5° 0	9°12	11°22	12°21	8°28	12°23	0°38	29°31	29°50	n.a.	W19
T 20	13 44 4	27°21'13	28°57	19°19	11°10	4°41	9°25	11°29	12°24	8°27	12°22	0°R39	29°27	29°57	n.a.	T 20
F 21	13 48 1	28°18'48	12♎40	20°12	11°56	4°22	9°39	11°37	12°27	8°25	12°21	0°38	29°24	0♋ 4	n.a.	F 21
S 22	13 51 57	29°16'22	26°44	21° 0	12°41	4° 3	9°53	11°44	12°29	8°23	12°20	0°36	29°21	0°10	n.a.	S 22
S 23	13 55 54	0♉13'55	11♏ 6	21°44	13°26	3°43	10° 7	11°52	12°32	8°22	12°19	0°33	29°18	0°17	n.a.	S 23
M24	13 59 50	1°11'26	25°42	22°23	14° 9	3°23	10°21	11°59	12°34	8°20	12°18	0°29	29°15	0°24	n.a.	M24
T 25	14 3 47	2° 8'56	10♐23	22°58	14°51	3° 3	10°34	12° 7	12°37	8°19	12°17	0°25	29°11	0°30	n.a.	T 25
W26	14 7 43	3° 6'26	25° 3	23°29	15°32	2°43	10°48	12°14	12°39	8°17	12°16	0°21	29° 8	0°37	n.a.	W26
T 27	14 11 40	4° 3'54	9♑36	23°54	16°12	2°22	11° 2	12°22	12°42	8°15	12°15	0°17	29° 5	0°44	n.a.	T 27
F 28	14 15 36	5° 1'22	23°57	24°15	16°51	2° 2	11°16	12°29	12°44	8°14	12°14	0°16	29° 2	0°51	n.a.	F 28
S 29	14 19 33	5°58'49	8♒ 3	24°32	17°29	1°41	11°30	12°36	12°46	8°12	12°13	0°D15	28°59	0°57	n.a.	S 29
S 30	14 23 30	6♉56'15	21♒53	24♉43	18♊ 6	1♏21	11♉44	12♈44	12♓49	8♏10	12♍12	0♈16	28♓56	1♋ 4	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n37	25s35	4s44	9n 3	1n 3	22n20	3n22	13s30	1n14	12n39	0s46	1n31	2s18	8s 1	0s44	12s49	1n55	22n54	17n31	0n18	0n11	28n49		n.a.
S 2	4 0	21 28	4 1	9 58	1 13	22 37	3 24	13 30	1 12	12 43	0 46	1 34	2 18	8 0	0 44	12 48	1 55	22 55	17 31	0 18	0 10	28 49		n.a.
M 3	4 23	16 14	3 5	10 52	1 23	22 53	3 27	13 29	1 9	12 48	0 46	1 37	2 18	7 58	0 44	12 48	1 55	22 55	17 31	0 19	0 9	28 49		n.a.
T 4	4 46	10 15	1 59	11 43	1 33	23 9	3 30	13 28	1 7	12 52	0 46	1 40	2 18	7 57	0 44	12 47	1 55	22 55	17 30	0 19	0 7	28 50		n.a.
W 5	5 9	3 53	0 48	12 33	1 42	23 25	3 32	13 27	1 5	12 57	0 46	1 43	2 18	7 56	0 44	12 47	1 55	22 56	17 30	0 19	0 6	28 50		n.a.
T 6	5 32	2n32	0n25	13 20	1 50	23 40	3 34	13 26	1 3	13 2	0 46	1 46	2 18	7 55	0 44	12 46	1 55	22 56	17 30	0 19	0 5	28 50		n.a.
F 7	5 54	8 44	1 35	14 5	1 58	23 55	3 36	13 24	1 1	13 6	0 46	1 49	2 18	7 54	0 44	12 46	1 55	22 56	17 30	0 19	0 3	28 50		n.a.
S 8	6 17	14 28	2 40	14 48	2 5	24 8	3 39	13 22	0 58	13 11	0 46	1 52	2 18	7 53	0 44	12 45	1 55	22 57	17 29	0 18	0 2	28 50		n.a.
S 9	6 39	19 30	3 35	15 28	2 12	24 22	3 41	13 20	0 56	13 15	0 45	1 55	2 18	7 52	0 44	12 45	1 55	22 57	17 29	0 18	0 1	28 50		n.a.
M10	7 2	23 38	4 19	16 6	2 18	24 35	3 42	13 18	0 53	13 20	0 45	1 58	2 18	7 50	0 44	12 44	1 55	22 57	17 29	0 17	0s 0	28 50		n.a.
T 11	7 24	26 40	4 51	16 42	2 23	24 47	3 44	13 16	0 51	13 24	0 45	2 1	2 18	7 49	0 44	12 44	1 55	22 57	17 28	0 16	0 2	28 50		n.a.
W12	7 46	28 27	5 9	17 15	2 27	24 59	3 46	13 14	0 48	13 29	0 45	2 4	2 18	7 48	0 44	12 43	1 55	22 57	17 28	0 15	0 3	28 50		n.a.
T 13	8 8	28 56	5 15	17 45	2 31	25 10	3 47	13 11	0 46	13 34	0 45	2 8	2 18	7 47	0 44	12 43	1 55	22 58	17 28	0 14	0 4	28 50		n.a.
F 14	8 30	28 3	5 6	18 13	2 33	25 20	3 48	13 9	0 43	13 38	0 45	2 11	2 18	7 46	0 44	12 42	1 55	22 58	17 27	0 13	0 5	28 50		n.a.
S 15	8 52	25 53	4 45	18 39	2 35	25 30	3 49	13 6	0 40	13 43	0 45	2 14	2 18	7 45	0 44	12 42	1 55	22 58	17 27	0 13	0 7	28 51		n.a.
S 16	9 14	22 32	4 11	19 2	2 36	25 40	3 50	13 3	0 37	13 47	0 45	2 17	2 18	7 44	0 44	12 41	1 55	22 58	17 27	0 14	0 8	28 51		n.a.
M17	9 35	18 9	3 24	19 22	2 36	25 48	3 51	13 0	0 34	13 52	0 44	2 19	2 18	7 43	0 44	12 41	1 55	22 58	17 26	0 14	0 9	28 51		n.a.
T 18	9 56	12 54	2 27	19 40	2 35	25 57	3 52	12 56	0 31	13 56	0 44	2 22	2 18	7 42	0 44	12 40	1 55	22 58	17 26	0 15	0 11	28 51		n.a.
W19	10 18	6 58	1 21	19 56	2 33	26 4	3 52	12 53	0 28	14 1	0 44	2 25	2 18	7 41	0 45	12 40	1 55	22 58	17 26	0 15	0 12	28 51		n.a.
T 20	10 39	0 34	0 9	20 9	2 31	26 12	3 52	12 49	0 25	14 5	0 44	2 28	2 18	7 40	0 45	12 39	1 55	22 59	17 25	0 16	0 13	28 51		n.a.
F 21	10 59	6s 3	1s 5	20 20	2 27	26 18	3 52	12 46	0 22	14 10	0 44	2 31	2 18	7 39	0 45	12 39	1 55	22 59	17 25	0 15	0 14	28 51		n.a.
S 22	11 20	12 33	2 18	20 29	2 22	26 24	3 52	12 42	0 19	14 14	0 44	2 34	2 18	7 38	0 45	12 38	1 55	22 59	17 24	0 15	0 16	28 51		n.a.
S 23	11 41	18 32	3 23	20 35	2 17	26 29	3 52	12 38	0 16	14 19	0 44	2 37	2 19	7 37	0 45	12 38	1 55	22 59	17 24	0 13	0 17	28 51		n.a.
M24	12 1	23 32	4 16	20 39	2 10	26 34	3 51	12 34	0 13	14 23	0 44	2 40	2 19	7 36	0 45	12 37	1 55	22 59	17 24	0 12	0 18	28 51		n.a.
T 25	12 21	27 4	4 53	20 41	2 2	26 39	3 51	12 30	0 10	14 28	0 44	2 43	2 19	7 35	0 45	12 37	1 55	22 59	17 23	0 10	0 20	28 50		n.a.
W26	12 41	28 46	5 10	20 41	1 54	26 42	3 50	12 26	0 7	14 32	0 43	2 46	2 19	7 34	0 45	12 36	1 55	22 59	17 23	0 8	0 21	28 50		n.a.
T 27	13 1	28 27	5 7	20 38	1 44	26 46	3 48	12 22	0 3	14 37	0 43	2 49	2 19	7 33	0 45	12 36	1 55	22 59	17 22	0 7	0 22	28 50		n.a.
F 28	13 20	26 14	4 45	20 33	1 34	26 48	3 47	12 18	0 0	14 41	0 43	2 51	2 19	7 32	0 45	12 35	1 55	22 59	17 22	0 6	0 23	28 50		n.a.
S 29	13 39	22 25	4 6	20 26	1 23	26 50	3 45	12 14	0s 3	14 46	0 43	2 54	2 19	7 31	0 45	12 35	1 55	22 58	17 21	0 6	0 25	28 50		n.a.
S 30	13n59	17s25	3s14	20n17	1n10	26n52	3n43	12s10	0s 6	14n50	0s43	2n57	2s19	7s31	0s45	12s34	1n55	22n58	17n21	0n 6	0s26	28n50		n.a.

Julian Day Number = 1719687.5, Delta T = 02h56m35s
Ecliptic obliquity = 23°41'53, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°07'38, Lahiri = - 4°00'37 Julian Calendar 1 Apr. 5 BCE == Greg. Calendar 30 March 005 BCE

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ASTRODIENST EPHEMERIS for the year 5 BCE
geocentric

MAY 5 BCE (-4) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 27 26	7♉53'40	5♓26	24♉50	18♊41	1°R 0	11♉58	12♈51	12♓51	8°R 9	12°R12	0♈17	28♓52	1♋11	n.a.	M 1
T 2	14 31 23	8°51'04	18°44	24°R53	19°15	0♏40	12°12	12°58	12°53	8♏ 7	12♍11	0°18	28°49	1°18	n.a.	T 2
W 3	14 35 19	9°48'27	1♈48	24°50	19°48	0°20	12°26	13° 6	12°56	8° 6	12°10	0°R19	28°46	1°24	n.a.	W 3
T 4	14 39 16	10°45'50	14°40	24°44	20°20	29♎59	12°40	13°13	12°58	8° 4	12°10	0°18	28°43	1°31	n.a.	T 4
F 5	14 43 12	11°43'12	27°20	24°33	20°50	29°40	12°53	13°20	13° 0	8° 2	12° 9	0°15	28°40	1°38	n.a.	F 5
S 6	14 47 9	12°40'33	9♉49	24°18	21°18	29°21	13° 7	13°27	13° 2	8° 1	12° 8	0°10	28°36	1°44	n.a.	S 6
S 7	14 51 5	13°37'53	22° 8	23°59	21°45	29° 2	13°21	13°34	13° 4	7°59	12° 8	0° 4	28°33	1°51	n.a.	S 7
M 8	14 55 2	14°35'12	4♊17	23°37	22°11	28°43	13°35	13°41	13° 6	7°58	12° 7	29♓56	28°30	1°58	n.a.	M 8
T 9	14 58 59	15°32'30	16°19	23°12	22°34	28°25	13°49	13°48	13° 8	7°56	12° 7	29°47	28°27	2° 5	n.a.	T 9
W10	15 2 55	16°29'48	28°15	22°44	22°57	28° 7	14° 3	13°55	13°10	7°54	12° 6	29°39	28°24	2°11	n.a.	W10
T 11	15 6 52	17°27'04	10♋ 7	22°14	23°17	27°50	14°17	14° 2	13°12	7°53	12° 6	29°32	28°21	2°18	n.a.	T 11
F 12	15 10 48	18°24'20	21°59	21°42	23°35	27°33	14°31	14° 9	13°14	7°51	12° 5	29°27	28°17	2°25	n.a.	F 12
S 13	15 14 45	19°21'34	3♌54	21° 9	23°52	27°17	14°45	14°16	13°16	7°50	12° 5	29°24	28°14	2°32	n.a.	S 13
S 14	15 18 41	20°18'48	15°57	20°35	24° 6	27° 2	14°59	14°23	13°17	7°48	12° 4	29°D22	28°11	2°38	n.a.	S 14
M15	15 22 38	21°16'01	28°12	20° 1	24°19	26°47	15°12	14°30	13°19	7°46	12° 4	29°22	28° 8	2°45	n.a.	M15
T 16	15 26 34	22°13'12	10♍45	19°28	24°29	26°32	15°26	14°36	13°21	7°45	12° 4	29°23	28° 5	2°52	n.a.	T 16
W17	15 30 31	23°10'23	23°39	18°56	24°37	26°19	15°40	14°43	13°23	7°43	12° 3	29°R24	28° 2	2°58	n.a.	W17
T 18	15 34 28	24° 7'33	7♎ 0	18°26	24°43	26° 6	15°54	14°50	13°24	7°42	12° 3	29°24	27°58	3° 5	n.a.	T 18
F 19	15 38 24	25° 4'43	20°47	17°58	24°47	25°54	16° 8	14°56	13°26	7°40	12° 3	29°22	27°55	3°12	n.a.	F 19
S 20	15 42 21	26° 1'51	5♏ 3	17°32	24°R49	25°43	16°22	15° 3	13°27	7°39	12° 3	29°18	27°52	3°19	n.a.	S 20
S 21	15 46 17	26°59'00	19°42	17°10	24°48	25°32	16°35	15° 9	13°29	7°37	12° 3	29°12	27°49	3°25	n.a.	S 21
M22	15 50 14	27°56'07	4♐38	16°51	24°45	25°22	16°49	15°16	13°30	7°36	12° 3	29° 4	27°46	3°32	n.a.	M22
T 23	15 54 10	28°53'15	19°43	16°36	24°39	25°14	17° 3	15°22	13°32	7°34	12° 3	28°55	27°42	3°39	n.a.	T 23
W24	15 58 7	29°50'22	4♑47	16°24	24°31	25° 5	17°17	15°28	13°33	7°33	12° 2	28°47	27°39	3°46	n.a.	W24
T 25	16 2 4	0♊47'30	19°40	16°18	24°21	24°58	17°30	15°35	13°34	7°31	12°D 2	28°40	27°36	3°52	n.a.	T 25
F 26	16 6 0	1°44'37	4♒15	16°D15	24° 8	24°51	17°44	15°41	13°36	7°30	12° 3	28°35	27°33	3°59	n.a.	F 26
S 27	16 9 57	2°41'44	18°28	16°18	23°53	24°46	17°58	15°47	13°37	7°28	12° 3	28°32	27°30	4° 6	n.a.	S 27
S 28	16 13 53	3°38'51	2♓18	16°25	23°36	24°41	18°11	15°53	13°38	7°27	12° 3	28°D31	27°27	4°12	n.a.	S 28
M29	16 17 50	4°35'58	15°45	16°37	23°16	24°37	18°25	15°59	13°39	7°26	12° 3	28°31	27°23	4°19	n.a.	M29
T 30	16 21 46	5°33'05	28°52	16°53	22°54	24°33	18°38	16° 5	13°40	7°24	12° 3	28°R32	27°20	4°26	n.a.	T 30
W31	16 25 43	6♊30'13	11♈42	17♉15	22♊30	24♎31	18♉52	16♈11	13♓41	7♏23	12♍ 3	28♓31	27♓17	4♋33	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	14n18	11s39	2s11	20n 6	0n57	26n53	3n41	12s 6	0s10	14n55	0s43	3n 0	2s19	7s30	0s45	12s34	1n55	22n58	17n21	0n 7	0s27	28n50			n.a.
T 2	14 36	5 28	1 3	19 53	0 43	26 53	3 39	12 2	0 13	14 59	0 43	3 3	2 19	7 29	0 45	12 33	1 55	22 58	17 20	0 7	0 28	28 50			n.a.
W 3	14 55	0n51	0n 8	19 39	0 29	26 53	3 36	11 58	0 16	15 3	0 43	3 5	2 19	7 28	0 45	12 33	1 55	22 58	17 20	0 8	0 30	28 50			n.a.
T 4	15 13	7 1	1 17	19 22	0 13	26 53	3 33	11 54	0 20	15 8	0 43	3 8	2 19	7 27	0 45	12 32	1 55	22 58	17 19	0 7	0 31	28 50			n.a.
F 5	15 31	12 49	2 21	19 4	0s 3	26 52	3 29	11 50	0 23	15 12	0 43	3 11	2 20	7 26	0 45	12 32	1 55	22 58	17 19	0 6	0 32	28 50			n.a.
S 6	15 49	18 1	3 17	18 45	0 19	26 50	3 26	11 46	0 26	15 16	0 43	3 13	2 20	7 26	0 45	12 31	1 55	22 58	17 18	0 4	0 34	28 49			n.a.
S 7	16 6	22 24	4 3	18 24	0 36	26 48	3 22	11 42	0 29	15 21	0 42	3 16	2 20	7 25	0 45	12 30	1 55	22 57	17 18	0 1	0 35	28 49			n.a.
M 8	16 23	25 46	4 37	18 2	0 53	26 45	3 17	11 38	0 32	15 25	0 42	3 19	2 20	7 24	0 45	12 30	1 55	22 57	17 17	0s 2	0 36	28 49			n.a.
T 9	16 40	27 56	4 59	17 39	1 10	26 42	3 13	11 35	0 36	15 29	0 42	3 21	2 20	7 23	0 45	12 29	1 55	22 57	17 17	0 5	0 37	28 49			n.a.
W10	16 57	28 48	5 7	17 15	1 27	26 38	3 8	11 31	0 39	15 33	0 42	3 24	2 20	7 23	0 45	12 29	1 55	22 57	17 16	0 8	0 39	28 49			n.a.
T 11	17 13	28 19	5 2	16 51	1 44	26 34	3 2	11 28	0 42	15 38	0 42	3 27	2 20	7 22	0 45	12 28	1 55	22 56	17 16	0 11	0 40	28 49			n.a.
F 12	17 30	26 33	4 44	16 27	2 0	26 29	2 57	11 25	0 45	15 42	0 42	3 29	2 20	7 21	0 45	12 28	1 55	22 56	17 15	0 13	0 41	28 48			n.a.
S 13	17 45	23 35	4 14	16 3	2 16	26 24	2 51	11 22	0 48	15 46	0 42	3 32	2 20	7 20	0 45	12 27	1 55	22 56	17 15	0 15	0 42	28 48			n.a.
S 14	18 1	19 35	3 32	15 39	2 32	26 18	2 44	11 19	0 51	15 50	0 42	3 34	2 21	7 20	0 45	12 27	1 55	22 55	17 14	0 15	0 44	28 48			n.a.
M15	18 16	14 43	2 39	15 16	2 46	26 12	2 37	11 16	0 54	15 54	0 42	3 37	2 21	7 19	0 45	12 26	1 55	22 55	17 14	0 15	0 45	28 48			n.a.
T 16	18 31	9 8	1 38	14 54	3 0	26 5	2 30	11 14	0 57	15 59	0 42	3 39	2 21	7 19	0 45	12 26	1 55	22 55	17 13	0 15	0 46	28 48			n.a.
W17	18 46	3 1	0 31	14 33	3 13	25 57	2 22	11 12	1 0	16 3	0 42	3 42	2 21	7 18	0 45	12 25	1 55	22 54	17 13	0 14	0 48	28 47			n.a.
T 18	19 0	3s26	0s41	14 13	3 24	25 50	2 14	11 10	1 3	16 7	0 42	3 44	2 21	7 17	0 45	12 25	1 55	22 54	17 12	0 14	0 49	28 47			n.a.
F 19	19 14	9 56	1 52	13 56	3 35	25 41	2 6	11 8	1 6	16 11	0 41	3 47	2 21	7 17	0 45	12 25	1 55	22 54	17 12	0 15	0 50	28 47			n.a.
S 20	19 28	16 8	2 59	13 40	3 44	25 32	1 57	11 6	1 9	16 15	0 41	3 49	2 21	7 16	0 45	12 24	1 55	22 53	17 11	0 17	0 51	28 47			n.a.
S 21	19 42	21 37	3 55	13 26	3 52	25 23	1 47	11 5	1 11	16 19	0 41	3 52	2 21	7 16	0 45	12 24	1 55	22 53	17 11	0 19	0 53	28 46			n.a.
M22	19 55	25 50	4 37	13 15	3 58	25 13	1 38	11 4	1 14	16 23	0 41	3 54	2 22	7 15	0 45	12 23	1 55	22 52	17 10	0 23	0 54	28 46			n.a.
T 23	20 8	28 17	5 0	13 5	4 3	25 3	1 27	11 3	1 17	16 27	0 41	3 56	2 22	7 15	0 46	12 23	1 55	22 52	17 10	0 26	0 55	28 46			n.a.
W24	20 20	28 39	5 2	12 59	4 7	24 52	1 17	11 2	1 19	16 31	0 41	3 59	2 22	7 14	0 46	12 22	1 55	22 52	17 9	0 29	0 57	28 45			n.a.
T 25	20 32	26 55	4 44	12 54	4 10	24 40	1 6	11 2	1 22	16 35	0 41	4 1	2 22	7 14	0 46	12 22	1 55	22 51	17 9	0 32	0 58	28 45			n.a.
F 26	20 44	23 24	4 7	12 53	4 11	24 28	0 54	11 2	1 24	16 39	0 41	4 3	2 22	7 13	0 46	12 21	1 55	22 51	17 8	0 34	0 59	28 45			n.a.
S 27	20 55	18 34	3 16	12 53	4 11	24 15	0 42	11 2	1 27	16 43	0 41	4 5	2 22	7 13	0 46	12 21	1 55	22 50	17 8	0 35	1 0	28 45			n.a.
S 28	21 7	12 52	2 15	12 56	4 10	24 2	0 30	11 2	1 29	16 47	0 41	4 8	2 23	7 12	0 46	12 20	1 55	22 50	17 7	0 36	1 2	28 44			n.a.
M29	21 17	6 43	1 7	13 2	4 7	23 49	0 17	11 3	1 32	16 50	0 41	4 10	2 23	7 12	0 46	12 20	1 55	22 49	17 6	0 36	1 3	28 44			n.a.
T 30	21 28	0 26	0n 2	13 10	4 4	23 35	0 4	11 4	1 34	16 54	0 41	4 12	2 23	7 12	0 46	12 20	1 55	22 48	17 6	0 36	1 4	28 44			n.a.
W31	21n38	5n44	1n 9	13n20	3s59	23n20	0s 9	11s 5	1s36	16n58	0s41	4n14	2s23	7s11	0s46	12s19	1n55	22n48	17n 5	0s36	1s 5	28n43			n.a.

Julian Day Number = 1719717.5, Delta T = 02h56m35s
Ecliptic obliquity = 23°41'53, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°07'34, Lahiri = - 4°00'33 Julian Calendar 1 May 5 BCE == Greg. Calendar 29 Apr. 005 BCE

The year -04 astronomical counting style corresponds to year 005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 5 BCE
geocentric

JUNE 5 BCE (-4) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 29 39	7♊27'20	24♈17	17♉41	22°R 4	24°R29	19♉ 5	16♈17	13♓42	7°R21	12♍ 3	28°R28	27♓14	4♋39	n.a.	T 1
F 2	16 33 36	8°24'28	6♉41	18°12	21♊36	24°D29	19°19	16°23	13°43	7♏20	12° 4	28♓23	27°11	4°46	n.a.	F 2
S 3	16 37 33	9°21'36	18°56	18°48	21° 6	24♎29	19°32	16°29	13°44	7°19	12° 4	28°15	27° 8	4°53	n.a.	S 3
S 4	16 41 29	10°18'44	1♊ 3	19°29	20°35	24°30	19°46	16°34	13°45	7°17	12° 4	28° 4	27° 4	4°59	n.a.	S 4
M 5	16 45 26	11°15'53	13° 4	20°14	20° 2	24°31	19°59	16°40	13°46	7°16	12° 5	27°52	27° 1	5° 6	n.a.	M 5
T 6	16 49 22	12°13'01	25° 0	21° 4	19°28	24°34	20°13	16°45	13°46	7°15	12° 5	27°39	26°58	5°13	n.a.	T 6
W 7	16 53 19	13°10'09	6♋53	21°58	18°53	24°37	20°26	16°51	13°47	7°14	12° 5	27°26	26°55	5°20	n.a.	W 7
T 8	16 57 15	14° 7'18	18°44	22°57	18°17	24°41	20°39	16°56	13°48	7°12	12° 6	27°15	26°52	5°26	n.a.	T 8
F 9	17 1 12	15° 4'26	0♌36	24° 0	17°40	24°46	20°53	17° 2	13°48	7°11	12° 6	27° 5	26°48	5°33	n.a.	F 9
S 10	17 5 8	16° 1'35	12°30	25° 8	17° 3	24°52	21° 6	17° 7	13°49	7°10	12° 7	26°59	26°45	5°40	n.a.	S 10
S 11	17 9 5	16°58'43	24°32	26°19	16°25	24°59	21°19	17°12	13°50	7° 9	12° 7	26°55	26°42	5°47	n.a.	S 11
M12	17 13 2	17°55'52	6♍46	27°36	15°48	25° 6	21°32	17°17	13°50	7° 8	12° 8	26°53	26°39	5°53	n.a.	M12
T 13	17 16 58	18°53'00	19°15	28°56	15°11	25°14	21°45	17°22	13°50	7° 7	12° 9	26°53	26°36	6° 0	n.a.	T 13
W14	17 20 55	19°50'09	2♎ 5	0♊20	14°34	25°23	21°58	17°27	13°51	7° 6	12° 9	26°52	26°33	6° 7	n.a.	W14
T 15	17 24 51	20°47'18	15°21	1°49	13°58	25°33	22°11	17°32	13°51	7° 4	12°10	26°52	26°29	6°13	n.a.	T 15
F 16	17 28 48	21°44'27	29° 6	3°21	13°24	25°43	22°24	17°37	13°51	7° 3	12°11	26°49	26°26	6°20	n.a.	F 16
S 17	17 32 44	22°41'36	13♏20	4°57	12°50	25°54	22°37	17°41	13°52	7° 2	12°11	26°44	26°23	6°27	n.a.	S 17
S 18	17 36 41	23°38'45	28° 2	6°37	12°18	26° 6	22°50	17°46	13°52	7° 1	12°12	26°36	26°20	6°34	n.a.	S 18
M19	17 40 38	24°35'55	13♐ 6	8°20	11°47	26°19	23° 3	17°51	13°52	7° 0	12°13	26°27	26°17	6°40	n.a.	M19
T 20	17 44 34	25°33'06	28°22	10° 7	11°18	26°32	23°15	17°55	13°52	6°59	12°14	26°16	26°14	6°47	n.a.	T 20
W21	17 48 31	26°30'17	13♑41	11°57	10°51	26°46	23°28	18° 0	13°R52	6°59	12°15	26° 5	26°10	6°54	n.a.	W21
T 22	17 52 27	27°27'28	28°50	13°50	10°26	27° 0	23°41	18° 4	13°52	6°58	12°16	25°56	26° 7	7° 1	n.a.	T 22
F 23	17 56 24	28°24'41	13♒39	15°45	10° 3	27°15	23°53	18° 8	13°52	6°57	12°17	25°50	26° 4	7° 7	n.a.	F 23
S 24	18 0 20	29°21'54	28° 4	17°43	9°42	27°31	24° 6	18°12	13°52	6°56	12°18	25°46	26° 1	7°14	n.a.	S 24
S 25	18 4 17	0♋19'09	12♓ 1	19°44	9°24	27°47	24°18	18°16	13°52	6°55	12°19	25°44	25°58	7°21	n.a.	S 25
M26	18 8 13	1°16'24	25°31	21°45	9° 7	28° 4	24°30	18°20	13°51	6°54	12°20	25°44	25°54	7°27	n.a.	M26
T 27	18 12 10	2°13'40	8♈37	23°49	8°54	28°22	24°43	18°24	13°51	6°54	12°21	25°43	25°51	7°34	n.a.	T 27
W28	18 16 7	3°10'58	21°21	25°54	8°42	28°40	24°55	18°28	13°51	6°53	12°22	25°43	25°48	7°41	n.a.	W28
T 29	18 20 3	4° 8'16	3♉49	27°59	8°33	28°59	25° 7	18°32	13°50	6°52	12°23	25°40	25°45	7°48	n.a.	T 29
F 30	18 24 0	5♋ 5'36	16♉ 3	0♋ 5	8♊27	29♎18	25♉19	18♈35	13♓50	6♏51	12♍24	25♓34	25♓42	7♋54	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n47	11n34	2n12	13n33	3s54	23n 5	0s22	11s 6	1s38	17n 2	0s41	4n16	2s23	7s11	0s46	12s19	1n55	22n47	17n 5	0s37	1s 7	28n43		n.a.
F 2	21 57	16 50	3 8	13 48	3 48	22 50	0 36	11 8	1 40	17 6	0 41	4 18	2 23	7 10	0 46	12 18	1 54	22 47	17 4	0 39	1 8	28 42		n.a.
S 3	22 6	21 22	3 54	14 4	3 40	22 34	0 50	11 10	1 42	17 9	0 41	4 20	2 24	7 10	0 46	12 18	1 54	22 46	17 4	0 42	1 9	28 42		n.a.
S 4	22 14	24 58	4 28	14 23	3 32	22 18	1 4	11 12	1 44	17 13	0 40	4 22	2 24	7 10	0 46	12 18	1 54	22 45	17 3	0 47	1 11	28 42		n.a.
M 5	22 22	27 25	4 51	14 43	3 24	22 1	1 18	11 15	1 46	17 17	0 40	4 24	2 24	7 10	0 46	12 17	1 54	22 45	17 3	0 51	1 12	28 41		n.a.
T 6	22 30	28 36	5 0	15 5	3 14	21 45	1 32	11 17	1 48	17 20	0 40	4 26	2 24	7 9	0 46	12 17	1 54	22 44	17 2	0 57	1 13	28 41		n.a.
W 7	22 37	28 27	4 56	15 29	3 5	21 28	1 46	11 20	1 50	17 24	0 40	4 28	2 24	7 9	0 46	12 16	1 54	22 44	17 2	1 2	1 14	28 41		n.a.
T 8	22 45	26 59	4 40	15 54	2 54	21 11	2 0	11 24	1 52	17 28	0 40	4 30	2 25	7 9	0 46	12 16	1 54	22 43	17 1	1 6	1 16	28 40		n.a.
F 9	22 51	24 20	4 11	16 20	2 43	20 54	2 14	11 27	1 53	17 31	0 40	4 32	2 25	7 9	0 46	12 16	1 54	22 42	17 1	1 10	1 17	28 40		n.a.
S 10	22 57	20 37	3 32	16 48	2 32	20 37	2 28	11 31	1 55	17 35	0 40	4 34	2 25	7 8	0 46	12 15	1 54	22 42	17 0	1 13	1 18	28 39		n.a.
S 11	23 3	16 2	2 42	17 16	2 20	20 19	2 41	11 35	1 57	17 38	0 40	4 36	2 25	7 8	0 46	12 15	1 54	22 41	17 0	1 14	1 19	28 39		n.a.
M12	23 9	10 44	1 44	17 46	2 8	20 3	2 54	11 39	1 58	17 42	0 40	4 37	2 25	7 8	0 46	12 15	1 54	22 40	16 59	1 15	1 21	28 38		n.a.
T 13	23 14	4 55	0 40	18 16	1 55	19 46	3 7	11 44	2 0	17 45	0 40	4 39	2 26	7 8	0 46	12 14	1 54	22 39	16 58	1 15	1 22	28 38		n.a.
W14	23 18	1s16	0s28	18 46	1 43	19 29	3 20	11 48	2 1	17 49	0 40	4 41	2 26	7 8	0 46	12 14	1 54	22 39	16 58	1 15	1 23	28 37		n.a.
T 15	23 22	7 35	1 36	19 17	1 30	19 13	3 32	11 53	2 3	17 52	0 40	4 42	2 26	7 8	0 46	12 14	1 54	22 38	16 57	1 16	1 25	28 37		n.a.
F 16	23 26	13 47	2 41	19 47	1 17	18 58	3 43	11 58	2 4	17 56	0 40	4 44	2 26	7 8	0 46	12 13	1 54	22 37	16 57	1 17	1 26	28 36		n.a.
S 17	23 30	19 29	3 39	20 18	1 4	18 43	3 54	12 4	2 6	17 59	0 40	4 46	2 26	7 8	0 46	12 13	1 54	22 36	16 56	1 19	1 27	28 36		n.a.
S 18	23 33	24 13	4 24	20 48	0 52	18 28	4 4	12 9	2 7	18 2	0 40	4 47	2 27	7 8	0 46	12 13	1 54	22 36	16 56	1 22	1 28	28 35		n.a.
M19	23 35	27 27	4 52	21 18	0 39	18 15	4 14	12 15	2 8	18 5	0 40	4 49	2 27	7 8	0 47	12 13	1 54	22 35	16 55	1 26	1 30	28 35		n.a.
T 20	23 37	28 41	5 0	21 46	0 26	18 1	4 24	12 21	2 10	18 9	0 40	4 50	2 27	7 8	0 47	12 12	1 54	22 34	16 55	1 30	1 31	28 34		n.a.
W21	23 39	27 44	4 46	22 14	0 14	17 49	4 32	12 27	2 11	18 12	0 40	4 52	2 27	7 8	0 47	12 12	1 54	22 33	16 54	1 34	1 32	28 34		n.a.
T 22	23 40	24 44	4 13	22 40	0 2	17 38	4 40	12 34	2 12	18 15	0 40	4 53	2 28	7 8	0 47	12 12	1 54	22 32	16 54	1 38	1 34	28 33		n.a.
F 23	23 41	20 8	3 22	23 5	0n10	17 27	4 48	12 40	2 13	18 18	0 40	4 55	2 28	7 8	0 47	12 12	1 53	22 32	16 53	1 40	1 35	28 33		n.a.
S 24	23 42	14 28	2 20	23 28	0 21	17 17	4 55	12 47	2 14	18 22	0 40	4 56	2 28	7 8	0 47	12 11	1 53	22 31	16 53	1 42	1 36	28 32		n.a.
S 25	23 42	8 14	1 12	23 49	0 32	17 8	5 1	12 54	2 15	18 25	0 40	4 57	2 28	7 8	0 47	12 11	1 53	22 30	16 52	1 43	1 37	28 32		n.a.
M26	23 41	1 49	0 1	24 8	0 42	17 0	5 7	13 1	2 16	18 28	0 40	4 59	2 28	7 8	0 47	12 11	1 53	22 29	16 52	1 43	1 39	28 31		n.a.
T 27	23 41	4n29	1n 8	24 24	0 51	16 53	5 12	13 8	2 17	18 31	0 40	5 0	2 29	7 8	0 47	12 11	1 53	22 28	16 51	1 43	1 40	28 31		n.a.
W28	23 40	10 26	2 11	24 38	1 0	16 47	5 16	13 16	2 18	18 34	0 40	5 1	2 29	7 8	0 47	12 11	1 53	22 27	16 51	1 43	1 41	28 30		n.a.
T 29	23 38	15 51	3 7	24 49	1 8	16 42	5 20	13 23	2 19	18 37	0 39	5 2	2 29	7 9	0 47	12 10	1 53	22 26	16 50	1 45	1 42	28 29		n.a.
F 30	23n36	20n32	3n53	24n57	1n15	16n37	5s24	13s31	2s20	18n40	0s39	5n 4	2s29	7s 9	0s47	12s10	1n53	22n25	16n50	1s47	1s44	28n29		n.a.

Julian Day Number = 1719748.5, Delta T = 02h56m34s
Ecliptic obliquity = 23°41'52, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°07'29, Lahiri = - 4°00'29 Julian Calendar 1 June 5 BCE == Greg. Calendar 30 May 005 BCE

The year -04 astronomical counting style corresponds to year 005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 5 BCE
geocentric

JULY 5 BCE (-4) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 27 56	6♋ 2'57	28♉ 9	2♋11	8°R22	29♎38	25♉31	18♈39	13°R50	6°R51	12♍25	25°R26	25♓39	8♋ 1	n.a.	S 1
S 2	18 31 53	7° 0'19	10♊ 8	4°17	8°D20	29°59	25°44	18°42	13♓49	6♏50	12°26	25♓15	25°35	8° 8	n.a.	S 2
M 3	18 35 49	7°57'42	22° 3	6°23	8♊21	0♏20	25°55	18°46	13°49	6°50	12°28	25° 3	25°32	8°14	n.a.	M 3
T 4	18 39 46	8°55'07	3♋55	8°28	8°24	0°41	26° 7	18°49	13°48	6°49	12°29	24°49	25°29	8°21	n.a.	T 4
W 5	18 43 42	9°52'32	15°47	10°33	8°29	1° 3	26°19	18°52	13°47	6°49	12°30	24°36	25°26	8°28	n.a.	W 5
T 6	18 47 39	10°49'58	27°39	12°36	8°36	1°26	26°31	18°55	13°47	6°48	12°31	24°24	25°23	8°35	n.a.	T 6
F 7	18 51 36	11°47'25	9♌33	14°39	8°45	1°49	26°42	18°58	13°46	6°48	12°33	24°14	25°20	8°41	n.a.	F 7
S 8	18 55 32	12°44'54	21°32	16°40	8°57	2°12	26°54	19° 1	13°45	6°47	12°34	24° 7	25°16	8°48	n.a.	S 8
S 9	18 59 29	13°42'23	3♍38	18°41	9°10	2°36	27° 5	19° 4	13°44	6°47	12°36	24° 3	25°13	8°55	n.a.	S 9
M10	19 3 25	14°39'53	15°54	20°39	9°25	3° 1	27°17	19° 6	13°43	6°46	12°37	24° 1	25°10	9° 2	n.a.	M10
T 11	19 7 22	15°37'24	28°24	22°37	9°43	3°26	27°28	19° 9	13°43	6°46	12°39	24°D 1	25° 7	9° 8	n.a.	T 11
W12	19 11 18	16°34'56	11♎13	24°33	10° 2	3°51	27°39	19°12	13°42	6°46	12°40	24°R 2	25° 4	9°15	n.a.	W12
T 13	19 15 15	17°32'29	24°24	26°28	10°23	4°17	27°51	19°14	13°41	6°45	12°42	24° 2	25° 0	9°22	n.a.	T 13
F 14	19 19 11	18°30'03	8♏ 2	28°21	10°46	4°43	28° 2	19°16	13°39	6°45	12°43	24° 0	24°57	9°28	n.a.	F 14
S 15	19 23 8	19°27'38	22° 7	0♌12	11°10	5°10	28°13	19°18	13°38	6°45	12°45	23°56	24°54	9°35	n.a.	S 15
S 16	19 27 5	20°25'15	6♐40	2° 3	11°36	5°37	28°23	19°20	13°37	6°45	12°46	23°50	24°51	9°42	n.a.	S 16
M17	19 31 1	21°22'52	21°36	3°51	12° 4	6° 5	28°34	19°22	13°36	6°45	12°48	23°42	24°48	9°49	n.a.	M17
T 18	19 34 58	22°20'31	6♑48	5°39	12°33	6°33	28°45	19°24	13°35	6°45	12°50	23°34	24°45	9°55	n.a.	T 18
W19	19 38 54	23°18'11	22° 5	7°25	13° 3	7° 1	28°56	19°26	13°34	6°44	12°51	23°25	24°41	10° 2	n.a.	W19
T 20	19 42 51	24°15'52	7♒17	9° 9	13°36	7°30	29° 6	19°28	13°32	6°44	12°53	23°17	24°38	10° 9	n.a.	T 20
F 21	19 46 47	25°13'35	22°14	10°52	14° 9	7°59	29°17	19°29	13°31	6°D44	12°55	23°12	24°35	10°15	n.a.	F 21
S 22	19 50 44	26°11'19	6♓47	12°34	14°44	8°28	29°27	19°31	13°30	6°44	12°56	23° 8	24°32	10°22	n.a.	S 22
S 23	19 54 41	27° 9'06	20°53	14°14	15°20	8°58	29°37	19°32	13°28	6°44	12°58	23°D 7	24°29	10°29	n.a.	S 23
M24	19 58 37	28° 6'54	4♈30	15°52	15°57	9°28	29°47	19°33	13°27	6°44	13° 0	23° 8	24°26	10°36	n.a.	M24
T 25	20 2 34	29° 4'43	17°40	17°30	16°35	9°58	29°57	19°35	13°25	6°45	13° 2	23° 9	24°22	10°42	n.a.	T 25
W26	20 6 30	0♌ 2'35	0♉27	19° 6	17°15	10°29	0♊ 7	19°36	13°24	6°45	13° 4	23°R 9	24°19	10°49	n.a.	W26
T 27	20 10 27	1° 0'29	12°54	20°41	17°56	11° 0	0°17	19°37	13°22	6°45	13° 5	23° 8	24°16	10°56	n.a.	T 27
F 28	20 14 23	1°58'24	25° 7	22°14	18°37	11°32	0°27	19°37	13°20	6°45	13° 7	23° 6	24°13	11° 2	n.a.	F 28
S 29	20 18 20	2°56'22	7♊ 8	23°46	19°20	12° 3	0°36	19°38	13°19	6°45	13° 9	23° 1	24°10	11° 9	n.a.	S 29
S 30	20 22 16	3°54'21	19° 4	25°16	20° 4	12°35	0°46	19°39	13°17	6°46	13°11	22°54	24° 6	11°16	n.a.	S 30
M31	20 26 13	4♌52'22	0♋56	26♌45	20♊48	13♏ 8	0♊55	19♈39	13♓15	6♏46	13♍13	22♓46	24♓ 3	11♋23	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n33	24n18	4n27	25n 3	1n22	16n33	5s27	13s39	2s21	18n43	0s39	5n 5	2s30	7s 9	0s47	12s10	1n53	22n25	16n49	1s50	1s45	28n28		n.a.
S 2	23 31	26 59	4 50	25 5	1 28	16 31	5 29	13 47	2 21	18 46	0 39	5 6	2 30	7 9	0 47	12 10	1 53	22 24	16 49	1 54	1 46	28 28		n.a.
M 3	23 27	28 26	5 0	25 5	1 33	16 29	5 31	13 55	2 22	18 48	0 39	5 7	2 30	7 9	0 47	12 10	1 53	22 23	16 48	1 59	1 48	28 27		n.a.
T 4	23 24	28 35	4 56	25 2	1 37	16 28	5 33	14 4	2 23	18 51	0 39	5 8	2 30	7 10	0 47	12 10	1 53	22 22	16 48	2 5	1 49	28 26		n.a.
W 5	23 20	27 23	4 40	24 57	1 41	16 27	5 34	14 12	2 24	18 54	0 39	5 9	2 31	7 10	0 47	12 10	1 53	22 21	16 47	2 10	1 50	28 26		n.a.
T 6	23 15	24 58	4 12	24 49	1 44	16 28	5 35	14 21	2 24	18 57	0 39	5 10	2 31	7 10	0 47	12 9	1 53	22 20	16 47	2 15	1 51	28 25		n.a.
F 7	23 10	21 27	3 32	24 38	1 46	16 29	5 35	14 30	2 25	19 0	0 39	5 11	2 31	7 11	0 47	12 9	1 53	22 19	16 47	2 19	1 53	28 24		n.a.
S 8	23 5	17 3	2 43	24 25	1 47	16 30	5 35	14 38	2 26	19 2	0 39	5 12	2 31	7 11	0 47	12 9	1 53	22 18	16 46	2 21	1 54	28 24		n.a.
S 9	22 59	11 56	1 46	24 10	1 48	16 33	5 35	14 47	2 26	19 5	0 39	5 12	2 32	7 11	0 47	12 9	1 53	22 17	16 46	2 23	1 55	28 23		n.a.
M10	22 53	6 17	0 43	23 52	1 48	16 36	5 34	14 57	2 27	19 8	0 39	5 13	2 32	7 12	0 47	12 9	1 52	22 16	16 45	2 24	1 56	28 22		n.a.
T 11	22 46	0 17	0s23	23 33	1 48	16 39	5 33	15 6	2 27	19 10	0 39	5 14	2 32	7 12	0 47	12 9	1 52	22 15	16 45	2 24	1 58	28 22		n.a.
W12	22 39	5s52	1 30	23 11	1 46	16 43	5 32	15 15	2 28	19 13	0 39	5 15	2 32	7 12	0 47	12 9	1 52	22 14	16 44	2 24	1 59	28 21		n.a.
T 13	22 32	11 57	2 34	22 48	1 45	16 48	5 30	15 24	2 28	19 15	0 39	5 15	2 33	7 13	0 47	12 9	1 52	22 13	16 44	2 24	2 0	28 20		n.a.
F 14	22 24	17 40	3 32	22 23	1 43	16 53	5 29	15 34	2 29	19 18	0 39	5 16	2 33	7 13	0 47	12 9	1 52	22 12	16 44	2 24	2 2	28 19		n.a.
S 15	22 16	22 39	4 18	21 57	1 40	16 58	5 26	15 43	2 29	19 20	0 39	5 16	2 33	7 14	0 47	12 9	1 52	22 11	16 43	2 26	2 3	28 19		n.a.
S 16	22 8	26 25	4 50	21 29	1 37	17 4	5 24	15 53	2 30	19 23	0 39	5 17	2 34	7 14	0 47	12 9	1 52	22 10	16 43	2 28	2 4	28 18		n.a.
M17	21 59	28 28	5 3	21 0	1 33	17 10	5 22	16 3	2 30	19 25	0 39	5 18	2 34	7 15	0 48	12 9	1 52	22 9	16 42	2 31	2 5	28 17		n.a.
T 18	21 49	28 27	4 56	20 30	1 29	17 17	5 19	16 12	2 30	19 28	0 39	5 18	2 34	7 15	0 48	12 9	1 52	22 8	16 42	2 35	2 7	28 16		n.a.
W19	21 40	26 15	4 27	19 59	1 25	17 23	5 16	16 22	2 31	19 30	0 39	5 18	2 34	7 16	0 48	12 9	1 52	22 7	16 42	2 39	2 8	28 16		n.a.
T 20	21 30	22 11	3 39	19 26	1 20	17 30	5 13	16 32	2 31	19 32	0 39	5 19	2 35	7 16	0 48	12 9	1 52	22 6	16 41	2 42	2 9	28 15		n.a.
F 21	21 19	16 43	2 37	18 53	1 14	17 38	5 9	16 42	2 31	19 35	0 39	5 19	2 35	7 17	0 48	12 9	1 52	22 5	16 41	2 44	2 10	28 14		n.a.
S 22	21 8	10 27	1 26	18 19	1 9	17 45	5 6	16 52	2 31	19 37	0 39	5 19	2 35	7 17	0 48	12 9	1 52	22 4	16 40	2 45	2 12	28 13		n.a.
S 23	20 57	3 50	0 12	17 44	1 3	17 53	5 2	17 2	2 32	19 39	0 39	5 20	2 35	7 18	0 48	12 9	1 52	22 3	16 40	2 46	2 13	28 13		n.a.
M24	20 46	2n44	1n 1	17 9	0 57	18 0	4 58	17 12	2 32	19 41	0 39	5 20	2 36	7 19	0 48	12 9	1 52	22 2	16 40	2 45	2 14	28 12		n.a.
T 25	20 34	8 58	2 8	16 33	0 50	18 8	4 54	17 22	2 32	19 43	0 39	5 20	2 36	7 19	0 48	12 9	1 52	22 1	16 39	2 45	2 16	28 11		n.a.
W26	20 22	14 39	3 6	15 57	0 44	18 16	4 50	17 32	2 32	19 46	0 39	5 20	2 36	7 20	0 48	12 10	1 51	22 0	16 39	2 45	2 17	28 10		n.a.
T 27	20 9	19 36	3 55	15 20	0 37	18 24	4 46	17 42	2 32	19 48	0 39	5 20	2 37	7 20	0 48	12 10	1 51	21 59	16 39	2 45	2 18	28 9		n.a.
F 28	19 56	23 38	4 31	14 43	0 29	18 32	4 42	17 52	2 33	19 50	0 39	5 20	2 37	7 21	0 48	12 10	1 51	21 58	16 38	2 46	2 19	28 8		n.a.
S 29	19 43	26 35	4 55	14 5	0 22	18 40	4 37	18 2	2 33	19 52	0 39	5 20	2 37	7 22	0 48	12 10	1 51	21 57	16 38	2 48	2 21	28 8		n.a.
S 30	19 29	28 19	5 6	13 28	0 14	18 47	4 33	18 12	2 33	19 54	0 39	5 20	2 37	7 22	0 48	12 10	1 51	21 56	16 38	2 51	2 22	28 7		n.a.
M31	19n15	28n45	5n 4	12n50	0n 6	18n55	4s28	18s22	2s33	19n56	0s39	5n20	2s38	7s23	0s48	12s10	1n51	21n55	16n37	2s54	2s23	28n 6		n.a.

Julian Day Number = 1719778.5, Delta T = 02h56m33s
Ecliptic obliquity = 23°41'52, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°07'25, Lahiri = - 4°00'25 Julian Calendar 1 July 5 BCE == Greg. Calendar 29 June 005 BCE

The year -04 astronomical counting style corresponds to year 005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 5 BCE
geocentric

AUGUST 5 BCE (-4) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 30 10	5♌50'26	12♋47	28♌13	21♊34	13♏40	1♊ 4	19♈40	13°R14	6♏46	13♍15	22°R37	24♓ 0	11♋29	n.a.	T 1
W 2	20 34 6	6°48'31	24°40	29°40	22°20	14°13	1°13	19°40	13♓12	6°47	13°17	22♓28	23°57	11°36	n.a.	W 2
T 3	20 38 3	7°46'37	6♌37	1♍ 5	23° 8	14°47	1°22	19°40	13°10	6°47	13°19	22°20	23°54	11°43	n.a.	T 3
F 4	20 41 59	8°44'46	18°38	2°28	23°56	15°20	1°31	19°R40	13° 8	6°47	13°21	22°14	23°51	11°49	n.a.	F 4
S 5	20 45 56	9°42'56	0♍46	3°50	24°45	15°54	1°40	19°40	13° 6	6°48	13°23	22° 9	23°47	11°56	n.a.	S 5
S 6	20 49 52	10°41'08	13° 2	5°11	25°34	16°28	1°49	19°40	13° 4	6°48	13°25	22° 7	23°44	12° 3	n.a.	S 6
M 7	20 53 49	11°39'22	25°28	6°30	26°25	17° 2	1°57	19°40	13° 2	6°49	13°27	22°D 7	23°41	12°10	n.a.	M 7
T 8	20 57 45	12°37'37	8♎ 7	7°47	27°16	17°37	2° 5	19°39	13° 0	6°49	13°29	22° 8	23°38	12°16	n.a.	T 8
W 9	21 1 42	13°35'54	21° 1	9° 3	28° 7	18°12	2°14	19°39	12°58	6°50	13°31	22° 9	23°35	12°23	n.a.	W 9
T 10	21 5 38	14°34'13	4♏14	10°17	29° 0	18°47	2°22	19°38	12°56	6°51	13°33	22°10	23°32	12°30	n.a.	T 10
F 11	21 9 35	15°32'33	17°48	11°30	29°53	19°22	2°30	19°37	12°54	6°51	13°35	22°R11	23°28	12°36	n.a.	F 11
S 12	21 13 32	16°30'55	1♐44	12°40	0♋46	19°58	2°38	19°37	12°52	6°52	13°38	22°10	23°25	12°43	n.a.	S 12
S 13	21 17 28	17°29'19	16° 3	13°49	1°40	20°34	2°45	19°36	12°50	6°53	13°40	22° 7	23°22	12°50	n.a.	S 13
M14	21 21 25	18°27'44	0♑41	14°55	2°35	21°10	2°53	19°35	12°48	6°53	13°42	22° 4	23°19	12°57	n.a.	M14
T 15	21 25 21	19°26'11	15°34	15°59	3°31	21°46	3° 0	19°34	12°46	6°54	13°44	21°59	23°16	13° 3	n.a.	T 15
W16	21 29 18	20°24'40	0♒35	17° 1	4°26	22°23	3° 7	19°32	12°44	6°55	13°46	21°54	23°12	13°10	n.a.	W16
T 17	21 33 14	21°23'11	15°35	18° 0	5°23	23° 0	3°15	19°31	12°42	6°56	13°48	21°50	23° 9	13°17	n.a.	T 17
F 18	21 37 11	22°21'43	0♓24	18°57	6°20	23°36	3°22	19°30	12°39	6°57	13°51	21°48	23° 6	13°24	n.a.	F 18
S 19	21 41 7	23°20'18	14°55	19°51	7°17	24°14	3°28	19°28	12°37	6°58	13°53	21°D46	23° 3	13°30	n.a.	S 19
S 20	21 45 4	24°18'55	29° 3	20°42	8°15	24°51	3°35	19°26	12°35	6°59	13°55	21°46	23° 0	13°37	n.a.	S 20
M21	21 49 1	25°17'34	12♈45	21°29	9°13	25°28	3°42	19°25	12°33	7° 0	13°57	21°47	22°57	13°44	n.a.	M21
T 22	21 52 57	26°16'15	26° 1	22°14	10°12	26° 6	3°48	19°23	12°30	7° 1	14° 0	21°49	22°53	13°50	n.a.	T 22
W23	21 56 54	27°14'58	8♉53	22°54	11°12	26°44	3°54	19°21	12°28	7° 2	14° 2	21°50	22°50	13°57	n.a.	W23
T 24	22 0 50	28°13'44	21°24	23°30	12°11	27°22	4° 0	19°19	12°26	7° 3	14° 4	21°51	22°47	14° 4	n.a.	T 24
F 25	22 4 47	29°12'33	3♊38	24° 2	13°11	28° 0	4° 6	19°17	12°23	7° 4	14° 6	21°R52	22°44	14°11	n.a.	F 25
S 26	22 8 43	0♍11'24	15°40	24°29	14°12	28°39	4°12	19°15	12°21	7° 5	14° 9	21°51	22°41	14°17	n.a.	S 26
S 27	22 12 40	1°10'17	27°35	24°51	15°13	29°18	4°18	19°12	12°19	7° 6	14°11	21°49	22°38	14°24	n.a.	S 27
M28	22 16 36	2° 9'12	9♋27	25° 7	16°14	29°56	4°23	19°10	12°16	7° 7	14°13	21°46	22°34	14°31	n.a.	M28
T 29	22 20 33	3° 8'10	21°19	25°17	17°16	0♐35	4°28	19° 7	12°14	7° 8	14°16	21°43	22°31	14°37	n.a.	T 29
W30	22 24 30	4° 7'10	3♌15	25°R21	18°18	1°14	4°33	19° 5	12°11	7°10	14°18	21°40	22°28	14°44	n.a.	W30
T 31	22 28 26	5♍ 6'12	15♌17	25♍18	19♋20	1♐54	4♊38	19♈ 2	12♓ 9	7♏11	14♍20	21♓38	22♓25	14♋51	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n 1	27n51	4n48	12n12	0s 2	19n 3	4s23	18s32	2s33	19n58	0s39	5n20	2s38	7s24	0s48	12s10	1n51	21n54	16n37	2s58	2s24	28n 5		n.a.
W 2	18 46	25 41	4 20	11 34	0 10	19 10	4 18	18 43	2 33	19 59	0 39	5 20	2 38	7 24	0 48	12 11	1 51	21 53	16 37	3 1	2 26	28 4		n.a.
T 3	18 31	22 23	3 41	10 56	0 18	19 18	4 13	18 53	2 33	20 1	0 39	5 20	2 38	7 25	0 48	12 11	1 51	21 51	16 36	3 4	2 27	28 3		n.a.
F 4	18 16	18 7	2 51	10 18	0 26	19 25	4 9	19 3	2 33	20 3	0 39	5 20	2 39	7 26	0 48	12 11	1 51	21 50	16 36	3 7	2 28	28 2		n.a.
S 5	18 1	13 5	1 53	9 40	0 35	19 32	4 3	19 13	2 33	20 5	0 39	5 20	2 39	7 27	0 48	12 11	1 51	21 49	16 36	3 9	2 29	28 2		n.a.
S 6	17 45	7 30	0 49	9 2	0 43	19 39	3 58	19 23	2 33	20 7	0 39	5 19	2 39	7 27	0 48	12 11	1 51	21 48	16 36	3 10	2 31	28 1		n.a.
M 7	17 28	1 33	0s18	8 25	0 52	19 46	3 53	19 33	2 33	20 8	0 39	5 19	2 39	7 28	0 48	12 12	1 51	21 47	16 35	3 10	2 32	28 0		n.a.
T 8	17 12	4s34	1 26	7 48	1 1	19 52	3 48	19 43	2 33	20 10	0 39	5 18	2 40	7 29	0 48	12 12	1 51	21 46	16 35	3 9	2 33	27 59		n.a.
W 9	16 55	10 37	2 31	7 11	1 10	19 58	3 43	19 53	2 33	20 12	0 39	5 18	2 40	7 30	0 48	12 12	1 51	21 45	16 35	3 9	2 35	27 58		n.a.
T 10	16 38	16 20	3 29	6 35	1 19	20 4	3 37	20 2	2 33	20 13	0 39	5 18	2 40	7 31	0 48	12 12	1 50	21 44	16 35	3 8	2 36	27 57		n.a.
F 11	16 21	21 26	4 17	5 59	1 27	20 10	3 32	20 12	2 32	20 15	0 39	5 17	2 41	7 31	0 48	12 13	1 50	21 43	16 34	3 8	2 37	27 56		n.a.
S 12	16 3	25 30	4 52	5 24	1 36	20 15	3 27	20 22	2 32	20 16	0 39	5 17	2 41	7 32	0 48	12 13	1 50	21 42	16 34	3 8	2 38	27 55		n.a.
S 13	15 46	28 5	5 10	4 49	1 45	20 20	3 21	20 32	2 32	20 18	0 39	5 16	2 41	7 33	0 48	12 13	1 50	21 41	16 34	3 9	2 40	27 54		n.a.
M14	15 27	28 50	5 8	4 15	1 54	20 24	3 16	20 41	2 32	20 19	0 39	5 15	2 41	7 34	0 48	12 14	1 50	21 40	16 34	3 11	2 41	27 53		n.a.
T 15	15 9	27 30	4 46	3 42	2 3	20 29	3 10	20 51	2 32	20 21	0 39	5 15	2 42	7 35	0 48	12 14	1 50	21 39	16 34	3 13	2 42	27 52		n.a.
W16	14 50	24 12	4 4	3 10	2 11	20 33	3 5	21 0	2 32	20 22	0 39	5 14	2 42	7 36	0 48	12 14	1 50	21 38	16 33	3 15	2 43	27 51		n.a.
T 17	14 32	19 17	3 5	2 39	2 20	20 36	2 59	21 10	2 31	20 24	0 39	5 13	2 42	7 37	0 48	12 15	1 50	21 37	16 33	3 16	2 45	27 50		n.a.
F 18	14 12	13 14	1 54	2 9	2 28	20 39	2 54	21 19	2 31	20 25	0 39	5 12	2 42	7 37	0 48	12 15	1 50	21 36	16 33	3 17	2 46	27 49		n.a.
S 19	13 53	6 35	0 37	1 40	2 37	20 42	2 48	21 28	2 31	20 26	0 39	5 12	2 43	7 38	0 48	12 15	1 50	21 35	16 33	3 18	2 47	27 48		n.a.
S 20	13 34	0n14	0n40	1 12	2 45	20 44	2 43	21 37	2 31	20 28	0 39	5 11	2 43	7 39	0 48	12 16	1 50	21 34	16 33	3 18	2 49	27 47		n.a.
M21	13 14	6 49	1 53	0 46	2 53	20 46	2 37	21 46	2 30	20 29	0 39	5 10	2 43	7 40	0 48	12 16	1 50	21 33	16 33	3 17	2 50	27 46		n.a.
T 22	12 54	12 54	2 57	0 22	3 0	20 47	2 32	21 55	2 30	20 30	0 39	5 9	2 43	7 41	0 48	12 16	1 50	21 32	16 32	3 17	2 51	27 45		n.a.
W23	12 33	18 14	3 50	0s 1	3 7	20 48	2 26	22 4	2 30	20 31	0 39	5 8	2 43	7 42	0 48	12 17	1 50	21 31	16 32	3 16	2 52	27 44		n.a.
T 24	12 13	22 40	4 31	0 22	3 14	20 48	2 21	22 12	2 29	20 32	0 39	5 7	2 44	7 43	0 48	12 17	1 50	21 30	16 32	3 16	2 54	27 43		n.a.
F 25	11 52	26 0	4 59	0 40	3 21	20 48	2 15	22 21	2 29	20 33	0 39	5 6	2 44	7 44	0 48	12 18	1 50	21 28	16 32	3 16	2 55	27 42		n.a.
S 26	11 32	28 6	5 13	0 56	3 26	20 47	2 10	22 29	2 29	20 34	0 39	5 5	2 44	7 45	0 48	12 18	1 49	21 27	16 32	3 16	2 56	27 41		n.a.
S 27	11 10	28 53	5 13	1 10	3 32	20 46	2 4	22 38	2 28	20 35	0 39	5 4	2 44	7 45	0 48	12 19	1 49	21 26	16 32	3 17	2 57	27 40		n.a.
M28	10 49	28 20	5 0	1 20	3 36	20 44	1 59	22 46	2 28	20 36	0 39	5 3	2 45	7 46	0 48	12 19	1 49	21 25	16 32	3 18	2 59	27 39		n.a.
T 29	10 28	26 30	4 34	1 28	3 40	20 42	1 53	22 54	2 28	20 37	0 39	5 2	2 45	7 47	0 48	12 19	1 49	21 24	16 32	3 19	3 0	27 37		n.a.
W30	10 6	23 28	3 56	1 32	3 43	20 39	1 48	23 2	2 27	20 38	0 39	5 0	2 45	7 48	0 48	12 20	1 49	21 23	16 32	3 20	3 1	27 36		n.a.
T 31	9n44	19n24	3n 7	1s33	3s45	20n36	1s42	23s10	2s27	20n39	0s39	4n59	2s45	7s49	0s48	12s20	1n49	21n22	16n32	3s21	3s 2	27n35		n.a.

Julian Day Number = 1719809.5, Delta T = 02h56m32s
Ecliptic obliquity = 23°41'52, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°07'21, Lahiri = - 4°00'21 Julian Calendar 1 Aug. 5 BCE == Greg. Calendar 30 July 005 BCE

The year -04 astronomical counting style corresponds to year 005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 5 BCE
geocentric

SEPTEMBER 5 BCE (-4) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 32 23	6♍ 5'17	27♌28	25°R 8	20♋23	2♐33	4♊43	18°R59	12°R 7	7♏12	14♍23	21°R36	22♓22	14♋58	n.a.	F 1
S 2	22 36 19	7° 4'23	9♍49	24♍51	21°26	3°13	4°48	18♈56	12♓ 4	7°13	14°25	21♓35	22°18	15° 4	n.a.	S 2
S 3	22 40 16	8° 3'32	22°22	24°26	22°29	3°53	4°52	18°53	12° 2	7°15	14°27	21°D34	22°15	15°11	n.a.	S 3
M 4	22 44 12	9° 2'43	5♎ 6	23°53	23°33	4°33	4°56	18°50	11°59	7°16	14°30	21°35	22°12	15°18	n.a.	M 4
T 5	22 48 9	10° 1'56	18° 3	23°13	24°37	5°13	5° 0	18°47	11°57	7°18	14°32	21°35	22° 9	15°24	n.a.	T 5
W 6	22 52 5	11° 1'10	1♏14	22°25	25°41	5°53	5° 4	18°44	11°55	7°19	14°34	21°36	22° 6	15°31	n.a.	W 6
T 7	22 56 2	12° 0'27	14°39	21°30	26°46	6°33	5° 8	18°40	11°52	7°20	14°37	21°37	22° 3	15°38	n.a.	T 7
F 8	22 59 59	12°59'46	28°18	20°29	27°50	7°14	5°11	18°37	11°50	7°22	14°39	21°38	21°59	15°44	n.a.	F 8
S 9	23 3 55	13°59'06	12♐12	19°23	28°55	7°55	5°14	18°33	11°47	7°23	14°41	21°R38	21°56	15°51	n.a.	S 9
S 10	23 7 52	14°58'29	26°21	18°14	0♌ 1	8°35	5°18	18°30	11°45	7°25	14°44	21°38	21°53	15°58	n.a.	S 10
M11	23 11 48	15°57'53	10♑41	17° 3	1° 6	9°16	5°20	18°26	11°42	7°26	14°46	21°38	21°50	16° 5	n.a.	M11
T 12	23 15 45	16°57'19	25°10	15°51	2°12	9°57	5°23	18°22	11°40	7°28	14°48	21°37	21°47	16°11	n.a.	T 12
W13	23 19 41	17°56'47	9♒45	14°42	3°18	10°39	5°26	18°19	11°38	7°30	14°51	21°37	21°44	16°18	n.a.	W13
T 14	23 23 38	18°56'17	24°19	13°36	4°25	11°20	5°28	18°15	11°35	7°31	14°53	21°36	21°40	16°25	n.a.	T 14
F 15	23 27 34	19°55'49	8♓46	12°37	5°31	12° 1	5°30	18°11	11°33	7°33	14°56	21°36	21°37	16°31	n.a.	F 15
S 16	23 31 31	20°55'22	23° 1	11°45	6°38	12°43	5°32	18° 7	11°30	7°35	14°58	21°D36	21°34	16°38	n.a.	S 16
S 17	23 35 27	21°54'58	7♈ 0	11° 2	7°45	13°24	5°34	18° 3	11°28	7°36	15° 0	21°R36	21°31	16°45	n.a.	S 17
M18	23 39 24	22°54'36	20°38	10°30	8°52	14° 6	5°36	17°58	11°26	7°38	15° 3	21°36	21°28	16°52	n.a.	M18
T 19	23 43 21	23°54'17	3♉54	10° 8	10° 0	14°48	5°37	17°54	11°23	7°40	15° 5	21°36	21°24	16°58	n.a.	T 19
W20	23 47 17	24°53'59	16°48	9°D57	11° 7	15°30	5°38	17°50	11°21	7°41	15° 7	21°36	21°21	17° 5	n.a.	W20
T 21	23 51 14	25°53'44	29°22	9°58	12°15	16°12	5°39	17°46	11°19	7°43	15°10	21°35	21°18	17°12	n.a.	T 21
F 22	23 55 10	26°53'32	11♊39	10° 9	13°23	16°54	5°40	17°41	11°16	7°45	15°12	21°35	21°15	17°18	n.a.	F 22
S 23	23 59 7	27°53'22	23°44	10°31	14°32	17°36	5°41	17°37	11°14	7°47	15°14	21°D34	21°12	17°25	n.a.	S 23
S 24	0 3 3	28°53'14	5♋39	11° 3	15°40	18°19	5°41	17°32	11°12	7°49	15°17	21°35	21° 9	17°32	n.a.	S 24
M25	0 7 0	29°53'08	17°31	11°44	16°49	19° 1	5°R41	17°28	11° 9	7°51	15°19	21°35	21° 5	17°39	n.a.	M25
T 26	0 10 56	0♎53'05	29°24	12°33	17°58	19°44	5°41	17°23	11° 7	7°52	15°21	21°36	21° 2	17°45	n.a.	T 26
W27	0 14 53	1°53'03	11♌22	13°30	19° 7	20°26	5°41	17°19	11° 5	7°54	15°23	21°37	20°59	17°52	n.a.	W27
T 28	0 18 50	2°53'04	23°29	14°33	20°16	21° 9	5°41	17°14	11° 3	7°56	15°26	21°38	20°56	17°59	n.a.	T 28
F 29	0 22 46	3°53'08	5♍48	15°42	21°26	21°52	5°40	17° 9	11° 1	7°58	15°28	21°39	20°53	18° 5	n.a.	F 29
S 30	0 26 43	4♎53'13	18♍23	16♍56	22♌35	22♐35	5♊39	17♈ 5	10♓58	8♏ 0	15♍30	21°R39	20♓49	18♋12	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9n23	14n30	2n 9	1s29	3s45	20n32	1s37	23s17	2s26	20n40	0s39	4n58	2s45	7s50	0s48	12s21	1n49	21n22	16n31	3s22	3s 4	27n34		n.a.
S 2	9 0	8 58	1 5	1 22	3 45	20 28	1 31	23 25	2 26	20 41	0 39	4 57	2 46	7 51	0 48	12 21	1 49	21 21	16 31	3 23	3 5	27 33		n.a.
S 3	8 38	3 0	0s 4	1 10	3 42	20 23	1 26	23 32	2 25	20 42	0 39	4 55	2 46	7 52	0 48	12 22	1 49	21 20	16 31	3 23	3 6	27 32		n.a.
M 4	8 16	3s11	1 14	0 53	3 39	20 18	1 21	23 39	2 25	20 43	0 39	4 54	2 46	7 53	0 48	12 22	1 49	21 19	16 31	3 23	3 8	27 31		n.a.
T 5	7 53	9 20	2 21	0 32	3 33	20 12	1 15	23 46	2 25	20 43	0 39	4 52	2 46	7 54	0 48	12 23	1 49	21 18	16 31	3 22	3 9	27 30		n.a.
W 6	7 31	15 11	3 22	0 6	3 26	20 5	1 10	23 53	2 24	20 44	0 39	4 51	2 46	7 55	0 48	12 23	1 49	21 17	16 31	3 22	3 10	27 28		n.a.
T 7	7 8	20 26	4 13	0n24	3 17	19 58	1 5	24 0	2 24	20 45	0 39	4 50	2 47	7 56	0 48	12 24	1 49	21 16	16 31	3 21	3 11	27 27		n.a.
F 8	6 45	24 43	4 51	0 58	3 5	19 50	1 0	24 6	2 23	20 45	0 39	4 48	2 47	7 57	0 48	12 24	1 49	21 15	16 31	3 21	3 13	27 26		n.a.
S 9	6 22	27 40	5 13	1 37	2 52	19 42	0 55	24 12	2 22	20 46	0 39	4 47	2 47	7 58	0 48	12 25	1 49	21 14	16 31	3 21	3 14	27 25		n.a.
S 10	5 59	28 54	5 16	2 18	2 37	19 33	0 50	24 19	2 22	20 46	0 39	4 45	2 47	7 59	0 48	12 25	1 49	21 13	16 31	3 21	3 15	27 24		n.a.
M11	5 36	28 14	5 0	3 1	2 20	19 24	0 45	24 24	2 21	20 47	0 39	4 44	2 47	7 59	0 48	12 26	1 49	21 12	16 31	3 21	3 16	27 23		n.a.
T 12	5 12	25 39	4 24	3 46	2 2	19 14	0 40	24 30	2 21	20 47	0 39	4 42	2 47	8 0	0 48	12 27	1 49	21 11	16 31	3 22	3 18	27 21		n.a.
W13	4 49	21 24	3 32	4 31	1 43	19 4	0 35	24 36	2 20	20 48	0 39	4 40	2 48	8 1	0 48	12 27	1 48	21 10	16 31	3 22	3 19	27 20		n.a.
T 14	4 25	15 51	2 26	5 15	1 23	18 53	0 30	24 41	2 20	20 48	0 39	4 39	2 48	8 2	0 48	12 28	1 48	21 9	16 32	3 22	3 20	27 19		n.a.
F 15	4 2	9 27	1 11	5 56	1 2	18 41	0 25	24 46	2 19	20 49	0 39	4 37	2 48	8 3	0 48	12 28	1 48	21 9	16 32	3 22	3 21	27 18		n.a.
S 16	3 38	2 41	0n 8	6 35	0 42	18 29	0 20	24 51	2 18	20 49	0 39	4 36	2 48	8 4	0 48	12 29	1 48	21 8	16 32	3 22	3 23	27 16		n.a.
S 17	3 14	4n 6	1 24	7 10	0 22	18 17	0 16	24 56	2 18	20 49	0 39	4 34	2 48	8 5	0 48	12 29	1 48	21 7	16 32	3 22	3 24	27 15		n.a.
M18	2 51	10 31	2 34	7 40	0 2	18 3	0 11	25 1	2 17	20 50	0 39	4 32	2 48	8 6	0 48	12 30	1 48	21 6	16 32	3 22	3 25	27 14		n.a.
T 19	2 27	16 18	3 34	8 6	0n16	17 50	0 7	25 5	2 17	20 50	0 39	4 30	2 48	8 7	0 48	12 31	1 48	21 5	16 32	3 22	3 27	27 13		n.a.
W20	2 3	21 11	4 20	8 26	0 33	17 35	0 2	25 9	2 16	20 50	0 39	4 29	2 49	8 8	0 48	12 31	1 48	21 4	16 32	3 22	3 28	27 11		n.a.
T 21	1 39	25 0	4 53	8 40	0 49	17 21	0n 2	25 13	2 15	20 50	0 39	4 27	2 49	8 9	0 48	12 32	1 48	21 3	16 32	3 22	3 29	27 10		n.a.
F 22	1 15	27 35	5 12	8 49	1 3	17 5	0 7	25 17	2 15	20 50	0 39	4 25	2 49	8 9	0 48	12 33	1 48	21 3	16 32	3 22	3 30	27 9		n.a.
S 23	0 51	28 49	5 17	8 52	1 16	16 49	0 11	25 20	2 14	20 51	0 39	4 23	2 49	8 10	0 48	12 33	1 48	21 2	16 32	3 23	3 32	27 8		n.a.
S 24	0 27	28 42	5 7	8 50	1 27	16 33	0 15	25 23	2 13	20 51	0 39	4 22	2 49	8 11	0 48	12 34	1 48	21 1	16 33	3 23	3 33	27 6		n.a.
M25	0 3	27 15	4 45	8 43	1 36	16 16	0 19	25 26	2 13	20 51	0 39	4 20	2 49	8 12	0 48	12 34	1 48	21 0	16 33	3 22	3 34	27 5		n.a.
T 26	0s21	24 35	4 11	8 32	1 44	15 59	0 23	25 29	2 12	20 51	0 39	4 18	2 49	8 13	0 48	12 35	1 48	20 59	16 33	3 22	3 35	27 4		n.a.
W27	0 45	20 50	3 25	8 16	1 51	15 41	0 27	25 32	2 11	20 51	0 39	4 16	2 49	8 14	0 48	12 36	1 48	20 59	16 33	3 22	3 37	27 2		n.a.
T 28	1 10	16 11	2 30	7 56	1 56	15 23	0 31	25 34	2 10	20 51	0 39	4 14	2 49	8 15	0 48	12 36	1 48	20 58	16 33	3 21	3 38	27 1		n.a.
F 29	1 34	10 49	1 27	7 33	2 1	15 4	0 35	25 36	2 10	20 50	0 39	4 12	2 49	8 15	0 48	12 37	1 48	20 57	16 33	3 21	3 39	27 0		n.a.
S 30	1s58	4n55	0n18	7n 6	2n 4	14n45	0n39	25s38	2s 9	20n50	0s39	4n11	2s49	8s16	0s48	12s38	1n48	20n57	16n34	3s21	3s40	26n58		n.a.

Julian Day Number = 1719840.5, Delta T = 02h56m31s
Ecliptic obliquity = 23°41'53, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°07'17, Lahiri = - 4°00'16 Julian Calendar 1 Sept. 5 BCE == Greg. Calendar 30 Aug. 005 BCE

The year -04 astronomical counting style corresponds to year 005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 5 BCE
geocentric

OCTOBER 5 BCE (-4) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 30 39	5♎53'20	1♎13	18♍14	23♌45	23♐17	5°R38	17°R 0	10°R56	8♏ 2	15♍32	21°R39	20♓46	18♋19	n.a.	S 1
M 2	0 34 36	6°53'29	14°19	19°36	24°55	24° 1	5♊37	16♈55	10♓54	8° 4	15°35	21♓38	20°43	18°26	n.a.	M 2
T 3	0 38 32	7°53'40	27°42	21° 1	26° 5	24°44	5°36	16°50	10°52	8° 6	15°37	21°36	20°40	18°32	n.a.	T 3
W 4	0 42 29	8°53'54	11♏18	22°28	27°15	25°27	5°34	16°46	10°50	8° 8	15°39	21°34	20°37	18°39	n.a.	W 4
T 5	0 46 25	9°54'08	25° 7	23°58	28°25	26°10	5°32	16°41	10°48	8°10	15°41	21°31	20°34	18°46	n.a.	T 5
F 6	0 50 22	10°54'25	9♐ 4	25°29	29°36	26°53	5°30	16°36	10°46	8°12	15°44	21°29	20°30	18°52	n.a.	F 6
S 7	0 54 19	11°54'43	23° 9	27° 2	0♍46	27°37	5°28	16°31	10°44	8°14	15°46	21°27	20°27	18°59	n.a.	S 7
S 8	0 58 15	12°55'03	7♑18	28°36	1°57	28°20	5°25	16°26	10°42	8°16	15°48	21°D26	20°24	19° 6	n.a.	S 8
M 9	1 2 12	13°55'24	21°28	0♎11	3° 8	29° 4	5°23	16°21	10°40	8°18	15°50	21°26	20°21	19°12	n.a.	M 9
T 10	1 6 8	14°55'47	5♒39	1°47	4°19	29°47	5°20	16°16	10°38	8°21	15°52	21°27	20°18	19°19	n.a.	T 10
W11	1 10 5	15°56'11	19°49	3°23	5°30	0♑31	5°17	16°11	10°36	8°23	15°54	21°29	20°15	19°26	n.a.	W11
T 12	1 14 1	16°56'37	3♓54	4°59	6°41	1°15	5°14	16° 7	10°34	8°25	15°56	21°30	20°11	19°33	n.a.	T 12
F 13	1 17 58	17°57'04	17°52	6°36	7°53	1°59	5°10	16° 2	10°33	8°27	15°58	21°R31	20° 8	19°39	n.a.	F 13
S 14	1 21 54	18°57'32	1♈41	8°12	9° 4	2°42	5° 7	15°57	10°31	8°29	16° 0	21°31	20° 5	19°46	n.a.	S 14
S 15	1 25 51	19°58'02	15°19	9°49	10°16	3°26	5° 3	15°52	10°29	8°31	16° 3	21°29	20° 2	19°53	n.a.	S 15
M16	1 29 48	20°58'34	28°41	11°26	11°27	4°10	4°59	15°47	10°28	8°33	16° 5	21°25	19°59	19°59	n.a.	M16
T 17	1 33 44	21°59'08	11♉48	13° 3	12°39	4°54	4°55	15°42	10°26	8°36	16° 7	21°21	19°55	20° 6	n.a.	T 17
W18	1 37 41	22°59'43	24°38	14°39	13°51	5°38	4°51	15°37	10°24	8°38	16° 9	21°15	19°52	20°13	n.a.	W18
T 19	1 41 37	24° 0'20	7♊10	16°16	15° 3	6°22	4°46	15°32	10°23	8°40	16°11	21°10	19°49	20°20	n.a.	T 19
F 20	1 45 34	25° 0'59	19°28	17°52	16°15	7° 6	4°42	15°28	10°21	8°42	16°13	21° 4	19°46	20°26	n.a.	F 20
S 21	1 49 30	26° 1'40	1♋33	19°29	17°28	7°51	4°37	15°23	10°20	8°44	16°14	21° 0	19°43	20°33	n.a.	S 21
S 22	1 53 27	27° 2'22	13°28	21° 5	18°40	8°35	4°32	15°18	10°18	8°47	16°16	20°57	19°40	20°40	n.a.	S 22
M23	1 57 23	28° 3'06	25°20	22°41	19°52	9°19	4°27	15°13	10°17	8°49	16°18	20°D56	19°36	20°46	n.a.	M23
T 24	2 1 20	29° 3'52	7♌11	24°16	21° 5	10° 3	4°21	15° 9	10°15	8°51	16°20	20°57	19°33	20°53	n.a.	T 24
W25	2 5 17	0♏ 4'39	19° 8	25°52	22°18	10°47	4°16	15° 4	10°14	8°53	16°22	20°58	19°30	21° 0	n.a.	W25
T 26	2 9 13	1° 5'28	1♍16	27°27	23°30	11°32	4°10	14°59	10°13	8°56	16°24	21° 0	19°27	21° 6	n.a.	T 26
F 27	2 13 10	2° 6'19	13°39	29° 2	24°43	12°16	4° 4	14°55	10°12	8°58	16°26	21° 1	19°24	21°13	n.a.	F 27
S 28	2 17 6	3° 7'11	26°20	0♏37	25°56	13° 1	3°58	14°50	10°10	9° 0	16°27	21°R 1	19°21	21°20	n.a.	S 28
S 29	2 21 3	4° 8'05	9♎23	2°12	27° 9	13°45	3°52	14°46	10° 9	9° 2	16°29	20°59	19°17	21°27	n.a.	S 29
M30	2 24 59	5° 9'00	22°49	3°47	28°22	14°29	3°46	14°41	10° 8	9° 5	16°31	20°55	19°14	21°33	n.a.	M30
T 31	2 28 56	6♏ 9'56	6♏36	5♏22	29♍35	15♑14	3♊39	14♈37	10♓ 7	9♏ 7	16♍33	20♓50	19♓11	21♋40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	2s22	1s17	0s53	6n37	2n 5	14n25	0n42	25s40	2s 8	20n50	0s39	4n 9	2s49	8s17	0s48	12s38	1n48	20n56	16n34	3s21	3s42	26n57			n.a.
M 2	2 46	7 35	2 2	6 6	2 6	14 5	0 46	25 41	2 8	20 50	0 39	4 7	2 49	8 18	0 48	12 39	1 48	20 55	16 34	3 21	3 43	26 56			n.a.
T 3	3 10	13 39	3 6	5 32	2 6	13 44	0 50	25 42	2 7	20 50	0 39	4 5	2 49	8 19	0 48	12 40	1 48	20 54	16 34	3 22	3 44	26 54			n.a.
W 4	3 34	19 11	4 1	4 56	2 6	13 23	0 53	25 43	2 6	20 49	0 39	4 3	2 49	8 19	0 48	12 40	1 48	20 54	16 34	3 23	3 46	26 53			n.a.
T 5	3 58	23 48	4 42	4 19	2 4	13 2	0 56	25 44	2 5	20 49	0 39	4 1	2 49	8 20	0 48	12 41	1 48	20 53	16 35	3 24	3 47	26 52			n.a.
F 6	4 22	27 7	5 7	3 40	2 2	12 40	0 59	25 44	2 4	20 49	0 39	3 59	2 50	8 21	0 48	12 42	1 48	20 52	16 35	3 25	3 48	26 50			n.a.
S 7	4 46	28 45	5 15	3 1	1 59	12 18	1 3	25 44	2 4	20 48	0 39	3 57	2 50	8 22	0 48	12 43	1 48	20 52	16 35	3 26	3 49	26 49			n.a.
S 8	5 9	28 32	5 3	2 20	1 56	11 55	1 6	25 44	2 3	20 48	0 39	3 55	2 50	8 22	0 48	12 43	1 48	20 51	16 35	3 26	3 51	26 47			n.a.
M 9	5 33	26 27	4 33	1 38	1 52	11 32	1 9	25 44	2 2	20 48	0 39	3 54	2 50	8 23	0 48	12 44	1 47	20 51	16 36	3 26	3 52	26 46			n.a.
T 10	5 57	22 42	3 46	0 56	1 48	11 8	1 12	25 43	2 1	20 47	0 39	3 52	2 49	8 24	0 48	12 45	1 47	20 50	16 36	3 25	3 53	26 45			n.a.
W11	6 20	17 39	2 45	0 13	1 43	10 45	1 14	25 42	2 0	20 47	0 39	3 50	2 49	8 24	0 48	12 45	1 47	20 49	16 36	3 25	3 54	26 43			n.a.
T 12	6 44	11 40	1 35	0s30	1 38	10 21	1 17	25 41	2 0	20 46	0 39	3 48	2 49	8 25	0 48	12 46	1 47	20 49	16 37	3 24	3 56	26 42			n.a.
F 13	7 7	5 9	0 20	1 13	1 33	9 56	1 20	25 40	1 59	20 45	0 39	3 46	2 49	8 26	0 48	12 47	1 47	20 48	16 37	3 24	3 57	26 40			n.a.
S 14	7 30	1n32	0n56	1 57	1 28	9 31	1 22	25 38	1 58	20 45	0 39	3 44	2 49	8 26	0 48	12 47	1 47	20 48	16 37	3 24	3 58	26 39			n.a.
S 15	7 53	8 2	2 7	2 40	1 22	9 6	1 25	25 36	1 57	20 44	0 39	3 42	2 49	8 27	0 48	12 48	1 47	20 47	16 38	3 25	3 59	26 37			n.a.
M16	8 16	14 4	3 9	3 24	1 16	8 41	1 27	25 34	1 56	20 44	0 39	3 41	2 49	8 28	0 48	12 49	1 47	20 47	16 38	3 26	4 1	26 36			n.a.
T 17	8 39	19 21	4 1	4 8	1 10	8 15	1 29	25 32	1 56	20 43	0 39	3 39	2 49	8 28	0 48	12 50	1 47	20 46	16 38	3 28	4 2	26 34			n.a.
W18	9 2	23 38	4 39	4 51	1 4	7 49	1 31	25 29	1 55	20 42	0 39	3 37	2 49	8 29	0 48	12 50	1 47	20 46	16 39	3 30	4 3	26 33			n.a.
T 19	9 25	26 42	5 2	5 35	0 58	7 23	1 33	25 26	1 54	20 41	0 39	3 35	2 49	8 29	0 48	12 51	1 47	20 45	16 39	3 32	4 4	26 31			n.a.
F 20	9 47	28 27	5 11	6 18	0 51	6 56	1 35	25 23	1 53	20 40	0 39	3 33	2 49	8 30	0 48	12 52	1 47	20 45	16 39	3 35	4 6	26 30			n.a.
S 21	10 9	28 47	5 6	7 1	0 45	6 30	1 37	25 20	1 52	20 40	0 38	3 32	2 49	8 31	0 48	12 53	1 47	20 44	16 40	3 36	4 7	26 29			n.a.
S 22	10 32	27 47	4 48	7 43	0 38	6 3	1 39	25 16	1 51	20 39	0 38	3 30	2 49	8 31	0 48	12 53	1 47	20 44	16 40	3 37	4 8	26 27			n.a.
M23	10 54	25 31	4 17	8 25	0 32	5 35	1 40	25 12	1 50	20 38	0 38	3 28	2 49	8 32	0 47	12 54	1 47	20 43	16 40	3 38	4 9	26 25			n.a.
T 24	11 16	22 9	3 36	9 7	0 25	5 8	1 42	25 8	1 49	20 37	0 38	3 26	2 49	8 32	0 47	12 55	1 47	20 43	16 41	3 38	4 11	26 24			n.a.
W25	11 37	17 51	2 44	9 49	0 18	4 40	1 43	25 3	1 49	20 36	0 38	3 25	2 49	8 33	0 47	12 55	1 47	20 43	16 41	3 37	4 12	26 22			n.a.
T 26	11 59	12 47	1 45	10 30	0 12	4 12	1 45	24 59	1 48	20 35	0 38	3 23	2 48	8 33	0 47	12 56	1 47	20 42	16 42	3 36	4 13	26 21			n.a.
F 27	12 20	7 7	0 40	11 10	0 5	3 44	1 46	24 54	1 47	20 34	0 38	3 21	2 48	8 33	0 47	12 57	1 47	20 42	16 42	3 36	4 15	26 19			n.a.
S 28	12 41	1 2	0s29	11 50	0s 1	3 16	1 47	24 49	1 46	20 33	0 38	3 20	2 48	8 34	0 47	12 58	1 47	20 42	16 42	3 36	4 16	26 18			n.a.
S 29	13 2	5s15	1 38	12 30	0 8	2 48	1 48	24 43	1 45	20 32	0 38	3 18	2 48	8 34	0 47	12 58	1 47	20 41	16 43	3 37	4 17	26 16			n.a.
M30	13 23	11 29	2 43	13 9	0 15	2 19	1 49	24 37	1 44	20 31	0 38	3 16	2 48	8 35	0 47	12 59	1 47	20 41	16 43	3 38	4 18	26 15			n.a.
T 31	13s43	17s20	3s41	13s47	0s21	1n51	1n50	24s32	1s43	20n30	0s38	3n15	2s48	8s35	0s47	13s 0	1n47	20n41	16n44	3s40	4s20	26n13			n.a.

Julian Day Number = 1719870.5, Delta T = 02h56m30s
Ecliptic obliquity = 23°41'53, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°07'13, Lahiri = - 4°00'12 Julian Calendar 1 Oct. 5 BCE == Greg. Calendar 29 Sept. 005 BCE

The year -04 astronomical counting style corresponds to year 005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 5 BCE
geocentric

NOVEMBER 5 BCE (-4) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 32 52	7♏10'54	20♏41	6♏56	0♎48	15♉59	3°R33	14°R33	10°R 6	9♏ 9	16♍34	20°R42	19♓ 8	21♋47	n.a.	W 1
T 2	2 36 49	8°11'53	4♐59	8°31	2° 2	16°43	3♊26	14♈28	10♓ 5	9°11	16°36	20♓34	19° 5	21°53	n.a.	T 2
F 3	2 40 46	9°12'53	19°24	10° 5	3°15	17°28	3°19	14°24	10° 4	9°14	16°38	20°26	19° 1	22° 0	n.a.	F 3
S 4	2 44 42	10°13'53	3♉51	11°39	4°28	18°12	3°13	14°20	10° 3	9°16	16°39	20°20	18°58	22° 7	n.a.	S 4
S 5	2 48 39	11°14'55	18°15	13°14	5°42	18°57	3° 5	14°16	10° 2	9°18	16°41	20°15	18°55	22°13	n.a.	S 5
M 6	2 52 35	12°15'57	2♒30	14°48	6°55	19°42	2°58	14°12	10° 2	9°20	16°42	20°13	18°52	22°20	n.a.	M 6
T 7	2 56 32	13°17'00	16°36	16°22	8° 9	20°26	2°51	14° 8	10° 1	9°23	16°44	20°D13	18°49	22°27	n.a.	T 7
W 8	3 0 28	14°18'04	0♓30	17°56	9°23	21°11	2°44	14° 4	10° 0	9°25	16°45	20°13	18°46	22°34	n.a.	W 8
T 9	3 4 25	15°19'08	14°14	19°30	10°36	21°56	2°36	14° 0	10° 0	9°27	16°47	20°R14	18°42	22°40	n.a.	T 9
F 10	3 8 21	16°20'12	27°47	21° 5	11°50	22°40	2°29	13°56	9°59	9°29	16°48	20°14	18°39	22°47	n.a.	F 10
S 11	3 12 18	17°21'18	11♈ 9	22°39	13° 4	23°25	2°21	13°53	9°59	9°32	16°50	20°12	18°36	22°54	n.a.	S 11
S 12	3 16 15	18°22'23	24°22	24°13	14°18	24°10	2°13	13°49	9°58	9°34	16°51	20° 7	18°33	23° 0	n.a.	S 12
M13	3 20 11	19°23'30	7♉23	25°48	15°31	24°55	2° 6	13°46	9°58	9°36	16°52	20° 0	18°30	23° 7	n.a.	M13
T 14	3 24 8	20°24'37	20°12	27°22	16°45	25°39	1°58	13°42	9°57	9°38	16°54	19°50	18°26	23°14	n.a.	T 14
W15	3 28 4	21°25'46	2♊49	28°57	17°59	26°24	1°50	13°39	9°57	9°41	16°55	19°38	18°23	23°20	n.a.	W15
T 16	3 32 1	22°26'54	15°14	0♐31	19°13	27° 9	1°42	13°36	9°57	9°43	16°56	19°26	18°20	23°27	n.a.	T 16
F 17	3 35 57	23°28'04	27°27	2° 6	20°27	27°54	1°34	13°33	9°56	9°45	16°57	19°14	18°17	23°34	n.a.	F 17
S 18	3 39 54	24°29'14	9♋29	3°41	21°42	28°38	1°26	13°29	9°56	9°47	16°59	19° 4	18°14	23°41	n.a.	S 18
S 19	3 43 50	25°30'25	21°23	5°15	22°56	29°23	1°18	13°26	9°56	9°49	17° 0	18°56	18°11	23°47	n.a.	S 19
M20	3 47 47	26°31'37	3♌13	6°50	24°10	0♒ 8	1°10	13°24	9°56	9°52	17° 1	18°51	18° 7	23°54	n.a.	M20
T 21	3 51 44	27°32'50	15° 3	8°25	25°24	0°53	1° 2	13°21	9°D56	9°54	17° 2	18°48	18° 4	24° 1	n.a.	T 21
W22	3 55 40	28°34'03	26°57	10° 0	26°38	1°37	0°54	13°18	9°56	9°56	17° 3	18°D47	18° 1	24° 7	n.a.	W22
T 23	3 59 37	29°35'17	9♍ 1	11°34	27°53	2°22	0°45	13°15	9°56	9°58	17° 4	18°47	17°58	24°14	n.a.	T 23
F 24	4 3 33	0♐36'31	21°21	13° 9	29° 7	3° 7	0°37	13°13	9°56	10° 0	17° 5	18°R47	17°55	24°21	n.a.	F 24
S 25	4 7 30	1°37'46	4♎ 2	14°43	0♏21	3°52	0°29	13°10	9°57	10° 3	17° 6	18°46	17°52	24°27	n.a.	S 25
S 26	4 11 26	2°39'01	17° 8	16°17	1°36	4°37	0°21	13° 8	9°57	10° 5	17° 7	18°43	17°48	24°34	n.a.	S 26
M27	4 15 23	3°40'17	0♏41	17°51	2°50	5°21	0°13	13° 6	9°57	10° 7	17° 8	18°37	17°45	24°41	n.a.	M27
T 28	4 19 19	4°41'34	14°42	19°25	4° 5	6° 6	0° 5	13° 4	9°57	10° 9	17° 9	18°29	17°42	24°48	n.a.	T 28
W29	4 23 16	5°42'50	29° 7	20°57	5°19	6°51	29♉57	13° 2	9°58	10°11	17°10	18°18	17°39	24°54	n.a.	W29
T 30	4 27 13	6♐44'07	13♐51	22♐29	6♏34	7♒36	29♉49	13♈ 0	9♓58	10♏13	17♍10	18♓ 6	17♓36	25♋ 1	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s 3	22s23	4s26	14s25	0s27	1n22	1n51	24s25	1s42	20n28	0s38	3n13	2s48	8s35	0s47	13s 1	1n47	20n40	16n44	3s43	4s21	26n12		n.a.
T 2	14 23	26 12	4 56	15 2	0 34	0 53	1 52	24 19	1 41	20 27	0 38	3 12	2 47	8 36	0 47	13 1	1 47	20 40	16 45	3 47	4 22	26 10		n.a.
F 3	14 43	28 22	5 7	15 38	0 40	0 25	1 52	24 12	1 40	20 26	0 38	3 10	2 47	8 36	0 47	13 2	1 47	20 40	16 45	3 50	4 23	26 8		n.a.
S 4	15 3	28 37	4 58	16 14	0 46	0s 4	1 53	24 5	1 39	20 25	0 37	3 9	2 47	8 36	0 47	13 3	1 47	20 40	16 45	3 52	4 25	26 7		n.a.
S 5	15 22	26 55	4 31	16 48	0 52	0 33	1 53	23 58	1 39	20 23	0 37	3 7	2 47	8 37	0 47	13 3	1 47	20 40	16 46	3 54	4 26	26 5		n.a.
M 6	15 41	23 30	3 48	17 23	0 58	1 2	1 54	23 51	1 38	20 22	0 37	3 6	2 47	8 37	0 47	13 4	1 47	20 39	16 46	3 55	4 27	26 4		n.a.
T 7	16 0	18 44	2 50	17 56	1 4	1 32	1 54	23 43	1 37	20 21	0 37	3 5	2 47	8 37	0 47	13 5	1 47	20 39	16 47	3 55	4 28	26 2		n.a.
W 8	16 18	13 2	1 44	18 28	1 10	2 1	1 54	23 35	1 36	20 19	0 37	3 3	2 46	8 37	0 47	13 6	1 47	20 39	16 47	3 55	4 30	26 0		n.a.
T 9	16 36	6 46	0 32	19 0	1 15	2 30	1 54	23 27	1 35	20 18	0 37	3 2	2 46	8 38	0 47	13 6	1 47	20 39	16 48	3 54	4 31	25 59		n.a.
F 10	16 54	0 17	0n40	19 31	1 20	2 59	1 54	23 19	1 34	20 17	0 37	3 1	2 46	8 38	0 47	13 7	1 47	20 39	16 48	3 55	4 32	25 57		n.a.
S 11	17 12	6n 8	1 49	20 1	1 26	3 28	1 54	23 10	1 33	20 15	0 37	2 59	2 46	8 38	0 47	13 8	1 47	20 39	16 49	3 55	4 33	25 55		n.a.
S 12	17 29	12 12	2 52	20 29	1 31	3 57	1 54	23 1	1 32	20 14	0 37	2 58	2 46	8 38	0 47	13 9	1 47	20 39	16 49	3 57	4 35	25 54		n.a.
M13	17 46	17 39	3 44	20 57	1 35	4 26	1 53	22 52	1 31	20 12	0 37	2 57	2 45	8 38	0 47	13 9	1 47	20 38	16 50	4 0	4 36	25 52		n.a.
T 14	18 3	22 13	4 24	21 24	1 40	4 55	1 53	22 43	1 30	20 11	0 36	2 56	2 45	8 38	0 47	13 10	1 47	20 38	16 50	4 4	4 37	25 50		n.a.
W15	18 19	25 41	4 50	21 50	1 44	5 24	1 53	22 34	1 29	20 10	0 36	2 55	2 45	8 38	0 47	13 11	1 47	20 38	16 51	4 9	4 38	25 49		n.a.
T 16	18 35	27 52	5 2	22 15	1 48	5 53	1 52	22 24	1 28	20 8	0 36	2 54	2 45	8 38	0 47	13 11	1 47	20 38	16 51	4 14	4 40	25 47		n.a.
F 17	18 50	28 40	5 0	22 38	1 52	6 21	1 52	22 14	1 27	20 7	0 36	2 53	2 44	8 38	0 47	13 12	1 47	20 38	16 52	4 18	4 41	25 45		n.a.
S 18	19 6	28 4	4 44	23 0	1 56	6 50	1 51	22 4	1 26	20 5	0 36	2 52	2 44	8 38	0 47	13 13	1 47	20 38	16 53	4 22	4 42	25 44		n.a.
S 19	19 21	26 11	4 16	23 21	1 59	7 18	1 50	21 53	1 25	20 4	0 36	2 51	2 44	8 38	0 46	13 13	1 47	20 38	16 53	4 25	4 43	25 42		n.a.
M20	19 35	23 10	3 37	23 41	2 2	7 47	1 49	21 43	1 24	20 2	0 36	2 50	2 44	8 38	0 46	13 14	1 47	20 38	16 54	4 28	4 45	25 40		n.a.
T 21	19 49	19 11	2 49	23 59	2 4	8 15	1 48	21 32	1 24	20 0	0 36	2 49	2 43	8 38	0 46	13 15	1 47	20 38	16 54	4 29	4 46	25 39		n.a.
W22	20 3	14 26	1 53	24 16	2 7	8 43	1 47	21 21	1 23	19 59	0 35	2 48	2 43	8 38	0 46	13 15	1 47	20 39	16 55	4 29	4 47	25 37		n.a.
T 23	20 17	9 4	0 52	24 32	2 8	9 11	1 46	21 10	1 22	19 57	0 35	2 47	2 43	8 38	0 46	13 16	1 47	20 39	16 55	4 29	4 48	25 35		n.a.
F 24	20 30	3 15	0s14	24 46	2 10	9 39	1 45	20 59	1 21	19 56	0 35	2 47	2 43	8 38	0 46	13 17	1 47	20 39	16 56	4 29	4 50	25 33		n.a.
S 25	20 43	2s51	1 20	24 59	2 11	10 6	1 44	20 47	1 20	19 54	0 35	2 46	2 42	8 38	0 46	13 17	1 47	20 39	16 56	4 29	4 51	25 32		n.a.
S 26	20 55	9 1	2 24	25 10	2 11	10 33	1 43	20 35	1 19	19 53	0 35	2 45	2 42	8 38	0 46	13 18	1 47	20 39	16 57	4 31	4 52	25 30		n.a.
M27	21 7	14 59	3 22	25 19	2 11	11 0	1 41	20 23	1 18	19 51	0 35	2 45	2 42	8 38	0 46	13 19	1 47	20 39	16 57	4 33	4 53	25 28		n.a.
T 28	21 18	20 24	4 10	25 27	2 11	11 27	1 40	20 11	1 17	19 49	0 34	2 44	2 42	8 38	0 46	13 19	1 47	20 39	16 58	4 36	4 55	25 26		n.a.
W29	21 29	24 47	4 44	25 33	2 10	11 54	1 38	19 59	1 16	19 48	0 34	2 44	2 41	8 37	0 46	13 20	1 47	20 39	16 59	4 41	4 56	25 25		n.a.
T 30	21s40	27s40	5s 0	25s37	2s 8	12s20	1n37	19s47	1s15	19n46	0s34	2n43	2s41	8s37	0s46	13s21	1n47	20n40	16n59	4s45	4s57	25n23		n.a.

Julian Day Number = 1719901.5, Delta T = 02h56m29s
Ecliptic obliquity = 23°41'53, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°07'09, Lahiri = - 4°00'08 Julian Calendar 1 Nov. 5 BCE == Greg. Calendar 30 Oct. 005 BCE

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ASTRODIENST EPHEMERIS for the year 5 BCE
geocentric

DECEMBER 5 BCE (-4) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 31 9	7♐45'24	28♐44	24♐ 0	7♏48	8♒20	29°R40	12°R58	9♓59	10♏15	17♍11	17°R54	17♓32	25♋ 8	n.a.	F 1
S 2	4 35 6	8°46'41	13♑39	25°30	9° 3	9° 5	29♉33	12♈56	9°59	10°17	17°12	17♓44	17°29	25°14	n.a.	S 2
S 3	4 39 2	9°47'58	28°26	26°59	10°17	9°50	29°25	12°55	10° 0	10°19	17°13	17°36	17°26	25°21	n.a.	S 3
M 4	4 42 59	10°49'14	12♒59	28°25	11°32	10°35	29°17	12°53	10° 1	10°21	17°13	17°31	17°23	25°28	n.a.	M 4
T 5	4 46 55	11°50'30	27°14	29°50	12°46	11°19	29° 9	12°52	10° 1	10°23	17°14	17°29	17°20	25°34	n.a.	T 5
W 6	4 50 52	12°51'45	11♓ 9	1♑12	14° 1	12° 4	29° 1	12°51	10° 2	10°25	17°15	17°29	17°17	25°41	n.a.	W 6
T 7	4 54 49	13°53'00	24°45	2°31	15°16	12°49	28°54	12°50	10° 3	10°27	17°15	17°29	17°13	25°48	n.a.	T 7
F 8	4 58 45	14°54'15	8♈ 5	3°47	16°30	13°33	28°46	12°49	10° 4	10°29	17°16	17°28	17°10	25°54	n.a.	F 8
S 9	5 2 42	15°55'28	21° 9	4°58	17°45	14°18	28°38	12°48	10° 5	10°31	17°16	17°24	17° 7	26° 1	n.a.	S 9
S 10	5 6 38	16°56'42	4♉ 1	6° 5	19° 0	15° 3	28°31	12°47	10° 6	10°33	17°17	17°18	17° 4	26° 8	n.a.	S 10
M11	5 10 35	17°57'55	16°42	7° 6	20°14	15°47	28°24	12°46	10° 7	10°35	17°17	17° 9	17° 1	26°15	n.a.	M11
T 12	5 14 31	18°59'07	29°13	8° 0	21°29	16°32	28°17	12°46	10° 8	10°37	17°17	16°57	16°58	26°21	n.a.	T 12
W13	5 18 28	20° 0'19	11♊34	8°48	22°44	17°17	28° 9	12°45	10° 9	10°39	17°18	16°43	16°54	26°28	n.a.	W13
T 14	5 22 24	21° 1'30	23°47	9°27	23°58	18° 1	28° 2	12°45	10°10	10°41	17°18	16°28	16°51	26°35	n.a.	T 14
F 15	5 26 21	22° 2'42	5♋51	9°57	25°13	18°46	27°56	12°45	10°11	10°42	17°18	16°14	16°48	26°41	n.a.	F 15
S 16	5 30 18	23° 3'52	17°49	10°18	26°28	19°30	27°49	12°45	10°12	10°44	17°18	16° 1	16°45	26°48	n.a.	S 16
S 17	5 34 14	24° 5'02	29°40	10°R28	27°42	20°15	27°42	12°D45	10°14	10°46	17°19	15°50	16°42	26°55	n.a.	S 17
M18	5 38 11	25° 6'12	11♌29	10°26	28°57	20°59	27°36	12°45	10°15	10°48	17°19	15°43	16°38	27° 1	n.a.	M18
T 19	5 42 7	26° 7'21	23°18	10°13	0♐12	21°44	27°29	12°45	10°17	10°49	17°19	15°38	16°35	27° 8	n.a.	T 19
W20	5 46 4	27° 8'29	5♍10	9°48	1°27	22°28	27°23	12°45	10°18	10°51	17°19	15°36	16°32	27°15	n.a.	W20
T 21	5 50 0	28° 9'38	17°12	9°12	2°41	23°12	27°17	12°46	10°19	10°53	17°19	15°D36	16°29	27°21	n.a.	T 21
F 22	5 53 57	29°10'45	29°28	8°25	3°56	23°57	27°11	12°46	10°21	10°54	17°R19	15°R36	16°26	27°28	n.a.	F 22
S 23	5 57 54	0♑11'52	12♎ 4	7°28	5°11	24°41	27° 6	12°47	10°23	10°56	17°19	15°36	16°23	27°35	n.a.	S 23
S 24	6 1 50	1°12'59	25° 5	6°24	6°26	25°26	27° 0	12°48	10°24	10°58	17°19	15°33	16°19	27°42	n.a.	S 24
M25	6 5 47	2°14'05	8♏34	5°13	7°40	26°10	26°54	12°49	10°26	10°59	17°19	15°29	16°16	27°48	n.a.	M25
T 26	6 9 43	3°15'10	22°33	3°58	8°55	26°54	26°49	12°50	10°28	11° 1	17°19	15°21	16°13	27°55	n.a.	T 26
W27	6 13 40	4°16'15	7♐ 2	2°42	10°10	27°38	26°44	12°51	10°29	11° 2	17°19	15°12	16°10	28° 2	n.a.	W27
T 28	6 17 36	5°17'19	21°55	1°26	11°25	28°23	26°39	12°52	10°31	11° 4	17°19	15° 1	16° 7	28° 8	n.a.	T 28
F 29	6 21 33	6°18'22	7♑ 4	0°13	12°40	29° 7	26°34	12°53	10°33	11° 5	17°18	14°50	16° 4	28°15	n.a.	F 29
S 30	6 25 29	7°19'24	22°18	29♐ 5	13°54	29°51	26°30	12°55	10°35	11° 7	17°18	14°40	16° 0	28°22	n.a.	S 30
S 31	6 29 26	8♑20'25	7♒27	28♐ 3	15♐ 9	0♓35	26♉25	12♈56	10♓37	11♏ 8	17♍18	14♓33	15♓57	28♋28	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21 s50	28 s37	4 s55	25 s40	2 s 6	12 s46	1 n35	19 s34	1 s14	19 n45	0 s34	2 n43	2 s41	8 s37	0 s46	13 s21	1 n47	20 n40	17 n 0	4 s50	4 s58	25 n21			n.a.
S 2	22 0	27 28	4 31	25 40	2 3	13 11	1 33	19 21	1 13	19 43	0 34	2 42	2 40	8 37	0 46	13 22	1 47	20 40	17 0	4 54	5 0	25 19			n.a.
S 3	22 10	24 25	3 48	25 39	1 59	13 37	1 32	19 8	1 12	19 42	0 34	2 42	2 40	8 37	0 46	13 23	1 47	20 40	17 1	4 57	5 1	25 17			n.a.
M 4	22 19	19 50	2 51	25 36	1 55	14 2	1 30	18 55	1 11	19 40	0 34	2 42	2 40	8 36	0 46	13 23	1 47	20 41	17 2	4 59	5 2	25 16			n.a.
T 5	22 27	14 12	1 45	25 32	1 50	14 27	1 28	18 41	1 10	19 39	0 33	2 41	2 40	8 36	0 46	13 24	1 47	20 41	17 2	5 0	5 3	25 14			n.a.
W 6	22 35	7 58	0 33	25 25	1 44	14 51	1 26	18 28	1 9	19 37	0 33	2 41	2 39	8 36	0 46	13 24	1 47	20 41	17 3	5 0	5 5	25 12			n.a.
T 7	22 43	1 31	0n38	25 17	1 36	15 15	1 24	18 14	1 8	19 36	0 33	2 41	2 39	8 35	0 46	13 25	1 48	20 42	17 3	5 0	5 6	25 10			n.a.
F 8	22 50	4n52	1 46	25 7	1 28	15 38	1 22	18 0	1 7	19 34	0 33	2 41	2 39	8 35	0 46	13 26	1 48	20 42	17 4	5 0	5 7	25 8			n.a.
S 9	22 57	10 55	2 48	24 55	1 19	16 2	1 20	17 46	1 6	19 33	0 33	2 41	2 38	8 34	0 46	13 26	1 48	20 42	17 4	5 2	5 8	25 6			n.a.
S 10	23 3	16 25	3 39	24 42	1 9	16 24	1 18	17 32	1 5	19 31	0 32	2 41	2 38	8 34	0 46	13 27	1 48	20 43	17 5	5 4	5 10	25 5			n.a.
M11	23 9	21 8	4 19	24 28	0 58	16 47	1 16	17 18	1 4	19 30	0 32	2 41	2 38	8 34	0 46	13 27	1 48	20 43	17 6	5 8	5 11	25 3			n.a.
T 12	23 14	24 50	4 45	24 13	0 45	17 9	1 14	17 4	1 4	19 28	0 32	2 41	2 38	8 33	0 46	13 28	1 48	20 43	17 6	5 12	5 12	25 1			n.a.
W13	23 19	27 20	4 58	23 56	0 32	17 30	1 12	16 49	1 3	19 27	0 32	2 41	2 37	8 33	0 45	13 28	1 48	20 44	17 7	5 18	5 13	24 59			n.a.
T 14	23 23	28 29	4 57	23 39	0 17	17 51	1 9	16 34	1 2	19 25	0 32	2 41	2 37	8 32	0 45	13 29	1 48	20 44	17 7	5 24	5 15	24 57			n.a.
F 15	23 27	28 16	4 42	23 21	0 2	18 11	1 7	16 19	1 1	19 24	0 31	2 41	2 37	8 32	0 45	13 29	1 48	20 45	17 8	5 29	5 16	24 55			n.a.
S 16	23 31	26 43	4 15	23 2	0n15	18 32	1 5	16 4	1 0	19 23	0 31	2 41	2 36	8 31	0 45	13 30	1 48	20 45	17 9	5 34	5 17	24 53			n.a.
S 17	23 34	23 58	3 37	22 44	0 33	18 51	1 2	15 49	0 59	19 21	0 31	2 42	2 36	8 31	0 45	13 30	1 48	20 45	17 9	5 39	5 18	24 51			n.a.
M18	23 36	20 14	2 50	22 26	0 51	19 10	1 0	15 34	0 58	19 20	0 31	2 42	2 36	8 30	0 45	13 31	1 48	20 46	17 10	5 41	5 20	24 50			n.a.
T 19	23 38	15 43	1 55	22 8	1 10	19 29	0 57	15 19	0 57	19 19	0 31	2 42	2 35	8 30	0 45	13 31	1 48	20 46	17 10	5 43	5 21	24 48			n.a.
W20	23 40	10 34	0 55	21 51	1 29	19 47	0 55	15 3	0 56	19 18	0 30	2 43	2 35	8 29	0 45	13 32	1 48	20 47	17 11	5 44	5 22	24 46			n.a.
T 21	23 41	4 59	0 s 8	21 35	1 48	20 4	0 52	14 48	0 55	19 16	0 30	2 43	2 35	8 28	0 45	13 32	1 48	20 47	17 12	5 44	5 23	24 44			n.a.
F 22	23 42	0 s54	1 13	21 19	2 7	20 21	0 50	14 32	0 54	19 15	0 30	2 44	2 34	8 28	0 45	13 33	1 48	20 48	17 12	5 44	5 25	24 42			n.a.
S 23	23 42	6 54	2 15	21 5	2 24	20 37	0 47	14 16	0 53	19 14	0 30	2 44	2 34	8 27	0 45	13 33	1 48	20 48	17 13	5 44	5 26	24 40			n.a.
S 24	23 42	12 48	3 13	20 52	2 41	20 53	0 45	14 0	0 52	19 13	0 30	2 45	2 34	8 26	0 45	13 34	1 48	20 49	17 13	5 45	5 27	24 38			n.a.
M25	23 41	18 19	4 2	20 40	2 55	21 8	0 42	13 44	0 51	19 12	0 29	2 46	2 34	8 26	0 45	13 34	1 48	20 50	17 14	5 47	5 28	24 36			n.a.
T 26	23 39	23 5	4 39	20 30	3 8	21 22	0 40	13 28	0 50	19 11	0 29	2 46	2 33	8 25	0 45	13 35	1 48	20 50	17 14	5 50	5 30	24 34			n.a.
W27	23 38	26 38	4 59	20 22	3 18	21 36	0 37	13 12	0 50	19 10	0 29	2 47	2 33	8 24	0 45	13 35	1 48	20 51	17 15	5 54	5 31	24 32			n.a.
T 28	23 35	28 26	5 0	20 15	3 26	21 49	0 34	12 55	0 49	19 9	0 29	2 48	2 33	8 24	0 45	13 36	1 48	20 51	17 16	5 58	5 32	24 30			n.a.
F 29	23 33	28 10	4 40	20 10	3 32	22 2	0 32	12 39	0 48	19 8	0 29	2 49	2 32	8 23	0 45	13 36	1 48	20 52	17 16	6 2	5 33	24 28			n.a.
S 30	23 30	25 46	4 0	20 7	3 35	22 14	0 29	12 23	0 47	19 7	0 28	2 49	2 32	8 22	0 45	13 37	1 48	20 53	17 17	6 6	5 35	24 26			n.a.
S 31	23 s26	21 s33	3 s 3	20 s 5	3 n36	22 s25	0 n27	12 s 6	0 s46	19 n 6	0 s28	2 n50	2 s32	8 s21	0 s45	13 s37	1 n48	20 n53	17 n17	6 s 9	5 s36	24 n24			n.a.

Julian Day Number = 1719931.5, Delta T = 02h56m28s
Ecliptic obliquity = 23°41'52, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°07'04, Lahiri = - 4°00'04 Julian Calendar 1 Dec. 5 BCE == Greg. Calendar 29 Nov. 005 BCE

The year -04 astronomical counting style corresponds to year 005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4 BCE
geocentric

JANUARY 4 BCE (-3) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 33 23	9♉21'25	22♒21	27°R 8	16♐24	1♓19	26°R21	12♈58	10♓39	11♏10	17°R17	14°R29	15♓54	28♋35	n.a.	M 1
T 2	6 37 19	10°22'23	6♓54	26♐21	17°39	2° 3	26♉17	13° 0	10°41	11°11	17♍17	14♓27	15°51	28°42	n.a.	T 2
W 3	6 41 16	11°23'19	21° 3	25°43	18°54	2°48	26°13	13° 2	10°43	11°13	17°17	14°D27	15°48	28°48	n.a.	W 3
T 4	6 45 12	12°24'14	4♈46	25°13	20° 8	3°32	26°10	13° 4	10°45	11°14	17°16	14°27	15°44	28°55	n.a.	T 4
F 5	6 49 9	13°25'08	18° 5	24°52	21°23	4°16	26° 6	13° 6	10°47	11°15	17°16	14°R27	15°41	29° 2	n.a.	F 5
S 6	6 53 5	14°26'00	1♉ 5	24°40	22°38	5° 0	26° 3	13° 8	10°50	11°16	17°15	14°26	15°38	29° 9	n.a.	S 6
S 7	6 57 2	15°26'50	13°47	24°D35	23°53	5°44	26° 0	13°11	10°52	11°18	17°15	14°22	15°35	29°15	n.a.	S 7
M 8	7 0 58	16°27'39	26°15	24°38	25° 7	6°27	25°57	13°13	10°54	11°19	17°14	14°16	15°32	29°22	n.a.	M 8
T 9	7 4 55	17°28'26	8♊32	24°48	26°22	7°11	25°54	13°16	10°56	11°20	17°14	14° 7	15°29	29°29	n.a.	T 9
W10	7 8 52	18°29'12	20°40	25° 4	27°37	7°55	25°52	13°18	10°59	11°21	17°13	13°57	15°25	29°35	n.a.	W10
T 11	7 12 48	19°29'56	2♋42	25°26	28°52	8°39	25°49	13°21	11° 1	11°22	17°12	13°46	15°22	29°42	n.a.	T 11
F 12	7 16 45	20°30'39	14°38	25°55	0♉ 6	9°23	25°47	13°24	11° 4	11°23	17°12	13°35	15°19	29°49	n.a.	F 12
S 13	7 20 41	21°31'20	26°31	26°28	1°21	10° 6	25°45	13°27	11° 6	11°24	17°11	13°25	15°16	29°55	n.a.	S 13
S 14	7 24 38	22°31'59	8♌21	27° 6	2°36	10°50	25°43	13°30	11° 9	11°25	17°10	13°18	15°13	0♌ 2	n.a.	S 14
M15	7 28 34	23°32'38	20°10	27°48	3°51	11°34	25°42	13°33	11°11	11°26	17° 9	13°12	15°10	0° 9	n.a.	M15
T 16	7 32 31	24°33'14	2♍ 1	28°35	5° 5	12°17	25°41	13°36	11°14	11°27	17° 8	13° 9	15° 6	0°15	n.a.	T 16
W17	7 36 28	25°33'49	13°57	29°25	6°20	13° 1	25°39	13°40	11°16	11°28	17° 8	13°D 9	15° 3	0°22	n.a.	W17
T 18	7 40 24	26°34'23	26° 1	0♉18	7°35	13°45	25°38	13°43	11°19	11°29	17° 7	13° 9	15° 0	0°29	n.a.	T 18
F 19	7 44 21	27°34'55	8♎17	1°14	8°49	14°28	25°38	13°47	11°22	11°30	17° 6	13°11	14°57	0°35	n.a.	F 19
S 20	7 48 17	28°35'26	20°51	2°14	10° 4	15°12	25°37	13°50	11°24	11°31	17° 5	13°12	14°54	0°42	n.a.	S 20
S 21	7 52 14	29°35'56	3♏47	3°16	11°19	15°55	25°37	13°54	11°27	11°32	17° 4	13°R12	14°50	0°49	n.a.	S 21
M22	7 56 10	0♒36'24	17° 8	4°20	12°33	16°38	25°D37	13°58	11°30	11°33	17° 3	13°11	14°47	0°56	n.a.	M22
T 23	8 0 7	1°36'50	0♐57	5°27	13°48	17°22	25°37	14° 2	11°32	11°33	17° 2	13° 8	14°44	1° 2	n.a.	T 23
W24	8 4 3	2°37'16	15°15	6°35	15° 3	18° 5	25°37	14° 6	11°35	11°34	17° 1	13° 3	14°41	1° 9	n.a.	W24
T 25	8 8 0	3°37'39	29°59	7°46	16°18	18°48	25°38	14°10	11°38	11°35	17° 0	12°57	14°38	1°16	n.a.	T 25
F 26	8 11 57	4°38'02	15♑ 3	8°59	17°32	19°32	25°38	14°14	11°41	11°35	16°59	12°51	14°35	1°22	n.a.	F 26
S 27	8 15 53	5°38'22	0♒19	10°13	18°47	20°15	25°39	14°19	11°44	11°36	16°58	12°45	14°31	1°29	n.a.	S 27
S 28	8 19 50	6°38'41	15°35	11°29	20° 2	20°58	25°40	14°23	11°47	11°37	16°56	12°41	14°28	1°36	n.a.	S 28
M29	8 23 46	7°38'57	0♓41	12°47	21°16	21°41	25°42	14°28	11°50	11°37	16°55	12°39	14°25	1°42	n.a.	M29
T 30	8 27 43	8°39'12	15°29	14° 6	22°31	22°25	25°43	14°32	11°53	11°38	16°54	12°D39	14°22	1°49	n.a.	T 30
W31	8 31 39	9♒39'24	29♓52	15♑27	23♑45	23♓ 8	25♉45	14♈37	11♓56	11♏38	16♍53	12♓40	14♓19	1♌56	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23s22	16s 1	1s55	20s 5	3n35	22s36	0n24	11s49	0s45	19n 6	0s28	2n51	2s31	8s21	0s45	13s37	1n48	20n54	17n18	6s10	5s37	24n22			n.a.
T 2	23 17	9 41	0 40	20 7	3 31	22 46	0 21	11 32	0 44	19 5	0 28	2 52	2 31	8 20	0 45	13 38	1 49	20 55	17 19	6 11	5 38	24 20			n.a.
W 3	23 12	3 3	0n35	20 11	3 27	22 55	0 19	11 16	0 43	19 4	0 28	2 53	2 31	8 19	0 45	13 38	1 49	20 55	17 19	6 11	5 40	24 18			n.a.
T 4	23 7	3n32	1 46	20 17	3 20	23 4	0 16	10 59	0 42	19 3	0 27	2 54	2 30	8 18	0 45	13 38	1 49	20 56	17 20	6 11	5 41	24 16			n.a.
F 5	23 1	9 46	2 49	20 23	3 13	23 12	0 13	10 42	0 41	19 3	0 27	2 55	2 30	8 17	0 45	13 39	1 49	20 57	17 20	6 11	5 42	24 14			n.a.
S 6	22 54	15 26	3 42	20 31	3 4	23 19	0 11	10 25	0 41	19 2	0 27	2 57	2 30	8 16	0 45	13 39	1 49	20 57	17 21	6 12	5 43	24 12			n.a.
S 7	22 48	20 19	4 23	20 40	2 55	23 25	0 8	10 7	0 40	19 2	0 27	2 58	2 30	8 15	0 45	13 39	1 49	20 58	17 21	6 13	5 45	24 10			n.a.
M 8	22 40	24 13	4 50	20 50	2 45	23 31	0 5	9 50	0 39	19 1	0 27	2 59	2 29	8 15	0 45	13 40	1 49	20 59	17 22	6 16	5 46	24 8			n.a.
T 9	22 33	26 57	5 3	21 1	2 35	23 36	0 3	9 33	0 38	19 1	0 26	3 0	2 29	8 14	0 45	13 40	1 49	20 59	17 22	6 19	5 47	24 6			n.a.
W10	22 24	28 24	5 2	21 12	2 24	23 40	0 0	9 16	0 37	19 0	0 26	3 2	2 29	8 13	0 44	13 40	1 49	21 0	17 23	6 23	5 48	24 4			n.a.
T 11	22 16	28 28	4 48	21 24	2 13	23 44	0s 2	8 58	0 36	19 0	0 26	3 3	2 28	8 12	0 44	13 41	1 49	21 1	17 23	6 27	5 50	24 2			n.a.
F 12	22 7	27 13	4 22	21 36	2 2	23 47	0 5	8 41	0 35	19 0	0 26	3 4	2 28	8 11	0 44	13 41	1 49	21 2	17 24	6 31	5 51	24 0			n.a.
S 13	21 57	24 44	3 44	21 48	1 51	23 49	0 8	8 23	0 34	19 0	0 25	3 6	2 28	8 10	0 44	13 41	1 49	21 2	17 24	6 35	5 52	23 58			n.a.
S 14	21 47	21 12	2 56	22 0	1 40	23 51	0 10	8 6	0 34	18 59	0 25	3 7	2 27	8 9	0 44	13 42	1 49	21 3	17 25	6 38	5 53	23 56			n.a.
M15	21 37	16 49	2 1	22 11	1 29	23 51	0 13	7 48	0 33	18 59	0 25	3 9	2 27	8 8	0 44	13 42	1 49	21 4	17 25	6 40	5 55	23 54			n.a.
T 16	21 27	11 48	1 0	22 23	1 18	23 51	0 15	7 31	0 32	18 59	0 25	3 10	2 27	8 7	0 44	13 42	1 49	21 5	17 26	6 41	5 56	23 52			n.a.
W17	21 15	6 19	0s 4	22 34	1 8	23 50	0 18	7 13	0 31	18 59	0 25	3 12	2 27	8 6	0 44	13 42	1 49	21 6	17 26	6 42	5 57	23 49			n.a.
T 18	21 4	0 33	1 9	22 45	0 57	23 49	0 20	6 55	0 30	18 59	0 24	3 14	2 26	8 5	0 44	13 43	1 49	21 6	17 27	6 41	5 58	23 47			n.a.
F 19	20 52	5s20	2 12	22 55	0 47	23 47	0 23	6 38	0 29	18 59	0 24	3 15	2 26	8 4	0 44	13 43	1 49	21 7	17 27	6 41	5 59	23 45			n.a.
S 20	20 40	11 9	3 10	23 4	0 36	23 44	0 25	6 20	0 28	18 59	0 24	3 17	2 26	8 3	0 44	13 43	1 49	21 8	17 28	6 40	6 1	23 43			n.a.
S 21	20 27	16 40	4 0	23 13	0 26	23 40	0 27	6 2	0 28	18 59	0 24	3 19	2 25	8 2	0 44	13 43	1 50	21 9	17 28	6 40	6 2	23 41			n.a.
M22	20 14	21 35	4 39	23 21	0 17	23 36	0 30	5 44	0 27	18 59	0 24	3 20	2 25	8 0	0 44	13 43	1 50	21 10	17 29	6 41	6 3	23 39			n.a.
T 23	20 1	25 30	5 3	23 28	0 7	23 30	0 32	5 26	0 26	19 0	0 23	3 22	2 25	7 59	0 44	13 44	1 50	21 10	17 29	6 42	6 4	23 37			n.a.
W24	19 47	28 0	5 10	23 34	0s 2	23 25	0 34	5 9	0 25	19 0	0 23	3 24	2 25	7 58	0 44	13 44	1 50	21 11	17 30	6 44	6 6	23 35			n.a.
T 25	19 33	28 38	4 57	23 39	0 11	23 18	0 37	4 51	0 24	19 0	0 23	3 26	2 24	7 57	0 44	13 44	1 50	21 12	17 30	6 46	6 7	23 33			n.a.
F 26	19 19	27 11	4 23	23 43	0 20	23 11	0 39	4 33	0 23	19 0	0 23	3 28	2 24	7 56	0 44	13 44	1 50	21 13	17 31	6 48	6 8	23 30			n.a.
S 27	19 4	23 43	3 30	23 46	0 29	23 3	0 41	4 15	0 23	19 1	0 23	3 30	2 24	7 55	0 44	13 44	1 50	21 14	17 31	6 51	6 9	23 28			n.a.
S 28	18 49	18 36	2 22	23 48	0 37	22 54	0 43	3 57	0 22	19 1	0 22	3 32	2 24	7 54	0 44	13 44	1 50	21 15	17 31	6 52	6 11	23 26			n.a.
M29	18 33	12 21	1 5	23 49	0 45	22 45	0 45	3 39	0 21	19 2	0 22	3 34	2 23	7 53	0 44	13 44	1 50	21 15	17 32	6 53	6 12	23 24			n.a.
T 30	18 18	5 33	0n16	23 48	0 52	22 34	0 47	3 21	0 20	19 2	0 22	3 36	2 23	7 51	0 44	13 44	1 50	21 16	17 32	6 53	6 13	23 22			n.a.
W31	18s 1	1n22	1n33	23s47	0s59	22s24	0s49	3s 3	0s19	19n 3	0s22	3n38	2s23	7s50	0s44	13s45	1n50	21n17	17n33	6s53	6s14	23n20			n.a.

Julian Day Number = 1719962.5, Delta T = 02h56m28s
Ecliptic obliquity = 23°41'52, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°07'00, Lahiri = - 4°00'00 Julian Calendar 1 Jan. 4 BCE == Greg. Calendar 30 Dec. 005 BCE

The year -03 astronomical counting style corresponds to year 004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4 BCE
geocentric

FEBRUARY 4 BCE (-3) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 35 36	10♒39'34	13♈49	16♉49	25♉ 0	23♓51	25♉46	14♈42	11♓59	11♏38	16°R52	12♓41	14♓16	2♌ 2	n.a.	T 1
F 2	8 39 32	11°39'42	27°18	18°13	26°15	24°34	25°49	14°47	12° 2	11°39	16♍50	12°43	14°12	2° 9	n.a.	F 2
S 3	8 43 29	12°39'48	10♉23	19°38	27°29	25°17	25°51	14°51	12° 5	11°39	16°49	12°R43	14° 9	2°16	n.a.	S 3
S 4	8 47 26	13°39'51	23° 6	21° 4	28°44	26° 0	25°53	14°56	12° 8	11°40	16°48	12°43	14° 6	2°22	n.a.	S 4
M 5	8 51 22	14°39'53	5♊31	22°31	29°58	26°42	25°56	15° 2	12°11	11°40	16°46	12°41	14° 3	2°29	n.a.	M 5
T 6	8 55 19	15°39'52	17°42	24° 0	1♒13	27°25	25°59	15° 7	12°14	11°40	16°45	12°38	14° 0	2°36	n.a.	T 6
W 7	8 59 15	16°39'49	29°43	25°29	2°28	28° 8	26° 2	15°12	12°17	11°40	16°44	12°34	13°56	2°42	n.a.	W 7
T 8	9 3 12	17°39'43	11♋38	27° 0	3°42	28°51	26° 5	15°17	12°21	11°41	16°42	12°30	13°53	2°49	n.a.	T 8
F 9	9 7 8	18°39'36	23°29	28°33	4°57	29°34	26° 8	15°23	12°24	11°41	16°41	12°25	13°50	2°56	n.a.	F 9
S 10	9 11 5	19°39'26	5♌18	0♒ 6	6°11	0♈16	26°12	15°28	12°27	11°41	16°39	12°22	13°47	3° 2	n.a.	S 10
S 11	9 15 1	20°39'14	17° 9	1°41	7°26	0°59	26°16	15°34	12°30	11°41	16°38	12°19	13°44	3° 9	n.a.	S 11
M12	9 18 58	21°39'00	29° 2	3°16	8°40	1°41	26°19	15°39	12°34	11°41	16°37	12°17	13°41	3°16	n.a.	M12
T 13	9 22 55	22°38'44	11♍ 0	4°53	9°55	2°24	26°24	15°45	12°37	11°41	16°35	12°D16	13°37	3°22	n.a.	T 13
W14	9 26 51	23°38'26	23° 4	6°31	11° 9	3° 6	26°28	15°51	12°40	11°R41	16°34	12°17	13°34	3°29	n.a.	W14
T 15	9 30 48	24°38'06	5♎18	8°11	12°24	3°49	26°32	15°56	12°43	11°41	16°32	12°18	13°31	3°36	n.a.	T 15
F 16	9 34 44	25°37'44	17°44	9°51	13°38	4°31	26°37	16° 2	12°47	11°41	16°31	12°19	13°28	3°43	n.a.	F 16
S 17	9 38 41	26°37'20	0♏24	11°33	14°52	5°14	26°42	16° 8	12°50	11°41	16°29	12°21	13°25	3°49	n.a.	S 17
S 18	9 42 37	27°36'54	13°22	13°16	16° 7	5°56	26°47	16°14	12°53	11°41	16°27	12°22	13°22	3°56	n.a.	S 18
M19	9 46 34	28°36'27	26°40	15° 1	17°21	6°38	26°52	16°20	12°57	11°41	16°26	12°R22	13°18	4° 3	n.a.	M19
T 20	9 50 30	29°35'57	10♐21	16°46	18°36	7°21	26°57	16°26	13° 0	11°40	16°24	12°22	13°15	4° 9	n.a.	T 20
W21	9 54 27	0♓35'26	24°26	18°33	19°50	8° 3	27° 2	16°33	13° 3	11°40	16°23	12°21	13°12	4°16	n.a.	W21
T 22	9 58 23	1°34'53	8♉52	20°21	21° 5	8°45	27° 8	16°39	13° 7	11°40	16°21	12°20	13° 9	4°23	n.a.	T 22
F 23	10 2 20	2°34'19	23°38	22°10	22°19	9°27	27°14	16°45	13°10	11°40	16°20	12°19	13° 6	4°29	n.a.	F 23
S 24	10 6 17	3°33'42	8♒36	24° 1	23°33	10° 9	27°20	16°52	13°13	11°39	16°18	12°18	13° 2	4°36	n.a.	S 24
S 25	10 10 13	4°33'03	23°40	25°53	24°48	10°51	27°26	16°58	13°17	11°39	16°16	12°17	12°59	4°43	n.a.	S 25
M26	10 14 10	5°32'22	8♓41	27°46	26° 2	11°33	27°32	17° 5	13°20	11°39	16°15	12°D17	12°56	4°49	n.a.	M26
T 27	10 18 6	6°31'39	23°29	29°41	27°17	12°15	27°38	17°11	13°24	11°38	16°13	12°17	12°53	4°56	n.a.	T 27
W28	10 22 3	7♓30'54	7♈58	1♓37	28♒31	12♈57	27♉45	17♈18	13♓27	11♏38	16♍11	12♓17	12♓50	5♌ 3	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s45	8n 0	2n42	23s43	1s 6	22s12	0s51	2s45	0s19	19n 4	0s22	3n40	2s23	7s49	0s44	13s45	1n50	21n18	17n33	6s52	6s16	23n17		n.a.
F 2	17 28	14 2	3 40	23 39	1 13	22 0	0 53	2 27	0 18	19 4	0 21	3 42	2 22	7 48	0 44	13 45	1 50	21 19	17 33	6 52	6 17	23 15		n.a.
S 3	17 11	19 16	4 25	23 33	1 19	21 47	0 55	2 9	0 17	19 5	0 21	3 44	2 22	7 47	0 44	13 45	1 50	21 20	17 34	6 51	6 18	23 13		n.a.
S 4	16 54	23 30	4 55	23 26	1 25	21 34	0 57	1 51	0 16	19 6	0 21	3 46	2 22	7 45	0 44	13 45	1 50	21 20	17 34	6 52	6 19	23 11		n.a.
M 5	16 37	26 33	5 11	23 17	1 31	21 20	0 59	1 33	0 15	19 7	0 21	3 48	2 22	7 44	0 44	13 45	1 50	21 21	17 34	6 52	6 21	23 9		n.a.
T 6	16 19	28 18	5 12	23 7	1 36	21 5	1 1	1 16	0 15	19 7	0 21	3 51	2 21	7 43	0 44	13 45	1 50	21 22	17 35	6 53	6 22	23 6		n.a.
W 7	16 1	28 41	5 0	22 56	1 41	20 50	1 2	0 58	0 14	19 8	0 20	3 53	2 21	7 42	0 44	13 45	1 51	21 23	17 35	6 55	6 23	23 4		n.a.
T 8	15 42	27 44	4 34	22 43	1 46	20 34	1 4	0 40	0 13	19 9	0 20	3 55	2 21	7 40	0 44	13 45	1 51	21 24	17 35	6 57	6 24	23 2		n.a.
F 9	15 24	25 31	3 57	22 28	1 50	20 18	1 6	0 22	0 12	19 10	0 20	3 58	2 21	7 39	0 44	13 45	1 51	21 25	17 36	6 58	6 25	23 0		n.a.
S 10	15 5	22 13	3 10	22 12	1 54	20 1	1 7	0 4	0 12	19 11	0 20	4 0	2 20	7 38	0 44	13 45	1 51	21 26	17 36	7 0	6 27	22 57		n.a.
S 11	14 46	17 59	2 14	21 54	1 57	19 43	1 9	0n14	0 11	19 12	0 20	4 2	2 20	7 37	0 44	13 45	1 51	21 26	17 36	7 1	6 28	22 55		n.a.
M12	14 26	13 4	1 12	21 35	2 0	19 25	1 10	0 32	0 10	19 14	0 19	4 5	2 20	7 35	0 44	13 45	1 51	21 27	17 37	7 1	6 29	22 53		n.a.
T 13	14 7	7 38	0 7	21 14	2 3	19 6	1 11	0 49	0 9	19 15	0 19	4 7	2 20	7 34	0 44	13 45	1 51	21 28	17 37	7 2	6 30	22 51		n.a.
W14	13 47	1 52	0s59	20 51	2 5	18 47	1 13	1 7	0 9	19 16	0 19	4 9	2 20	7 33	0 44	13 45	1 51	21 29	17 37	7 2	6 32	22 48		n.a.
T 15	13 27	4s 1	2 4	20 27	2 7	18 27	1 14	1 25	0 8	19 17	0 19	4 12	2 19	7 32	0 44	13 45	1 51	21 30	17 37	7 1	6 33	22 46		n.a.
F 16	13 7	9 51	3 4	20 1	2 8	18 7	1 15	1 43	0 7	19 18	0 19	4 14	2 19	7 30	0 44	13 45	1 51	21 31	17 38	7 1	6 34	22 44		n.a.
S 17	12 46	15 24	3 56	19 34	2 9	17 46	1 16	2 0	0 6	19 20	0 19	4 17	2 19	7 29	0 44	13 44	1 51	21 31	17 38	7 0	6 35	22 42		n.a.
S 18	12 26	20 25	4 37	19 5	2 10	17 24	1 17	2 18	0 6	19 21	0 18	4 19	2 19	7 28	0 44	13 44	1 51	21 32	17 38	7 0	6 37	22 39		n.a.
M19	12 5	24 34	5 5	18 34	2 10	17 2	1 18	2 35	0 5	19 22	0 18	4 22	2 18	7 26	0 44	13 44	1 51	21 33	17 38	7 0	6 38	22 37		n.a.
T 20	11 44	27 28	5 17	18 2	2 9	16 40	1 19	2 53	0 4	19 24	0 18	4 24	2 18	7 25	0 44	13 44	1 51	21 34	17 39	7 0	6 39	22 35		n.a.
W21	11 23	28 44	5 10	17 27	2 8	16 17	1 20	3 10	0 3	19 25	0 18	4 27	2 18	7 24	0 44	13 44	1 51	21 35	17 39	7 0	6 40	22 33		n.a.
T 22	11 2	28 7	4 44	16 52	2 7	15 54	1 21	3 28	0 3	19 27	0 18	4 30	2 18	7 22	0 44	13 44	1 51	21 36	17 39	7 0	6 41	22 30		n.a.
F 23	10 40	25 31	3 58	16 14	2 5	15 31	1 22	3 45	0 2	19 28	0 17	4 32	2 18	7 21	0 44	13 44	1 51	21 36	17 39	7 1	6 43	22 28		n.a.
S 24	10 19	21 8	2 56	15 35	2 2	15 6	1 22	4 3	0 1	19 30	0 17	4 35	2 17	7 20	0 44	13 44	1 52	21 37	17 39	7 1	6 44	22 26		n.a.
S 25	9 57	15 22	1 41	14 54	1 59	14 42	1 23	4 20	0 1	19 31	0 17	4 38	2 17	7 19	0 44	13 43	1 52	21 38	17 39	7 2	6 45	22 23		n.a.
M26	9 35	8 43	0 20	14 11	1 56	14 17	1 24	4 37	0n 0	19 33	0 17	4 40	2 17	7 17	0 44	13 43	1 52	21 39	17 40	7 2	6 46	22 21		n.a.
T 27	9 13	1 40	1n 2	13 27	1 52	13 52	1 24	4 55	0 1	19 34	0 17	4 43	2 17	7 16	0 44	13 43	1 52	21 39	17 40	7 2	6 48	22 19		n.a.
W28	8s51	5n18	2n18	12s41	1s47	13s26	1s25	5n12	0n 2	19n36	0s17	4n46	2s17	7s15	0s44	13s43	1n52	21n40	17n40	7s 1	6s49	22n16		n.a.

Julian Day Number = 1719993.5, Delta T = 02h56m27s
Ecliptic obliquity = 23°41'52, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°06'56, Lahiri = - 3°59'56 Julian Calendar 1 Feb. 4 BCE == Greg. Calendar 30 Jan. 004 BCE

The year -03 astronomical counting style corresponds to year 004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4 BCE
geocentric

MARCH 4 BCE (-3) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 25 59	8♓30'06	22♈ 3	3♓34	29♒45	13♈39	27♉52	17♈24	13♓31	11°R37	16°R10	12♓17	12♓47	5♌ 9	n.a.	T 1
F 2	10 29 56	9°29'16	5♉41	5°32	1♓ 0	14°21	27°59	17°31	13°34	11♏37	16♍ 8	12°18	12°43	5°16	n.a.	F 2
S 3	10 33 52	10°28'23	18°54	7°32	2°14	15° 3	28° 6	17°38	13°37	11°36	16° 6	12°18	12°40	5°23	n.a.	S 3
S 4	10 37 49	11°27'29	1♊43	9°32	3°28	15°45	28°13	17°45	13°41	11°36	16° 5	12°18	12°37	5°29	n.a.	S 4
M 5	10 41 46	12°26'32	14°11	11°34	4°42	16°27	28°20	17°51	13°44	11°35	16° 3	12°18	12°34	5°36	n.a.	M 5
T 6	10 45 42	13°25'32	26°23	13°37	5°57	17° 8	28°27	17°58	13°48	11°34	16° 1	12°18	12°31	5°43	n.a.	T 6
W 7	10 49 39	14°24'30	8♋23	15°40	7°11	17°50	28°35	18° 5	13°51	11°34	16° 0	12°18	12°28	5°49	n.a.	W 7
T 8	10 53 35	15°23'26	20°15	17°44	8°25	18°32	28°43	18°12	13°54	11°33	15°58	12°19	12°24	5°56	n.a.	T 8
F 9	10 57 32	16°22'20	2♌ 4	19°49	9°39	19°13	28°51	18°19	13°58	11°32	15°56	12°19	12°21	6° 3	n.a.	F 9
S 10	11 1 28	17°21'11	13°54	21°54	10°54	19°55	28°59	18°26	14° 1	11°32	15°55	12°19	12°18	6° 9	n.a.	S 10
S 11	11 5 25	18°19'59	25°47	23°59	12° 8	20°36	29° 7	18°33	14° 5	11°31	15°53	12°20	12°15	6°16	n.a.	S 11
M12	11 9 21	19°18'46	7♍46	26° 4	13°22	21°18	29°15	18°41	14° 8	11°30	15°51	12°R20	12°12	6°23	n.a.	M12
T 13	11 13 18	20°17'30	19°54	28° 8	14°36	21°59	29°23	18°48	14°12	11°29	15°50	12°20	12° 8	6°29	n.a.	T 13
W14	11 17 15	21°16'13	2♎13	0♈12	15°50	22°40	29°32	18°55	14°15	11°28	15°48	12°20	12° 5	6°36	n.a.	W14
T 15	11 21 11	22°14'53	14°43	2°14	17° 4	23°22	29°40	19° 2	14°18	11°27	15°46	12°19	12° 2	6°43	n.a.	T 15
F 16	11 25 8	23°13'31	27°25	4°15	18°19	24° 3	29°49	19°10	14°22	11°26	15°45	12°17	11°59	6°49	n.a.	F 16
S 17	11 29 4	24°12'08	10♏22	6°15	19°33	24°44	29°58	19°17	14°25	11°25	15°43	12°16	11°56	6°56	n.a.	S 17
S 18	11 33 1	25°10'43	23°33	8°12	20°47	25°26	0♊ 7	19°24	14°29	11°24	15°41	12°14	11°53	7° 3	n.a.	S 18
M19	11 36 57	26° 9'16	6♐59	10° 6	22° 1	26° 7	0°16	19°32	14°32	11°23	15°40	12°13	11°49	7° 9	n.a.	M19
T 20	11 40 54	27° 7'47	20°41	11°58	23°15	26°48	0°25	19°39	14°35	11°22	15°38	12°12	11°46	7°16	n.a.	T 20
W21	11 44 50	28° 6'17	4♑38	13°47	24°29	27°29	0°34	19°46	14°39	11°21	15°36	12°D12	11°43	7°23	n.a.	W21
T 22	11 48 47	29° 4'45	18°50	15°32	25°43	28°10	0°44	19°54	14°42	11°20	15°35	12°13	11°40	7°29	n.a.	T 22
F 23	11 52 43	0♈ 3'12	3♒15	17°14	26°57	28°51	0°53	20° 1	14°45	11°19	15°33	12°14	11°37	7°36	n.a.	F 23
S 24	11 56 40	1° 1'36	17°50	18°52	28°11	29°32	1° 3	20° 9	14°49	11°18	15°32	12°15	11°34	7°43	n.a.	S 24
S 25	12 0 37	1°59'59	2♓29	20°26	29°25	0♉13	1°13	20°17	14°52	11°17	15°30	12°16	11°30	7°49	n.a.	S 25
M26	12 4 33	2°58'20	17° 9	21°56	0♈40	0°54	1°22	20°24	14°55	11°16	15°28	12°R16	11°27	7°56	n.a.	M26
T 27	12 8 30	3°56'39	1♈41	23°21	1°54	1°35	1°32	20°32	14°59	11°15	15°27	12°16	11°24	8° 3	n.a.	T 27
W28	12 12 26	4°54'57	16° 0	24°42	3° 8	2°16	1°42	20°39	15° 2	11°13	15°25	12°13	11°21	8° 9	n.a.	W28
T 29	12 16 23	5°53'12	0♉ 1	25°58	4°22	2°57	1°53	20°47	15° 5	11°12	15°24	12°11	11°18	8°16	n.a.	T 29
F 30	12 20 19	6°51'25	13°40	27°10	5°36	3°37	2° 3	20°55	15° 8	11°11	15°22	12° 7	11°14	8°23	n.a.	F 30
S 31	12 24 16	7♈49'37	26♉56	28♈17	6♈50	4♉18	2♊13	21♈ 2	15♓12	11♏10	15♍21	12♓ 3	11♓11	8♌29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	8s28	11n49	3n23	11s54	1s42	13s 0	1s25	5n29	0n 2	19n38	0s16	4n48	2s17	7s13	0s44	13s43	1n52	21n41	17n40	7s 1	6s50	22n14			n.a.
F 2	8 6	17 34	4 15	11 5	1 37	12 34	1 25	5 46	0 3	19 40	0 16	4 51	2 16	7 12	0 44	13 43	1 52	21 42	17 40	7 1	6 51	22 12			n.a.
S 3	7 43	22 18	4 52	10 14	1 31	12 7	1 26	6 3	0 4	19 41	0 16	4 54	2 16	7 11	0 44	13 42	1 52	21 43	17 40	7 1	6 53	22 9			n.a.
S 4	7 21	25 49	5 12	9 22	1 24	11 40	1 26	6 20	0 4	19 43	0 16	4 57	2 16	7 9	0 44	13 42	1 52	21 43	17 40	7 1	6 54	22 7			n.a.
M 5	6 58	28 0	5 17	8 29	1 16	11 13	1 26	6 37	0 5	19 45	0 16	4 59	2 16	7 8	0 44	13 42	1 52	21 44	17 40	7 1	6 55	22 5			n.a.
T 6	6 35	28 47	5 8	7 34	1 9	10 46	1 26	6 53	0 6	19 47	0 16	5 2	2 16	7 7	0 44	13 42	1 52	21 45	17 40	7 1	6 56	22 2			n.a.
W 7	6 12	28 11	4 45	6 38	1 0	10 18	1 26	7 10	0 6	19 49	0 15	5 5	2 16	7 5	0 44	13 41	1 52	21 45	17 40	7 1	6 57	22 0			n.a.
T 8	5 49	26 17	4 11	5 41	0 51	9 50	1 26	7 27	0 7	19 50	0 15	5 8	2 15	7 4	0 44	13 41	1 52	21 46	17 40	7 1	6 59	21 57			n.a.
F 9	5 26	23 15	3 25	4 43	0 42	9 21	1 26	7 43	0 8	19 52	0 15	5 11	2 15	7 3	0 44	13 41	1 52	21 47	17 40	7 1	7 0	21 55			n.a.
S 10	5 3	19 15	2 31	3 44	0 32	8 53	1 26	8 0	0 8	19 54	0 15	5 13	2 15	7 1	0 44	13 41	1 52	21 48	17 41	7 1	7 1	21 53			n.a.
S 11	4 40	14 29	1 31	2 45	0 22	8 24	1 25	8 16	0 9	19 56	0 15	5 16	2 15	7 0	0 44	13 40	1 52	21 48	17 41	7 0	7 2	21 50			n.a.
M12	4 16	9 8	0 25	1 45	0 12	7 55	1 25	8 32	0 10	19 58	0 15	5 19	2 15	6 59	0 44	13 40	1 52	21 49	17 41	7 0	7 4	21 48			n.a.
T 13	3 53	3 24	0s42	0 46	0 1	7 26	1 25	8 49	0 10	20 0	0 14	5 22	2 15	6 57	0 44	13 40	1 52	21 50	17 41	7 0	7 5	21 45			n.a.
W14	3 30	2s32	1 48	0n14	0n10	6 56	1 24	9 5	0 11	20 2	0 14	5 25	2 15	6 56	0 44	13 39	1 52	21 50	17 40	7 0	7 6	21 43			n.a.
T 15	3 6	8 28	2 50	1 14	0 22	6 27	1 24	9 21	0 12	20 4	0 14	5 28	2 14	6 55	0 44	13 39	1 52	21 51	17 40	7 1	7 7	21 41			n.a.
F 16	2 43	14 9	3 45	2 13	0 33	5 57	1 23	9 37	0 12	20 6	0 14	5 31	2 14	6 53	0 44	13 39	1 53	21 51	17 40	7 1	7 8	21 38			n.a.
S 17	2 20	19 20	4 29	3 11	0 44	5 27	1 23	9 53	0 13	20 8	0 14	5 34	2 14	6 52	0 44	13 38	1 53	21 52	17 40	7 2	7 10	21 36			n.a.
S 18	1 56	23 41	5 0	4 8	0 56	4 57	1 22	10 9	0 13	20 10	0 14	5 36	2 14	6 51	0 44	13 38	1 53	21 53	17 40	7 3	7 11	21 33			n.a.
M19	1 33	26 53	5 15	5 4	1 7	4 27	1 21	10 24	0 14	20 12	0 14	5 39	2 14	6 49	0 44	13 38	1 53	21 53	17 40	7 3	7 12	21 31			n.a.
T 20	1 9	28 34	5 13	5 59	1 18	3 56	1 20	10 40	0 15	20 14	0 13	5 42	2 14	6 48	0 44	13 37	1 53	21 54	17 40	7 3	7 13	21 28			n.a.
W21	0 46	28 29	4 52	6 51	1 29	3 26	1 20	10 56	0 15	20 16	0 13	5 45	2 14	6 47	0 44	13 37	1 53	21 54	17 40	7 3	7 15	21 26			n.a.
T 22	0 22	26 33	4 14	7 42	1 39	2 55	1 19	11 11	0 16	20 19	0 13	5 48	2 14	6 45	0 44	13 37	1 53	21 55	17 40	7 3	7 16	21 24			n.a.
F 23	0n 1	22 52	3 19	8 31	1 49	2 25	1 18	11 26	0 17	20 21	0 13	5 51	2 14	6 44	0 44	13 36	1 53	21 55	17 40	7 3	7 17	21 21			n.a.
S 24	0 25	17 44	2 11	9 18	1 59	1 54	1 17	11 42	0 17	20 23	0 13	5 54	2 13	6 43	0 44	13 36	1 53	21 56	17 40	7 2	7 18	21 19			n.a.
S 25	0 48	11 32	0 54	10 2	2 7	1 23	1 16	11 57	0 18	20 25	0 13	5 57	2 13	6 41	0 44	13 35	1 53	21 57	17 40	7 2	7 19	21 16			n.a.
M26	1 12	4 43	0n27	10 43	2 16	0 52	1 14	12 12	0 18	20 27	0 13	6 0	2 13	6 40	0 44	13 35	1 53	21 57	17 39	7 2	7 21	21 14			n.a.
T 27	1 35	2n17	1 45	11 23	2 23	0 21	1 13	12 27	0 19	20 29	0 12	6 3	2 13	6 39	0 44	13 35	1 53	21 57	17 39	7 2	7 22	21 11			n.a.
W28	1 58	9 3	2 55	11 59	2 30	0n 9	1 12	12 42	0 20	20 32	0 12	6 6	2 13	6 38	0 44	13 34	1 53	21 58	17 39	7 3	7 23	21 9			n.a.
T 29	2 22	15 14	3 53	12 33	2 36	0 40	1 11	12 56	0 20	20 34	0 12	6 9	2 13	6 36	0 44	13 34	1 53	21 58	17 39	7 4	7 24	21 6			n.a.
F 30	2 45	20 30	4 36	13 4	2 41	1 11	1 9	13 11	0 21	20 36	0 12	6 12	2 13	6 35	0 44	13 33	1 53	21 59	17 39	7 5	7 26	21 4			n.a.
S 31	3n 8	24n35	5n 3	13n33	2n45	1n42	1s 8	13n25	0n21	20n38	0s12	6n15	2s13	6s34	0s44	13s33	1n53	21n59	17n38	7s 7	7s27	21n 1			n.a.

Julian Day Number = 1720021.5, Delta T = 02h56m26s
Ecliptic obliquity = 23°41'53, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°06'52, Lahiri = - 3°59'52 Julian Calendar 1 March 4 BCE == Greg. Calendar 27 Feb. 004 BCE

The year -03 astronomical counting style corresponds to year 004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4 BCE
geocentric

APRIL 4 BCE (-3) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 28 12	8♈47'46	9♊48	29♈19	8♈ 4	4♉59	2♊24	21♈10	15♓15	11°R 8	15°R19	12°R 0	11♓ 8	8♌36	n.a.	S 1
M 2	12 32 9	9°45'54	22°20	0♉16	9°17	5°39	2°34	21°18	15°18	11♏ 7	15♍18	11♓57	11° 5	8°43	n.a.	M 2
T 3	12 36 6	10°43'59	4♋34	1° 8	10°31	6°20	2°45	21°26	15°21	11° 6	15°16	11°56	11° 2	8°49	n.a.	T 3
W 4	12 40 2	11°42'03	16°35	1°54	11°45	7° 1	2°55	21°33	15°24	11° 4	15°15	11°D56	10°59	8°56	n.a.	W 4
T 5	12 43 59	12°40'04	28°28	2°36	12°59	7°41	3° 6	21°41	15°28	11° 3	15°13	11°57	10°55	9° 3	n.a.	T 5
F 6	12 47 55	13°38'04	10♌17	3°13	14°13	8°22	3°17	21°49	15°31	11° 2	15°12	11°59	10°52	9° 9	n.a.	F 6
S 7	12 51 52	14°36'01	22° 8	3°44	15°27	9° 2	3°28	21°57	15°34	11° 0	15°10	12° 0	10°49	9°16	n.a.	S 7
S 8	12 55 48	15°33'57	4♍ 4	4°10	16°41	9°43	3°39	22° 4	15°37	10°59	15° 9	12° 2	10°46	9°23	n.a.	S 8
M 9	12 59 45	16°31'50	16°10	4°31	17°55	10°23	3°50	22°12	15°40	10°57	15° 8	12°R 2	10°43	9°29	n.a.	M 9
T 10	13 3 41	17°29'42	28°29	4°47	19° 9	11° 3	4° 1	22°20	15°43	10°56	15° 6	12° 1	10°39	9°36	n.a.	T 10
W11	13 7 38	18°27'32	11♎ 2	4°57	20°23	11°44	4°13	22°28	15°46	10°55	15° 5	11°58	10°36	9°43	n.a.	W11
T 12	13 11 35	19°25'21	23°52	5° 2	21°36	12°24	4°24	22°36	15°49	10°53	15° 4	11°53	10°33	9°49	n.a.	T 12
F 13	13 15 31	20°23'08	6♏56	5°R 2	22°50	13° 4	4°35	22°43	15°52	10°52	15° 2	11°47	10°30	9°56	n.a.	F 13
S 14	13 19 28	21°20'54	20°16	4°58	24° 4	13°45	4°47	22°51	15°55	10°50	15° 1	11°41	10°27	10° 3	n.a.	S 14
S 15	13 23 24	22°18'38	3♐49	4°49	25°18	14°25	4°58	22°59	15°58	10°49	15° 0	11°34	10°24	10° 9	n.a.	S 15
M16	13 27 21	23°16'21	17°34	4°35	26°32	15° 5	5°10	23° 7	16° 1	10°47	14°58	11°29	10°20	10°16	n.a.	M16
T 17	13 31 17	24°14'03	1♑27	4°17	27°45	15°45	5°22	23°15	16° 4	10°46	14°57	11°25	10°17	10°23	n.a.	T 17
W18	13 35 14	25°11'44	15°29	3°55	28°59	16°25	5°34	23°22	16° 6	10°44	14°56	11°23	10°14	10°29	n.a.	W18
T 19	13 39 10	26° 9'23	29°36	3°30	0♉13	17° 5	5°45	23°30	16° 9	10°42	14°55	11°D23	10°11	10°36	n.a.	T 19
F 20	13 43 7	27° 7'02	13♒47	3° 2	1°27	17°45	5°57	23°38	16°12	10°41	14°54	11°24	10° 8	10°43	n.a.	F 20
S 21	13 47 4	28° 4'39	28° 2	2°32	2°40	18°25	6° 9	23°46	16°15	10°39	14°53	11°25	10° 5	10°49	n.a.	S 21
S 22	13 51 0	29° 2'15	12♓17	2° 0	3°54	19° 5	6°21	23°54	16°18	10°38	14°52	11°R25	10° 1	10°56	n.a.	S 22
M23	13 54 57	29°59'51	26°30	1°26	5° 8	19°45	6°33	24° 2	16°20	10°36	14°51	11°24	9°58	11° 3	n.a.	M23
T 24	13 58 53	0♉57'25	10♈37	0°52	6°22	20°25	6°46	24° 9	16°23	10°35	14°49	11°21	9°55	11° 9	n.a.	T 24
W25	14 2 50	1°54'58	24°35	0°18	7°35	21° 5	6°58	24°17	16°26	10°33	14°48	11°16	9°52	11°16	n.a.	W25
T 26	14 6 46	2°52'29	8♉20	29♈44	8°49	21°45	7°10	24°25	16°28	10°31	14°47	11° 9	9°49	11°23	n.a.	T 26
F 27	14 10 43	3°50'00	21°48	29°11	10° 3	22°25	7°22	24°33	16°31	10°30	14°46	11° 0	9°45	11°29	n.a.	F 27
S 28	14 14 39	4°47'29	4♊57	28°39	11°17	23° 5	7°35	24°40	16°33	10°28	14°46	10°51	9°42	11°36	n.a.	S 28
S 29	14 18 36	5°44'58	17°46	28°10	12°30	23°44	7°47	24°48	16°36	10°27	14°45	10°42	9°39	11°43	n.a.	S 29
M30	14 22 33	6♉42'24	0♋16	27♈44	13♉44	24♉24	8♊ 0	24♈56	16♓38	10♏25	14♍44	10♓35	9♓36	11♌49	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3n31	27n20	5n14	13n58	2n49	2n13	1s 6	13n40	0n22	20n40	0s12	6n18	2s13	6s33	0s44	13s32	1n53	22n 0	17n38	7s 8	7s28	20n59		n.a.
M 2	3 55	28 37	5 9	14 21	2 51	2 44	1 5	13 54	0 22	20 43	0 12	6 21	2 13	6 31	0 44	13 32	1 53	22 0	17 38	7 9	7 29	20 56		n.a.
T 3	4 18	28 27	4 50	14 41	2 52	3 14	1 3	14 8	0 23	20 45	0 11	6 24	2 13	6 30	0 44	13 32	1 53	22 0	17 38	7 10	7 30	20 54		n.a.
W 4	4 41	26 56	4 18	14 58	2 53	3 45	1 2	14 22	0 24	20 47	0 11	6 27	2 13	6 29	0 44	13 31	1 53	22 1	17 38	7 10	7 32	20 51		n.a.
T 5	5 3	24 13	3 36	15 12	2 52	4 16	1 0	14 36	0 24	20 49	0 11	6 30	2 12	6 28	0 44	13 31	1 53	22 1	17 37	7 9	7 33	20 49		n.a.
F 6	5 26	20 30	2 45	15 23	2 50	4 46	0 58	14 50	0 25	20 52	0 11	6 33	2 12	6 27	0 44	13 30	1 53	22 2	17 37	7 9	7 34	20 46		n.a.
S 7	5 49	15 58	1 47	15 31	2 47	5 17	0 57	15 4	0 25	20 54	0 11	6 36	2 12	6 25	0 44	13 30	1 53	22 2	17 37	7 8	7 35	20 44		n.a.
S 8	6 11	10 48	0 43	15 36	2 43	5 47	0 55	15 17	0 26	20 56	0 11	6 39	2 12	6 24	0 44	13 29	1 53	22 2	17 37	7 7	7 37	20 41		n.a.
M 9	6 34	5 10	0s23	15 38	2 38	6 17	0 53	15 31	0 26	20 58	0 11	6 42	2 12	6 23	0 44	13 29	1 53	22 2	17 36	7 7	7 38	20 38		n.a.
T 10	6 56	0s45	1 29	15 38	2 31	6 47	0 51	15 44	0 27	21 1	0 11	6 45	2 12	6 22	0 44	13 28	1 53	22 3	17 36	7 8	7 39	20 36		n.a.
W11	7 19	6 44	2 31	15 34	2 24	7 17	0 49	15 57	0 27	21 3	0 10	6 48	2 12	6 21	0 44	13 28	1 53	22 3	17 36	7 9	7 40	20 33		n.a.
T 12	7 41	12 34	3 28	15 28	2 15	7 47	0 47	16 10	0 28	21 5	0 10	6 50	2 12	6 19	0 44	13 27	1 53	22 3	17 35	7 11	7 41	20 31		n.a.
F 13	8 3	17 59	4 15	15 18	2 5	8 16	0 45	16 23	0 28	21 7	0 10	6 53	2 12	6 18	0 44	13 27	1 53	22 4	17 35	7 13	7 43	20 28		n.a.
S 14	8 25	22 38	4 48	15 7	1 54	8 46	0 43	16 36	0 29	21 9	0 10	6 56	2 12	6 17	0 44	13 26	1 53	22 4	17 35	7 15	7 44	20 26		n.a.
S 15	8 47	26 9	5 7	14 52	1 42	9 15	0 41	16 48	0 29	21 12	0 10	6 59	2 12	6 16	0 44	13 26	1 53	22 4	17 34	7 18	7 45	20 23		n.a.
M16	9 8	28 13	5 8	14 35	1 29	9 44	0 39	17 1	0 30	21 14	0 10	7 2	2 12	6 15	0 44	13 25	1 53	22 4	17 34	7 20	7 46	20 21		n.a.
T 17	9 30	28 32	4 51	14 16	1 15	10 13	0 37	17 13	0 30	21 16	0 10	7 5	2 12	6 14	0 44	13 25	1 54	22 4	17 34	7 21	7 47	20 18		n.a.
W18	9 51	27 2	4 17	13 55	1 1	10 41	0 35	17 25	0 31	21 18	0 10	7 8	2 12	6 13	0 44	13 24	1 54	22 4	17 33	7 22	7 49	20 15		n.a.
T 19	10 12	23 49	3 27	13 31	0 45	11 9	0 33	17 37	0 31	21 21	0 9	7 11	2 12	6 12	0 44	13 24	1 54	22 5	17 33	7 22	7 50	20 13		n.a.
F 20	10 33	19 9	2 24	13 7	0 29	11 37	0 31	17 49	0 32	21 23	0 9	7 14	2 12	6 11	0 44	13 23	1 54	22 5	17 33	7 22	7 51	20 10		n.a.
S 21	10 54	13 24	1 12	12 40	0 12	12 5	0 28	18 1	0 33	21 25	0 9	7 17	2 12	6 9	0 44	13 23	1 54	22 5	17 32	7 22	7 52	20 8		n.a.
S 22	11 15	6 57	0n 5	12 13	0s 5	12 33	0 26	18 13	0 33	21 27	0 9	7 20	2 12	6 8	0 44	13 22	1 54	22 5	17 32	7 21	7 54	20 5		n.a.
M23	11 36	0 11	1 20	11 45	0 22	13 0	0 24	18 24	0 33	21 30	0 9	7 23	2 12	6 7	0 44	13 22	1 54	22 5	17 31	7 22	7 55	20 2		n.a.
T 24	11 56	6n33	2 31	11 17	0 39	13 27	0 22	18 35	0 34	21 32	0 9	7 26	2 12	6 6	0 44	13 21	1 54	22 5	17 31	7 23	7 56	20 0		n.a.
W25	12 16	12 53	3 31	10 49	0 56	13 53	0 19	18 47	0 34	21 34	0 9	7 28	2 12	6 5	0 44	13 21	1 54	22 5	17 31	7 25	7 57	19 57		n.a.
T 26	12 36	18 30	4 18	10 21	1 13	14 19	0 17	18 58	0 35	21 36	0 9	7 31	2 12	6 4	0 44	13 20	1 54	22 5	17 30	7 28	7 58	19 55		n.a.
F 27	12 56	23 3	4 49	9 54	1 30	14 45	0 15	19 9	0 35	21 38	0 8	7 34	2 12	6 3	0 44	13 20	1 54	22 5	17 30	7 31	8 0	19 52		n.a.
S 28	13 15	26 20	5 4	9 28	1 46	15 11	0 12	19 19	0 36	21 40	0 8	7 37	2 12	6 2	0 44	13 19	1 54	22 5	17 29	7 35	8 1	19 49		n.a.
S 29	13 35	28 10	5 4	9 4	2 1	15 36	0 10	19 30	0 36	21 43	0 8	7 40	2 12	6 1	0 44	13 19	1 54	22 5	17 29	7 38	8 2	19 47		n.a.
M30	13n54	28n30	4n48	8n41	2s15	16n 1	0s 8	19n40	0n37	21n45	0s 8	7n43	2s12	6s 0	0s44	13s18	1n54	22n 5	17n29	7s41	8s 3	19n44		n.a.

Julian Day Number = 1720052.5, Delta T = 02h56m25s
Ecliptic obliquity = 23°41'52, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°06'48, Lahiri = - 3°59'47 Julian Calendar 1 Apr. 4 BCE == Greg. Calendar 30 March 004 BCE

The year -03 astronomical counting style corresponds to year 004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4 BCE
geocentric

MAY 4 BCE (-3) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 26 29	7♉39'50	12♋30	27°R20	14♉58	25♉ 4	8♊12	25♈ 4	16♓41	10°R23	14°R43	10°R30	9♓33	11♌56	n.a.	T 1
W 2	14 30 26	8°37'14	24°31	27♈ 0	16°11	25°44	8°25	25°11	16°43	10♏22	14♍42	10♓27	9°30	12° 3	n.a.	W 2
T 3	14 34 22	9°34'37	6♌24	26°43	17°25	26°23	8°37	25°19	16°46	10°20	14°41	10°D25	9°26	12° 9	n.a.	T 3
F 4	14 38 19	10°31'59	18°13	26°31	18°39	27° 3	8°50	25°27	16°48	10°18	14°41	10°26	9°23	12°16	n.a.	F 4
S 5	14 42 15	11°29'19	0♍ 5	26°22	19°52	27°42	9° 3	25°34	16°50	10°17	14°40	10°26	9°20	12°23	n.a.	S 5
S 6	14 46 12	12°26'38	12° 3	26°D18	21° 6	28°22	9°15	25°42	16°52	10°15	14°39	10°R27	9°17	12°29	n.a.	S 6
M 7	14 50 8	13°23'56	24°14	26°18	22°19	29° 1	9°28	25°49	16°55	10°14	14°38	10°26	9°14	12°36	n.a.	M 7
T 8	14 54 5	14°21'13	6♎41	26°23	23°33	29°41	9°41	25°57	16°57	10°12	14°38	10°23	9°11	12°43	n.a.	T 8
W 9	14 58 2	15°18'29	19°27	26°32	24°47	0♊20	9°54	26° 5	16°59	10°10	14°37	10°17	9° 7	12°49	n.a.	W 9
T 10	15 1 58	16°15'44	2♏33	26°46	26° 0	1° 0	10° 7	26°12	17° 1	10° 9	14°37	10°10	9° 4	12°56	n.a.	T 10
F 11	15 5 55	17°12'59	15°59	27° 4	27°14	1°39	10°20	26°20	17° 3	10° 7	14°36	10° 0	9° 1	13° 3	n.a.	F 11
S 12	15 9 51	18°10'12	29°44	27°27	28°27	2°19	10°33	26°27	17° 5	10° 6	14°35	9°50	8°58	13° 9	n.a.	S 12
S 13	15 13 48	19° 7'25	13♐43	27°54	29°41	2°58	10°46	26°35	17° 7	10° 4	14°35	9°39	8°55	13°16	n.a.	S 13
M14	15 17 44	20° 4'38	27°53	28°25	0♊54	3°37	10°59	26°42	17° 9	10° 2	14°35	9°30	8°51	13°23	n.a.	M14
T 15	15 21 41	21° 1'50	12♑ 8	29° 1	2° 8	4°17	11°12	26°49	17°11	10° 1	14°34	9°23	8°48	13°29	n.a.	T 15
W16	15 25 37	21°59'02	26°23	29°41	3°22	4°56	11°25	26°57	17°13	9°59	14°34	9°18	8°45	13°36	n.a.	W16
T 17	15 29 34	22°56'13	10♒37	0♉25	4°35	5°35	11°38	27° 4	17°15	9°58	14°33	9°16	8°42	13°43	n.a.	T 17
F 18	15 33 31	23°53'24	24°46	1°13	5°49	6°14	11°51	27°11	17°17	9°56	14°33	9°D16	8°39	13°49	n.a.	F 18
S 19	15 37 27	24°50'35	8♓50	2° 5	7° 2	6°54	12° 4	27°19	17°19	9°54	14°33	9°R16	8°36	13°56	n.a.	S 19
S 20	15 41 24	25°47'45	22°48	3° 0	8°16	7°33	12°18	27°26	17°20	9°53	14°32	9°15	8°32	14° 3	n.a.	S 20
M21	15 45 20	26°44'55	6♈39	4° 0	9°29	8°12	12°31	27°33	17°22	9°51	14°32	9°13	8°29	14° 9	n.a.	M21
T 22	15 49 17	27°42'06	20°21	5° 3	10°43	8°51	12°44	27°40	17°24	9°50	14°32	9° 8	8°26	14°16	n.a.	T 22
W23	15 53 13	28°39'16	3♉55	6°10	11°56	9°30	12°57	27°47	17°25	9°48	14°32	9° 0	8°23	14°23	n.a.	W23
T 24	15 57 10	29°36'25	17°17	7°21	13°10	10° 9	13°11	27°54	17°27	9°47	14°32	8°50	8°20	14°29	n.a.	T 24
F 25	16 1 6	0♊33'35	0♊26	8°35	14°23	10°49	13°24	28° 1	17°28	9°45	14°32	8°38	8°16	14°36	n.a.	F 25
S 26	16 5 3	1°30'44	13°20	9°53	15°37	11°28	13°37	28° 8	17°30	9°44	14°32	8°25	8°13	14°43	n.a.	S 26
S 27	16 9 0	2°27'53	25°59	11°14	16°50	12° 7	13°51	28°15	17°31	9°42	14°32	8°13	8°10	14°49	n.a.	S 27
M28	16 12 56	3°25'02	8♋22	12°38	18° 4	12°46	14° 4	28°22	17°32	9°41	14°D32	8° 3	8° 7	14°56	n.a.	M28
T 29	16 16 53	4°22'11	20°31	14° 6	19°17	13°25	14°18	28°29	17°34	9°39	14°32	7°54	8° 4	15° 3	n.a.	T 29
W30	16 20 49	5°19'19	2♌30	15°37	20°31	14° 4	14°31	28°36	17°35	9°38	14°32	7°49	8° 1	15° 9	n.a.	W30
T 31	16 24 46	6♊16'26	14♌21	17♉12	21♊44	14♊43	14♊44	28♈43	17♓36	9♏37	14♍32	7♓45	7♓57	15♌16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	14n13	27n25	4n20	8n20	2s29	16n25	0s 5	19n50	0n37	21n47	0s 8	7n45	2s12	5s59	0s44	13s18	1n54	22n 5	17n28	7s43	8s 4	19n41			n.a.
W 2	14 32	25 4	3 40	8 1	2 41	16 49	0 3	20 1	0 38	21 49	0 8	7 48	2 12	5 59	0 44	13 17	1 54	22 5	17 28	7 44	8 6	19 39			n.a.
T 3	14 50	21 39	2 52	7 44	2 52	17 12	0 0	20 10	0 38	21 51	0 8	7 51	2 12	5 58	0 44	13 17	1 54	22 5	17 27	7 44	8 7	19 36			n.a.
F 4	15 8	17 22	1 56	7 30	3 3	17 35	0n 2	20 20	0 39	21 53	0 8	7 54	2 12	5 57	0 44	13 16	1 54	22 5	17 27	7 44	8 8	19 33			n.a.
S 5	15 26	12 25	0 55	7 18	3 12	17 58	0 4	20 30	0 39	21 55	0 7	7 57	2 12	5 56	0 44	13 16	1 54	22 4	17 26	7 44	8 9	19 31			n.a.
S 6	15 44	6 59	0s 9	7 9	3 20	18 20	0 7	20 39	0 40	21 57	0 7	7 59	2 12	5 55	0 44	13 15	1 54	22 4	17 26	7 44	8 10	19 28			n.a.
M 7	16 2	1 12	1 13	7 3	3 27	18 42	0 9	20 48	0 40	21 59	0 7	8 2	2 12	5 54	0 44	13 15	1 54	22 4	17 25	7 44	8 12	19 25			n.a.
T 8	16 19	4s45	2 15	6 59	3 33	19 3	0 12	20 58	0 40	22 1	0 7	8 5	2 12	5 53	0 44	13 14	1 54	22 4	17 25	7 45	8 13	19 23			n.a.
W 9	16 36	10 39	3 12	6 58	3 38	19 24	0 14	21 6	0 41	22 4	0 7	8 8	2 12	5 52	0 44	13 14	1 54	22 4	17 24	7 47	8 14	19 20			n.a.
T 10	16 53	16 14	4 0	7 0	3 41	19 44	0 16	21 15	0 41	22 6	0 7	8 10	2 12	5 52	0 44	13 13	1 54	22 4	17 24	7 50	8 15	19 17			n.a.
F 11	17 9	21 12	4 37	7 4	3 44	20 3	0 19	21 24	0 42	22 8	0 7	8 13	2 12	5 51	0 45	13 13	1 54	22 3	17 23	7 54	8 17	19 15			n.a.
S 12	17 26	25 9	4 58	7 11	3 45	20 22	0 21	21 32	0 42	22 10	0 7	8 16	2 12	5 50	0 45	13 12	1 54	22 3	17 23	7 58	8 18	19 12			n.a.
S 13	17 41	27 41	5 2	7 20	3 46	20 41	0 24	21 40	0 43	22 12	0 7	8 18	2 12	5 49	0 45	13 12	1 54	22 3	17 22	8 2	8 19	19 9			n.a.
M14	17 57	28 28	4 47	7 32	3 45	20 59	0 26	21 49	0 43	22 13	0 6	8 21	2 12	5 49	0 45	13 11	1 54	22 3	17 22	8 6	8 20	19 6			n.a.
T 15	18 13	27 22	4 15	7 46	3 44	21 16	0 28	21 56	0 44	22 15	0 6	8 24	2 12	5 48	0 45	13 11	1 53	22 2	17 21	8 8	8 21	19 4			n.a.
W16	18 28	24 29	3 27	8 2	3 41	21 33	0 31	22 4	0 44	22 17	0 6	8 26	2 12	5 47	0 45	13 10	1 53	22 2	17 21	8 10	8 23	19 1			n.a.
T 17	18 42	20 6	2 26	8 20	3 38	21 49	0 33	22 12	0 44	22 19	0 6	8 29	2 13	5 46	0 45	13 10	1 53	22 2	17 20	8 11	8 24	18 58			n.a.
F 18	18 57	14 36	1 16	8 41	3 34	22 5	0 35	22 19	0 45	22 21	0 6	8 31	2 13	5 46	0 45	13 9	1 53	22 1	17 20	8 11	8 25	18 56			n.a.
S 19	19 11	8 23	0 2	9 3	3 30	22 20	0 38	22 26	0 45	22 23	0 6	8 34	2 13	5 45	0 45	13 9	1 53	22 1	17 19	8 11	8 26	18 53			n.a.
S 20	19 25	1 48	1n11	9 27	3 24	22 35	0 40	22 33	0 46	22 25	0 6	8 36	2 13	5 44	0 45	13 9	1 53	22 1	17 19	8 11	8 27	18 50			n.a.
M21	19 38	4n48	2 20	9 53	3 18	22 48	0 42	22 40	0 46	22 27	0 6	8 39	2 13	5 44	0 45	13 8	1 53	22 0	17 18	8 12	8 29	18 47			n.a.
T 22	19 52	11 6	3 19	10 21	3 11	23 1	0 44	22 47	0 46	22 29	0 6	8 41	2 13	5 43	0 45	13 8	1 53	22 0	17 18	8 14	8 30	18 45			n.a.
W23	20 5	16 49	4 7	10 50	3 4	23 14	0 46	22 53	0 47	22 30	0 6	8 44	2 13	5 43	0 45	13 7	1 53	21 59	17 17	8 17	8 31	18 42			n.a.
T 24	20 17	21 38	4 40	11 21	2 56	23 26	0 49	22 59	0 47	22 32	0 5	8 46	2 13	5 42	0 45	13 7	1 53	21 59	17 17	8 21	8 32	18 39			n.a.
F 25	20 29	25 18	4 57	11 53	2 47	23 37	0 51	23 5	0 48	22 34	0 5	8 49	2 13	5 41	0 45	13 6	1 53	21 59	17 16	8 25	8 33	18 36			n.a.
S 26	20 41	27 36	4 59	12 26	2 38	23 47	0 53	23 11	0 48	22 36	0 5	8 51	2 13	5 41	0 45	13 6	1 53	21 58	17 16	8 30	8 35	18 34			n.a.
S 27	20 53	28 24	4 46	13 1	2 28	23 57	0 55	23 17	0 48	22 37	0 5	8 54	2 13	5 40	0 45	13 5	1 53	21 58	17 15	8 35	8 36	18 31			n.a.
M28	21 4	27 45	4 20	13 36	2 18	24 6	0 57	23 23	0 49	22 39	0 5	8 56	2 13	5 40	0 45	13 5	1 53	21 57	17 15	8 39	8 37	18 28			n.a.
T 29	21 15	25 46	3 42	14 13	2 8	24 14	0 59	23 28	0 49	22 41	0 5	8 58	2 14	5 39	0 45	13 4	1 53	21 57	17 14	8 42	8 38	18 25			n.a.
W30	21 25	22 39	2 55	14 50	1 57	24 22	1 1	23 33	0 49	22 43	0 5	9 1	2 14	5 39	0 45	13 4	1 53	21 56	17 13	8 44	8 39	18 23			n.a.
T 31	21n35	18n37	2n 1	15n28	1s46	24n29	1n 3	23n38	0n50	22n44	0s 5	9n 3	2s14	5s38	0s45	13s 4	1n53	21n56	17n13	8s45	8s41	18n20			n.a.

Julian Day Number = 1720082.5, Delta T = 02h56m24s
Ecliptic obliquity = 23°41'52, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°06'44, Lahiri = - 3°59'43 Julian Calendar 1 May 4 BCE == Greg. Calendar 29 Apr. 004 BCE

The year -03 astronomical counting style corresponds to year 004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4 BCE
geocentric

JUNE 4 BCE (-3) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 28 42	7♊13'34	26♌ 9	18♉50	22♊57	15♊22	14♊58	28♈50	17♓38	9°R35	14♍32	7°R44	7♓54	15♌23	n.a.	F 1
S 2	16 32 39	8°10'40	7♍59	20°31	24°11	16° 0	15°11	28°56	17°39	9♏34	14°32	7♓44	7°51	15°29	n.a.	S 2
S 3	16 36 36	9° 7'47	19°58	22°15	25°24	16°39	15°25	29° 3	17°40	9°32	14°32	7°44	7°48	15°36	n.a.	S 3
M 4	16 40 32	10° 4'54	2♎10	24° 3	26°38	17°18	15°38	29° 9	17°41	9°31	14°32	7°43	7°45	15°42	n.a.	M 4
T 5	16 44 29	11° 2'00	14°40	25°53	27°51	17°57	15°52	29°16	17°42	9°30	14°33	7°39	7°42	15°49	n.a.	T 5
W 6	16 48 25	11°59'06	27°32	27°46	29° 5	18°36	16° 5	29°22	17°43	9°29	14°33	7°34	7°38	15°56	n.a.	W 6
T 7	16 52 22	12°56'12	10♏48	29°41	0♋18	19°15	16°19	29°29	17°44	9°27	14°33	7°26	7°35	16° 2	n.a.	T 7
F 8	16 56 18	13°53'18	24°30	1♏40	1°31	19°53	16°32	29°35	17°45	9°26	14°34	7°16	7°32	16° 9	n.a.	F 8
S 9	17 0 15	14°50'24	8♐35	3°40	2°45	20°32	16°46	29°42	17°45	9°25	14°34	7° 4	7°29	16°16	n.a.	S 9
S 10	17 4 11	15°47'31	22°57	5°42	3°58	21°11	16°59	29°48	17°46	9°23	14°35	6°53	7°26	16°22	n.a.	S 10
M11	17 8 8	16°44'37	7♑32	7°47	5°11	21°50	17°13	29°54	17°47	9°22	14°35	6°43	7°22	16°29	n.a.	M11
T 12	17 12 5	17°41'45	22°12	9°52	6°25	22°28	17°26	0♉ 0	17°48	9°21	14°35	6°35	7°19	16°36	n.a.	T 12
W13	17 16 1	18°38'52	6♒49	11°59	7°38	23° 7	17°40	0° 6	17°48	9°20	14°36	6°30	7°16	16°42	n.a.	W13
T 14	17 19 58	19°36'00	21°19	14° 7	8°51	23°46	17°53	0°12	17°49	9°19	14°37	6°28	7°13	16°49	n.a.	T 14
F 15	17 23 54	20°33'09	5♓37	16°16	10° 5	24°24	18° 7	0°18	17°49	9°18	14°37	6°D27	7°10	16°56	n.a.	F 15
S 16	17 27 51	21°30'18	19°41	18°24	11°18	25° 3	18°20	0°24	17°50	9°17	14°38	6°R28	7° 7	17° 2	n.a.	S 16
S 17	17 31 47	22°27'29	3♈32	20°33	12°31	25°42	18°33	0°30	17°50	9°15	14°38	6°27	7° 3	17° 9	n.a.	S 17
M18	17 35 44	23°24'40	17°10	22°42	13°45	26°20	18°47	0°36	17°51	9°14	14°39	6°25	7° 0	17°16	n.a.	M18
T 19	17 39 40	24°21'51	0♉35	24°50	14°58	26°59	19° 0	0°42	17°51	9°13	14°40	6°21	6°57	17°22	n.a.	T 19
W20	17 43 37	25°19'04	13°47	26°57	16°11	27°38	19°14	0°47	17°51	9°12	14°41	6°14	6°54	17°29	n.a.	W20
T 21	17 47 34	26°16'17	26°47	29° 4	17°24	28°16	19°27	0°53	17°51	9°11	14°41	6° 4	6°51	17°36	n.a.	T 21
F 22	17 51 30	27°13'32	9♊36	1♋ 9	18°38	28°55	19°41	0°58	17°52	9°10	14°42	5°53	6°48	17°42	n.a.	F 22
S 23	17 55 27	28°10'47	22°12	3°13	19°51	29°33	19°54	1° 4	17°52	9° 9	14°43	5°41	6°44	17°49	n.a.	S 23
S 24	17 59 23	29° 8'02	4♋36	5°16	21° 4	0♋12	20° 8	1° 9	17°52	9° 9	14°44	5°30	6°41	17°56	n.a.	S 24
M25	18 3 20	0♌ 5'19	16°48	7°18	22°17	0°50	20°21	1°14	17°R52	9° 8	14°45	5°20	6°38	18° 2	n.a.	M25
T 26	18 7 16	1° 2'36	28°50	9°18	23°31	1°29	20°34	1°20	17°52	9° 7	14°46	5°12	6°35	18° 9	n.a.	T 26
W27	18 11 13	1°59'53	10♌44	11°16	24°44	2° 7	20°48	1°25	17°52	9° 6	14°47	5° 7	6°32	18°16	n.a.	W27
T 28	18 15 10	2°57'11	22°32	13°13	25°57	2°46	21° 1	1°30	17°52	9° 5	14°48	5° 4	6°28	18°22	n.a.	T 28
F 29	18 19 6	3°54'30	4♍19	15° 8	27°10	3°24	21°14	1°35	17°52	9° 4	14°49	5°D 3	6°25	18°29	n.a.	F 29
S 30	18 23 3	4♌51'50	16♍ 8	17♋ 2	28♋23	4♋ 3	21♊28	1♉40	17♓51	9♏ 4	14♍50	5♓ 3	6♓22	18♌36	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n45	13n54	1n 1	16n 6	1s34	24n35	1n 5	23n43	0n50	22n46	0s 5	9n 5	2s14	5s38	0s45	13s 3	1n53	21n55	17n12	8s46	8s42	18n17		n.a.
S 2	21 54	8 39	0s 1	16 44	1 23	24 40	1 6	23 47	0 51	22 47	0 4	9 8	2 14	5 38	0 45	13 3	1 53	21 54	17 12	8 46	8 43	18 14		n.a.
S 3	22 3	3 2	1 4	17 23	1 11	24 45	1 8	23 52	0 51	22 49	0 4	9 10	2 14	5 37	0 45	13 2	1 53	21 54	17 11	8 46	8 44	18 11		n.a.
M 4	22 12	2s47	2 6	18 2	0 59	24 49	1 10	23 56	0 51	22 51	0 4	9 12	2 14	5 37	0 45	13 2	1 53	21 53	17 11	8 46	8 45	18 9		n.a.
T 5	22 20	8 38	3 2	18 40	0 47	24 52	1 12	24 0	0 52	22 52	0 4	9 14	2 14	5 36	0 45	13 2	1 53	21 53	17 10	8 47	8 47	18 6		n.a.
W 6	22 28	14 18	3 51	19 18	0 35	24 55	1 13	24 4	0 52	22 54	0 4	9 17	2 14	5 36	0 45	13 1	1 53	21 52	17 10	8 49	8 48	18 3		n.a.
T 7	22 36	19 29	4 29	19 55	0 24	24 57	1 15	24 8	0 52	22 55	0 4	9 19	2 15	5 36	0 45	13 1	1 53	21 51	17 9	8 52	8 49	18 0		n.a.
F 8	22 43	23 50	4 53	20 31	0 12	24 58	1 16	24 11	0 53	22 57	0 4	9 21	2 15	5 35	0 45	13 1	1 53	21 51	17 9	8 56	8 50	17 57		n.a.
S 9	22 50	26 55	5 1	21 6	0 0	24 58	1 18	24 14	0 53	22 58	0 4	9 23	2 15	5 35	0 45	13 0	1 53	21 50	17 8	9 0	8 51	17 55		n.a.
S 10	22 56	28 19	4 49	21 40	0n11	24 57	1 19	24 17	0 53	23 0	0 4	9 25	2 15	5 35	0 46	13 0	1 53	21 49	17 7	9 5	8 52	17 52		n.a.
M11	23 2	27 47	4 19	22 12	0 22	24 56	1 21	24 20	0 54	23 1	0 4	9 27	2 15	5 35	0 46	12 59	1 53	21 49	17 7	9 8	8 54	17 49		n.a.
T 12	23 7	25 19	3 31	22 42	0 32	24 54	1 22	24 23	0 54	23 2	0 3	9 29	2 15	5 34	0 46	12 59	1 53	21 48	17 6	9 11	8 55	17 46		n.a.
W13	23 12	21 11	2 30	23 10	0 42	24 52	1 23	24 25	0 54	23 4	0 3	9 31	2 15	5 34	0 46	12 59	1 53	21 47	17 6	9 13	8 56	17 43		n.a.
T 14	23 17	15 48	1 19	23 35	0 51	24 48	1 24	24 28	0 55	23 5	0 3	9 33	2 15	5 34	0 46	12 58	1 53	21 47	17 5	9 14	8 57	17 41		n.a.
F 15	23 21	9 37	0 4	23 58	1 0	24 44	1 26	24 30	0 55	23 6	0 3	9 35	2 16	5 34	0 46	12 58	1 52	21 46	17 5	9 14	8 58	17 38		n.a.
S 16	23 25	3 4	1n10	24 19	1 8	24 39	1 27	24 32	0 55	23 8	0 3	9 37	2 16	5 34	0 46	12 58	1 52	21 45	17 4	9 14	9 0	17 35		n.a.
S 17	23 29	3n32	2 18	24 37	1 15	24 33	1 28	24 33	0 56	23 9	0 3	9 39	2 16	5 34	0 46	12 58	1 52	21 44	17 4	9 14	9 1	17 32		n.a.
M18	23 32	9 51	3 18	24 52	1 22	24 27	1 29	24 35	0 56	23 10	0 3	9 41	2 16	5 33	0 46	12 57	1 52	21 44	17 3	9 15	9 2	17 29		n.a.
T 19	23 35	15 38	4 6	25 4	1 28	24 20	1 30	24 36	0 56	23 12	0 3	9 43	2 16	5 33	0 46	12 57	1 52	21 43	17 3	9 17	9 3	17 26		n.a.
W20	23 37	20 35	4 40	25 13	1 33	24 12	1 31	24 37	0 57	23 13	0 3	9 45	2 16	5 33	0 46	12 57	1 52	21 42	17 2	9 19	9 4	17 23		n.a.
T 21	23 39	24 29	4 58	25 20	1 38	24 4	1 31	24 38	0 57	23 14	0 3	9 46	2 17	5 33	0 46	12 56	1 52	21 41	17 2	9 23	9 6	17 21		n.a.
F 22	23 40	27 6	5 2	25 23	1 42	23 54	1 32	24 39	0 57	23 15	0 2	9 48	2 17	5 33	0 46	12 56	1 52	21 41	17 1	9 27	9 7	17 18		n.a.
S 23	23 41	28 17	4 50	25 24	1 45	23 44	1 33	24 39	0 58	23 16	0 2	9 50	2 17	5 33	0 46	12 56	1 52	21 40	17 0	9 31	9 8	17 15		n.a.
S 24	23 42	28 2	4 25	25 23	1 47	23 34	1 33	24 40	0 58	23 17	0 2	9 52	2 17	5 33	0 46	12 56	1 52	21 39	17 0	9 36	9 9	17 12		n.a.
M25	23 42	26 23	3 48	25 18	1 49	23 22	1 34	24 40	0 58	23 18	0 2	9 53	2 17	5 33	0 46	12 55	1 52	21 38	16 59	9 39	9 10	17 9		n.a.
T 26	23 42	23 34	3 1	25 12	1 50	23 10	1 34	24 40	0 59	23 19	0 2	9 55	2 17	5 33	0 46	12 55	1 52	21 37	16 59	9 42	9 12	17 6		n.a.
W27	23 41	19 45	2 6	25 3	1 50	22 58	1 35	24 40	0 59	23 21	0 2	9 57	2 18	5 33	0 46	12 55	1 52	21 36	16 58	9 44	9 13	17 3		n.a.
T 28	23 40	15 12	1 6	24 52	1 50	22 44	1 35	24 39	0 59	23 22	0 2	9 58	2 18	5 33	0 46	12 55	1 52	21 35	16 58	9 45	9 14	17 0		n.a.
F 29	23 38	10 6	0 4	24 38	1 49	22 30	1 35	24 39	0 59	23 23	0 2	10 0	2 18	5 33	0 46	12 55	1 52	21 35	16 57	9 46	9 15	16 58		n.a.
S 30	23n36	4n37	0s59	24n23	1n48	22n16	1n35	24n38	1n 0	23n24	0s 2	10n 1	2s18	5s33	0s46	12s54	1n52	21n34	16n57	9s45	9s16	16n55		n.a.

Julian Day Number = 1720113.5, Delta T = 02h56m23s
Ecliptic obliquity = 23°41'51, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°06'40, Lahiri = - 3°59'39 Julian Calendar 1 June 4 BCE == Greg. Calendar 30 May 004 BCE

The year -03 astronomical counting style corresponds to year 004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4 BCE
geocentric

JULY 4 BCE (-3) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 26 59	5♋49'10	28♍ 5	18♋54	29♋37	4♋41	21♊41	1♉45	17°R51	9°R 3	14♍51	5♓ 4	6♓19	18♌42	n.a.	S 1
M 2	18 30 56	6°46'31	10♎16	20°44	0♌50	5°20	21°54	1°49	17♓51	9♏ 2	14°52	5°R 4	6°16	18°49	n.a.	M 2
T 3	18 34 52	7°43'52	22°45	22°33	2° 3	5°58	22° 7	1°54	17°51	9° 2	14°53	5° 3	6°13	18°55	n.a.	T 3
W 4	18 38 49	8°41'14	5♏37	24°20	3°16	6°36	22°20	1°59	17°50	9° 1	14°55	5° 0	6° 9	19° 2	n.a.	W 4
T 5	18 42 45	9°38'37	18°55	26° 5	4°29	7°15	22°34	2° 3	17°50	9° 0	14°56	4°55	6° 6	19° 9	n.a.	T 5
F 6	18 46 42	10°36'01	2♐41	27°49	5°42	7°53	22°47	2° 8	17°49	9° 0	14°57	4°48	6° 3	19°15	n.a.	F 6
S 7	18 50 39	11°33'26	16°54	29°31	6°55	8°32	23° 0	2°12	17°49	8°59	14°58	4°40	6° 0	19°22	n.a.	S 7
S 8	18 54 35	12°30'52	1♑31	1♌12	8° 8	9°10	23°13	2°16	17°48	8°59	15° 0	4°32	5°57	19°29	n.a.	S 8
M 9	18 58 32	13°28'19	16°23	2°51	9°21	9°48	23°26	2°20	17°48	8°58	15° 1	4°25	5°54	19°35	n.a.	M 9
T 10	19 2 28	14°25'47	1♒24	4°28	10°34	10°27	23°39	2°25	17°47	8°58	15° 2	4°19	5°50	19°42	n.a.	T 10
W11	19 6 25	15°23'16	16°23	6° 4	11°47	11° 5	23°52	2°29	17°46	8°57	15° 4	4°16	5°47	19°49	n.a.	W11
T 12	19 10 21	16°20'47	1♓13	7°38	13° 0	11°43	24° 5	2°32	17°45	8°57	15° 5	4°D15	5°44	19°55	n.a.	T 12
F 13	19 14 18	17°18'19	15°47	9°10	14°13	12°22	24°18	2°36	17°45	8°57	15° 7	4°15	5°41	20° 2	n.a.	F 13
S 14	19 18 14	18°15'52	0♈ 3	10°41	15°26	13° 0	24°31	2°40	17°44	8°56	15° 8	4°16	5°38	20° 9	n.a.	S 14
S 15	19 22 11	19°13'28	13°58	12°10	16°39	13°38	24°43	2°44	17°43	8°56	15°10	4°R17	5°34	20°15	n.a.	S 15
M16	19 26 8	20°11'04	27°33	13°38	17°52	14°16	24°56	2°47	17°42	8°56	15°11	4°17	5°31	20°22	n.a.	M16
T 17	19 30 4	21° 8'43	10♉49	15° 4	19° 5	14°55	25° 9	2°51	17°41	8°56	15°13	4°15	5°28	20°29	n.a.	T 17
W18	19 34 1	22° 6'23	23°48	16°28	20°17	15°33	25°22	2°54	17°40	8°55	15°14	4°11	5°25	20°35	n.a.	W18
T 19	19 37 57	23° 4'05	6♊33	17°51	21°30	16°11	25°34	2°57	17°39	8°55	15°16	4° 6	5°22	20°42	n.a.	T 19
F 20	19 41 54	24° 1'49	19° 4	19°12	22°43	16°49	25°47	3° 1	17°38	8°55	15°18	4° 0	5°19	20°49	n.a.	F 20
S 21	19 45 50	24°59'34	1♋24	20°31	23°56	17°28	26° 0	3° 4	17°36	8°55	15°19	3°53	5°15	20°55	n.a.	S 21
S 22	19 49 47	25°57'21	13°33	21°49	25° 9	18° 6	26°12	3° 7	17°35	8°55	15°21	3°46	5°12	21° 2	n.a.	S 22
M23	19 53 44	26°55'09	25°35	23° 4	26°21	18°44	26°25	3°10	17°34	8°55	15°23	3°40	5° 9	21° 9	n.a.	M23
T 24	19 57 40	27°52'59	7♌29	24°18	27°34	19°22	26°37	3°12	17°33	8°D55	15°24	3°35	5° 6	21°15	n.a.	T 24
W25	20 1 37	28°50'51	19°18	25°30	28°47	20° 1	26°49	3°15	17°31	8°55	15°26	3°33	5° 3	21°22	n.a.	W25
T 26	20 5 33	29°48'43	1♍ 5	26°39	29°59	20°39	27° 2	3°18	17°30	8°55	15°28	3°D32	5° 0	21°28	n.a.	T 26
F 27	20 9 30	0♌46'38	12°51	27°47	1♍12	21°17	27°14	3°20	17°29	8°55	15°30	3°32	4°56	21°35	n.a.	F 27
S 28	20 13 26	1°44'33	24°42	28°52	2°25	21°55	27°26	3°23	17°27	8°55	15°32	3°33	4°53	21°42	n.a.	S 28
S 29	20 17 23	2°42'30	6♎40	29°54	3°37	22°33	27°38	3°25	17°26	8°55	15°33	3°35	4°50	21°48	n.a.	S 29
M30	20 21 19	3°40'29	18°50	0♍55	4°50	23°12	27°50	3°27	17°24	8°55	15°35	3°37	4°47	21°55	n.a.	M30
T 31	20 25 16	4♌38'29	1♏17	1♍52	6♍ 3	23♋50	28♊ 2	3♉29	17♓23	8♏56	15♍37	3°R37	4♓44	22♌ 2	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23n34	1s 4	2s 0	24n 6	1n46	22n 0	1n35	24n37	1n 0	23n24	0s 1	10n 3	2s18	5s34	0s46	12s54	1n52	21n33	16n56	9s45	9s17	16n52			n.a.
M 2	23 31	6 49	2 57	23 47	1 43	21 44	1 35	24 36	1 0	23 25	0 1	10 4	2 18	5 34	0 46	12 54	1 52	21 32	16 56	9 45	9 19	16 49			n.a.
T 3	23 28	12 27	3 47	23 26	1 40	21 28	1 35	24 34	1 1	23 26	0 1	10 6	2 19	5 34	0 46	12 54	1 52	21 31	16 55	9 46	9 20	16 46			n.a.
W 4	23 25	17 44	4 27	23 4	1 36	21 11	1 35	24 33	1 1	23 27	0 1	10 7	2 19	5 34	0 46	12 54	1 51	21 30	16 55	9 47	9 21	16 43			n.a.
T 5	23 21	22 21	4 55	22 40	1 32	20 53	1 35	24 31	1 1	23 28	0 1	10 9	2 19	5 34	0 46	12 54	1 51	21 29	16 54	9 49	9 22	16 40			n.a.
F 6	23 16	25 55	5 6	22 15	1 28	20 35	1 35	24 29	1 1	23 29	0 1	10 10	2 19	5 35	0 46	12 54	1 51	21 28	16 54	9 51	9 23	16 37			n.a.
S 7	23 11	28 1	5 0	21 49	1 23	20 16	1 34	24 27	1 2	23 30	0 1	10 11	2 19	5 35	0 46	12 53	1 51	21 27	16 53	9 54	9 25	16 34			n.a.
S 8	23 6	28 15	4 33	21 22	1 18	19 56	1 34	24 24	1 2	23 31	0 1	10 13	2 20	5 35	0 47	12 53	1 51	21 26	16 53	9 57	9 26	16 31			n.a.
M 9	23 0	26 28	3 49	20 54	1 12	19 36	1 33	24 22	1 2	23 31	0 1	10 14	2 20	5 35	0 47	12 53	1 51	21 25	16 53	10 0	9 27	16 28			n.a.
T 10	22 54	22 47	2 48	20 25	1 6	19 16	1 33	24 19	1 2	23 32	0 1	10 15	2 20	5 36	0 47	12 53	1 51	21 24	16 52	10 2	9 28	16 26			n.a.
W11	22 48	17 36	1 35	19 55	0 59	18 55	1 32	24 16	1 3	23 33	0 0	10 16	2 20	5 36	0 47	12 53	1 51	21 23	16 52	10 3	9 29	16 23			n.a.
T 12	22 41	11 25	0 16	19 24	0 53	18 33	1 31	24 13	1 3	23 33	0 0	10 17	2 20	5 36	0 47	12 53	1 51	21 22	16 51	10 3	9 30	16 20			n.a.
F 13	22 34	4 43	1n 2	18 53	0 46	18 11	1 31	24 10	1 3	23 34	0 0	10 19	2 21	5 37	0 47	12 53	1 51	21 21	16 51	10 3	9 32	16 17			n.a.
S 14	22 26	2n 5	2 15	18 21	0 38	17 49	1 30	24 6	1 3	23 35	0 0	10 20	2 21	5 37	0 47	12 53	1 51	21 20	16 50	10 3	9 33	16 14			n.a.
S 15	22 18	8 36	3 18	17 49	0 30	17 26	1 29	24 3	1 4	23 35	0 0	10 21	2 21	5 37	0 47	12 53	1 51	21 19	16 50	10 3	9 34	16 11			n.a.
M16	22 10	14 34	4 9	17 16	0 23	17 2	1 28	23 59	1 4	23 36	0n 0	10 22	2 21	5 38	0 47	12 53	1 51	21 18	16 49	10 3	9 35	16 8			n.a.
T 17	22 1	19 43	4 44	16 43	0 14	16 38	1 27	23 55	1 4	23 37	0 0	10 23	2 21	5 38	0 47	12 53	1 51	21 17	16 49	10 3	9 36	16 5			n.a.
W18	21 52	23 50	5 5	16 10	0 6	16 14	1 26	23 51	1 4	23 37	0 0	10 24	2 22	5 39	0 47	12 53	1 51	21 16	16 49	10 5	9 38	16 2			n.a.
T 19	21 42	26 43	5 9	15 36	0s 3	15 49	1 24	23 46	1 5	23 38	0 0	10 25	2 22	5 39	0 47	12 53	1 51	21 15	16 48	10 7	9 39	15 59			n.a.
F 20	21 32	28 13	4 59	15 2	0 12	15 24	1 23	23 42	1 5	23 38	0 0	10 25	2 22	5 40	0 47	12 53	1 50	21 14	16 48	10 9	9 40	15 56			n.a.
S 21	21 22	28 16	4 35	14 29	0 21	14 58	1 22	23 37	1 5	23 39	0 1	10 26	2 22	5 40	0 47	12 53	1 50	21 13	16 47	10 12	9 41	15 53			n.a.
S 22	21 11	26 57	3 59	13 55	0 30	14 32	1 20	23 32	1 5	23 39	0 1	10 27	2 22	5 41	0 47	12 53	1 50	21 12	16 47	10 14	9 42	15 50			n.a.
M23	21 0	24 24	3 12	13 21	0 39	14 6	1 19	23 27	1 6	23 40	0 1	10 28	2 23	5 41	0 47	12 53	1 50	21 11	16 47	10 16	9 43	15 47			n.a.
T 24	20 49	20 49	2 17	12 48	0 49	13 39	1 17	23 22	1 6	23 40	0 1	10 29	2 23	5 42	0 47	12 53	1 50	21 10	16 46	10 18	9 45	15 44			n.a.
W25	20 37	16 25	1 17	12 15	0 58	13 12	1 15	23 17	1 6	23 41	0 1	10 29	2 23	5 42	0 47	12 53	1 50	21 9	16 46	10 19	9 46	15 41			n.a.
T 26	20 25	11 25	0 13	11 42	1 8	12 44	1 14	23 11	1 6	23 41	0 1	10 30	2 23	5 43	0 47	12 53	1 50	21 8	16 45	10 19	9 47	15 38			n.a.
F 27	20 12	6 1	0s51	11 9	1 18	12 17	1 12	23 5	1 7	23 41	0 1	10 31	2 24	5 43	0 47	12 53	1 50	21 7	16 45	10 19	9 48	15 35			n.a.
S 28	19 59	0 24	1 53	10 37	1 28	11 49	1 10	22 59	1 7	23 42	0 1	10 31	2 24	5 44	0 47	12 53	1 50	21 6	16 45	10 19	9 49	15 32			n.a.
S 29	19 46	5s18	2 52	10 6	1 38	11 20	1 8	22 53	1 7	23 42	0 1	10 32	2 24	5 45	0 47	12 53	1 50	21 5	16 44	10 18	9 50	15 29			n.a.
M30	19 32	10 53	3 43	9 35	1 48	10 52	1 6	22 47	1 7	23 42	0 2	10 32	2 24	5 45	0 47	12 54	1 50	21 4	16 44	10 17	9 52	15 26			n.a.
T 31	19n19	16s11	4s26	9n 5	1s58	10n23	1n 4	22n41	1n 7	23n43	0n 2	10n33	2s24	5s46	0s47	12s54	1n50	21n 3	16n44	10s17	9s53	15n23			n.a.

Julian Day Number = 1720143.5, Delta T = 02h56m22s
Ecliptic obliquity = 23°41'51, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°06'36, Lahiri = - 3°59'35 Julian Calendar 1 July 4 BCE == Greg. Calendar 29 June 004 BCE

The year -03 astronomical counting style corresponds to year 004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4 BCE
geocentric

AUGUST 4 BCE (-3) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 29 12	5♌36'31	14♏ 5	2♍47	7♍15	24♋28	28♊14	3♉31	17°R21	8♏56	15♍39	3°R37	4♓40	22♌ 8	n.a.	W 1
T 2	20 33 9	6°34'34	27°19	3°39	8°28	25° 6	28°26	3°33	17♓19	8°56	15°41	3♓36	4°37	22°15	n.a.	T 2
F 3	20 37 6	7°32'38	11♐ 0	4°28	9°40	25°44	28°38	3°35	17°18	8°56	15°43	3°33	4°34	22°22	n.a.	F 3
S 4	20 41 2	8°30'44	25° 9	5°13	10°52	26°23	28°50	3°36	17°16	8°57	15°45	3°30	4°31	22°28	n.a.	S 4
S 5	20 44 59	9°28'52	9♑44	5°55	12° 5	27° 1	29° 2	3°38	17°14	8°57	15°47	3°27	4°28	22°35	n.a.	S 5
M 6	20 48 55	10°27'02	24°40	6°33	13°17	27°39	29°13	3°39	17°12	8°58	15°49	3°24	4°25	22°42	n.a.	M 6
T 7	20 52 52	11°25'13	9♒49	7° 6	14°30	28°17	29°25	3°41	17°11	8°58	15°51	3°21	4°21	22°48	n.a.	T 7
W 8	20 56 48	12°23'26	25° 2	7°36	15°42	28°55	29°36	3°42	17° 9	8°59	15°53	3°20	4°18	22°55	n.a.	W 8
T 9	21 0 45	13°21'40	10♓ 8	8° 1	16°54	29°33	29°48	3°43	17° 7	8°59	15°55	3°D20	4°15	23° 2	n.a.	T 9
F 10	21 4 41	14°19'57	25° 0	8°21	18° 6	0♌11	29°59	3°44	17° 5	9° 0	15°57	3°21	4°12	23° 8	n.a.	F 10
S 11	21 8 38	15°18'16	9♈31	8°35	19°19	0°49	0♋10	3°45	17° 3	9° 0	15°59	3°22	4° 9	23°15	n.a.	S 11
S 12	21 12 35	16°16'37	23°38	8°45	20°31	1°28	0°21	3°46	17° 1	9° 1	16° 1	3°23	4° 6	23°22	n.a.	S 12
M13	21 16 31	17°15'00	7♉19	8°R48	21°43	2° 6	0°33	3°47	16°59	9° 1	16° 3	3°24	4° 2	23°28	n.a.	M13
T 14	21 20 28	18°13'26	20°37	8°45	22°55	2°44	0°44	3°47	16°57	9° 2	16° 5	3°R24	3°59	23°35	n.a.	T 14
W15	21 24 24	19°11'53	3♊32	8°36	24° 7	3°22	0°55	3°48	16°55	9° 3	16° 8	3°24	3°56	23°41	n.a.	W15
T 16	21 28 21	20°10'24	16° 8	8°20	25°19	4° 0	1° 5	3°48	16°53	9° 4	16°10	3°23	3°53	23°48	n.a.	T 16
F 17	21 32 17	21° 8'56	28°29	7°57	26°31	4°38	1°16	3°48	16°51	9° 4	16°12	3°21	3°50	23°55	n.a.	F 17
S 18	21 36 14	22° 7'31	10♋38	7°27	27°43	5°16	1°27	3°48	16°49	9° 5	16°14	3°20	3°46	24° 1	n.a.	S 18
S 19	21 40 10	23° 6'07	22°37	6°51	28°55	5°55	1°37	3°R48	16°47	9° 6	16°16	3°18	3°43	24° 8	n.a.	S 19
M20	21 44 7	24° 4'46	4♌30	6° 8	0♎ 7	6°33	1°48	3°48	16°44	9° 7	16°19	3°17	3°40	24°15	n.a.	M20
T 21	21 48 4	25° 3'27	16°19	5°19	1°19	7°11	1°58	3°48	16°42	9° 8	16°21	3°16	3°37	24°21	n.a.	T 21
W22	21 52 0	26° 2'10	28° 6	4°25	2°31	7°49	2° 9	3°48	16°40	9° 9	16°23	3°D16	3°34	24°28	n.a.	W22
T 23	21 55 57	27° 0'56	9♍53	3°26	3°42	8°27	2°19	3°48	16°38	9°10	16°25	3°16	3°31	24°35	n.a.	T 23
F 24	21 59 53	27°59'43	21°44	2°23	4°54	9° 5	2°29	3°47	16°35	9°11	16°28	3°16	3°27	24°41	n.a.	F 24
S 25	22 3 50	28°58'32	3♎39	1°18	6° 6	9°43	2°39	3°46	16°33	9°12	16°30	3°16	3°24	24°48	n.a.	S 25
S 26	22 7 46	29°57'23	15°43	0°13	7°17	10°21	2°49	3°46	16°31	9°13	16°32	3°17	3°21	24°55	n.a.	S 26
M27	22 11 43	0♍56'15	27°58	29♌ 8	8°29	10°59	2°59	3°45	16°29	9°14	16°34	3°17	3°18	25° 1	n.a.	M27
T 28	22 15 39	1°55'10	10♏27	28° 6	9°41	11°38	3° 9	3°44	16°26	9°15	16°37	3°17	3°15	25° 8	n.a.	T 28
W29	22 19 36	2°54'07	23°14	27° 7	10°52	12°16	3°18	3°43	16°24	9°16	16°39	3°17	3°12	25°15	n.a.	W29
T 30	22 23 33	3°53'06	6♐23	26°15	12° 4	12°54	3°28	3°42	16°22	9°17	16°41	3°17	3° 8	25°21	n.a.	T 30
F 31	22 27 29	4♍52'06	19♐55	25♌30	13♎15	13♌32	3♋37	3♉40	16♓19	9♏18	16♍44	3♓17	3♓ 5	25♌28	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	19n 4	20s57	4s56	8n36	2s 8	9n53	1n 1	22n34	1n 8	23n43	0n 2	10n33	2s25	5s46	0s47	12s54	1n50	21n 2	16n43	10s17	9s54	15n20			n.a.
T 2	18 50	24 50	5 13	8 8	2 18	9 24	0 59	22 27	1 8	23 43	0 2	10 34	2 25	5 47	0 47	12 54	1 50	21 1	16 43	10 18	9 55	15 17			n.a.
F 3	18 35	27 29	5 12	7 41	2 28	8 54	0 57	22 20	1 8	23 43	0 2	10 34	2 25	5 48	0 47	12 54	1 50	21 0	16 43	10 19	9 56	15 14			n.a.
S 4	18 20	28 29	4 52	7 16	2 37	8 24	0 55	22 13	1 8	23 44	0 2	10 35	2 25	5 48	0 47	12 54	1 50	20 59	16 42	10 20	9 57	15 11			n.a.
S 5	18 4	27 33	4 14	6 51	2 47	7 54	0 52	22 6	1 8	23 44	0 2	10 35	2 26	5 49	0 47	12 55	1 49	20 58	16 42	10 21	9 59	15 8			n.a.
M 6	17 49	24 39	3 17	6 29	2 56	7 24	0 50	21 59	1 9	23 44	0 2	10 35	2 26	5 50	0 47	12 55	1 49	20 56	16 42	10 22	10 0	15 5			n.a.
T 7	17 32	20 0	2 6	6 8	3 6	6 53	0 47	21 51	1 9	23 44	0 2	10 35	2 26	5 51	0 47	12 55	1 49	20 55	16 41	10 23	10 1	15 2			n.a.
W 8	17 16	14 2	0 46	5 48	3 14	6 23	0 45	21 43	1 9	23 44	0 3	10 36	2 26	5 51	0 47	12 55	1 49	20 54	16 41	10 23	10 2	14 59			n.a.
T 9	16 59	7 16	0n38	5 31	3 23	5 52	0 42	21 35	1 9	23 44	0 3	10 36	2 27	5 52	0 47	12 55	1 49	20 53	16 41	10 23	10 3	14 56			n.a.
F 10	16 42	0 13	1 57	5 16	3 31	5 21	0 39	21 27	1 9	23 45	0 3	10 36	2 27	5 53	0 47	12 56	1 49	20 52	16 41	10 23	10 4	14 53			n.a.
S 11	16 25	6n40	3 7	5 4	3 38	4 50	0 36	21 19	1 10	23 45	0 3	10 36	2 27	5 54	0 47	12 56	1 49	20 51	16 40	10 23	10 6	14 50			n.a.
S 12	16 8	13 2	4 4	4 54	3 45	4 19	0 33	21 11	1 10	23 45	0 3	10 36	2 27	5 54	0 48	12 56	1 49	20 50	16 40	10 22	10 7	14 47			n.a.
M13	15 50	18 34	4 45	4 47	3 52	3 47	0 31	21 2	1 10	23 45	0 3	10 36	2 27	5 55	0 48	12 56	1 49	20 49	16 40	10 22	10 8	14 44			n.a.
T 14	15 32	23 3	5 9	4 43	3 57	3 16	0 28	20 54	1 10	23 45	0 3	10 36	2 28	5 56	0 48	12 57	1 49	20 48	16 40	10 22	10 9	14 41			n.a.
W15	15 14	26 16	5 17	4 43	4 1	2 44	0 25	20 45	1 10	23 45	0 3	10 36	2 28	5 57	0 48	12 57	1 49	20 47	16 39	10 22	10 10	14 38			n.a.
T 16	14 55	28 5	5 9	4 46	4 4	2 13	0 22	20 36	1 10	23 45	0 3	10 36	2 28	5 58	0 48	12 57	1 49	20 46	16 39	10 22	10 11	14 35			n.a.
F 17	14 36	28 28	4 47	4 52	4 6	1 41	0 19	20 27	1 11	23 45	0 4	10 36	2 28	5 59	0 48	12 58	1 49	20 45	16 39	10 23	10 13	14 32			n.a.
S 18	14 17	27 27	4 12	5 3	4 7	1 9	0 15	20 18	1 11	23 45	0 4	10 36	2 29	5 59	0 48	12 58	1 49	20 44	16 39	10 24	10 14	14 29			n.a.
S 19	13 58	25 11	3 27	5 17	4 6	0 37	0 12	20 9	1 11	23 45	0 4	10 35	2 29	6 0	0 48	12 58	1 49	20 43	16 39	10 24	10 15	14 26			n.a.
M20	13 38	21 49	2 33	5 35	4 3	0 6	0 9	19 59	1 11	23 45	0 4	10 35	2 29	6 1	0 48	12 59	1 48	20 42	16 38	10 25	10 16	14 23			n.a.
T 21	13 19	17 36	1 33	5 58	3 59	0s26	0 6	19 49	1 11	23 45	0 4	10 35	2 29	6 2	0 48	12 59	1 48	20 40	16 38	10 25	10 17	14 20			n.a.
W22	12 59	12 43	0 29	6 24	3 52	0 58	0 2	19 40	1 11	23 45	0 4	10 35	2 30	6 3	0 48	12 59	1 48	20 39	16 38	10 25	10 18	14 17			n.a.
T 23	12 38	7 23	0s37	6 53	3 44	1 30	0s 1	19 30	1 12	23 45	0 4	10 34	2 30	6 4	0 48	13 0	1 48	20 38	16 38	10 25	10 20	14 13			n.a.
F 24	12 18	1 46	1 41	7 25	3 34	2 2	0 4	19 20	1 12	23 45	0 4	10 34	2 30	6 5	0 48	13 0	1 48	20 37	16 38	10 25	10 21	14 10			n.a.
S 25	11 57	3s56	2 41	8 0	3 21	2 34	0 8	19 10	1 12	23 45	0 5	10 33	2 30	6 6	0 48	13 0	1 48	20 36	16 38	10 25	10 22	14 7			n.a.
S 26	11 36	9 33	3 35	8 36	3 7	3 6	0 11	18 59	1 12	23 45	0 5	10 33	2 30	6 7	0 48	13 1	1 48	20 35	16 37	10 25	10 23	14 4			n.a.
M27	11 15	14 54	4 20	9 14	2 51	3 37	0 15	18 49	1 12	23 45	0 5	10 32	2 31	6 7	0 48	13 1	1 48	20 34	16 37	10 25	10 24	14 1			n.a.
T 28	10 54	19 45	4 53	9 52	2 34	4 9	0 18	18 38	1 12	23 44	0 5	10 32	2 31	6 8	0 48	13 2	1 48	20 33	16 37	10 24	10 25	13 58			n.a.
W29	10 33	23 49	5 13	10 29	2 15	4 41	0 22	18 28	1 13	23 44	0 5	10 31	2 31	6 9	0 48	13 2	1 48	20 32	16 37	10 24	10 27	13 55			n.a.
T 30	10 11	26 49	5 17	11 5	1 56	5 12	0 25	18 17	1 13	23 44	0 5	10 31	2 31	6 10	0 48	13 2	1 48	20 31	16 37	10 24	10 28	13 52			n.a.
F 31	9n50	28s22	5s 5	11n39	1s36	5s43	0s29	18n 6	1n13	23n44	0n 5	10n30	2s32	6s11	0s48	13s 3	1n48	20n30	16n37	10s24	10s29	13n49			n.a.

Julian Day Number = 1720174.5, Delta T = 02h56m22s
Ecliptic obliquity = 23°41'51, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°06'31, Lahiri = - 3°59'31 Julian Calendar 1 Aug. 4 BCE == Greg. Calendar 30 July 004 BCE

The year -03 astronomical counting style corresponds to year 004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4 BCE
geocentric

SEPTEMBER 4 BCE (-3) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 31 26	5♍51'08	3♉52	24°R53	14♎26	14♌10	3♋46	3°R39	16°R17	9♏19	16♍46	3♓18	3♓ 2	25♌34	n.a.	S 1
S 2	22 35 22	6°50'13	18°14	24♌25	15°38	14°48	3°55	3♉37	16♓14	9°21	16°48	3°18	2°59	25°41	n.a.	S 2
M 3	22 39 19	7°49'19	2♒58	24° 7	16°49	15°26	4° 4	3°36	16°12	9°22	16°51	3°18	2°56	25°48	n.a.	M 3
T 4	22 43 15	8°48'26	17°59	24°D 0	18° 0	16° 4	4°13	3°34	16°10	9°23	16°53	3°19	2°52	25°54	n.a.	T 4
W 5	22 47 12	9°47'36	3♓10	24° 3	19°11	16°42	4°22	3°32	16° 7	9°25	16°55	3°R19	2°49	26° 1	n.a.	W 5
T 6	22 51 8	10°46'48	18°20	24°16	20°22	17°20	4°31	3°30	16° 5	9°26	16°58	3°19	2°46	26° 8	n.a.	T 6
F 7	22 55 5	11°46'02	3♈20	24°40	21°33	17°59	4°40	3°28	16° 2	9°27	17° 0	3°18	2°43	26°14	n.a.	F 7
S 8	22 59 1	12°45'18	18° 3	25°13	22°44	18°37	4°48	3°26	16° 0	9°29	17° 3	3°17	2°40	26°21	n.a.	S 8
S 9	23 2 58	13°44'37	2♉22	25°55	23°55	19°15	4°56	3°24	15°57	9°30	17° 5	3°16	2°37	26°28	n.a.	S 9
M10	23 6 55	14°43'58	16°14	26°46	25° 6	19°53	5° 4	3°22	15°55	9°32	17° 7	3°15	2°33	26°34	n.a.	M10
T 11	23 10 51	15°43'22	29°38	27°45	26°17	20°31	5°13	3°19	15°53	9°33	17°10	3°14	2°30	26°41	n.a.	T 11
W12	23 14 48	16°42'48	12♊37	28°50	27°28	21° 9	5°20	3°17	15°50	9°35	17°12	3°D13	2°27	26°48	n.a.	W12
T 13	23 18 44	17°42'16	25°13	0♍ 2	28°38	21°47	5°28	3°14	15°48	9°36	17°14	3°13	2°24	26°54	n.a.	T 13
F 14	23 22 41	18°41'47	7♋31	1°19	29°49	22°25	5°36	3°12	15°45	9°38	17°17	3°14	2°21	27° 1	n.a.	F 14
S 15	23 26 37	19°41'20	19°34	2°40	0♏59	23° 3	5°43	3° 9	15°43	9°39	17°19	3°15	2°18	27° 7	n.a.	S 15
S 16	23 30 34	20°40'56	1♌28	4° 6	2°10	23°42	5°51	3° 6	15°40	9°41	17°21	3°17	2°14	27°14	n.a.	S 16
M17	23 34 30	21°40'34	13°16	5°35	3°20	24°20	5°58	3° 3	15°38	9°43	17°24	3°18	2°11	27°21	n.a.	M17
T 18	23 38 27	22°40'14	25° 3	7° 7	4°31	24°58	6° 5	3° 0	15°36	9°44	17°26	3°19	2° 8	27°27	n.a.	T 18
W19	23 42 24	23°39'56	6♍51	8°42	5°41	25°36	6°12	2°57	15°33	9°46	17°29	3°R19	2° 5	27°34	n.a.	W19
T 20	23 46 20	24°39'40	18°43	10°18	6°51	26°14	6°19	2°53	15°31	9°48	17°31	3°18	2° 2	27°41	n.a.	T 20
F 21	23 50 17	25°39'27	0♎41	11°56	8° 1	26°52	6°26	2°50	15°28	9°49	17°33	3°16	1°58	27°47	n.a.	F 21
S 22	23 54 13	26°39'15	12°48	13°35	9°11	27°30	6°32	2°47	15°26	9°51	17°36	3°13	1°55	27°54	n.a.	S 22
S 23	23 58 10	27°39'06	25° 4	15°15	10°21	28° 8	6°39	2°43	15°24	9°53	17°38	3° 9	1°52	28° 1	n.a.	S 23
M24	0 2 6	28°38'58	7♏31	16°55	11°31	28°47	6°45	2°40	15°21	9°55	17°40	3° 5	1°49	28° 7	n.a.	M24
T 25	0 6 3	29°38'52	20°11	18°36	12°41	29°25	6°51	2°36	15°19	9°57	17°43	3° 1	1°46	28°14	n.a.	T 25
W26	0 9 59	0♎38'49	3♐ 5	20°17	13°50	0♍ 3	6°57	2°32	15°17	9°58	17°45	2°57	1°43	28°21	n.a.	W26
T 27	0 13 56	1°38'47	16°15	21°59	15° 0	0°41	7° 2	2°28	15°14	10° 0	17°47	2°55	1°39	28°27	n.a.	T 27
F 28	0 17 53	2°38'47	29°43	23°40	16°10	1°19	7° 8	2°25	15°12	10° 2	17°50	2°D54	1°36	28°34	n.a.	F 28
S 29	0 21 49	3°38'48	13♉29	25°21	17°19	1°57	7°13	2°21	15°10	10° 4	17°52	2°54	1°33	28°41	n.a.	S 29
S 30	0 25 46	4♎38'51	27♉34	27♍ 2	18♏28	2♍35	7♋19	2♉17	15♓ 8	10♏ 6	17♍54	2♓56	1♓30	28♌47	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n28	28s12	4s34	12n11	1s16	6s15	0s32	17n55	1n13	23n44	0n 5	10n29	2s32	6s12	0s48	13s 3	1n48	20n29	16n37	10s24	10s30	13n46		n.a.
S 2	9 6	26 10	3 45	12 39	0 56	6 46	0 36	17 44	1 13	23 44	0 5	10 29	2 32	6 13	0 48	13 4	1 48	20 28	16 37	10 24	10 31	13 43		n.a.
M 3	8 44	22 19	2 41	13 3	0 37	7 17	0 39	17 33	1 13	23 44	0 6	10 28	2 32	6 14	0 48	13 4	1 48	20 27	16 37	10 24	10 32	13 40		n.a.
T 4	8 21	16 56	1 24	13 23	0 18	7 48	0 43	17 21	1 13	23 44	0 6	10 27	2 32	6 15	0 48	13 5	1 48	20 26	16 37	10 24	10 34	13 36		n.a.
W 5	7 59	10 28	0 1	13 39	0 0	8 19	0 47	17 10	1 13	23 43	0 6	10 26	2 33	6 16	0 48	13 5	1 48	20 25	16 37	10 24	10 35	13 33		n.a.
T 6	7 36	3 24	1n22	13 50	0n17	8 49	0 50	16 58	1 14	23 43	0 6	10 26	2 33	6 17	0 48	13 6	1 47	20 24	16 36	10 24	10 36	13 30		n.a.
F 7	7 13	3n46	2 39	13 57	0 32	9 19	0 54	16 47	1 14	23 43	0 6	10 25	2 33	6 18	0 48	13 6	1 47	20 23	16 36	10 24	10 37	13 27		n.a.
S 8	6 51	10 35	3 44	13 59	0 47	9 50	0 58	16 35	1 14	23 43	0 6	10 24	2 33	6 19	0 48	13 7	1 47	20 22	16 36	10 25	10 38	13 24		n.a.
S 9	6 28	16 40	4 32	13 57	0 59	10 20	1 1	16 23	1 14	23 43	0 6	10 23	2 33	6 20	0 48	13 7	1 47	20 21	16 36	10 25	10 39	13 21		n.a.
M10	6 5	21 42	5 3	13 50	1 11	10 49	1 5	16 11	1 14	23 42	0 7	10 22	2 33	6 21	0 48	13 8	1 47	20 20	16 36	10 26	10 40	13 18		n.a.
T 11	5 41	25 26	5 16	13 39	1 21	11 19	1 9	15 59	1 14	23 42	0 7	10 21	2 34	6 22	0 48	13 8	1 47	20 19	16 36	10 26	10 42	13 15		n.a.
W12	5 18	27 43	5 13	13 25	1 30	11 48	1 12	15 46	1 14	23 42	0 7	10 20	2 34	6 23	0 48	13 9	1 47	20 18	16 36	10 26	10 43	13 12		n.a.
T 13	4 55	28 31	4 54	13 6	1 38	12 17	1 16	15 34	1 14	23 42	0 7	10 19	2 34	6 24	0 48	13 9	1 47	20 17	16 36	10 26	10 44	13 8		n.a.
F 14	4 31	27 51	4 22	12 44	1 44	12 46	1 19	15 22	1 14	23 42	0 7	10 18	2 34	6 24	0 48	13 10	1 47	20 17	16 36	10 26	10 45	13 5		n.a.
S 15	4 8	25 52	3 39	12 19	1 49	13 14	1 23	15 9	1 15	23 42	0 7	10 17	2 34	6 25	0 48	13 10	1 47	20 16	16 37	10 25	10 46	13 2		n.a.
S 16	3 44	22 46	2 47	11 52	1 53	13 42	1 27	14 56	1 15	23 41	0 7	10 16	2 35	6 26	0 48	13 11	1 47	20 15	16 37	10 25	10 47	12 59		n.a.
M17	3 20	18 45	1 49	11 21	1 56	14 10	1 30	14 44	1 15	23 41	0 7	10 14	2 35	6 27	0 48	13 11	1 47	20 14	16 37	10 24	10 49	12 56		n.a.
T 18	2 56	14 2	0 46	10 49	1 58	14 38	1 34	14 31	1 15	23 41	0 8	10 13	2 35	6 28	0 48	13 12	1 47	20 13	16 37	10 24	10 50	12 53		n.a.
W19	2 32	8 48	0s19	10 14	1 59	15 5	1 37	14 18	1 15	23 41	0 8	10 12	2 35	6 29	0 48	13 13	1 47	20 12	16 37	10 24	10 51	12 50		n.a.
T 20	2 9	3 13	1 24	9 37	1 59	15 32	1 41	14 5	1 15	23 41	0 8	10 11	2 35	6 30	0 48	13 13	1 47	20 11	16 37	10 24	10 52	12 47		n.a.
F 21	1 45	2s30	2 25	8 59	1 59	15 59	1 44	13 52	1 15	23 40	0 8	10 9	2 35	6 31	0 48	13 14	1 47	20 10	16 37	10 25	10 53	12 43		n.a.
S 22	1 21	8 11	3 21	8 20	1 58	16 25	1 48	13 39	1 15	23 40	0 8	10 8	2 35	6 32	0 48	13 14	1 47	20 9	16 37	10 26	10 54	12 40		n.a.
S 23	0 57	13 38	4 7	7 39	1 56	16 50	1 51	13 25	1 15	23 40	0 8	10 7	2 36	6 33	0 48	13 15	1 47	20 9	16 37	10 27	10 55	12 37		n.a.
M24	0 33	18 37	4 43	6 57	1 53	17 16	1 55	13 12	1 15	23 40	0 8	10 5	2 36	6 34	0 48	13 16	1 47	20 8	16 37	10 29	10 57	12 34		n.a.
T 25	0 8	22 53	5 6	6 15	1 51	17 41	1 58	12 59	1 15	23 40	0 9	10 4	2 36	6 35	0 48	13 16	1 47	20 7	16 37	10 30	10 58	12 31		n.a.
W26	0s16	26 7	5 14	5 32	1 47	18 5	2 1	12 45	1 16	23 40	0 9	10 3	2 36	6 36	0 48	13 17	1 47	20 6	16 37	10 32	10 59	12 28		n.a.
T 27	0 40	28 2	5 5	4 48	1 43	18 30	2 5	12 32	1 16	23 39	0 9	10 1	2 36	6 36	0 48	13 17	1 46	20 5	16 38	10 33	11 0	12 24		n.a.
F 28	1 4	28 22	4 40	4 3	1 39	18 53	2 8	12 18	1 16	23 39	0 9	10 0	2 36	6 37	0 48	13 18	1 46	20 5	16 38	10 33	11 1	12 21		n.a.
S 29	1 28	26 58	3 58	3 19	1 35	19 16	2 11	12 4	1 16	23 39	0 9	9 58	2 36	6 38	0 48	13 19	1 46	20 4	16 38	10 33	11 2	12 18		n.a.
S 30	1s52	23s50	3s 2	2n34	1n30	19s39	2s14	11n50	1n16	23n39	0n 9	9n57	2s36	6s39	0s48	13s19	1n46	20n 3	16n38	10s32	11s 3	12n15		n.a.

Julian Day Number = 1720205.5, Delta T = 02h56m21s
Ecliptic obliquity = 23°41'52, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°06'27, Lahiri = - 3°59'27 Julian Calendar 1 Sept. 4 BCE == Greg. Calendar 30 Aug. 004 BCE

The year -03 astronomical counting style corresponds to year 004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4 BCE
geocentric

OCTOBER 4 BCE (-3) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 29 42	5♎38'56	11♒59	28♍43	19♏37	3♍13	7♋24	2°R12	15°R 5	10♏ 8	17♍56	2♓57	1♓27	28♌54	n.a.	M 1
T 2	0 33 39	6°39'02	26°39	0♎23	20°46	3°52	7°29	2♉ 8	15♓ 3	10°10	17°59	2°R58	1°23	29° 0	n.a.	T 2
W 3	0 37 35	7°39'11	11♓31	2° 3	21°55	4°30	7°33	2° 4	15° 1	10°12	18° 1	2°58	1°20	29° 7	n.a.	W 3
T 4	0 41 32	8°39'20	26°27	3°43	23° 4	5° 8	7°38	2° 0	14°59	10°14	18° 3	2°56	1°17	29°14	n.a.	T 4
F 5	0 45 28	9°39'32	11♈20	5°23	24°13	5°46	7°42	1°55	14°57	10°16	18° 6	2°53	1°14	29°20	n.a.	F 5
S 6	0 49 25	10°39'46	26° 1	7° 2	25°22	6°24	7°47	1°51	14°54	10°18	18° 8	2°47	1°11	29°27	n.a.	S 6
S 7	0 53 21	11°40'01	10♉24	8°40	26°30	7° 2	7°51	1°47	14°52	10°20	18°10	2°41	1° 8	29°34	n.a.	S 7
M 8	0 57 18	12°40'19	24°22	10°18	27°38	7°40	7°55	1°42	14°50	10°22	18°12	2°35	1° 4	29°40	n.a.	M 8
T 9	1 1 15	13°40'38	7♊53	11°56	28°47	8°18	7°58	1°38	14°48	10°24	18°14	2°29	1° 1	29°47	n.a.	T 9
W10	1 5 11	14°41'00	20°57	13°34	29°55	8°57	8° 2	1°33	14°46	10°26	18°17	2°25	0°58	29°54	n.a.	W10
T 11	1 9 8	15°41'24	3♋37	15°11	1♐ 3	9°35	8° 5	1°28	14°44	10°28	18°19	2°22	0°55	0♍ 0	n.a.	T 11
F 12	1 13 4	16°41'50	15°57	16°47	2°10	10°13	8° 8	1°24	14°42	10°30	18°21	2°D21	0°52	0° 7	n.a.	F 12
S 13	1 17 1	17°42'18	28° 0	18°24	3°18	10°51	8°11	1°19	14°40	10°32	18°23	2°22	0°49	0°14	n.a.	S 13
S 14	1 20 57	18°42'47	9♌52	20° 0	4°25	11°29	8°14	1°14	14°38	10°34	18°25	2°23	0°45	0°20	n.a.	S 14
M15	1 24 54	19°43'19	21°40	21°35	5°33	12° 7	8°17	1°10	14°36	10°36	18°27	2°24	0°42	0°27	n.a.	M15
T 16	1 28 51	20°43'53	3♍26	23°11	6°40	12°45	8°19	1° 5	14°35	10°39	18°29	2°R25	0°39	0°33	n.a.	T 16
W17	1 32 47	21°44'28	15°17	24°46	7°47	13°24	8°21	1° 0	14°33	10°41	18°31	2°24	0°36	0°40	n.a.	W17
T 18	1 36 44	22°45'05	27°15	26°21	8°54	14° 2	8°23	0°55	14°31	10°43	18°34	2°21	0°33	0°47	n.a.	T 18
F 19	1 40 40	23°45'44	9♎24	27°55	10° 0	14°40	8°25	0°50	14°29	10°45	18°36	2°15	0°29	0°53	n.a.	F 19
S 20	1 44 37	24°46'24	21°44	29°29	11° 7	15°18	8°27	0°45	14°28	10°47	18°38	2° 7	0°26	1° 0	n.a.	S 20
S 21	1 48 33	25°47'06	4♏18	1♏ 3	12°13	15°56	8°28	0°40	14°26	10°50	18°40	1°57	0°23	1° 7	n.a.	S 21
M22	1 52 30	26°47'50	17° 5	2°37	13°19	16°34	8°29	0°35	14°24	10°52	18°42	1°47	0°20	1°13	n.a.	M22
T 23	1 56 26	27°48'35	0♐ 4	4°11	14°25	17°12	8°30	0°30	14°23	10°54	18°44	1°37	0°17	1°20	n.a.	T 23
W24	2 0 23	28°49'21	13°16	5°44	15°31	17°51	8°31	0°26	14°21	10°56	18°45	1°28	0°14	1°27	n.a.	W24
T 25	2 4 19	29°50'09	26°39	7°17	16°36	18°29	8°32	0°21	14°20	10°58	18°47	1°21	0°10	1°33	n.a.	T 25
F 26	2 8 16	0♏50'58	10♑13	8°50	17°41	19° 7	8°32	0°16	14°18	11° 1	18°49	1°16	0° 7	1°40	n.a.	F 26
S 27	2 12 13	1°51'47	23°58	10°23	18°46	19°45	8°33	0°11	14°17	11° 3	18°51	1°14	0° 4	1°47	n.a.	S 27
S 28	2 16 9	2°52'38	7♒54	11°56	19°51	20°23	8°R33	0° 6	14°15	11° 5	18°53	1°D14	0° 1	1°53	n.a.	S 28
M29	2 20 6	3°53'30	22° 2	13°28	20°56	21° 1	8°33	0° 1	14°14	11° 7	18°55	1°15	29♒58	2° 0	n.a.	M29
T 30	2 24 2	4°54'23	6♓20	15° 1	22° 0	21°39	8°32	29♈56	14°13	11°10	18°57	1°R15	29°55	2° 7	n.a.	T 30
W31	2 27 59	5♏55'16	20♓46	16♏33	23♐ 4	22♍17	8♋32	29♈51	14♓12	11♏12	18♍58	1♓13	29♒51	2♍13	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	2s16	19s11	1s52	1n49	1n25	20s 2	2s17	11n37	1n16	23n39	0n10	9n55	2s37	6s40	0s48	13s20	1n46	20n 2	16n38	10s32	11s 5	12n12			n.a.
T 2	2 40	13 18	0 35	1 3	1 19	20 23	2 20	11 23	1 16	23 39	0 10	9 54	2 37	6 41	0 48	13 21	1 46	20 2	16 38	10 31	11 6	12 9			n.a.
W 3	3 4	6 36	0n47	0 18	1 14	20 45	2 23	11 9	1 16	23 39	0 10	9 52	2 37	6 42	0 48	13 21	1 46	20 1	16 39	10 31	11 7	12 6			n.a.
T 4	3 28	0n29	2 5	0s27	1 8	21 5	2 26	10 55	1 16	23 38	0 10	9 51	2 37	6 43	0 48	13 22	1 46	20 0	16 39	10 32	11 8	12 2			n.a.
F 5	3 52	7 30	3 14	1 13	1 2	21 26	2 29	10 40	1 16	23 38	0 10	9 49	2 37	6 43	0 47	13 23	1 46	19 59	16 39	10 33	11 9	11 59			n.a.
S 6	4 16	14 1	4 9	1 58	0 56	21 45	2 32	10 26	1 16	23 38	0 10	9 48	2 37	6 44	0 47	13 23	1 46	19 59	16 39	10 35	11 10	11 56			n.a.
S 7	4 40	19 38	4 47	2 43	0 50	22 5	2 34	10 12	1 16	23 38	0 10	9 46	2 37	6 45	0 47	13 24	1 46	19 58	16 40	10 38	11 11	11 53			n.a.
M 8	5 3	24 1	5 7	3 28	0 43	22 23	2 37	9 58	1 16	23 38	0 11	9 44	2 37	6 46	0 47	13 25	1 46	19 57	16 40	10 40	11 13	11 50			n.a.
T 9	5 27	26 56	5 9	4 12	0 37	22 41	2 39	9 43	1 16	23 38	0 11	9 43	2 37	6 47	0 47	13 25	1 46	19 57	16 40	10 42	11 14	11 46			n.a.
W10	5 51	28 17	4 54	4 56	0 31	22 59	2 42	9 29	1 16	23 38	0 11	9 41	2 37	6 47	0 47	13 26	1 46	19 56	16 40	10 44	11 15	11 43			n.a.
T 11	6 14	28 4	4 26	5 40	0 24	23 16	2 44	9 14	1 16	23 38	0 11	9 39	2 37	6 48	0 47	13 27	1 46	19 55	16 41	10 45	11 16	11 40			n.a.
F 12	6 38	26 28	3 45	6 24	0 18	23 32	2 46	9 0	1 16	23 38	0 11	9 38	2 37	6 49	0 47	13 27	1 46	19 55	16 41	10 45	11 17	11 37			n.a.
S 13	7 1	23 39	2 56	7 7	0 11	23 48	2 49	8 45	1 16	23 38	0 11	9 36	2 37	6 50	0 47	13 28	1 46	19 54	16 41	10 45	11 18	11 34			n.a.
S 14	7 25	19 52	1 59	7 50	0 4	24 3	2 51	8 30	1 16	23 38	0 12	9 34	2 37	6 50	0 47	13 29	1 46	19 54	16 41	10 44	11 19	11 30			n.a.
M15	7 48	15 21	0 58	8 32	0s 2	24 17	2 53	8 16	1 16	23 38	0 12	9 33	2 37	6 51	0 47	13 29	1 46	19 53	16 42	10 44	11 21	11 27			n.a.
T 16	8 11	10 16	0s 6	9 14	0 9	24 31	2 55	8 1	1 16	23 38	0 12	9 31	2 37	6 52	0 47	13 30	1 46	19 52	16 42	10 44	11 22	11 24			n.a.
W17	8 34	4 48	1 9	9 56	0 15	24 45	2 56	7 46	1 16	23 38	0 12	9 29	2 37	6 52	0 47	13 31	1 46	19 52	16 42	10 44	11 23	11 21			n.a.
T 18	8 57	0s53	2 10	10 37	0 22	24 57	2 58	7 31	1 16	23 38	0 12	9 28	2 37	6 53	0 47	13 31	1 46	19 51	16 43	10 45	11 24	11 18			n.a.
F 19	9 19	6 36	3 6	11 17	0 28	25 9	3 0	7 16	1 16	23 38	0 12	9 26	2 37	6 54	0 47	13 32	1 46	19 51	16 43	10 47	11 25	11 15			n.a.
S 20	9 42	12 10	3 53	11 57	0 35	25 20	3 1	7 2	1 16	23 38	0 13	9 24	2 37	6 54	0 47	13 33	1 46	19 50	16 43	10 50	11 26	11 11			n.a.
S 21	10 4	17 20	4 31	12 36	0 41	25 31	3 3	6 47	1 16	23 38	0 13	9 23	2 37	6 55	0 47	13 34	1 46	19 50	16 44	10 54	11 27	11 8			n.a.
M22	10 26	21 49	4 55	13 15	0 47	25 41	3 4	6 32	1 16	23 38	0 13	9 21	2 37	6 55	0 47	13 34	1 46	19 49	16 44	10 57	11 28	11 5			n.a.
T 23	10 48	25 21	5 5	13 53	0 54	25 50	3 5	6 17	1 16	23 38	0 13	9 19	2 37	6 56	0 47	13 35	1 46	19 49	16 44	11 1	11 30	11 2			n.a.
W24	11 10	27 34	4 59	14 31	1 0	25 59	3 6	6 2	1 16	23 38	0 13	9 18	2 37	6 57	0 47	13 36	1 46	19 48	16 45	11 4	11 31	10 58			n.a.
T 25	11 32	28 15	4 36	15 7	1 6	26 7	3 7	5 46	1 16	23 39	0 13	9 16	2 37	6 57	0 47	13 36	1 46	19 48	16 45	11 7	11 32	10 55			n.a.
F 26	11 54	27 15	3 58	15 43	1 11	26 14	3 8	5 31	1 16	23 39	0 14	9 14	2 37	6 58	0 47	13 37	1 46	19 48	16 45	11 8	11 33	10 52			n.a.
S 27	12 15	24 35	3 5	16 19	1 17	26 21	3 8	5 16	1 16	23 39	0 14	9 12	2 37	6 58	0 47	13 38	1 46	19 47	16 46	11 9	11 34	10 49			n.a.
S 28	12 36	20 26	2 1	16 53	1 23	26 27	3 9	5 1	1 16	23 39	0 14	9 11	2 37	6 59	0 47	13 39	1 46	19 47	16 46	11 9	11 35	10 46			n.a.
M29	12 57	15 5	0 49	17 27	1 28	26 32	3 9	4 46	1 16	23 39	0 14	9 9	2 37	6 59	0 47	13 39	1 46	19 46	16 47	11 9	11 36	10 42			n.a.
T 30	13 18	8 52	0n27	18 0	1 33	26 36	3 9	4 31	1 16	23 39	0 14	9 7	2 37	7 0	0 47	13 40	1 46	19 46	16 47	11 9	11 38	10 39			n.a.
W31	13s38	2s 8	1n42	18s32	1s38	26s40	3s10	4n15	1n16	23n40	0n14	9n 6	2s37	7s 0	0s47	13s41	1n46	19n46	16n47	11s 9	11s39	10n36			n.a.

Julian Day Number = 1720235.5, Delta T = 02h56m20s
Ecliptic obliquity = 23°41'52, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°06'23, Lahiri = - 3°59'23 Julian Calendar 1 Oct. 4 BCE == Greg. Calendar 29 Sept. 004 BCE

The year -03 astronomical counting style corresponds to year 004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4 BCE
geocentric

NOVEMBER 4 BCE (-3) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 31 55	6♏56'11	5♈16	18♏ 5	24♐ 7	22♍56	8°R31	29°R46	14°R10	11♏14	19♍ 0	1°R 9	29♒48	2♍20	n.a.	T 1
F 2	2 35 52	7°57'06	19°47	19°37	25°10	23°34	8♋30	29♈41	14♓ 9	11°16	19° 2	1♓ 2	29°45	2°26	n.a.	F 2
S 3	2 39 48	8°58'03	4♉10	21° 9	26°13	24°12	8°29	29°36	14° 8	11°19	19° 4	0°53	29°42	2°33	n.a.	S 3
S 4	2 43 45	9°59'01	18°21	22°41	27°16	24°50	8°28	29°32	14° 7	11°21	19° 5	0°42	29°39	2°40	n.a.	S 4
M 5	2 47 42	11° 0'00	2♊13	24°12	28°18	25°28	8°26	29°27	14° 6	11°23	19° 7	0°30	29°35	2°46	n.a.	M 5
T 6	2 51 38	12° 1'00	15°42	25°43	29°20	26° 6	8°24	29°22	14° 5	11°25	19° 9	0°19	29°32	2°53	n.a.	T 6
W 7	2 55 35	13° 2'01	28°48	27°14	0♌22	26°44	8°22	29°17	14° 4	11°28	19°10	0° 9	29°29	3° 0	n.a.	W 7
T 8	2 59 31	14° 3'04	11♋30	28°45	1°23	27°22	8°20	29°13	14° 3	11°30	19°12	0° 2	29°26	3° 6	n.a.	T 8
F 9	3 3 28	15° 4'07	23°51	0♐15	2°24	28° 0	8°18	29° 8	14° 2	11°32	19°13	29♒58	29°23	3°13	n.a.	F 9
S 10	3 7 24	16° 5'12	5♌56	1°44	3°25	28°39	8°15	29° 3	14° 2	11°34	19°15	29°56	29°20	3°20	n.a.	S 10
S 11	3 11 21	17° 6'18	17°50	3°14	4°25	29°17	8°13	28°59	14° 1	11°37	19°16	29°D55	29°16	3°26	n.a.	S 11
M12	3 15 18	18° 7'25	29°38	4°42	5°24	29°55	8°10	28°54	14° 0	11°39	19°18	29°R55	29°13	3°33	n.a.	M12
T 13	3 19 14	19° 8'33	11♍25	6°10	6°23	0♎33	8° 7	28°50	13°59	11°41	19°19	29°55	29°10	3°40	n.a.	T 13
W14	3 23 11	20° 9'42	23°18	7°37	7°22	1°11	8° 4	28°45	13°59	11°43	19°21	29°53	29° 7	3°46	n.a.	W14
T 15	3 27 7	21°10'52	5♎21	9° 3	8°20	1°49	8° 0	28°41	13°58	11°46	19°22	29°48	29° 4	3°53	n.a.	T 15
F 16	3 31 4	22°12'02	17°37	10°27	9°18	2°27	7°56	28°37	13°58	11°48	19°23	29°41	29° 0	3°59	n.a.	F 16
S 17	3 35 0	23°13'14	0♏10	11°50	10°15	3° 5	7°53	28°32	13°57	11°50	19°25	29°30	28°57	4° 6	n.a.	S 17
S 18	3 38 57	24°14'26	13° 0	13°12	11°12	3°43	7°49	28°28	13°57	11°52	19°26	29°18	28°54	4°13	n.a.	S 18
M19	3 42 53	25°15'39	26° 8	14°31	12° 8	4°21	7°44	28°24	13°57	11°55	19°27	29° 4	28°51	4°19	n.a.	M19
T 20	3 46 50	26°16'53	9♐32	15°48	13° 4	4°59	7°40	28°20	13°56	11°57	19°29	28°50	28°48	4°26	n.a.	T 20
W21	3 50 47	27°18'07	23° 9	17° 2	13°59	5°38	7°35	28°16	13°56	11°59	19°30	28°38	28°45	4°33	n.a.	W21
T 22	3 54 43	28°19'21	6♑56	18°12	14°53	6°16	7°31	28°12	13°56	12° 1	19°31	28°29	28°41	4°39	n.a.	T 22
F 23	3 58 40	29°20'36	20°50	19°19	15°47	6°54	7°26	28° 8	13°56	12° 3	19°32	28°22	28°38	4°46	n.a.	F 23
S 24	4 2 36	0♐21'50	4♒48	20°21	16°40	7°32	7°21	28° 4	13°56	12° 6	19°33	28°18	28°35	4°53	n.a.	S 24
S 25	4 6 33	1°23'05	18°49	21°19	17°32	8°10	7°16	28° 1	13°D56	12° 8	19°34	28°17	28°32	4°59	n.a.	S 25
M26	4 10 29	2°24'20	2♓53	22°10	18°24	8°48	7°10	27°57	13°56	12°10	19°35	28°17	28°29	5° 6	n.a.	M26
T 27	4 14 26	3°25'34	16°58	22°54	19°14	9°26	7° 5	27°53	13°56	12°12	19°36	28°17	28°26	5°13	n.a.	T 27
W28	4 18 22	4°26'48	1♈ 4	23°31	20° 4	10° 4	6°59	27°50	13°56	12°14	19°37	28°15	28°22	5°19	n.a.	W28
T 29	4 22 19	5°28'02	15° 9	23°59	20°53	10°42	6°53	27°47	13°56	12°16	19°38	28°10	28°19	5°26	n.a.	T 29
F 30	4 26 16	6♐29'16	29♈11	24♐18	21♑42	11♎20	6♋47	27♈43	13♓56	12♏18	19♍39	28♒ 3	28♒16	5♍33	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13 s59	4n43	2n51	19 s 3	1 s43	26 s43	3 s 9	4n 0	1n16	23n40	0n15	9n 4	2 s37	7 s 1	0 s47	13 s41	1n46	19n45	16n48	11 s11	11 s40	10n33		n.a.
F 2	14 19	11 20	3 48	19 33	1 48	26 46	3 9	3 45	1 16	23 40	0 15	9 3	2 37	7 1	0 47	13 42	1 46	19 45	16 48	11 13	11 41	10 29		n.a.
S 3	14 38	17 17	4 30	20 2	1 52	26 47	3 9	3 30	1 16	23 40	0 15	9 1	2 36	7 1	0 47	13 43	1 46	19 45	16 49	11 17	11 42	10 26		n.a.
S 4	14 58	22 12	4 55	20 30	1 56	26 49	3 8	3 14	1 16	23 41	0 15	8 59	2 36	7 2	0 47	13 44	1 46	19 45	16 49	11 21	11 43	10 23		n.a.
M 5	15 17	25 45	5 2	20 57	2 0	26 49	3 8	2 59	1 16	23 41	0 15	8 58	2 36	7 2	0 47	13 44	1 46	19 44	16 50	11 25	11 44	10 20		n.a.
T 6	15 36	27 45	4 51	21 23	2 3	26 49	3 7	2 44	1 16	23 41	0 15	8 56	2 36	7 3	0 47	13 45	1 46	19 44	16 50	11 29	11 45	10 17		n.a.
W 7	15 55	28 7	4 26	21 48	2 7	26 48	3 6	2 28	1 16	23 41	0 16	8 55	2 36	7 3	0 47	13 46	1 46	19 44	16 51	11 32	11 47	10 13		n.a.
T 8	16 14	26 58	3 47	22 12	2 10	26 46	3 5	2 13	1 16	23 42	0 16	8 53	2 36	7 3	0 46	13 46	1 46	19 44	16 51	11 35	11 48	10 10		n.a.
F 9	16 32	24 30	2 59	22 34	2 12	26 44	3 3	1 57	1 16	23 42	0 16	8 51	2 36	7 3	0 46	13 47	1 46	19 43	16 52	11 36	11 49	10 7		n.a.
S 10	16 50	20 59	2 4	22 55	2 14	26 41	3 2	1 42	1 16	23 42	0 16	8 50	2 36	7 4	0 46	13 48	1 46	19 43	16 52	11 37	11 50	10 4		n.a.
S 11	17 7	16 40	1 4	23 15	2 16	26 38	3 0	1 27	1 16	23 43	0 16	8 48	2 35	7 4	0 46	13 48	1 46	19 43	16 52	11 37	11 51	10 0		n.a.
M12	17 25	11 45	0 2	23 33	2 17	26 33	2 58	1 11	1 16	23 43	0 17	8 47	2 35	7 4	0 46	13 49	1 46	19 43	16 53	11 37	11 52	9 57		n.a.
T 13	17 42	6 25	1 s 1	23 50	2 18	26 29	2 56	0 56	1 15	23 43	0 17	8 46	2 35	7 4	0 46	13 50	1 46	19 43	16 53	11 37	11 53	9 54		n.a.
W14	17 59	0 51	2 1	24 5	2 18	26 23	2 54	0 40	1 15	23 44	0 17	8 44	2 35	7 5	0 46	13 51	1 46	19 43	16 54	11 38	11 54	9 51		n.a.
T 15	18 15	4 s50	2 56	24 19	2 18	26 17	2 52	0 25	1 15	23 44	0 17	8 43	2 35	7 5	0 46	13 51	1 46	19 43	16 54	11 40	11 55	9 47		n.a.
F 16	18 31	10 26	3 44	24 31	2 17	26 11	2 49	0 10	1 15	23 45	0 17	8 41	2 35	7 5	0 46	13 52	1 46	19 42	16 55	11 42	11 57	9 44		n.a.
S 17	18 47	15 44	4 22	24 42	2 16	26 3	2 46	0 s 6	1 15	23 45	0 17	8 40	2 34	7 5	0 46	13 53	1 46	19 42	16 55	11 46	11 58	9 41		n.a.
S 18	19 2	20 29	4 48	24 50	2 14	25 56	2 43	0 21	1 15	23 45	0 18	8 39	2 34	7 5	0 46	13 53	1 46	19 42	16 56	11 51	11 59	9 38		n.a.
M19	19 17	24 20	5 0	24 57	2 11	25 47	2 40	0 36	1 15	23 46	0 18	8 37	2 34	7 5	0 46	13 54	1 46	19 42	16 57	11 55	12 0	9 34		n.a.
T 20	19 32	26 58	4 55	25 2	2 7	25 39	2 36	0 52	1 15	23 46	0 18	8 36	2 34	7 5	0 46	13 55	1 46	19 42	16 57	12 0	12 1	9 31		n.a.
W21	19 46	28 4	4 33	25 5	2 2	25 29	2 33	1 7	1 15	23 47	0 18	8 35	2 34	7 5	0 46	13 55	1 46	19 42	16 58	12 4	12 2	9 28		n.a.
T 22	20 0	27 26	3 56	25 7	1 57	25 19	2 29	1 22	1 14	23 47	0 18	8 34	2 34	7 5	0 46	13 56	1 46	19 42	16 58	12 8	12 3	9 24		n.a.
F 23	20 14	25 6	3 4	25 6	1 51	25 9	2 25	1 38	1 14	23 48	0 19	8 32	2 33	7 6	0 46	13 57	1 46	19 42	16 59	12 10	12 4	9 21		n.a.
S 24	20 27	21 13	2 1	25 3	1 43	24 58	2 20	1 53	1 14	23 48	0 19	8 31	2 33	7 6	0 46	13 57	1 46	19 42	16 59	12 11	12 6	9 18		n.a.
S 25	20 40	16 8	0 50	24 59	1 34	24 47	2 16	2 8	1 14	23 49	0 19	8 30	2 33	7 5	0 46	13 58	1 46	19 43	17 0	12 12	12 7	9 15		n.a.
M26	20 52	10 11	0n24	24 52	1 25	24 35	2 11	2 24	1 14	23 49	0 19	8 29	2 33	7 5	0 46	13 59	1 46	19 43	17 0	12 12	12 8	9 11		n.a.
T 27	21 4	3 43	1 37	24 44	1 14	24 23	2 6	2 39	1 14	23 50	0 19	8 28	2 32	7 5	0 46	13 59	1 46	19 43	17 1	12 12	12 9	9 8		n.a.
W28	21 16	2n56	2 44	24 33	1 1	24 10	2 1	2 54	1 14	23 50	0 19	8 27	2 32	7 5	0 46	14 0	1 46	19 43	17 1	12 13	12 10	9 5		n.a.
T 29	21 27	9 25	3 41	24 21	0 48	23 57	1 55	3 9	1 13	23 51	0 20	8 26	2 32	7 5	0 46	14 0	1 46	19 43	17 2	12 14	12 11	9 2		n.a.
F 30	21 s38	15n24	4n24	24 s 7	0 s33	23 s44	1 s49	3 s24	1n13	23n51	0n20	8n25	2 s32	7 s 5	0 s46	14 s 1	1n46	19n43	17n 3	12 s17	12 s12	8n58		n.a.

Julian Day Number = 1720266.5, Delta T = 02h56m19s
Ecliptic obliquity = 23°41'51, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°06'19, Lahiri = - 3°59'18 Julian Calendar 1 Nov. 4 BCE == Greg. Calendar 30 Oct. 004 BCE

The year -03 astronomical counting style corresponds to year 004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4 BCE
geocentric

DECEMBER 4 BCE (-3) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 30 12	7♐30'30	13♉ 8	24°R26	22♑29	11♎58	6°R41	27°R40	13♓57	12♏21	19♍40	27°R52	28♒13	5♍39	n.a.	S 1
S 2	4 34 9	8°31'45	26°54	24♐23	23°15	12°36	6♋35	27♈37	13°57	12°23	19°41	27♒40	28°10	5°46	n.a.	S 2
M 3	4 38 5	9°32'59	10♊26	24° 9	24° 1	13°14	6°28	27°34	13°57	12°25	19°42	27°27	28° 6	5°52	n.a.	M 3
T 4	4 42 2	10°34'13	23°41	23°43	24°45	13°52	6°22	27°31	13°58	12°27	19°42	27°14	28° 3	5°59	n.a.	T 4
W 5	4 45 58	11°35'27	6♋38	23° 5	25°28	14°29	6°15	27°28	13°58	12°29	19°43	27° 3	28° 0	6° 6	n.a.	W 5
T 6	4 49 55	12°36'41	19°15	22°16	26°10	15° 7	6° 9	27°25	13°59	12°31	19°44	26°55	27°57	6°12	n.a.	T 6
F 7	4 53 52	13°37'55	1♌35	21°17	26°51	15°45	6° 2	27°23	13°59	12°33	19°44	26°50	27°54	6°19	n.a.	F 7
S 8	4 57 48	14°39'08	13°40	20° 9	27°31	16°23	5°55	27°20	14° 0	12°35	19°45	26°47	27°51	6°26	n.a.	S 8
S 9	5 1 45	15°40'22	25°34	18°55	28°10	17° 1	5°48	27°18	14° 1	12°37	19°46	26°D46	27°47	6°32	n.a.	S 9
M10	5 5 41	16°41'36	7♍23	17°36	28°47	17°39	5°40	27°15	14° 2	12°39	19°46	26°46	27°44	6°39	n.a.	M10
T 11	5 9 38	17°42'50	19°11	16°16	29°23	18°17	5°33	27°13	14° 2	12°41	19°47	26°R46	27°41	6°46	n.a.	T 11
W12	5 13 34	18°44'04	1♎ 4	14°56	29°57	18°55	5°26	27°11	14° 3	12°43	19°47	26°45	27°38	6°52	n.a.	W12
T 13	5 17 31	19°45'17	13° 7	13°40	0♒30	19°33	5°18	27° 9	14° 4	12°45	19°48	26°43	27°35	6°59	n.a.	T 13
F 14	5 21 27	20°46'30	25°26	12°30	1° 2	20°11	5°11	27° 7	14° 5	12°46	19°48	26°37	27°32	7° 6	n.a.	F 14
S 15	5 25 24	21°47'44	8♏ 5	11°27	1°32	20°48	5° 3	27° 5	14° 6	12°48	19°48	26°30	27°28	7°12	n.a.	S 15
S 16	5 29 21	22°48'57	21° 5	10°32	2° 0	21°26	4°55	27° 4	14° 7	12°50	19°49	26°20	27°25	7°19	n.a.	S 16
M17	5 33 17	23°50'09	4♐28	9°46	2°27	22° 4	4°48	27° 2	14° 8	12°52	19°49	26° 9	27°22	7°26	n.a.	M17
T 18	5 37 14	24°51'21	18°11	9°10	2°52	22°42	4°40	27° 0	14° 9	12°54	19°49	25°58	27°19	7°32	n.a.	T 18
W19	5 41 10	25°52'33	2♑13	8°43	3°15	23°20	4°32	26°59	14°11	12°56	19°50	25°48	27°16	7°39	n.a.	W19
T 20	5 45 7	26°53'44	16°27	8°26	3°36	23°57	4°24	26°58	14°12	12°57	19°50	25°40	27°12	7°46	n.a.	T 20
F 21	5 49 3	27°54'54	0♒48	8°D18	3°55	24°35	4°16	26°57	14°13	12°59	19°50	25°35	27° 9	7°52	n.a.	F 21
S 22	5 53 0	28°56'03	15°12	8°18	4°12	25°13	4° 8	26°56	14°14	13° 1	19°50	25°32	27° 6	7°59	n.a.	S 22
S 23	5 56 57	29°57'11	29°33	8°26	4°27	25°50	4° 0	26°55	14°16	13° 3	19°50	25°D32	27° 3	8° 5	n.a.	S 23
M24	6 0 53	0♑58'18	13♓48	8°42	4°40	26°28	3°52	26°54	14°17	13° 4	19°50	25°32	27° 0	8°12	n.a.	M24
T 25	6 4 50	1°59'23	27°56	9° 4	4°50	27° 6	3°44	26°53	14°19	13° 6	19°R50	25°R33	26°57	8°19	n.a.	T 25
W26	6 8 46	3° 0'28	11♈55	9°33	4°59	27°43	3°36	26°53	14°20	13° 8	19°50	25°33	26°53	8°25	n.a.	W26
T 27	6 12 43	4° 1'31	25°45	10° 7	5° 5	28°21	3°28	26°52	14°22	13° 9	19°50	25°31	26°50	8°32	n.a.	T 27
F 28	6 16 39	5° 2'33	9♉26	10°46	5° 8	28°59	3°20	26°52	14°24	13°11	19°50	25°26	26°47	8°39	n.a.	F 28
S 29	6 20 36	6° 3'34	22°57	11°30	5°R 9	29°36	3°12	26°51	14°25	13°12	19°50	25°20	26°44	8°45	n.a.	S 29
S 30	6 24 32	7° 4'33	6♊16	12°18	5° 8	0♏14	3° 4	26°51	14°27	13°14	19°50	25°11	26°41	8°52	n.a.	S 30
M31	6 28 29	8♑ 5'32	19♊23	13♐10	5♒ 4	0♏51	2♋56	26°D51	14♓29	13♏15	19♍49	25♒ 3	26♒38	8♍59	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s48	20n33	4n51	23s52	0s17	23s30	1s43	3s39	1n13	23n52	0n20	8n24	2s31	7s 5	0s46	14s 2	1n46	19n43	17n 3	12s21	12s13	8n55		n.a.
S 2	21 58	24 32	5 0	23 34	0n 0	23 16	1 37	3 55	1 13	23 52	0 20	8 23	2 31	7 5	0 45	14 2	1 46	19 44	17 4	12 25	12 14	8 52		n.a.
M 3	22 7	27 5	4 53	23 15	0 19	23 1	1 30	4 10	1 13	23 53	0 20	8 22	2 31	7 5	0 45	14 3	1 46	19 44	17 4	12 29	12 16	8 48		n.a.
T 4	22 16	28 2	4 30	22 55	0 38	22 46	1 23	4 25	1 13	23 53	0 21	8 22	2 31	7 4	0 45	14 4	1 46	19 44	17 5	12 34	12 17	8 45		n.a.
W 5	22 25	27 24	3 53	22 33	0 58	22 31	1 16	4 40	1 12	23 54	0 21	8 21	2 30	7 4	0 45	14 4	1 46	19 44	17 5	12 37	12 18	8 42		n.a.
T 6	22 33	25 21	3 5	22 11	1 17	22 16	1 9	4 55	1 12	23 54	0 21	8 20	2 30	7 4	0 45	14 5	1 46	19 44	17 6	12 40	12 19	8 39		n.a.
F 7	22 41	22 7	2 10	21 48	1 37	22 1	1 1	5 10	1 12	23 55	0 21	8 19	2 30	7 4	0 45	14 5	1 46	19 45	17 7	12 42	12 20	8 35		n.a.
S 8	22 48	18 0	1 9	21 24	1 56	21 45	0 53	5 24	1 12	23 55	0 21	8 19	2 30	7 3	0 45	14 6	1 46	19 45	17 7	12 43	12 21	8 32		n.a.
S 9	22 55	13 14	0 6	21 0	2 14	21 29	0 45	5 39	1 12	23 55	0 21	8 18	2 29	7 3	0 45	14 7	1 46	19 45	17 8	12 44	12 22	8 29		n.a.
M10	23 1	8 1	0s56	20 37	2 30	21 13	0 36	5 54	1 11	23 56	0 22	8 17	2 29	7 3	0 45	14 7	1 46	19 46	17 8	12 43	12 23	8 25		n.a.
T 11	23 7	2 33	1 56	20 15	2 45	20 57	0 27	6 9	1 11	23 56	0 22	8 17	2 29	7 2	0 45	14 8	1 46	19 46	17 9	12 43	12 24	8 22		n.a.
W12	23 13	3s 3	2 52	19 55	2 57	20 40	0 18	6 24	1 11	23 57	0 22	8 16	2 29	7 2	0 45	14 8	1 46	19 46	17 10	12 44	12 26	8 19		n.a.
T 13	23 18	8 37	3 41	19 36	3 6	20 24	0 9	6 38	1 11	23 57	0 22	8 16	2 28	7 2	0 45	14 9	1 46	19 47	17 10	12 45	12 27	8 16		n.a.
F 14	23 22	13 58	4 20	19 20	3 14	20 7	0n 1	6 53	1 10	23 58	0 22	8 15	2 28	7 1	0 45	14 9	1 46	19 47	17 11	12 46	12 28	8 12		n.a.
S 15	23 26	18 53	4 48	19 7	3 19	19 51	0 11	7 8	1 10	23 58	0 22	8 15	2 28	7 1	0 45	14 10	1 46	19 47	17 11	12 49	12 29	8 9		n.a.
S 16	23 30	23 4	5 2	18 57	3 21	19 34	0 22	7 22	1 10	23 59	0 23	8 15	2 27	7 0	0 45	14 10	1 46	19 48	17 12	12 52	12 30	8 6		n.a.
M17	23 33	26 11	5 0	18 50	3 22	19 18	0 33	7 37	1 10	23 59	0 23	8 14	2 27	7 0	0 45	14 11	1 46	19 48	17 13	12 56	12 31	8 2		n.a.
T 18	23 36	27 50	4 41	18 46	3 20	19 1	0 44	7 51	1 9	24 0	0 23	8 14	2 27	6 59	0 45	14 11	1 46	19 49	17 13	13 0	12 32	7 59		n.a.
W19	23 38	27 46	4 5	18 45	3 17	18 45	0 55	8 5	1 9	24 0	0 23	8 14	2 27	6 59	0 45	14 12	1 46	19 49	17 14	13 3	12 33	7 56		n.a.
T 20	23 40	25 52	3 13	18 46	3 13	18 28	1 7	8 20	1 9	24 1	0 23	8 14	2 26	6 58	0 45	14 12	1 46	19 50	17 14	13 6	12 34	7 52		n.a.
F 21	23 41	22 17	2 8	18 51	3 7	18 12	1 19	8 34	1 8	24 1	0 23	8 14	2 26	6 58	0 45	14 13	1 46	19 50	17 15	13 8	12 35	7 49		n.a.
S 22	23 42	17 20	0 55	18 57	3 0	17 56	1 31	8 48	1 8	24 1	0 23	8 13	2 26	6 57	0 45	14 13	1 46	19 50	17 16	13 9	12 37	7 46		n.a.
S 23	23 42	11 25	0n22	19 6	2 53	17 40	1 44	9 2	1 8	24 2	0 24	8 13	2 25	6 57	0 45	14 14	1 46	19 51	17 16	13 9	12 38	7 43		n.a.
M24	23 42	4 57	1 37	19 17	2 45	17 25	1 57	9 16	1 8	24 2	0 24	8 13	2 25	6 56	0 45	14 14	1 46	19 51	17 17	13 9	12 39	7 39		n.a.
T 25	23 41	1n41	2 45	19 29	2 36	17 9	2 10	9 30	1 7	24 3	0 24	8 13	2 25	6 55	0 45	14 15	1 47	19 52	17 17	13 8	12 40	7 36		n.a.
W26	23 40	8 10	3 43	19 42	2 27	16 54	2 24	9 44	1 7	24 3	0 24	8 14	2 24	6 55	0 45	14 15	1 47	19 53	17 18	13 8	12 41	7 33		n.a.
T 27	23 38	14 12	4 27	19 56	2 18	16 39	2 37	9 58	1 7	24 3	0 24	8 14	2 24	6 54	0 44	14 16	1 47	19 53	17 18	13 9	12 42	7 29		n.a.
F 28	23 36	19 27	4 55	20 11	2 8	16 25	2 51	10 12	1 6	24 4	0 24	8 14	2 24	6 53	0 44	14 16	1 47	19 54	17 19	13 11	12 43	7 26		n.a.
S 29	23 33	23 39	5 7	20 27	1 59	16 11	3 6	10 26	1 6	24 4	0 24	8 14	2 24	6 53	0 44	14 17	1 47	19 54	17 20	13 13	12 44	7 23		n.a.
S 30	23 30	26 32	5 1	20 43	1 49	15 57	3 20	10 39	1 5	24 4	0 25	8 14	2 23	6 52	0 44	14 17	1 47	19 55	17 20	13 16	12 45	7 19		n.a.
M31	23s27	27n55	4n40	20s59	1n39	15s44	3n34	10s53	1n 5	24n 5	0n25	8n15	2s23	6s51	0s44	14s17	1n47	19n55	17n21	13s19	12s46	7n16		n.a.

Julian Day Number = 1720296.5, Delta T = 02h56m18s
Ecliptic obliquity = 23°41'50, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°06'15, Lahiri = - 3°59'14 Julian Calendar 1 Dec. 4 BCE == Greg. Calendar 29 Nov. 004 BCE

The year -03 astronomical counting style corresponds to year 004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 3 BCE
geocentric

JANUARY 3 BCE (-2) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 32 26	9♉ 6'29	2♋17	14♐ 5	4°R57	1♏29	2°R48	26♈51	14♓31	13♏17	19°R49	24°R54	26♒34	9♍ 5	n.a.	T 1
W 2	6 36 22	10° 7'25	14°56	15° 4	4♒48	2° 6	2♋40	26°52	14°32	13°18	19♍49	24♒47	26°31	9°12	n.a.	W 2
T 3	6 40 19	11° 8'20	27°22	16° 5	4°37	2°44	2°32	26°52	14°34	13°20	19°49	24°41	26°28	9°19	n.a.	T 3
F 4	6 44 15	12° 9'14	9♌34	17° 9	4°22	3°21	2°24	26°52	14°36	13°21	19°48	24°38	26°25	9°25	n.a.	F 4
S 5	6 48 12	13°10'06	21°35	18°15	4° 6	3°59	2°17	26°53	14°38	13°22	19°48	24°D36	26°22	9°32	n.a.	S 5
S 6	6 52 8	14°10'58	3♍28	19°23	3°47	4°36	2° 9	26°54	14°40	13°24	19°48	24°37	26°18	9°39	n.a.	S 6
M 7	6 56 5	15°11'48	15°16	20°34	3°25	5°13	2° 1	26°54	14°42	13°25	19°47	24°38	26°15	9°45	n.a.	M 7
T 8	7 0 1	16°12'37	27° 4	21°46	3° 2	5°51	1°54	26°55	14°44	13°26	19°47	24°40	26°12	9°52	n.a.	T 8
W 9	7 3 58	17°13'26	8♎56	23° 0	2°36	6°28	1°46	26°56	14°47	13°28	19°46	24°41	26° 9	9°58	n.a.	W 9
T 10	7 7 55	18°14'13	20°59	24°15	2° 8	7° 5	1°39	26°57	14°49	13°29	19°46	24°R42	26° 6	10° 5	n.a.	T 10
F 11	7 11 51	19°14'58	3♏16	25°32	1°38	7°43	1°31	26°59	14°51	13°30	19°45	24°41	26° 3	10°12	n.a.	F 11
S 12	7 15 48	20°15'43	15°53	26°51	1° 7	8°20	1°24	27° 0	14°53	13°31	19°44	24°38	25°59	10°18	n.a.	S 12
S 13	7 19 44	21°16'27	28°53	28°11	0°34	8°57	1°17	27° 1	14°56	13°32	19°44	24°34	25°56	10°25	n.a.	S 13
M14	7 23 41	22°17'09	12♐19	29°32	29♉59	9°34	1°10	27° 3	14°58	13°33	19°43	24°29	25°53	10°32	n.a.	M14
T 15	7 27 37	23°17'50	26°10	0♉54	29°24	10°12	1° 3	27° 5	15° 0	13°34	19°42	24°24	25°50	10°38	n.a.	T 15
W16	7 31 34	24°18'30	10♉25	2°18	28°48	10°49	0°56	27° 6	15° 3	13°36	19°42	24°19	25°47	10°45	n.a.	W16
T 17	7 35 30	25°19'08	24°59	3°42	28°11	11°26	0°49	27° 8	15° 5	13°37	19°41	24°15	25°44	10°52	n.a.	T 17
F 18	7 39 27	26°19'44	9♒44	5° 8	27°33	12° 3	0°42	27°10	15° 8	13°38	19°40	24°13	25°40	10°58	n.a.	F 18
S 19	7 43 24	27°20'19	24°35	6°35	26°56	12°40	0°36	27°13	15°10	13°38	19°39	24°D13	25°37	11° 5	n.a.	S 19
S 20	7 47 20	28°20'52	9♓22	8° 3	26°18	13°17	0°29	27°15	15°13	13°39	19°38	24°13	25°34	11°12	n.a.	S 20
M21	7 51 17	29°21'23	24° 0	9°32	25°41	13°54	0°23	27°17	15°15	13°40	19°38	24°14	25°31	11°18	n.a.	M21
T 22	7 55 13	0♒21'52	8♈25	11° 2	25° 5	14°31	0°17	27°20	15°18	13°41	19°37	24°16	25°28	11°25	n.a.	T 22
W23	7 59 10	1°22'19	22°32	12°33	24°30	15° 8	0°11	27°22	15°21	13°42	19°36	24°17	25°24	11°32	n.a.	W23
T 24	8 3 6	2°22'43	6♉22	14° 4	23°55	15°44	0° 5	27°25	15°23	13°43	19°35	24°R17	25°21	11°38	n.a.	T 24
F 25	8 7 3	3°23'06	19°54	15°37	23°22	16°21	29♊59	27°27	15°26	13°43	19°34	24°16	25°18	11°45	n.a.	F 25
S 26	8 10 59	4°23'27	3♊10	17°11	22°50	16°58	29°54	27°30	15°29	13°44	19°33	24°14	25°15	11°52	n.a.	S 26
S 27	8 14 56	5°23'46	16° 9	18°46	22°20	17°35	29°49	27°33	15°32	13°45	19°32	24°12	25°12	11°58	n.a.	S 27
M28	8 18 53	6°24'02	28°55	20°22	21°52	18°11	29°43	27°36	15°34	13°46	19°31	24° 9	25° 9	12° 5	n.a.	M28
T 29	8 22 49	7°24'17	11♋27	21°59	21°26	18°48	29°38	27°40	15°37	13°46	19°29	24° 6	25° 5	12°12	n.a.	T 29
W30	8 26 46	8°24'30	23°48	23°36	21° 2	19°24	29°33	27°43	15°40	13°47	19°28	24° 4	25° 2	12°18	n.a.	W30
T 31	8 30 42	9♒24'40	5♌59	25♉15	20♉41	20♏ 1	29♊29	27♈46	15♓43	13♏47	19♍27	24♒ 3	24♒59	12♍25	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s23	27n45	4n 5	21 s16	1n29	15 s32	3n49	11 s 6	1n 5	24n 5	0n25	8n15	2 s23	6 s51	0 s44	14 s18	1n47	19n56	17n21	13 s22	12 s47	7n13			n.a.
W 2	23 18	26 8	3 18	21 32	1 19	15 20	4 4	11 20	1 4	24 5	0 25	8 15	2 22	6 50	0 44	14 18	1 47	19 57	17 22	13 24	12 49	7 9			n.a.
T 3	23 13	23 14	2 22	21 48	1 10	15 8	4 19	11 33	1 4	24 6	0 25	8 16	2 22	6 49	0 44	14 19	1 47	19 57	17 22	13 26	12 50	7 6			n.a.
F 4	23 8	19 21	1 21	22 4	1 0	14 57	4 33	11 46	1 4	24 6	0 25	8 16	2 22	6 48	0 44	14 19	1 47	19 58	17 23	13 27	12 51	7 3			n.a.
S 5	23 2	14 43	0 16	22 20	0 50	14 47	4 48	11 59	1 3	24 6	0 25	8 17	2 21	6 47	0 44	14 19	1 47	19 59	17 24	13 28	12 52	7 0			n.a.
S 6	22 56	9 36	0 s48	22 35	0 41	14 37	5 3	12 13	1 3	24 6	0 26	8 17	2 21	6 47	0 44	14 20	1 47	19 59	17 24	13 28	12 53	6 56			n.a.
M 7	22 49	4 11	1 50	22 50	0 32	14 28	5 17	12 26	1 2	24 7	0 26	8 18	2 21	6 46	0 44	14 20	1 47	20 0	17 25	13 27	12 54	6 53			n.a.
T 8	22 42	1 s23	2 48	23 4	0 23	14 19	5 31	12 39	1 2	24 7	0 26	8 18	2 20	6 45	0 44	14 20	1 47	20 1	17 25	13 26	12 55	6 50			n.a.
W 9	22 34	6 55	3 38	23 17	0 14	14 11	5 45	12 51	1 1	24 7	0 26	8 19	2 20	6 44	0 44	14 21	1 47	20 1	17 26	13 26	12 56	6 46			n.a.
T 10	22 26	12 17	4 20	23 29	0 5	14 4	5 59	13 4	1 1	24 7	0 26	8 20	2 20	6 43	0 44	14 21	1 47	20 2	17 26	13 26	12 57	6 43			n.a.
F 11	22 18	17 17	4 51	23 40	0 s 3	13 58	6 12	13 17	1 0	24 7	0 26	8 20	2 19	6 42	0 44	14 21	1 47	20 3	17 27	13 26	12 58	6 40			n.a.
S 12	22 9	21 41	5 9	23 51	0 11	13 52	6 25	13 29	1 0	24 8	0 26	8 21	2 19	6 41	0 44	14 22	1 47	20 4	17 27	13 27	12 59	6 36			n.a.
S 13	22 0	25 11	5 11	24 1	0 19	13 47	6 37	13 42	0 59	24 8	0 26	8 22	2 19	6 40	0 44	14 22	1 47	20 4	17 28	13 28	13 1	6 33			n.a.
M14	21 50	27 26	4 57	24 9	0 27	13 43	6 48	13 54	0 59	24 8	0 26	8 23	2 19	6 39	0 44	14 22	1 47	20 5	17 28	13 30	13 2	6 30			n.a.
T 15	21 40	28 4	4 26	24 16	0 35	13 40	6 59	14 7	0 58	24 8	0 27	8 24	2 18	6 38	0 44	14 22	1 48	20 6	17 29	13 32	13 3	6 26			n.a.
W16	21 29	26 54	3 37	24 23	0 42	13 37	7 9	14 19	0 58	24 8	0 27	8 25	2 18	6 38	0 44	14 23	1 48	20 7	17 30	13 33	13 4	6 23			n.a.
T 17	21 18	23 53	2 34	24 28	0 49	13 35	7 19	14 31	0 57	24 8	0 27	8 26	2 18	6 37	0 44	14 23	1 48	20 7	17 30	13 35	13 5	6 20			n.a.
F 18	21 7	19 16	1 19	24 32	0 56	13 34	7 27	14 43	0 57	24 9	0 27	8 27	2 17	6 36	0 44	14 23	1 48	20 8	17 31	13 35	13 6	6 16			n.a.
S 19	20 55	13 26	0n 2	24 34	1 3	13 33	7 35	14 55	0 56	24 9	0 27	8 28	2 17	6 35	0 44	14 23	1 48	20 9	17 31	13 36	13 7	6 13			n.a.
S 20	20 43	6 52	1 22	24 36	1 9	13 33	7 42	15 7	0 56	24 9	0 27	8 29	2 17	6 33	0 44	14 24	1 48	20 10	17 31	13 35	13 8	6 10			n.a.
M21	20 30	0 1	2 37	24 36	1 15	13 34	7 48	15 18	0 55	24 9	0 27	8 30	2 16	6 32	0 44	14 24	1 48	20 10	17 32	13 35	13 9	6 6			n.a.
T 22	20 17	6n44	3 40	24 34	1 21	13 36	7 53	15 30	0 54	24 9	0 27	8 31	2 16	6 31	0 44	14 24	1 48	20 11	17 32	13 35	13 10	6 3			n.a.
W23	20 4	13 0	4 28	24 31	1 26	13 38	7 57	15 41	0 54	24 9	0 27	8 32	2 16	6 30	0 44	14 24	1 48	20 12	17 33	13 34	13 11	6 0			n.a.
T 24	19 50	18 30	5 0	24 27	1 31	13 40	8 0	15 53	0 53	24 9	0 27	8 33	2 16	6 29	0 44	14 25	1 48	20 13	17 33	13 34	13 12	5 56			n.a.
F 25	19 36	22 57	5 14	24 21	1 36	13 43	8 2	16 4	0 53	24 9	0 27	8 35	2 15	6 28	0 44	14 25	1 48	20 14	17 34	13 34	13 14	5 53			n.a.
S 26	19 22	26 6	5 12	24 14	1 40	13 47	8 4	16 15	0 52	24 9	0 28	8 36	2 15	6 27	0 44	14 25	1 48	20 14	17 34	13 35	13 15	5 50			n.a.
S 27	19 7	27 49	4 53	24 5	1 44	13 51	8 4	16 26	0 51	24 9	0 28	8 37	2 15	6 26	0 43	14 25	1 48	20 15	17 35	13 36	13 16	5 46			n.a.
M28	18 52	28 1	4 19	23 55	1 48	13 56	8 4	16 37	0 51	24 10	0 28	8 39	2 14	6 25	0 43	14 25	1 48	20 16	17 35	13 37	13 17	5 43			n.a.
T 29	18 37	26 45	3 34	23 43	1 52	14 1	8 3	16 48	0 50	24 10	0 28	8 40	2 14	6 24	0 43	14 25	1 48	20 17	17 36	13 38	13 18	5 40			n.a.
W30	18 21	24 12	2 40	23 30	1 55	14 7	8 1	16 59	0 49	24 10	0 28	8 42	2 14	6 23	0 43	14 25	1 48	20 18	17 36	13 38	13 19	5 36			n.a.
T 31	18 s 5	20n34	1n38	23 s14	1 s57	14 s12	7n58	17 s 9	0n49	24n10	0n28	8n43	2 s13	6 s21	0 s43	14 s26	1n48	20n19	17n36	13 s39	13 s20	5n33			n.a.

Julian Day Number = 1720327.5, Delta T = 02h56m17s
Ecliptic obliquity = 23°41'50, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°06'10, Lahiri = - 3°59'10 Julian Calendar 1 Jan. 3 BCE == Greg. Calendar 30 Dec. 004 BCE

The year -02 astronomical counting style corresponds to year 003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 3 BCE
geocentric

FEBRUARY 3 BCE (-2) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 34 39	10♒24'49	18♌ 0	26♉55	20°R21	20♏37	29°R24	27♈50	15♓46	13♏48	19°R26	24°R 2	24♒56	12♍31	n.a.	F 1
S 2	8 38 35	11°24'56	29°55	28°36	20♉ 4	21°14	29♊20	27°53	15°49	13°48	19♍25	24°D 2	24°53	12°38	n.a.	S 2
S 3	8 42 32	12°25'00	11♍45	0♒18	19°50	21°50	29°16	27°57	15°52	13°49	19°24	24♒ 3	24°50	12°45	n.a.	S 3
M 4	8 46 28	13°25'03	23°33	2° 1	19°38	22°27	29°12	28° 1	15°55	13°49	19°22	24° 3	24°46	12°51	n.a.	M 4
T 5	8 50 25	14°25'04	5♎22	3°45	19°29	23° 3	29° 8	28° 5	15°58	13°50	19°21	24° 5	24°43	12°58	n.a.	T 5
W 6	8 54 22	15°25'04	17°16	5°30	19°22	23°39	29° 4	28° 8	16° 1	13°50	19°20	24° 5	24°40	13° 5	n.a.	W 6
T 7	8 58 18	16°25'01	29°18	7°17	19°17	24°15	29° 0	28°12	16° 4	13°50	19°18	24° 6	24°37	13°11	n.a.	T 7
F 8	9 2 15	17°24'57	11♏33	9° 4	19°D15	24°51	28°57	28°17	16° 7	13°51	19°17	24° 7	24°34	13°18	n.a.	F 8
S 9	9 6 11	18°24'51	24° 6	10°53	19°15	25°28	28°54	28°21	16°10	13°51	19°16	24°R 7	24°30	13°25	n.a.	S 9
S 10	9 10 8	19°24'44	7♐ 1	12°43	19°18	26° 4	28°51	28°25	16°13	13°51	19°14	24° 6	24°27	13°31	n.a.	S 10
M11	9 14 4	20°24'35	20°21	14°33	19°23	26°40	28°48	28°30	16°16	13°51	19°13	24° 6	24°24	13°38	n.a.	M11
T 12	9 18 1	21°24'24	4♉ 7	16°25	19°31	27°15	28°46	28°34	16°20	13°51	19°11	24° 6	24°21	13°45	n.a.	T 12
W13	9 21 57	22°24'11	18°21	18°19	19°40	27°51	28°43	28°39	16°23	13°52	19°10	24° 5	24°18	13°51	n.a.	W13
T 14	9 25 54	23°23'56	2♒58	20°13	19°52	28°27	28°41	28°43	16°26	13°52	19° 9	24° 5	24°15	13°58	n.a.	T 14
F 15	9 29 51	24°23'39	17°54	22° 8	20° 6	29° 3	28°39	28°48	16°29	13°52	19° 7	24° 5	24°11	14° 5	n.a.	F 15
S 16	9 33 47	25°23'20	3♓ 0	24° 4	20°22	29°38	28°37	28°53	16°32	13°R52	19° 6	24° 5	24° 8	14°11	n.a.	S 16
S 17	9 37 44	26°22'59	18° 8	26° 2	20°40	0♐14	28°36	28°58	16°36	13°52	19° 4	24° 5	24° 5	14°18	n.a.	S 17
M18	9 41 40	27°22'36	3♈ 9	28° 0	21° 0	0°49	28°34	29° 3	16°39	13°52	19° 3	24° 5	24° 2	14°25	n.a.	M18
T 19	9 45 37	28°22'10	17°55	29°59	21°22	1°25	28°33	29° 8	16°42	13°52	19° 1	24° 4	23°59	14°31	n.a.	T 19
W20	9 49 33	29°21'42	2♉19	1♓59	21°45	2° 0	28°32	29°13	16°46	13°51	19° 0	24° 4	23°56	14°38	n.a.	W20
T 21	9 53 30	0♓21'11	16°20	4° 0	22°10	2°35	28°31	29°18	16°49	13°51	18°58	24° 4	23°52	14°45	n.a.	T 21
F 22	9 57 26	1°20'39	29°55	6° 1	22°37	3°11	28°30	29°23	16°52	13°51	18°56	24°D 3	23°49	14°51	n.a.	F 22
S 23	10 1 23	2°20'03	13♊ 7	8° 2	23° 5	3°46	28°30	29°29	16°56	13°51	18°55	24° 3	23°46	14°58	n.a.	S 23
S 24	10 5 20	3°19'26	25°58	10° 3	23°35	4°21	28°30	29°34	16°59	13°51	18°53	24° 4	23°43	15° 5	n.a.	S 24
M25	10 9 16	4°18'46	8♋31	12° 4	24° 7	4°56	28°D29	29°40	17° 2	13°50	18°52	24° 5	23°40	15°11	n.a.	M25
T 26	10 13 13	5°18'03	20°49	14° 5	24°40	5°31	28°30	29°45	17° 6	13°50	18°50	24° 6	23°36	15°18	n.a.	T 26
W27	10 17 9	6°17'19	2♌56	16° 5	25°14	6° 5	28°30	29°51	17° 9	13°50	18°48	24° 7	23°33	15°24	n.a.	W27
T 28	10 21 6	7♓16'32	14♌55	18♓ 4	25♉49	6♐40	28♊30	29♈57	17♓12	13♏49	18♍47	24♒ 8	23♒30	15♍31	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s49	16n 8	0n33	22s57	2s 0	14s18	7n55	17s20	0n48	24n10	0n28	8n45	2s13	6s20	0s43	14s26	1n48	20n19	17n37	13s39	13s21	5n30		n.a.
S 2	17 33	11 7	0s33	22 39	2 2	14 25	7 51	17 30	0 47	24 10	0 28	8 46	2 13	6 19	0 43	14 26	1 49	20 20	17 37	13 39	13 22	5 26		n.a.
S 3	17 16	5 44	1 37	22 19	2 3	14 31	7 46	17 41	0 46	24 10	0 28	8 48	2 13	6 18	0 43	14 26	1 49	20 21	17 38	13 39	13 23	5 23		n.a.
M 4	16 58	0 12	2 37	21 57	2 4	14 38	7 41	17 51	0 46	24 10	0 28	8 49	2 12	6 17	0 43	14 26	1 49	20 22	17 38	13 39	13 24	5 20		n.a.
T 5	16 41	5s22	3 30	21 33	2 5	14 45	7 36	18 1	0 45	24 10	0 28	8 51	2 12	6 15	0 43	14 26	1 49	20 23	17 38	13 38	13 25	5 16		n.a.
W 6	16 23	10 46	4 15	21 7	2 5	14 52	7 30	18 11	0 44	24 10	0 28	8 53	2 12	6 14	0 43	14 26	1 49	20 24	17 39	13 38	13 26	5 13		n.a.
T 7	16 5	15 50	4 49	20 40	2 5	14 59	7 23	18 20	0 43	24 10	0 28	8 54	2 12	6 13	0 43	14 26	1 49	20 25	17 39	13 38	13 27	5 10		n.a.
F 8	15 47	20 22	5 10	20 11	2 5	15 6	7 16	18 30	0 42	24 10	0 28	8 56	2 11	6 12	0 43	14 26	1 49	20 25	17 39	13 38	13 29	5 6		n.a.
S 9	15 28	24 7	5 18	19 40	2 3	15 13	7 9	18 40	0 42	24 10	0 29	8 58	2 11	6 11	0 43	14 26	1 49	20 26	17 40	13 38	13 30	5 3		n.a.
S 10	15 9	26 48	5 10	19 7	2 2	15 20	7 2	18 49	0 41	24 10	0 29	9 0	2 11	6 9	0 43	14 26	1 49	20 27	17 40	13 38	13 31	5 0		n.a.
M11	14 50	28 5	4 45	18 33	2 0	15 27	6 54	18 58	0 40	24 10	0 29	9 1	2 10	6 8	0 43	14 26	1 49	20 28	17 40	13 38	13 32	4 56		n.a.
T 12	14 31	27 41	4 4	17 57	1 57	15 34	6 46	19 8	0 39	24 10	0 29	9 3	2 10	6 7	0 43	14 26	1 49	20 29	17 41	13 38	13 33	4 53		n.a.
W13	14 12	25 30	3 6	17 18	1 54	15 41	6 38	19 17	0 38	24 10	0 29	9 5	2 10	6 6	0 43	14 26	1 49	20 30	17 41	13 38	13 34	4 50		n.a.
T 14	13 52	21 34	1 55	16 39	1 50	15 47	6 29	19 26	0 37	24 10	0 29	9 7	2 10	6 4	0 43	14 26	1 49	20 31	17 41	13 38	13 35	4 46		n.a.
F 15	13 32	16 11	0 34	15 57	1 46	15 54	6 21	19 34	0 36	24 10	0 29	9 9	2 9	6 3	0 43	14 26	1 49	20 31	17 42	13 38	13 36	4 43		n.a.
S 16	13 12	9 45	0n49	15 14	1 41	16 0	6 12	19 43	0 35	24 10	0 29	9 11	2 9	6 2	0 43	14 26	1 49	20 32	17 42	13 38	13 37	4 39		n.a.
S 17	12 51	2 45	2 10	14 29	1 36	16 6	6 3	19 52	0 34	24 10	0 29	9 13	2 9	6 0	0 43	14 26	1 49	20 33	17 42	13 38	13 38	4 36		n.a.
M18	12 31	4n20	3 21	13 42	1 30	16 12	5 54	20 0	0 33	24 10	0 29	9 15	2 9	5 59	0 43	14 26	1 49	20 34	17 42	13 38	13 39	4 33		n.a.
T 19	12 10	11 3	4 17	12 54	1 23	16 18	5 45	20 8	0 32	24 10	0 29	9 17	2 8	5 58	0 43	14 26	1 49	20 35	17 43	13 38	13 40	4 29		n.a.
W20	11 49	17 1	4 55	12 4	1 16	16 23	5 36	20 17	0 31	24 10	0 29	9 19	2 8	5 56	0 43	14 26	1 50	20 36	17 43	13 39	13 41	4 26		n.a.
T 21	11 28	21 55	5 15	11 12	1 8	16 28	5 27	20 25	0 30	24 10	0 29	9 21	2 8	5 55	0 43	14 26	1 50	20 36	17 43	13 39	13 42	4 23		n.a.
F 22	11 7	25 29	5 16	10 20	1 0	16 33	5 18	20 33	0 29	24 10	0 29	9 23	2 8	5 54	0 43	14 25	1 50	20 37	17 43	13 39	13 43	4 19		n.a.
S 23	10 45	27 35	5 0	9 26	0 51	16 37	5 9	20 40	0 28	24 11	0 29	9 25	2 7	5 52	0 43	14 25	1 50	20 38	17 43	13 39	13 45	4 16		n.a.
S 24	10 24	28 8	4 30	8 31	0 42	16 41	5 0	20 48	0 27	24 11	0 29	9 28	2 7	5 51	0 43	14 25	1 50	20 39	17 44	13 39	13 46	4 13		n.a.
M25	10 2	27 12	3 47	7 36	0 32	16 45	4 51	20 56	0 26	24 11	0 29	9 30	2 7	5 50	0 43	14 25	1 50	20 40	17 44	13 38	13 47	4 9		n.a.
T 26	9 40	24 56	2 55	6 39	0 21	16 48	4 42	21 3	0 25	24 11	0 29	9 32	2 7	5 48	0 43	14 25	1 50	20 40	17 44	13 38	13 48	4 6		n.a.
W27	9 18	21 35	1 55	5 43	0 11	16 51	4 33	21 10	0 23	24 11	0 29	9 34	2 7	5 47	0 43	14 25	1 50	20 41	17 44	13 38	13 49	4 3		n.a.
T 28	8s56	17n21	0n51	4s46	0n 1	16s53	4n24	21s17	0n22	24n11	0n29	9n36	2s 6	5s46	0s43	14s25	1n50	20n42	17n44	13s37	13s50	3n59		n.a.

Julian Day Number = 1720358.5, Delta T = 02h56m16s
Ecliptic obliquity = 23°41'50, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°06'06, Lahiri = - 3°59'06 Julian Calendar 1 Feb. 3 BCE == Greg. Calendar 30 Jan. 003 BCE

The year -02 astronomical counting style corresponds to year 003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 3 BCE
geocentric

MARCH 3 BCE (-2) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 25 2	8♓15'42	26♌48	20♓ 1	26♉26	7♐15	28♊31	0♉ 3	17♓16	13°R49	18°R45	24°R 8	23♒27	15♍38	n.a.	F 1
S 2	10 28 59	9°14'51	8♍37	21°57	27° 4	7°49	28°32	0° 9	17°19	13♏48	18♍43	24♒ 7	23°24	15°44	n.a.	S 2
S 3	10 32 55	10°13'57	20°26	23°50	27°43	8°24	28°33	0°14	17°23	13°48	18°42	24° 6	23°21	15°51	n.a.	S 3
M 4	10 36 52	11°13'01	2♎15	25°40	28°23	8°58	28°34	0°20	17°26	13°47	18°40	24° 4	23°17	15°58	n.a.	M 4
T 5	10 40 48	12°12'03	14° 8	27°28	29° 5	9°32	28°36	0°27	17°29	13°47	18°38	24° 1	23°14	16° 4	n.a.	T 5
W 6	10 44 45	13°11'03	26° 6	29°12	29°47	10° 6	28°37	0°33	17°33	13°46	18°37	23°58	23°11	16°11	n.a.	W 6
T 7	10 48 42	14°10'01	8♏13	0♈52	0♒31	10°40	28°39	0°39	17°36	13°46	18°35	23°55	23° 8	16°18	n.a.	T 7
F 8	10 52 38	15° 8'58	20°30	2°29	1°15	11°14	28°41	0°45	17°40	13°45	18°33	23°53	23° 5	16°24	n.a.	F 8
S 9	10 56 35	16° 7'52	3♐ 3	4° 0	2° 0	11°48	28°43	0°51	17°43	13°44	18°32	23°51	23° 2	16°31	n.a.	S 9
S 10	11 0 31	17° 6'45	15°54	5°27	2°46	12°22	28°46	0°58	17°47	13°44	18°30	23°D50	22°58	16°38	n.a.	S 10
M11	11 4 28	18° 5'36	29° 6	6°49	3°33	12°55	28°48	1° 4	17°50	13°43	18°28	23°51	22°55	16°44	n.a.	M11
T 12	11 8 24	19° 4'25	12♑42	8° 6	4°21	13°29	28°51	1°11	17°53	13°42	18°27	23°52	22°52	16°51	n.a.	T 12
W13	11 12 21	20° 3'13	26°44	9°18	5°10	14° 2	28°54	1°17	17°57	13°42	18°25	23°53	22°49	16°58	n.a.	W13
T 14	11 16 17	21° 1'58	11♒12	10°23	5°59	14°35	28°57	1°24	18° 0	13°41	18°23	23°55	22°46	17° 4	n.a.	T 14
F 15	11 20 14	22° 0'42	26° 1	11°23	6°49	15° 9	29° 0	1°31	18° 4	13°40	18°22	23°R55	22°42	17°11	n.a.	F 15
S 16	11 24 11	22°59'24	11♓ 7	12°17	7°40	15°41	29° 3	1°37	18° 7	13°39	18°20	23°54	22°39	17°18	n.a.	S 16
S 17	11 28 7	23°58'03	26°20	13° 6	8°31	16°14	29° 7	1°44	18°11	13°38	18°18	23°52	22°36	17°24	n.a.	S 17
M18	11 32 4	24°56'41	11♈32	13°48	9°23	16°47	29°11	1°51	18°14	13°37	18°17	23°48	22°33	17°31	n.a.	M18
T 19	11 36 0	25°55'16	26°31	14°23	10°16	17°19	29°15	1°58	18°17	13°36	18°15	23°43	22°30	17°38	n.a.	T 19
W20	11 39 57	26°53'50	11♉10	14°53	11° 9	17°52	29°19	2° 5	18°21	13°35	18°13	23°39	22°27	17°44	n.a.	W20
T 21	11 43 53	27°52'21	25°23	15°17	12° 3	18°24	29°23	2°11	18°24	13°34	18°12	23°35	22°23	17°51	n.a.	T 21
F 22	11 47 50	28°50'50	9♊ 8	15°34	12°57	18°56	29°28	2°18	18°28	13°33	18°10	23°31	22°20	17°58	n.a.	F 22
S 23	11 51 46	29°49'17	22°24	15°45	13°52	19°28	29°32	2°25	18°31	13°32	18° 8	23°30	22°17	18° 4	n.a.	S 23
S 24	11 55 43	0♈47'41	5♋16	15°R51	14°48	20° 0	29°37	2°33	18°34	13°31	18° 7	23°D30	22°14	18°11	n.a.	S 24
M25	11 59 40	1°46'04	17°45	15°50	15°44	20°31	29°42	2°40	18°38	13°30	18° 5	23°31	22°11	18°18	n.a.	M25
T 26	12 3 36	2°44'24	29°57	15°44	16°40	21° 3	29°47	2°47	18°41	13°29	18° 4	23°32	22° 7	18°24	n.a.	T 26
W27	12 7 33	3°42'42	11♌58	15°32	17°37	21°34	29°52	2°54	18°44	13°28	18° 2	23°34	22° 4	18°31	n.a.	W27
T 28	12 11 29	4°40'58	23°50	15°15	18°34	22° 5	29°58	3° 1	18°48	13°27	18° 0	23°R34	22° 1	18°38	n.a.	T 28
F 29	12 15 26	5°39'11	5♍38	14°54	19°31	22°36	0♋ 3	3° 9	18°51	13°26	17°59	23°33	21°58	18°44	n.a.	F 29
S 30	12 19 22	6°37'23	17°25	14°28	20°29	23° 7	0° 9	3°16	18°54	13°24	17°57	23°31	21°55	18°51	n.a.	S 30
S 31	12 23 19	7♈35'33	29♍15	13♈59	21♒28	23♐37	0♋15	3♉23	18♓58	13♏23	17♍56	23♒26	21♒52	18♍58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8s34	12n29	0s15	3s49	0n12	16s55	4n15	21s24	0n21	24n11	0n29	9n39	2s 6	5s44	0s43	14s24	1n50	20n43	17n44	13s37	13s51	3n56		n.a.
S 2	8 11	7 12	1 19	2 52	0 24	16 57	4 6	21 31	0 20	24 11	0 29	9 41	2 6	5 43	0 43	14 24	1 50	20 44	17 45	13 37	13 52	3 53		n.a.
S 3	7 49	1 41	2 20	1 56	0 36	16 58	3 57	21 38	0 19	24 11	0 29	9 43	2 6	5 42	0 43	14 24	1 50	20 44	17 45	13 38	13 53	3 49		n.a.
M 4	7 26	3s53	3 16	1 0	0 48	16 59	3 48	21 45	0 17	24 11	0 29	9 45	2 5	5 40	0 43	14 24	1 50	20 45	17 45	13 39	13 54	3 46		n.a.
T 5	7 3	9 21	4 2	0 6	1 0	16 59	3 39	21 51	0 16	24 11	0 30	9 48	2 5	5 39	0 43	14 24	1 50	20 46	17 45	13 40	13 55	3 43		n.a.
W 6	6 41	14 30	4 39	0n47	1 12	16 59	3 31	21 58	0 15	24 11	0 30	9 50	2 5	5 38	0 43	14 23	1 50	20 47	17 45	13 41	13 56	3 39		n.a.
T 7	6 18	19 10	5 3	1 38	1 24	16 58	3 22	22 4	0 13	24 11	0 30	9 53	2 5	5 36	0 43	14 23	1 50	20 47	17 45	13 42	13 57	3 36		n.a.
F 8	5 55	23 7	5 15	2 28	1 36	16 57	3 14	22 10	0 12	24 11	0 30	9 55	2 5	5 35	0 43	14 23	1 50	20 48	17 45	13 42	13 58	3 32		n.a.
S 9	5 32	26 4	5 11	3 15	1 48	16 55	3 5	22 16	0 11	24 11	0 30	9 57	2 4	5 34	0 43	14 23	1 50	20 49	17 45	13 43	13 59	3 29		n.a.
S 10	5 9	27 47	4 52	4 0	1 59	16 53	2 57	22 22	0 9	24 11	0 30	10 0	2 4	5 32	0 43	14 22	1 50	20 50	17 45	13 43	14 0	3 26		n.a.
M11	4 45	27 59	4 18	4 42	2 9	16 50	2 49	22 28	0 8	24 11	0 30	10 2	2 4	5 31	0 43	14 22	1 51	20 50	17 45	13 43	14 1	3 22		n.a.
T 12	4 22	26 32	3 28	5 22	2 19	16 47	2 41	22 34	0 6	24 11	0 30	10 5	2 4	5 30	0 43	14 22	1 51	20 51	17 45	13 43	14 2	3 19		n.a.
W13	3 59	23 23	2 24	5 59	2 28	16 43	2 33	22 39	0 5	24 11	0 30	10 7	2 4	5 28	0 43	14 22	1 51	20 52	17 45	13 42	14 4	3 16		n.a.
T 14	3 35	18 43	1 9	6 33	2 37	16 39	2 25	22 45	0 3	24 11	0 30	10 10	2 3	5 27	0 43	14 21	1 51	20 52	17 45	13 42	14 5	3 12		n.a.
F 15	3 12	12 48	0n12	7 4	2 45	16 34	2 17	22 50	0 2	24 11	0 30	10 12	2 3	5 26	0 43	14 21	1 51	20 53	17 45	13 42	14 6	3 9		n.a.
S 16	2 49	6 3	1 33	7 32	2 52	16 28	2 9	22 55	0 0	24 11	0 30	10 14	2 3	5 24	0 43	14 21	1 51	20 54	17 45	13 42	14 7	3 6		n.a.
S 17	2 25	1n 6	2 48	7 57	2 58	16 22	2 1	23 0	0s 2	24 12	0 30	10 17	2 3	5 23	0 43	14 20	1 51	20 54	17 45	13 43	14 8	3 2		n.a.
M18	2 2	8 9	3 52	8 18	3 2	16 16	1 54	23 5	0 3	24 12	0 30	10 20	2 3	5 21	0 43	14 20	1 51	20 55	17 45	13 44	14 9	2 59		n.a.
T 19	1 38	14 39	4 38	8 35	3 6	16 9	1 46	23 10	0 5	24 12	0 30	10 22	2 3	5 20	0 43	14 20	1 51	20 56	17 45	13 45	14 10	2 56		n.a.
W20	1 15	20 10	5 5	8 50	3 9	16 2	1 39	23 15	0 6	24 12	0 30	10 25	2 2	5 19	0 43	14 20	1 51	20 56	17 45	13 47	14 11	2 52		n.a.
T 21	0 51	24 21	5 12	9 0	3 11	15 54	1 32	23 19	0 8	24 12	0 30	10 27	2 2	5 17	0 43	14 19	1 51	20 57	17 45	13 48	14 12	2 49		n.a.
F 22	0 28	27 1	5 1	9 7	3 11	15 45	1 25	23 24	0 10	24 12	0 30	10 30	2 2	5 16	0 43	14 19	1 51	20 57	17 45	13 49	14 13	2 46		n.a.
S 23	0 4	28 2	4 34	9 11	3 10	15 36	1 18	23 28	0 12	24 12	0 30	10 32	2 2	5 15	0 43	14 18	1 51	20 58	17 45	13 50	14 14	2 42		n.a.
S 24	0n19	27 29	3 53	9 11	3 8	15 27	1 11	23 32	0 14	24 12	0 30	10 35	2 2	5 13	0 43	14 18	1 51	20 58	17 45	13 50	14 15	2 39		n.a.
M25	0 43	25 32	3 3	9 7	3 4	15 17	1 4	23 37	0 15	24 12	0 30	10 37	2 2	5 12	0 43	14 18	1 51	20 59	17 45	13 50	14 16	2 35		n.a.
T 26	1 6	22 25	2 5	9 0	2 59	15 6	0 57	23 41	0 17	24 12	0 30	10 40	2 1	5 11	0 43	14 17	1 51	21 0	17 44	13 49	14 17	2 32		n.a.
W27	1 29	18 24	1 3	8 50	2 53	14 55	0 51	23 45	0 19	24 12	0 30	10 43	2 1	5 9	0 43	14 17	1 51	21 0	17 44	13 49	14 18	2 29		n.a.
T 28	1 53	13 42	0s 1	8 36	2 45	14 43	0 44	23 49	0 21	24 12	0 30	10 45	2 1	5 8	0 43	14 17	1 51	21 1	17 44	13 48	14 19	2 25		n.a.
F 29	2 16	8 32	1 5	8 19	2 36	14 31	0 38	23 52	0 23	24 12	0 30	10 48	2 1	5 7	0 43	14 16	1 51	21 1	17 44	13 49	14 20	2 22		n.a.
S 30	2 39	3 6	2 6	8 0	2 25	14 19	0 32	23 56	0 25	24 12	0 30	10 51	2 1	5 6	0 43	14 16	1 51	21 2	17 44	13 50	14 21	2 19		n.a.
S 31	3n 3	2s28	3s 1	7n37	2n14	14s 6	0n26	24s 0	0s27	24n12	0n30	10n53	2s 1	5s 4	0s43	14s15	1n51	21n 2	17n44	13s51	14s22	2n15		n.a.

Julian Day Number = 1720386.5, Delta T = 02h56m16s
Ecliptic obliquity = 23°41'51, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°06'02, Lahiri = - 3°59'02 Julian Calendar 1 March 3 BCE == Greg. Calendar 27 Feb. 003 BCE

The year -02 astronomical counting style corresponds to year 003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 3 BCE
geocentric

APRIL 3 BCE (-2) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 27 15	8♈33'41	11♎ 9	13°R27	22♒27	24♐ 8	0♋21	3♉30	19♓ 1	13°R22	17°R54	23°R19	21♒48	19♍ 4	n.a.	M 1
T 2	12 31 12	9°31'47	23° 9	12♈52	23°26	24°38	0°27	3°38	19° 4	13♏21	17♍52	23♒11	21°45	19°11	n.a.	T 2
W 3	12 35 8	10°29'51	5♏16	12°15	24°26	25° 8	0°33	3°45	19° 7	13°19	17°51	23° 2	21°42	19°18	n.a.	W 3
T 4	12 39 5	11°27'54	17°33	11°37	25°25	25°37	0°40	3°53	19°11	13°18	17°49	22°54	21°39	19°24	n.a.	T 4
F 5	12 43 2	12°25'55	29°59	10°58	26°26	26° 7	0°46	4° 0	19°14	13°17	17°48	22°46	21°36	19°31	n.a.	F 5
S 6	12 46 58	13°23'55	12♐39	10°20	27°26	26°36	0°53	4° 8	19°17	13°16	17°46	22°40	21°33	19°38	n.a.	S 6
S 7	12 50 55	14°21'53	25°33	9°43	28°27	27° 5	1° 0	4°15	19°20	13°14	17°45	22°36	21°29	19°44	n.a.	S 7
M 8	12 54 51	15°19'50	8♑43	9° 7	29°28	27°34	1° 7	4°23	19°23	13°13	17°44	22°35	21°26	19°51	n.a.	M 8
T 9	12 58 48	16°17'46	22°13	8°33	0♓30	28° 3	1°14	4°30	19°27	13°11	17°42	22°D34	21°23	19°58	n.a.	T 9
W10	13 2 44	17°15'40	6♒ 4	8° 2	1°32	28°31	1°21	4°38	19°30	13°10	17°41	22°35	21°20	20° 4	n.a.	W10
T 11	13 6 41	18°13'33	20°17	7°34	2°34	28°59	1°29	4°46	19°33	13° 9	17°39	22°R36	21°17	20°11	n.a.	T 11
F 12	13 10 37	19°11'25	4♓50	7° 9	3°36	29°27	1°36	4°53	19°36	13° 7	17°38	22°35	21°13	20°18	n.a.	F 12
S 13	13 14 34	20° 9'15	19°41	6°48	4°39	29°55	1°44	5° 1	19°39	13° 6	17°37	22°33	21°10	20°24	n.a.	S 13
S 14	13 18 31	21° 7'03	4♈44	6°32	5°41	0♑22	1°52	5° 9	19°42	13° 4	17°35	22°28	21° 7	20°31	n.a.	S 14
M15	13 22 27	22° 4'51	19°48	6°19	6°44	0°49	2° 0	5°17	19°45	13° 3	17°34	22°21	21° 4	20°37	n.a.	M15
T 16	13 26 24	23° 2'36	4♉46	6°11	7°48	1°15	2° 8	5°24	19°48	13° 1	17°33	22°12	21° 1	20°44	n.a.	T 16
W17	13 30 20	24° 0'21	19°28	6°D 8	8°51	1°42	2°16	5°32	19°51	13° 0	17°31	22° 2	20°58	20°51	n.a.	W17
T 18	13 34 17	24°58'04	3♊46	6° 9	9°55	2° 8	2°24	5°40	19°54	12°58	17°30	21°53	20°54	20°57	n.a.	T 18
F 19	13 38 13	25°55'45	17°37	6°15	10°59	2°34	2°33	5°48	19°57	12°57	17°29	21°46	20°51	21° 4	n.a.	F 19
S 20	13 42 10	26°53'25	0♋58	6°25	12° 3	2°59	2°41	5°55	20° 0	12°55	17°28	21°41	20°48	21°11	n.a.	S 20
S 21	13 46 6	27°51'03	13°53	6°40	13° 7	3°24	2°50	6° 3	20° 3	12°54	17°26	21°38	20°45	21°17	n.a.	S 21
M22	13 50 3	28°48'39	26°24	7° 0	14°12	3°49	2°59	6°11	20° 6	12°52	17°25	21°D37	20°42	21°24	n.a.	M22
T 23	13 54 0	29°46'14	8♌37	7°23	15°17	4°14	3° 7	6°19	20° 8	12°51	17°24	21°38	20°39	21°31	n.a.	T 23
W24	13 57 56	0♉43'47	20°36	7°51	16°21	4°38	3°16	6°27	20°11	12°49	17°23	21°R38	20°35	21°37	n.a.	W24
T 25	14 1 53	1°41'19	2♍26	8°23	17°27	5° 1	3°25	6°34	20°14	12°47	17°22	21°37	20°32	21°44	n.a.	T 25
F 26	14 5 49	2°38'49	14°14	8°59	18°32	5°25	3°35	6°42	20°17	12°46	17°21	21°35	20°29	21°51	n.a.	F 26
S 27	14 9 46	3°36'17	26° 3	9°39	19°37	5°48	3°44	6°50	20°19	12°44	17°20	21°30	20°26	21°57	n.a.	S 27
S 28	14 13 42	4°33'45	7♎56	10°23	20°43	6°10	3°53	6°58	20°22	12°43	17°19	21°23	20°23	22° 4	n.a.	S 28
M29	14 17 39	5°31'11	19°57	11°11	21°48	6°33	4° 3	7° 6	20°25	12°41	17°18	21°13	20°19	22°11	n.a.	M29
T 30	14 21 35	6♉28'36	2♏ 6	12♈ 2	22♓54	6♑54	4♋12	7♉14	20♓27	12♏39	17♍17	21♒ 1	20♒16	22♍17	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3n26	7s57	3s49	7n13	2n 1	13s52	0n20	24s 3	0s29	24n12	0n30	10n56	2s 1	5s 3	0s43	14s15	1n51	21n 2	17n44	13s53	14s23	2n12		n.a.
T 2	3 49	13 12	4 26	6 46	1 47	13 38	0 14	24 7	0 31	24 12	0 30	10 58	2 0	5 2	0 43	14 15	1 51	21 3	17 43	13 56	14 24	2 9		n.a.
W 3	4 12	18 0	4 53	6 18	1 32	13 24	0 8	24 10	0 33	24 12	0 30	11 1	2 0	5 0	0 43	14 14	1 51	21 3	17 43	13 59	14 25	2 5		n.a.
T 4	4 35	22 8	5 6	5 49	1 17	13 9	0 2	24 13	0 36	24 12	0 30	11 4	2 0	4 59	0 43	14 14	1 51	21 4	17 43	14 2	14 26	2 2		n.a.
F 5	4 58	25 19	5 5	5 19	1 0	12 53	0s 3	24 16	0 38	24 12	0 30	11 6	2 0	4 58	0 43	14 13	1 52	21 4	17 43	14 4	14 27	1 59		n.a.
S 6	5 21	27 20	4 49	4 48	0 44	12 37	0 8	24 19	0 40	24 12	0 30	11 9	2 0	4 57	0 43	14 13	1 52	21 4	17 42	14 6	14 29	1 55		n.a.
S 7	5 43	27 55	4 18	4 18	0 27	12 21	0 14	24 22	0 42	24 12	0 30	11 12	2 0	4 55	0 43	14 13	1 52	21 5	17 42	14 8	14 30	1 52		n.a.
M 8	6 6	26 57	3 33	3 48	0 10	12 4	0 19	24 25	0 45	24 12	0 30	11 14	2 0	4 54	0 43	14 12	1 52	21 5	17 42	14 8	14 31	1 49		n.a.
T 9	6 29	24 24	2 36	3 19	0s 7	11 47	0 24	24 28	0 47	24 12	0 30	11 17	2 0	4 53	0 43	14 12	1 52	21 6	17 42	14 8	14 32	1 45		n.a.
W10	6 51	20 22	1 28	2 51	0 24	11 30	0 29	24 31	0 50	24 12	0 30	11 20	2 0	4 52	0 43	14 11	1 52	21 6	17 41	14 8	14 33	1 42		n.a.
T 11	7 13	15 5	0 12	2 25	0 40	11 12	0 34	24 34	0 52	24 12	0 30	11 22	1 59	4 50	0 43	14 11	1 52	21 6	17 41	14 8	14 34	1 39		n.a.
F 12	7 35	8 50	1n 5	2 1	0 56	10 53	0 38	24 36	0 54	24 12	0 30	11 25	1 59	4 49	0 43	14 10	1 52	21 6	17 41	14 8	14 35	1 35		n.a.
S 13	7 58	1 59	2 20	1 38	1 11	10 34	0 43	24 39	0 57	24 12	0 30	11 28	1 59	4 48	0 43	14 10	1 52	21 7	17 41	14 9	14 36	1 32		n.a.
S 14	8 20	5n 2	3 26	1 18	1 26	10 15	0 47	24 41	1 0	24 12	0 30	11 30	1 59	4 47	0 43	14 9	1 52	21 7	17 40	14 10	14 37	1 29		n.a.
M15	8 41	11 47	4 17	1 0	1 40	9 56	0 52	24 44	1 2	24 11	0 31	11 33	1 59	4 46	0 43	14 9	1 52	21 7	17 40	14 13	14 38	1 25		n.a.
T 16	9 3	17 48	4 50	0 45	1 53	9 36	0 56	24 46	1 5	24 11	0 31	11 36	1 59	4 44	0 43	14 8	1 52	21 7	17 40	14 16	14 39	1 22		n.a.
W17	9 25	22 39	5 4	0 33	2 5	9 15	1 0	24 49	1 8	24 11	0 31	11 38	1 59	4 43	0 43	14 8	1 52	21 8	17 39	14 19	14 40	1 18		n.a.
T 18	9 46	26 0	4 58	0 23	2 17	8 55	1 4	24 51	1 10	24 11	0 31	11 41	1 59	4 42	0 43	14 7	1 52	21 8	17 39	14 22	14 41	1 15		n.a.
F 19	10 7	27 40	4 34	0 16	2 27	8 34	1 8	24 53	1 13	24 11	0 31	11 44	1 59	4 41	0 43	14 7	1 52	21 8	17 39	14 24	14 42	1 12		n.a.
S 20	10 28	27 38	3 56	0 11	2 37	8 13	1 11	24 56	1 16	24 11	0 31	11 46	1 59	4 40	0 43	14 7	1 52	21 8	17 38	14 26	14 43	1 8		n.a.
S 21	10 49	26 4	3 7	0 9	2 45	7 51	1 15	24 58	1 19	24 11	0 31	11 49	1 59	4 39	0 43	14 6	1 52	21 8	17 38	14 27	14 44	1 5		n.a.
M22	11 10	23 14	2 10	0 10	2 53	7 29	1 18	25 0	1 22	24 10	0 31	11 52	1 58	4 38	0 43	14 6	1 52	21 8	17 37	14 27	14 45	1 2		n.a.
T 23	11 31	19 25	1 9	0 13	3 0	7 7	1 22	25 2	1 25	24 10	0 31	11 54	1 58	4 36	0 43	14 5	1 52	21 9	17 37	14 27	14 46	0 58		n.a.
W24	11 51	14 52	0 6	0 19	3 5	6 44	1 25	25 5	1 28	24 10	0 31	11 57	1 58	4 35	0 43	14 5	1 52	21 9	17 37	14 27	14 47	0 55		n.a.
T 25	12 11	9 50	0s57	0 27	3 10	6 22	1 28	25 7	1 31	24 10	0 31	12 0	1 58	4 34	0 43	14 4	1 52	21 9	17 36	14 27	14 48	0 52		n.a.
F 26	12 31	4 28	1 57	0 38	3 14	5 59	1 31	25 9	1 34	24 10	0 31	12 2	1 58	4 33	0 43	14 4	1 52	21 9	17 36	14 28	14 49	0 48		n.a.
S 27	12 51	1s 2	2 52	0 51	3 17	5 35	1 34	25 11	1 37	24 9	0 31	12 5	1 58	4 32	0 43	14 3	1 52	21 9	17 35	14 29	14 50	0 45		n.a.
S 28	13 11	6 32	3 40	1 6	3 19	5 12	1 37	25 13	1 40	24 9	0 31	12 8	1 58	4 31	0 43	14 3	1 52	21 9	17 35	14 32	14 51	0 42		n.a.
M29	13 30	11 51	4 18	1 24	3 20	4 48	1 39	25 16	1 44	24 9	0 31	12 10	1 58	4 30	0 43	14 2	1 52	21 9	17 35	14 35	14 52	0 38		n.a.
T 30	13n49	16s47	4s45	1n43	3s21	4s24	1s42	25s18	1s47	24n 9	0n31	12n13	1s58	4s29	0s43	14s 2	1n52	21n 9	17n34	14s39	14s53	0n35		n.a.

Julian Day Number = 1720417.5, Delta T = 02h56m15s
Ecliptic obliquity = 23°41'51, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°05'58, Lahiri = - 3°58'58 Julian Calendar 1 Apr. 3 BCE == Greg. Calendar 30 March 003 BCE

The year -02 astronomical counting style corresponds to year 003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 3 BCE
geocentric

MAY 3 BCE (-2) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 25 32	7♉26'00	14♏27	12♈56	24♓ 0	7♑16	4♋22	7♉22	20♓30	12°R38	17°R16	20°R49	20♒13	22♍24	n.a.	W 1
T 2	14 29 29	8°23'23	26°58	13°54	25° 7	7°37	4°32	7°29	20°33	12♏36	17♍15	20♒36	20°10	22°31	n.a.	T 2
F 3	14 33 25	9°20'45	9♐41	14°56	26°13	7°57	4°42	7°37	20°35	12°35	17°14	20°25	20° 7	22°37	n.a.	F 3
S 4	14 37 22	10°18'06	22°35	16° 0	27°19	8°17	4°52	7°45	20°38	12°33	17°13	20°16	20° 4	22°44	n.a.	S 4
S 5	14 41 18	11°15'26	5♑41	17° 8	28°26	8°37	5° 2	7°53	20°40	12°31	17°13	20° 9	20° 0	22°51	n.a.	S 5
M 6	14 45 15	12°12'46	18°59	18°18	29°33	8°56	5°12	8° 1	20°42	12°30	17°12	20° 5	19°57	22°57	n.a.	M 6
T 7	14 49 11	13°10'05	2♒31	19°32	0♈40	9°15	5°22	8° 9	20°45	12°28	17°11	20° 4	19°54	23° 4	n.a.	T 7
W 8	14 53 8	14° 7'24	16°18	20°49	1°47	9°33	5°33	8°16	20°47	12°27	17°10	20° 4	19°51	23°11	n.a.	W 8
T 9	14 57 4	15° 4'42	0♓21	22° 9	2°54	9°51	5°43	8°24	20°50	12°25	17°10	20° 3	19°48	23°18	n.a.	T 9
F 10	15 1 1	16° 1'59	14°39	23°31	4° 1	10° 8	5°53	8°32	20°52	12°23	17° 9	20° 2	19°44	23°24	n.a.	F 10
S 11	15 4 58	16°59'16	29°11	24°57	5° 9	10°25	6° 4	8°40	20°54	12°22	17° 8	19°59	19°41	23°31	n.a.	S 11
S 12	15 8 54	17°56'32	13♈52	26°25	6°16	10°41	6°15	8°48	20°56	12°20	17° 8	19°52	19°38	23°38	n.a.	S 12
M13	15 12 51	18°53'48	28°37	27°56	7°24	10°56	6°26	8°56	20°59	12°18	17° 7	19°44	19°35	23°44	n.a.	M13
T 14	15 16 47	19°51'03	13♉18	29°30	8°32	11°11	6°36	9° 3	21° 1	12°17	17° 7	19°33	19°32	23°51	n.a.	T 14
W15	15 20 44	20°48'18	27°48	1♉ 7	9°39	11°26	6°47	9°11	21° 3	12°15	17° 6	19°21	19°29	23°58	n.a.	W15
T 16	15 24 40	21°45'32	11♊58	2°47	10°47	11°39	6°58	9°19	21° 5	12°14	17° 6	19°10	19°25	24° 4	n.a.	T 16
F 17	15 28 37	22°42'45	25°44	4°29	11°55	11°52	7° 9	9°27	21° 7	12°12	17° 5	19° 1	19°22	24°11	n.a.	F 17
S 18	15 32 34	23°39'58	9♋ 5	6°14	13° 4	12° 5	7°20	9°34	21° 9	12°10	17° 5	18°54	19°19	24°18	n.a.	S 18
S 19	15 36 30	24°37'10	22° 1	8° 1	14°12	12°17	7°32	9°42	21°11	12° 9	17° 4	18°50	19°16	24°24	n.a.	S 19
M20	15 40 27	25°34'21	4♌34	9°52	15°20	12°28	7°43	9°50	21°13	12° 7	17° 4	18°47	19°13	24°31	n.a.	M20
T 21	15 44 23	26°31'31	16°48	11°44	16°29	12°39	7°54	9°57	21°15	12° 6	17° 4	18°D47	19°10	24°38	n.a.	T 21
W22	15 48 20	27°28'41	28°48	13°40	17°37	12°49	8° 6	10° 5	21°16	12° 4	17° 3	18°R47	19° 6	24°44	n.a.	W22
T 23	15 52 16	28°25'50	10♍40	15°37	18°46	12°58	8°17	10°13	21°18	12° 3	17° 3	18°46	19° 3	24°51	n.a.	T 23
F 24	15 56 13	29°22'58	22°29	17°37	19°55	13° 7	8°29	10°20	21°20	12° 1	17° 3	18°44	19° 0	24°58	n.a.	F 24
S 25	16 0 9	0♊20'06	4♎20	19°39	21° 3	13°15	8°40	10°28	21°22	12° 0	17° 3	18°40	18°57	25° 4	n.a.	S 25
S 26	16 4 6	1°17'13	16°18	21°43	22°12	13°22	8°52	10°35	21°23	11°58	17° 2	18°34	18°54	25°11	n.a.	S 26
M27	16 8 3	2°14'20	28°25	23°48	23°21	13°29	9° 4	10°43	21°25	11°57	17° 2	18°24	18°50	25°18	n.a.	M27
T 28	16 11 59	3°11'27	10♏45	25°56	24°30	13°34	9°15	10°50	21°26	11°55	17° 2	18°13	18°47	25°24	n.a.	T 28
W29	16 15 56	4° 8'33	23°19	28° 4	25°39	13°40	9°27	10°58	21°28	11°54	17° 2	18° 1	18°44	25°31	n.a.	W29
T 30	16 19 52	5° 5'39	6♐ 8	0♊13	26°49	13°44	9°39	11° 5	21°29	11°52	17°D 2	17°49	18°41	25°38	n.a.	T 30
F 31	16 23 49	6♊ 2'45	19♐10	2♊23	27♈58	13♑48	9♋51	11♉13	21♓31	11♏51	17♍ 2	17♒38	18♒38	25♍44	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n 8	21s 6	4s59	2n 5	3s21	4s 0	1s44	25s20	1s50	24n 8	0n31	12n16	1s58	4s28	0s43	14s 1	1n52	21n 9	17n34	14s43	14s54	0n32		n.a.
T 2	14 27	24 32	4 59	2 29	3 20	3 35	1 46	25 22	1 54	24 8	0 31	12 18	1 58	4 27	0 43	14 1	1 52	21 9	17 33	14 47	14 55	0 28		n.a.
F 3	14 46	26 49	4 44	2 54	3 18	3 11	1 49	25 24	1 57	24 8	0 31	12 21	1 58	4 26	0 43	14 0	1 52	21 9	17 33	14 50	14 56	0 25		n.a.
S 4	15 4	27 44	4 15	3 21	3 15	2 46	1 51	25 27	2 1	24 7	0 31	12 23	1 58	4 25	0 44	14 0	1 52	21 9	17 32	14 53	14 57	0 22		n.a.
S 5	15 22	27 6	3 32	3 50	3 12	2 21	1 53	25 29	2 4	24 7	0 31	12 26	1 58	4 24	0 44	13 59	1 52	21 9	17 32	14 55	14 58	0 18		n.a.
M 6	15 40	24 55	2 36	4 21	3 8	1 56	1 54	25 31	2 8	24 7	0 31	12 29	1 58	4 23	0 44	13 59	1 52	21 8	17 32	14 57	14 59	0 15		n.a.
T 7	15 58	21 17	1 31	4 53	3 4	1 30	1 56	25 34	2 12	24 6	0 31	12 31	1 58	4 22	0 44	13 58	1 52	21 8	17 31	14 57	15 0	0 12		n.a.
W 8	16 15	16 26	0 20	5 27	2 59	1 5	1 58	25 36	2 15	24 6	0 31	12 34	1 58	4 21	0 44	13 58	1 52	21 8	17 31	14 57	15 1	0 8		n.a.
T 9	16 32	10 37	0n54	6 2	2 53	0 39	1 59	25 38	2 19	24 5	0 31	12 36	1 58	4 20	0 44	13 57	1 52	21 8	17 30	14 57	15 2	0 5		n.a.
F 10	16 49	4 10	2 6	6 39	2 47	0 14	2 1	25 41	2 23	24 5	0 31	12 39	1 58	4 20	0 44	13 57	1 52	21 8	17 30	14 58	15 3	0 2		n.a.
S 11	17 5	2n35	3 11	7 17	2 40	0n12	2 2	25 43	2 27	24 5	0 31	12 41	1 58	4 19	0 44	13 56	1 52	21 8	17 29	14 59	15 4	0s 2		n.a.
S 12	17 22	9 16	4 4	7 56	2 32	0 38	2 3	25 46	2 31	24 4	0 31	12 44	1 58	4 18	0 44	13 56	1 52	21 8	17 29	15 1	15 5	0 5		n.a.
M13	17 38	15 28	4 41	8 37	2 24	1 4	2 4	25 49	2 35	24 4	0 31	12 46	1 58	4 17	0 44	13 55	1 52	21 7	17 28	15 4	15 6	0 8		n.a.
T 14	17 53	20 44	4 59	9 18	2 16	1 30	2 5	25 52	2 39	24 3	0 31	12 49	1 57	4 16	0 44	13 55	1 52	21 7	17 28	15 7	15 7	0 12		n.a.
W15	18 9	24 42	4 57	10 0	2 7	1 56	2 6	25 54	2 43	24 3	0 31	12 51	1 57	4 15	0 44	13 54	1 52	21 7	17 27	15 11	15 8	0 15		n.a.
T 16	18 24	27 3	4 37	10 43	1 58	2 23	2 7	25 57	2 47	24 2	0 31	12 54	1 57	4 15	0 44	13 54	1 52	21 7	17 27	15 14	15 9	0 18		n.a.
F 17	18 39	27 39	4 2	11 27	1 48	2 49	2 7	26 0	2 51	24 1	0 31	12 56	1 57	4 14	0 44	13 53	1 52	21 6	17 26	15 17	15 10	0 22		n.a.
S 18	18 53	26 36	3 13	12 12	1 38	3 15	2 8	26 3	2 56	24 1	0 32	12 59	1 57	4 13	0 44	13 53	1 52	21 6	17 26	15 19	15 11	0 25		n.a.
S 19	19 8	24 7	2 17	12 57	1 28	3 41	2 8	26 6	3 0	24 0	0 32	13 1	1 57	4 12	0 44	13 52	1 52	21 6	17 25	15 21	15 12	0 28		n.a.
M20	19 22	20 32	1 15	13 43	1 17	4 8	2 9	26 10	3 4	24 0	0 32	13 4	1 57	4 12	0 44	13 52	1 52	21 5	17 25	15 21	15 13	0 32		n.a.
T 21	19 35	16 8	0 11	14 28	1 6	4 34	2 9	26 13	3 9	23 59	0 32	13 6	1 57	4 11	0 44	13 52	1 52	21 5	17 24	15 21	15 14	0 35		n.a.
W22	19 49	11 12	0s53	15 14	0 55	5 0	2 9	26 17	3 13	23 58	0 32	13 8	1 57	4 10	0 44	13 51	1 52	21 5	17 23	15 21	15 15	0 38		n.a.
T 23	20 1	5 54	1 53	16 0	0 44	5 26	2 9	26 20	3 18	23 58	0 32	13 11	1 57	4 9	0 44	13 51	1 52	21 4	17 23	15 22	15 16	0 42		n.a.
F 24	20 14	0 26	2 48	16 45	0 33	5 53	2 9	26 24	3 22	23 57	0 32	13 13	1 57	4 9	0 44	13 50	1 52	21 4	17 22	15 22	15 17	0 45		n.a.
S 25	20 26	5s 3	3 36	17 30	0 21	6 19	2 9	26 27	3 27	23 56	0 32	13 16	1 58	4 8	0 44	13 50	1 52	21 3	17 22	15 23	15 18	0 48		n.a.
S 26	20 38	10 24	4 15	18 14	0 10	6 45	2 9	26 31	3 31	23 56	0 32	13 18	1 58	4 8	0 44	13 49	1 52	21 3	17 21	15 26	15 19	0 52		n.a.
M27	20 50	15 26	4 43	18 56	0n 1	7 11	2 8	26 35	3 36	23 55	0 32	13 20	1 58	4 7	0 44	13 49	1 52	21 3	17 21	15 28	15 20	0 55		n.a.
T 28	21 1	19 56	4 59	19 38	0 12	7 37	2 8	26 39	3 41	23 54	0 32	13 23	1 58	4 6	0 44	13 48	1 52	21 2	17 20	15 32	15 21	0 58		n.a.
W29	21 12	23 38	5 0	20 18	0 22	8 3	2 7	26 43	3 45	23 53	0 32	13 25	1 58	4 6	0 44	13 48	1 52	21 2	17 20	15 36	15 22	1 2		n.a.
T 30	21 23	26 15	4 46	20 57	0 32	8 29	2 7	26 47	3 50	23 52	0 32	13 27	1 58	4 5	0 44	13 48	1 52	21 1	17 19	15 39	15 23	1 5		n.a.
F 31	21n33	27s32	4s17	21n33	0n42	8n54	2s 6	26s52	3s55	23n52	0n32	13n29	1s58	4s 5	0s44	13s47	1n51	21n 1	17n19	15s43	15s24	1s 8		n.a.

Julian Day Number = 1720447.5, Delta T = 02h56m14s
Ecliptic obliquity = 23°41'50, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°05'54, Lahiri = - 3°58'54 Julian Calendar 1 May 3 BCE == Greg. Calendar 29 Apr. 003 BCE

The year -02 astronomical counting style corresponds to year 003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 3 BCE
geocentric

JUNE 3 BCE (-2) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 27 45	6♊59'51	2♑24	4♊34	29♈ 7	13♑51	10♋ 3	11♉20	21♓32	11°R49	17♍ 2	17°R30	18♒35	25♍51	n.a.	S 1
S 2	16 31 42	7°56'57	15°50	6°45	0♉17	13°53	10°15	11°27	21°34	11♏48	17° 2	17♒24	18°31	25°58	n.a.	S 2
M 3	16 35 38	8°54'03	29°26	8°55	1°26	13°54	10°27	11°35	21°35	11°46	17° 2	17°20	18°28	26° 4	n.a.	M 3
T 4	16 39 35	9°51'10	13♒12	11° 5	2°36	13°R55	10°39	11°42	21°36	11°45	17° 2	17°D19	18°25	26°11	n.a.	T 4
W 5	16 43 32	10°48'17	27° 6	13°15	3°46	13°55	10°52	11°49	21°37	11°44	17° 3	17°19	18°22	26°18	n.a.	W 5
T 6	16 47 28	11°45'23	11♓ 8	15°23	4°56	13°54	11° 4	11°56	21°39	11°42	17° 3	17°R19	18°19	26°24	n.a.	T 6
F 7	16 51 25	12°42'31	25°18	17°31	6° 5	13°52	11°16	12° 4	21°40	11°41	17° 3	17°19	18°16	26°31	n.a.	F 7
S 8	16 55 21	13°39'39	9♈34	19°37	7°15	13°50	11°28	12°11	21°41	11°40	17° 3	17°16	18°12	26°38	n.a.	S 8
S 9	16 59 18	14°36'47	23°55	21°42	8°25	13°47	11°41	12°18	21°42	11°38	17° 4	17°12	18° 9	26°44	n.a.	S 9
M10	17 3 14	15°33'56	8♉15	23°46	9°36	13°43	11°53	12°25	21°43	11°37	17° 4	17° 4	18° 6	26°51	n.a.	M10
T 11	17 7 11	16°31'05	22°31	25°48	10°46	13°38	12° 6	12°32	21°44	11°36	17° 4	16°56	18° 3	26°58	n.a.	T 11
W12	17 11 8	17°28'15	6♊36	27°48	11°56	13°33	12°18	12°39	21°45	11°35	17° 5	16°46	18° 0	27° 4	n.a.	W12
T 13	17 15 4	18°25'25	20°27	29°47	13° 6	13°26	12°31	12°46	21°45	11°33	17° 5	16°37	17°56	27°11	n.a.	T 13
F 14	17 19 1	19°22'36	3♋59	1♋44	14°17	13°19	12°43	12°53	21°46	11°32	17° 6	16°29	17°53	27°18	n.a.	F 14
S 15	17 22 57	20°19'46	17°10	3°39	15°27	13°12	12°56	12°59	21°47	11°31	17° 6	16°24	17°50	27°24	n.a.	S 15
S 16	17 26 54	21°16'57	29°59	5°32	16°38	13° 3	13° 9	13° 6	21°48	11°30	17° 7	16°20	17°47	27°31	n.a.	S 16
M17	17 30 50	22°14'09	12♌30	7°23	17°48	12°54	13°21	13°13	21°48	11°29	17° 7	16°D19	17°44	27°38	n.a.	M17
T 18	17 34 47	23°11'20	24°43	9°13	18°59	12°45	13°34	13°20	21°49	11°28	17° 8	16°19	17°41	27°44	n.a.	T 18
W19	17 38 43	24° 8'32	6♍44	11° 0	20°10	12°34	13°47	13°26	21°49	11°26	17° 9	16°20	17°37	27°51	n.a.	W19
T 20	17 42 40	25° 5'44	18°37	12°46	21°20	12°23	14° 0	13°33	21°50	11°25	17° 9	16°21	17°34	27°58	n.a.	T 20
F 21	17 46 37	26° 2'56	0♎27	14°30	22°31	12°12	14°12	13°39	21°50	11°24	17°10	16°R21	17°31	28° 5	n.a.	F 21
S 22	17 50 33	27° 0'09	12°20	16°12	23°42	12° 0	14°25	13°46	21°51	11°23	17°11	16°20	17°28	28°11	n.a.	S 22
S 23	17 54 30	27°57'22	24°21	17°52	24°53	11°47	14°38	13°52	21°51	11°22	17°11	16°16	17°25	28°18	n.a.	S 23
M24	17 58 26	28°54'35	6♏32	19°31	26° 4	11°34	14°51	13°59	21°51	11°21	17°12	16°11	17°22	28°25	n.a.	M24
T 25	18 2 23	29°51'49	18°59	21° 7	27°15	11°21	15° 4	14° 5	21°52	11°20	17°13	16° 5	17°18	28°31	n.a.	T 25
W26	18 6 19	0♋49'04	1♐44	22°42	28°26	11° 7	15°17	14°11	21°52	11°20	17°14	15°57	17°15	28°38	n.a.	W26
T 27	18 10 16	1°46'19	14°46	24°15	29°38	10°52	15°30	14°17	21°52	11°19	17°15	15°49	17°12	28°45	n.a.	T 27
F 28	18 14 12	2°43'35	28° 7	25°46	0♊49	10°38	15°43	14°23	21°52	11°18	17°16	15°43	17° 9	28°51	n.a.	F 28
S 29	18 18 9	3°40'52	11♑44	27°15	2° 0	10°23	15°56	14°29	21°52	11°17	17°17	15°37	17° 6	28°58	n.a.	S 29
S 30	18 22 6	4♋38'10	25♑34	28♋42	3♊12	10♑ 8	16♋ 9	14♉35	21°R52	11♏16	17♍18	15♒34	17♒ 2	29♍ 5	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21n43	27s15	3s34	22n 8	0n52	9n20	2s 5	26s56	3s59	23n51	0n32	13n32	1s58	4s 4	0s44	13s47	1n51	21n 0	17n18	15s45	15s25	1s12		n.a.	
S 2	21 52	25 23	2 39	22 40	1 0	9 45	2 5	27 1	4 4	23 50	0 32	13 34	1 58	4 4	0 44	13 46	1 51	21 0	17 18	15 47	15 26	1 15		n.a.	
M 3	22 1	22 1	1 34	23 9	1 9	10 10	2 4	27 5	4 9	23 49	0 32	13 36	1 58	4 3	0 44	13 46	1 51	20 59	17 17	15 48	15 27	1 18		n.a.	
T 4	22 10	17 23	0 22	23 36	1 16	10 35	2 3	27 10	4 14	23 48	0 32	13 38	1 58	4 3	0 44	13 46	1 51	20 58	17 16	15 49	15 28	1 22		n.a.	
W 5	22 18	11 48	0n52	24 0	1 23	11 0	2 1	27 15	4 19	23 47	0 32	13 41	1 58	4 2	0 44	13 45	1 51	20 58	17 16	15 49	15 29	1 25		n.a.	
T 6	22 26	5 34	2 3	24 22	1 29	11 25	2 0	27 20	4 23	23 46	0 32	13 43	1 58	4 2	0 45	13 45	1 51	20 57	17 15	15 49	15 30	1 28		n.a.	
F 7	22 34	0n59	3 8	24 41	1 35	11 49	1 59	27 25	4 28	23 45	0 32	13 45	1 58	4 1	0 45	13 44	1 51	20 57	17 15	15 49	15 31	1 31		n.a.	
S 8	22 41	7 31	4 1	24 57	1 40	12 14	1 58	27 30	4 33	23 44	0 32	13 47	1 58	4 1	0 45	13 44	1 51	20 56	17 14	15 49	15 32	1 35		n.a.	
S 9	22 48	13 42	4 40	25 10	1 44	12 38	1 56	27 35	4 38	23 43	0 33	13 49	1 58	4 1	0 45	13 44	1 51	20 55	17 14	15 51	15 33	1 38		n.a.	
M10	22 54	19 8	5 0	25 20	1 47	13 2	1 55	27 40	4 42	23 42	0 33	13 51	1 58	4 0	0 45	13 43	1 51	20 55	17 13	15 53	15 34	1 41		n.a.	
T 11	23 0	23 28	5 3	25 28	1 50	13 25	1 53	27 45	4 47	23 41	0 33	13 53	1 58	4 0	0 45	13 43	1 51	20 54	17 13	15 56	15 35	1 45		n.a.	
W12	23 6	26 21	4 46	25 33	1 52	13 49	1 52	27 50	4 52	23 40	0 33	13 55	1 58	4 0	0 45	13 43	1 51	20 54	17 12	15 59	15 36	1 48		n.a.	
T 13	23 11	27 33	4 13	25 35	1 53	14 12	1 50	27 56	4 57	23 39	0 33	13 57	1 58	3 59	0 45	13 42	1 51	20 53	17 11	16 1	15 37	1 51		n.a.	
F 14	23 16	27 5	3 27	25 35	1 54	14 34	1 48	28 1	5 1	23 37	0 33	13 59	1 58	3 59	0 45	13 42	1 51	20 52	17 11	16 4	15 38	1 55		n.a.	
S 15	23 20	25 3	2 30	25 33	1 54	14 57	1 47	28 6	5 6	23 36	0 33	14 1	1 58	3 59	0 45	13 42	1 51	20 51	17 10	16 6	15 39	1 58		n.a.	
S 16	23 24	21 47	1 26	25 28	1 53	15 19	1 45	28 12	5 10	23 35	0 33	14 3	1 58	3 58	0 45	13 41	1 51	20 51	17 10	16 7	15 40	2 1		n.a.	
M17	23 28	17 34	0 21	25 21	1 52	15 41	1 43	28 17	5 15	23 34	0 33	14 5	1 59	3 58	0 45	13 41	1 51	20 50	17 9	16 7	15 41	2 5		n.a.	
T 18	23 31	12 43	0s45	25 12	1 50	16 2	1 41	28 22	5 19	23 33	0 33	14 7	1 59	3 58	0 45	13 41	1 51	20 49	17 9	16 7	15 42	2 8		n.a.	
W19	23 34	7 28	1 48	25 2	1 48	16 23	1 39	28 27	5 23	23 31	0 33	14 9	1 59	3 58	0 45	13 40	1 51	20 48	17 8	16 7	15 43	2 11		n.a.	
T 20	23 36	2 1	2 45	24 49	1 45	16 44	1 37	28 33	5 27	23 30	0 33	14 11	1 59	3 58	0 45	13 40	1 51	20 48	17 8	16 6	15 44	2 14		n.a.	
F 21	23 38	3s28	3 35	24 35	1 41	17 5	1 35	28 38	5 32	23 29	0 33	14 13	1 59	3 57	0 45	13 40	1 51	20 47	17 7	16 6	15 45	2 18		n.a.	
S 22	23 40	8 51	4 16	24 19	1 37	17 25	1 32	28 43	5 36	23 27	0 33	14 15	1 59	3 57	0 45	13 40	1 51	20 46	17 6	16 7	15 46	2 21		n.a.	
S 23	23 41	13 57	4 46	24 1	1 33	17 44	1 30	28 48	5 39	23 26	0 33	14 17	1 59	3 57	0 45	13 39	1 51	20 45	17 6	16 8	15 47	2 24		n.a.	
M24	23 42	18 37	5 4	23 42	1 28	18 3	1 28	28 53	5 43	23 25	0 33	14 19	1 59	3 57	0 45	13 39	1 50	20 45	17 5	16 9	15 48	2 28		n.a.	
T 25	23 42	22 34	5 8	23 22	1 22	18 22	1 25	28 58	5 47	23 23	0 33	14 20	1 59	3 57	0 45	13 39	1 50	20 44	17 5	16 11	15 49	2 31		n.a.	
W26	23 42	25 34	4 57	23 1	1 16	18 41	1 23	29 3	5 50	23 22	0 34	14 22	1 59	3 57	0 45	13 39	1 50	20 43	17 4	16 14	15 50	2 34		n.a.	
T 27	23 41	27 17	4 30	22 38	1 10	18 58	1 21	29 7	5 54	23 21	0 34	14 24	1 59	3 57	0 45	13 38	1 50	20 42	17 4	16 16	15 51	2 37		n.a.	
F 28	23 40	27 29	3 48	22 15	1 3	19 16	1 18	29 12	5 57	23 19	0 34	14 26	2 0	3 57	0 45	13 38	1 50	20 41	17 3	16 18	15 52	2 41		n.a.	
S 29	23 39	26 3	2 53	21 51	0 56	19 33	1 16	29 16	6 0	23 18	0 34	14 27	2 0	3 57	0 45	13 38	1 50	20 40	17 3	16 19	15 53	2 44		n.a.	
S 30	23n37	23s 0	1s46	21n26	0n48	19n49	1s13	29s20	6s 3	23n16	0n34	14n29	2s 0	3s57	0s45	13s38	1n50	20n39	17n 2	16s21	15s54	2s47		n.a.	

Julian Day Number = 1720478.5, Delta T = 02h56m13s
Ecliptic obliquity = 23°41'49, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°05'50, Lahiri = - 3°58'49 Julian Calendar 1 June 3 BCE == Greg. Calendar 30 May 003 BCE

The year -02 astronomical counting style corresponds to year 003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 3 BCE
geocentric

JULY 3 BCE (-2) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 26 2	5♋35'28	9♒35	0♌ 8	4♊23	9°R52	16♋22	14♉41	21°R52	11°R15	17♍19	15°D32	16♒59	29♍11	n.a.	M 1
T 2	18 29 59	6°32'48	23°43	1°31	5°35	9♑36	16°35	14°47	21♓52	11♏15	17°20	15♒32	16°56	29°18	n.a.	T 2
W 3	18 33 55	7°30'09	7♓54	2°53	6°46	9°21	16°48	14°53	21°52	11°14	17°21	15°33	16°53	29°25	n.a.	W 3
T 4	18 37 52	8°27'31	22° 8	4°12	7°58	9° 5	17° 1	14°59	21°52	11°13	17°22	15°35	16°50	29°31	n.a.	T 4
F 5	18 41 48	9°24'54	6♈20	5°30	9° 9	8°49	17°14	15° 5	21°52	11°12	17°23	15°R36	16°47	29°38	n.a.	F 5
S 6	18 45 45	10°22'19	20°30	6°45	10°21	8°33	17°27	15°10	21°51	11°12	17°24	15°35	16°43	29°45	n.a.	S 6
S 7	18 49 41	11°19'45	4♉36	7°58	11°33	8°17	17°41	15°16	21°51	11°11	17°26	15°33	16°40	29°51	n.a.	S 7
M 8	18 53 38	12°17'13	18°34	9° 9	12°45	8° 1	17°54	15°21	21°51	11°11	17°27	15°30	16°37	29°58	n.a.	M 8
T 9	18 57 35	13°14'42	2♊24	10°18	13°57	7°45	18° 7	15°27	21°50	11°10	17°28	15°26	16°34	0♎ 5	n.a.	T 9
W10	19 1 31	14°12'12	16° 3	11°24	15° 9	7°29	18°20	15°32	21°50	11°10	17°29	15°21	16°31	0°11	n.a.	W10
T 11	19 5 28	15° 9'44	29°29	12°28	16°21	7°14	18°33	15°37	21°49	11° 9	17°31	15°16	16°28	0°18	n.a.	T 11
F 12	19 9 24	16° 7'17	12♋39	13°29	17°33	6°59	18°46	15°42	21°49	11° 9	17°32	15°12	16°24	0°25	n.a.	F 12
S 13	19 13 21	17° 4'51	25°32	14°27	18°45	6°44	18°59	15°48	21°48	11° 8	17°34	15°10	16°21	0°32	n.a.	S 13
S 14	19 17 17	18° 2'27	8♌10	15°23	19°58	6°30	19°13	15°53	21°47	11° 8	17°35	15° 8	16°18	0°38	n.a.	S 14
M15	19 21 14	19° 0'03	20°32	16°16	21°10	6°16	19°26	15°58	21°47	11° 7	17°36	15°D 8	16°15	0°45	n.a.	M15
T 16	19 25 11	19°57'41	2♍42	17° 5	22°22	6° 2	19°39	16° 2	21°46	11° 7	17°38	15° 9	16°12	0°52	n.a.	T 16
W17	19 29 7	20°55'20	14°41	17°51	23°35	5°49	19°52	16° 7	21°45	11° 7	17°39	15°11	16° 8	0°58	n.a.	W17
T 18	19 33 4	21°53'00	26°33	18°34	24°47	5°36	20° 5	16°12	21°44	11° 6	17°41	15°12	16° 5	1° 5	n.a.	T 18
F 19	19 37 0	22°50'41	8♎23	19°13	26° 0	5°24	20°18	16°17	21°43	11° 6	17°42	15°14	16° 2	1°12	n.a.	F 19
S 20	19 40 57	23°48'23	20°16	19°48	27°12	5°13	20°32	16°21	21°43	11° 6	17°44	15°R14	15°59	1°18	n.a.	S 20
S 21	19 44 53	24°46'07	2♏16	20°19	28°25	5° 2	20°45	16°26	21°42	11° 6	17°46	15°14	15°56	1°25	n.a.	S 21
M22	19 48 50	25°43'52	14°29	20°46	29°38	4°52	20°58	16°30	21°41	11° 6	17°47	15°13	15°53	1°32	n.a.	M22
T 23	19 52 46	26°41'38	26°57	21° 8	0♋50	4°43	21°11	16°34	21°39	11° 5	17°49	15°11	15°49	1°38	n.a.	T 23
W24	19 56 43	27°39'26	9♐45	21°25	2° 3	4°34	21°24	16°38	21°38	11° 5	17°50	15° 9	15°46	1°45	n.a.	W24
T 25	20 0 40	28°37'14	22°55	21°37	3°16	4°26	21°37	16°43	21°37	11° 5	17°52	15° 7	15°43	1°52	n.a.	T 25
F 26	20 4 36	29°35'05	6♑27	21°44	4°29	4°18	21°50	16°47	21°36	11°D 5	17°54	15° 5	15°40	1°58	n.a.	F 26
S 27	20 8 33	0♌32'56	20°21	21°R45	5°42	4°12	22° 3	16°51	21°35	11° 5	17°56	15° 3	15°37	2° 5	n.a.	S 27
S 28	20 12 29	1°30'50	4♒33	21°41	6°55	4° 6	22°17	16°54	21°33	11° 5	17°57	15° 2	15°34	2°12	n.a.	S 28
M29	20 16 26	2°28'45	19° 0	21°30	8° 8	4° 1	22°30	16°58	21°32	11° 5	17°59	15°D 2	15°30	2°18	n.a.	M29
T 30	20 20 22	3°26'41	3♓34	21°14	9°21	3°56	22°43	17° 2	21°31	11° 6	18° 1	15° 2	15°27	2°25	n.a.	T 30
W31	20 24 19	4♌24'40	18♓11	20♌52	10♋34	3♑53	22♋56	17♉ 5	21♓29	11♏ 6	18♍ 3	15♒ 3	15♒24	2♎32	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n35	18s34	0s32	21n 0	0n40	20n 5	1s11	29s24	6s 6	23n15	0n34	14n31	2s 0	3s57	0s45	13s37	1n50	20n39	17n 2	16s21	15s55	2s51			n.a.
T 2	23 32	13 4	0n44	20 33	0 32	20 21	1 8	29 28	6 8	23 13	0 34	14 32	2 0	3 57	0 45	13 37	1 50	20 38	17 1	16 21	15 56	2 54			n.a.
W 3	23 29	6 52	1 59	20 6	0 23	20 36	1 5	29 31	6 11	23 11	0 34	14 34	2 0	3 57	0 45	13 37	1 50	20 37	17 1	16 21	15 57	2 57			n.a.
T 4	23 25	0 19	3 6	19 39	0 15	20 50	1 3	29 35	6 13	23 10	0 34	14 35	2 0	3 57	0 45	13 37	1 50	20 36	17 0	16 20	15 58	3 0			n.a.
F 5	23 22	6n14	4 2	19 11	0 5	21 4	1 0	29 38	6 15	23 8	0 34	14 37	2 0	3 57	0 46	13 37	1 50	20 35	17 0	16 20	15 59	3 4			n.a.
S 6	23 17	12 26	4 42	18 43	0s 4	21 18	0 57	29 41	6 17	23 7	0 34	14 39	2 0	3 58	0 46	13 37	1 50	20 34	16 59	16 20	16 0	3 7			n.a.
S 7	23 12	17 59	5 6	18 15	0 14	21 30	0 55	29 44	6 19	23 5	0 34	14 40	2 0	3 58	0 46	13 37	1 50	20 33	16 59	16 21	16 1	3 10			n.a.
M 8	23 7	22 31	5 11	17 47	0 24	21 43	0 52	29 46	6 20	23 3	0 34	14 42	2 1	3 58	0 46	13 36	1 50	20 32	16 58	16 22	16 1	3 14			n.a.
T 9	23 2	25 44	4 58	17 18	0 34	21 54	0 49	29 49	6 22	23 2	0 34	14 43	2 1	3 58	0 46	13 36	1 50	20 31	16 58	16 23	16 2	3 17			n.a.
W10	22 56	27 24	4 28	16 50	0 45	22 5	0 47	29 51	6 23	23 0	0 35	14 44	2 1	3 58	0 46	13 36	1 50	20 30	16 57	16 24	16 3	3 20			n.a.
T 11	22 49	27 26	3 44	16 22	0 55	22 16	0 44	29 53	6 24	22 58	0 35	14 46	2 1	3 59	0 46	13 36	1 50	20 29	16 57	16 26	16 4	3 23			n.a.
F 12	22 43	25 53	2 49	15 54	1 6	22 26	0 41	29 55	6 24	22 56	0 35	14 47	2 1	3 59	0 46	13 36	1 49	20 28	16 56	16 27	16 5	3 27			n.a.
S 13	22 36	22 59	1 45	15 26	1 17	22 35	0 38	29 56	6 25	22 55	0 35	14 49	2 1	3 59	0 46	13 36	1 49	20 27	16 56	16 28	16 6	3 30			n.a.
S 14	22 28	19 2	0 38	14 59	1 28	22 44	0 35	29 57	6 25	22 53	0 35	14 50	2 1	3 59	0 46	13 36	1 49	20 26	16 55	16 28	16 7	3 33			n.a.
M15	22 20	14 20	0s30	14 33	1 40	22 52	0 32	29 58	6 26	22 51	0 35	14 51	2 2	4 0	0 46	13 36	1 49	20 25	16 55	16 28	16 8	3 36			n.a.
T 16	22 12	9 9	1 35	14 7	1 51	22 59	0 30	29 59	6 26	22 49	0 35	14 53	2 2	4 0	0 46	13 36	1 49	20 24	16 54	16 28	16 9	3 40			n.a.
W17	22 3	3 43	2 35	13 42	2 2	23 6	0 27	29 59	6 26	22 47	0 35	14 54	2 2	4 0	0 46	13 36	1 49	20 23	16 54	16 27	16 10	3 43			n.a.
T 18	21 54	1s48	3 29	13 18	2 14	23 12	0 24	30 0	6 25	22 45	0 35	14 55	2 2	4 1	0 46	13 36	1 49	20 22	16 54	16 27	16 11	3 46			n.a.
F 19	21 44	7 13	4 13	12 55	2 25	23 17	0 21	30 0	6 25	22 44	0 35	14 56	2 2	4 1	0 46	13 36	1 49	20 21	16 53	16 27	16 12	3 49			n.a.
S 20	21 34	12 24	4 46	12 34	2 36	23 22	0 18	30 0	6 24	22 42	0 35	14 57	2 2	4 2	0 46	13 36	1 49	20 20	16 53	16 26	16 13	3 53			n.a.
S 21	21 24	17 11	5 7	12 13	2 48	23 26	0 16	29 59	6 23	22 40	0 36	14 59	2 2	4 2	0 46	13 36	1 49	20 19	16 52	16 26	16 14	3 56			n.a.
M22	21 14	21 22	5 15	11 54	2 59	23 29	0 13	29 59	6 23	22 38	0 36	15 0	2 2	4 2	0 46	13 36	1 49	20 18	16 52	16 27	16 15	3 59			n.a.
T 23	21 3	24 41	5 9	11 37	3 10	23 32	0 10	29 58	6 21	22 36	0 36	15 1	2 3	4 3	0 46	13 36	1 49	20 17	16 51	16 27	16 16	4 2			n.a.
W24	20 51	26 53	4 47	11 22	3 20	23 34	0 7	29 57	6 20	22 34	0 36	15 2	2 3	4 3	0 46	13 36	1 49	20 16	16 51	16 28	16 17	4 6			n.a.
T 25	20 39	27 40	4 10	11 8	3 30	23 35	0 4	29 56	6 19	22 32	0 36	15 3	2 3	4 4	0 46	13 36	1 49	20 15	16 51	16 29	16 18	4 9			n.a.
F 26	20 27	26 49	3 17	10 57	3 40	23 36	0 2	29 55	6 17	22 30	0 36	15 4	2 3	4 4	0 46	13 36	1 49	20 14	16 50	16 29	16 19	4 12			n.a.
S 27	20 15	24 19	2 12	10 48	3 49	23 36	0n 1	29 53	6 16	22 28	0 36	15 5	2 3	4 5	0 46	13 36	1 49	20 13	16 50	16 30	16 20	4 15			n.a.
S 28	20 2	20 16	0 58	10 41	3 57	23 35	0 4	29 52	6 14	22 26	0 36	15 6	2 3	4 5	0 46	13 36	1 48	20 12	16 49	16 30	16 21	4 19			n.a.
M29	19 49	14 57	0n22	10 37	4 5	23 33	0 7	29 50	6 12	22 24	0 36	15 7	2 4	4 6	0 46	13 36	1 48	20 11	16 49	16 30	16 22	4 22			n.a.
T 30	19 36	8 44	1 41	10 36	4 12	23 31	0 9	29 48	6 10	22 22	0 36	15 8	2 4	4 6	0 46	13 36	1 48	20 10	16 49	16 30	16 23	4 25			n.a.
W31	19n22	2s 4	2n54	10n38	4s17	23n28	0n12	29s46	6s 8	22n19	0n37	15n 8	2s 4	4s 7	0s46	13s36	1n48	20n 9	16n48	16s30	16s23	4s28			n.a.

Julian Day Number = 1720508.5, Delta T = 02h56m12s
Ecliptic obliquity = 23°41'49, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°05'46, Lahiri = - 3°58'45 Julian Calendar 1 July 3 BCE == Greg. Calendar 29 June 003 BCE

The year -02 astronomical counting style corresponds to year 003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 3 BCE
geocentric

AUGUST 3 BCE (-2) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 28 15	5♌22'40	2♈45	20°R23	11♋47	3°R50	23♋ 9	17♉ 9	21°R28	11♏ 6	18♍ 5	15♒ 4	15♒21	2♎39	n.a.	T 1
F 2	20 32 12	6°20'42	17°11	19♌49	13° 1	3♑48	23°22	17°12	21♓26	11° 6	18° 7	15° 5	15°18	2°45	n.a.	F 2
S 3	20 36 9	7°18'46	1♉25	19° 9	14°14	3°46	23°35	17°16	21°25	11° 6	18° 8	15°R 5	15°14	2°52	n.a.	S 3
S 4	20 40 5	8°16'53	15°26	18°24	15°27	3°D46	23°48	17°19	21°23	11° 7	18°10	15° 5	15°11	2°59	n.a.	S 4
M 5	20 44 2	9°15'02	29°12	17°35	16°41	3°46	24° 1	17°22	21°22	11° 7	18°12	15° 5	15° 8	3° 5	n.a.	M 5
T 6	20 47 58	10°13'12	12♊43	16°41	17°54	3°48	24°13	17°25	21°20	11° 7	18°14	15° 4	15° 5	3°12	n.a.	T 6
W 7	20 51 55	11°11'25	25°59	15°45	19° 8	3°49	24°26	17°28	21°19	11° 8	18°16	15° 4	15° 2	3°19	n.a.	W 7
T 8	20 55 51	12° 9'40	9♋ 0	14°47	20°22	3°52	24°39	17°31	21°17	11° 8	18°18	15° 3	14°59	3°25	n.a.	T 8
F 9	20 59 48	13° 7'57	21°47	13°48	21°35	3°56	24°52	17°33	21°15	11° 8	18°20	15° 3	14°55	3°32	n.a.	F 9
S 10	21 3 44	14° 6'16	4♌22	12°49	22°49	4° 0	25° 5	17°36	21°13	11° 9	18°22	15° 3	14°52	3°39	n.a.	S 10
S 11	21 7 41	15° 4'37	16°44	11°53	24° 3	4° 5	25°18	17°38	21°11	11° 9	18°24	15° 3	14°49	3°45	n.a.	S 11
M12	21 11 38	16° 3'00	28°55	10°59	25°16	4°11	25°30	17°41	21°10	11°10	18°26	15° 3	14°46	3°52	n.a.	M12
T 13	21 15 34	17° 1'24	10♍58	10°11	26°30	4°18	25°43	17°43	21° 8	11°10	18°29	15° 3	14°43	3°59	n.a.	T 13
W14	21 19 31	17°59'50	22°53	9°27	27°44	4°26	25°56	17°45	21° 6	11°11	18°31	15° 3	14°40	4° 6	n.a.	W14
T 15	21 23 27	18°58'18	4♎44	8°51	28°58	4°34	26° 8	17°47	21° 4	11°12	18°33	15° 2	14°36	4°12	n.a.	T 15
F 16	21 27 24	19°56'48	16°33	8°22	0♌12	4°43	26°21	17°49	21° 2	11°12	18°35	15° 2	14°33	4°19	n.a.	F 16
S 17	21 31 20	20°55'20	28°25	8° 2	1°26	4°53	26°33	17°51	21° 0	11°13	18°37	15° 1	14°30	4°26	n.a.	S 17
S 18	21 35 17	21°53'53	10♏24	7°51	2°40	5° 3	26°46	17°53	20°58	11°14	18°39	15° 1	14°27	4°32	n.a.	S 18
M19	21 39 13	22°52'29	22°34	7°D49	3°54	5°15	26°58	17°55	20°56	11°14	18°41	15°D 0	14°24	4°39	n.a.	M19
T 20	21 43 10	23°51'06	4♐59	7°57	5° 8	5°27	27°11	17°56	20°54	11°15	18°44	15° 1	14°20	4°46	n.a.	T 20
W21	21 47 6	24°49'44	17°44	8°14	6°23	5°39	27°23	17°58	20°52	11°16	18°46	15° 1	14°17	4°52	n.a.	W21
T 22	21 51 3	25°48'25	0♑52	8°40	7°37	5°53	27°36	17°59	20°50	11°17	18°48	15° 2	14°14	4°59	n.a.	T 22
F 23	21 55 0	26°47'08	14°25	9°16	8°51	6° 7	27°48	18° 0	20°47	11°18	18°50	15° 3	14°11	5° 6	n.a.	F 23
S 24	21 58 56	27°45'52	28°25	10° 0	10° 5	6°22	28° 0	18° 1	20°45	11°19	18°53	15° 4	14° 8	5°12	n.a.	S 24
S 25	22 2 53	28°44'38	12♒49	10°52	11°20	6°37	28°12	18° 2	20°43	11°20	18°55	15°R 4	14° 5	5°19	n.a.	S 25
M26	22 6 49	29°43'26	27°33	11°53	12°34	6°53	28°24	18° 3	20°41	11°21	18°57	15° 4	14° 1	5°26	n.a.	M26
T 27	22 10 46	0♍42'16	12♓30	13° 0	13°48	7°10	28°37	18° 4	20°39	11°22	18°59	15° 3	13°58	5°33	n.a.	T 27
W28	22 14 42	1°41'08	27°32	14°13	15° 3	7°27	28°49	18° 5	20°36	11°23	19° 2	15° 1	13°55	5°39	n.a.	W28
T 29	22 18 39	2°40'03	12♈31	15°33	16°17	7°45	29° 1	18° 5	20°34	11°24	19° 4	14°59	13°52	5°46	n.a.	T 29
F 30	22 22 35	3°39'00	27°18	16°57	17°32	8° 3	29°12	18° 6	20°32	11°25	19° 6	14°57	13°49	5°53	n.a.	F 30
S 31	22 26 32	4♍37'59	11♉46	18♌26	18♌47	8♑22	29♋24	18♉ 6	20♓29	11♏26	19♍ 9	14♒55	13♒46	5♎59	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	19n 8	4n41	3n55	10n43	4s22	23n25	0n15	29s44	6s 6	22n17	0n37	15n 9	2s 4	4s 8	0s46	13s36	1n48	20n 8	16n48	16s29	16s24	4s32			n.a.
F 2	18 53	11 7	4 40	10 51	4 25	23 20	0 17	29 42	6 3	22 15	0 37	15 10	2 4	4 8	0 46	13 36	1 48	20 7	16 48	16 29	16 25	4 35			n.a.
S 3	18 38	16 54	5 8	11 2	4 26	23 15	0 20	29 39	6 1	22 13	0 37	15 11	2 4	4 9	0 46	13 37	1 48	20 6	16 47	16 29	16 26	4 38			n.a.
S 4	18 23	21 41	5 17	11 16	4 26	23 10	0 22	29 37	5 58	22 11	0 37	15 12	2 5	4 10	0 46	13 37	1 48	20 4	16 47	16 29	16 27	4 41			n.a.
M 5	18 8	25 11	5 7	11 32	4 24	23 3	0 25	29 34	5 56	22 9	0 37	15 12	2 5	4 10	0 46	13 37	1 48	20 3	16 47	16 29	16 28	4 45			n.a.
T 6	17 52	27 13	4 41	11 52	4 20	22 56	0 27	29 31	5 53	22 7	0 37	15 13	2 5	4 11	0 46	13 37	1 48	20 2	16 46	16 29	16 29	4 48			n.a.
W 7	17 36	27 38	4 0	12 15	4 14	22 49	0 30	29 29	5 50	22 4	0 37	15 14	2 5	4 12	0 47	13 37	1 48	20 1	16 46	16 29	16 30	4 51			n.a.
T 8	17 20	26 30	3 7	12 39	4 6	22 40	0 32	29 26	5 48	22 2	0 37	15 14	2 5	4 12	0 47	13 37	1 48	20 0	16 46	16 30	16 31	4 54			n.a.
F 9	17 3	23 59	2 6	13 5	3 57	22 31	0 35	29 23	5 45	22 0	0 37	15 15	2 5	4 13	0 47	13 38	1 48	19 59	16 45	16 30	16 32	4 58			n.a.
S 10	16 46	20 20	0 59	13 33	3 45	22 21	0 37	29 20	5 42	21 58	0 38	15 15	2 6	4 14	0 47	13 38	1 48	19 58	16 45	16 30	16 33	5 1			n.a.
S 11	16 29	15 51	0s 9	14 2	3 31	22 11	0 39	29 17	5 39	21 56	0 38	15 16	2 6	4 14	0 47	13 38	1 48	19 57	16 45	16 30	16 34	5 4			n.a.
M12	16 12	10 47	1 16	14 31	3 16	22 0	0 42	29 14	5 36	21 53	0 38	15 16	2 6	4 15	0 47	13 38	1 47	19 56	16 44	16 30	16 35	5 7			n.a.
T 13	15 54	5 24	2 19	15 0	3 0	21 48	0 44	29 10	5 33	21 51	0 38	15 17	2 6	4 16	0 47	13 39	1 47	19 55	16 44	16 30	16 36	5 10			n.a.
W14	15 36	0s 7	3 15	15 28	2 43	21 35	0 46	29 7	5 30	21 49	0 38	15 17	2 6	4 17	0 47	13 39	1 47	19 54	16 44	16 30	16 37	5 14			n.a.
T 15	15 18	5 36	4 2	15 55	2 24	21 22	0 48	29 3	5 27	21 46	0 38	15 18	2 6	4 18	0 47	13 39	1 47	19 53	16 44	16 30	16 38	5 17			n.a.
F 16	14 59	10 51	4 39	16 21	2 6	21 9	0 50	29 0	5 24	21 44	0 38	15 18	2 7	4 18	0 47	13 39	1 47	19 51	16 43	16 30	16 39	5 20			n.a.
S 17	14 41	15 45	5 4	16 45	1 46	20 54	0 52	28 56	5 20	21 42	0 38	15 19	2 7	4 19	0 47	13 40	1 47	19 50	16 43	16 30	16 39	5 23			n.a.
S 18	14 22	20 5	5 16	17 6	1 27	20 39	0 54	28 53	5 17	21 40	0 39	15 19	2 7	4 20	0 47	13 40	1 47	19 49	16 43	16 30	16 40	5 26			n.a.
M19	14 2	23 40	5 14	17 25	1 8	20 24	0 56	28 49	5 14	21 37	0 39	15 19	2 7	4 21	0 47	13 40	1 47	19 48	16 43	16 31	16 41	5 30			n.a.
T 20	13 43	26 14	4 58	17 41	0 50	20 8	0 58	28 45	5 11	21 35	0 39	15 19	2 7	4 22	0 47	13 40	1 47	19 47	16 42	16 30	16 42	5 33			n.a.
W21	13 23	27 33	4 27	17 54	0 32	19 51	1 0	28 42	5 7	21 33	0 39	15 20	2 7	4 22	0 47	13 41	1 47	19 46	16 42	16 30	16 43	5 36			n.a.
T 22	13 3	27 23	3 41	18 3	0 14	19 34	1 2	28 38	5 4	21 30	0 39	15 20	2 8	4 23	0 47	13 41	1 47	19 45	16 42	16 30	16 44	5 39			n.a.
F 23	12 43	25 35	2 42	18 10	0n 2	19 16	1 4	28 34	5 1	21 28	0 39	15 20	2 8	4 24	0 47	13 41	1 47	19 44	16 42	16 30	16 45	5 42			n.a.
S 24	12 23	22 11	1 31	18 12	0 17	18 57	1 5	28 30	4 58	21 26	0 39	15 20	2 8	4 25	0 47	13 42	1 47	19 43	16 42	16 29	16 46	5 46			n.a.
S 25	12 2	17 21	0 13	18 12	0 31	18 38	1 7	28 26	4 54	21 23	0 40	15 20	2 8	4 26	0 47	13 42	1 47	19 42	16 41	16 29	16 47	5 49			n.a.
M26	11 41	11 23	1n 8	18 7	0 44	18 19	1 8	28 21	4 51	21 21	0 40	15 20	2 8	4 27	0 47	13 42	1 47	19 41	16 41	16 29	16 48	5 52			n.a.
T 27	11 20	4 42	2 26	18 0	0 56	17 59	1 10	28 17	4 48	21 19	0 40	15 20	2 9	4 28	0 47	13 43	1 47	19 40	16 41	16 30	16 49	5 55			n.a.
W28	10 59	2n16	3 34	17 48	1 7	17 38	1 11	28 13	4 44	21 16	0 40	15 20	2 9	4 29	0 47	13 43	1 46	19 39	16 41	16 30	16 50	5 58			n.a.
T 29	10 38	9 4	4 26	17 34	1 17	17 17	1 13	28 9	4 41	21 14	0 40	15 20	2 9	4 30	0 47	13 44	1 46	19 38	16 41	16 31	16 51	6 2			n.a.
F 30	10 17	15 17	5 1	17 16	1 25	16 55	1 14	28 4	4 38	21 12	0 40	15 20	2 9	4 31	0 47	13 44	1 46	19 36	16 41	16 32	16 52	6 5			n.a.
S 31	9n55	20n31	5n15	16n55	1n32	16n33	1n15	28s 0	4s34	21n 9	0n40	15n20	2s 9	4s31	0s47	13s44	1n46	19n35	16n41	16s32	16s52	6s 8			n.a.

Julian Day Number = 1720539.5, Delta T = 02h56m11s
Ecliptic obliquity = 23°41'49, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°05'41, Lahiri = - 3°58'41 Julian Calendar 1 Aug. 3 BCE == Greg. Calendar 30 July 003 BCE

The year -02 astronomical counting style corresponds to year 003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 3 BCE
geocentric

SEPTEMBER 3 BCE (-2) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 30 29	5♍37'00	25♉53	19♌59	20♌ 1	8♏41	29♋36	18♉ 6	20°R27	11♏27	19♍11	14°R54	13♒42	6♎ 6	n.a.	S 1
M 2	22 34 25	6°36'05	9♊37	21°35	21°16	9° 2	29°48	18° 7	20♓25	11°28	19°13	14°D53	13°39	6°13	n.a.	M 2
T 3	22 38 22	7°35'11	22°59	23°13	22°31	9°22	29°59	18°R 7	20°22	11°29	19°16	14♒54	13°36	6°19	n.a.	T 3
W 4	22 42 18	8°34'20	6♋ 1	24°54	23°45	9°43	0♌11	18° 6	20°20	11°31	19°18	14°55	13°33	6°26	n.a.	W 4
T 5	22 46 15	9°33'32	18°45	26°36	25° 0	10° 5	0°23	18° 6	20°18	11°32	19°20	14°57	13°30	6°33	n.a.	T 5
F 6	22 50 11	10°32'46	1♌14	28°20	26°15	10°27	0°34	18° 6	20°15	11°33	19°23	14°58	13°26	6°39	n.a.	F 6
S 7	22 54 8	11°32'01	13°32	0♍ 5	27°30	10°50	0°46	18° 6	20°13	11°35	19°25	14°R59	13°23	6°46	n.a.	S 7
S 8	22 58 4	12°31'20	25°39	1°50	28°44	11°13	0°57	18° 5	20°11	11°36	19°27	14°59	13°20	6°53	n.a.	S 8
M 9	23 2 1	13°30'40	7♍40	3°36	29°59	11°36	1° 8	18° 4	20° 8	11°37	19°30	14°57	13°17	7° 0	n.a.	M 9
T 10	23 5 58	14°30'03	19°35	5°23	1♍14	12° 0	1°20	18° 4	20° 6	11°39	19°32	14°53	13°14	7° 6	n.a.	T 10
W11	23 9 54	15°29'27	1♎27	7° 9	2°29	12°25	1°31	18° 3	20° 3	11°40	19°34	14°48	13°11	7°13	n.a.	W11
T 12	23 13 51	16°28'54	13°17	8°55	3°44	12°50	1°42	18° 2	20° 1	11°42	19°37	14°43	13° 7	7°20	n.a.	T 12
F 13	23 17 47	17°28'23	25° 8	10°41	4°59	13°15	1°53	18° 1	19°58	11°43	19°39	14°37	13° 4	7°26	n.a.	F 13
S 14	23 21 44	18°27'53	7♏ 1	12°27	6°14	13°41	2° 4	17°59	19°56	11°45	19°42	14°31	13° 1	7°33	n.a.	S 14
S 15	23 25 40	19°27'26	19° 0	14°12	7°29	14° 7	2°14	17°58	19°53	11°46	19°44	14°26	12°58	7°40	n.a.	S 15
M16	23 29 37	20°27'01	1♐ 8	15°57	8°44	14°34	2°25	17°57	19°51	11°48	19°46	14°22	12°55	7°46	n.a.	M16
T 17	23 33 33	21°26'37	13°29	17°41	9°59	15° 1	2°36	17°55	19°49	11°49	19°49	14°21	12°51	7°53	n.a.	T 17
W18	23 37 30	22°26'15	26° 8	19°25	11°15	15°28	2°46	17°53	19°46	11°51	19°51	14°D20	12°48	8° 0	n.a.	W18
T 19	23 41 26	23°25'56	9♑ 8	21° 8	12°30	15°56	2°57	17°52	19°44	11°52	19°54	14°21	12°45	8° 7	n.a.	T 19
F 20	23 45 23	24°25'37	22°33	22°50	13°45	16°24	3° 7	17°50	19°41	11°54	19°56	14°23	12°42	8°13	n.a.	F 20
S 21	23 49 20	25°25'21	6♒26	24°32	15° 0	16°53	3°17	17°48	19°39	11°56	19°58	14°24	12°39	8°20	n.a.	S 21
S 22	23 53 16	26°25'07	20°47	26°13	16°15	17°21	3°28	17°46	19°36	11°57	20° 1	14°R24	12°36	8°27	n.a.	S 22
M23	23 57 13	27°24'54	5♓34	27°54	17°30	17°50	3°38	17°44	19°34	11°59	20° 3	14°22	12°32	8°33	n.a.	M23
T 24	0 1 9	28°24'43	20°40	29°34	18°46	18°20	3°48	17°41	19°32	12° 1	20° 5	14°19	12°29	8°40	n.a.	T 24
W25	0 5 6	29°24'34	5♈57	1♎14	20° 1	18°50	3°58	17°39	19°29	12° 3	20° 8	14°13	12°26	8°47	n.a.	W25
T 26	0 9 2	0♎24'28	21°14	2°52	21°16	19°20	4° 7	17°37	19°27	12° 4	20°10	14° 6	12°23	8°53	n.a.	T 26
F 27	0 12 59	1°24'23	6♉21	4°31	22°31	19°50	4°17	17°34	19°24	12° 6	20°12	13°59	12°20	9° 0	n.a.	F 27
S 28	0 16 55	2°24'21	21° 7	6° 9	23°47	20°21	4°27	17°31	19°22	12° 8	20°15	13°52	12°17	9° 7	n.a.	S 28
S 29	0 20 52	3°24'21	5♊28	7°46	25° 2	20°51	4°36	17°29	19°20	12°10	20°17	13°47	12°13	9°14	n.a.	S 29
M30	0 24 49	4♎24'23	19♊20	9♎22	26♍17	21♏23	4♌46	17♉26	19♓17	12♏12	20♍19	13♒44	12♒10	9♎20	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n33	24n26	5n10	16n32	1n38	16n11	1n17	27s55	4s31	21n 7	0n41	15n20	2s 9	4s32	0s47	13s45	1n46	19n34	16n41	16s32	16s53	6s11		n.a.
M 2	9 11	26 51	4 47	16 5	1 43	15 47	1 18	27 50	4 28	21 4	0 41	15 20	2 10	4 33	0 47	13 45	1 46	19 33	16 40	16 33	16 54	6 14		n.a.
T 3	8 49	27 39	4 8	15 37	1 47	15 24	1 19	27 46	4 25	21 2	0 41	15 20	2 10	4 34	0 47	13 46	1 46	19 32	16 40	16 32	16 55	6 18		n.a.
W 4	8 27	26 52	3 18	15 5	1 50	15 0	1 20	27 41	4 21	21 0	0 41	15 20	2 10	4 35	0 47	13 46	1 46	19 31	16 40	16 32	16 56	6 21		n.a.
T 5	8 4	24 40	2 19	14 32	1 52	14 36	1 21	27 36	4 18	20 57	0 41	15 20	2 10	4 36	0 47	13 47	1 46	19 30	16 40	16 31	16 57	6 24		n.a.
F 6	7 42	21 19	1 15	13 57	1 54	14 11	1 22	27 31	4 15	20 55	0 41	15 19	2 10	4 37	0 47	13 47	1 46	19 29	16 40	16 31	16 58	6 27		n.a.
S 7	7 19	17 4	0 8	13 20	1 54	13 46	1 22	27 26	4 12	20 53	0 41	15 19	2 10	4 38	0 47	13 47	1 46	19 28	16 40	16 31	16 59	6 30		n.a.
S 8	6 56	12 11	0s58	12 42	1 54	13 20	1 23	27 21	4 9	20 50	0 42	15 19	2 11	4 39	0 47	13 48	1 46	19 27	16 40	16 31	17 0	6 33		n.a.
M 9	6 33	6 55	2 1	12 3	1 53	12 54	1 24	27 15	4 5	20 48	0 42	15 18	2 11	4 40	0 47	13 48	1 46	19 26	16 40	16 32	17 1	6 37		n.a.
T 10	6 10	1 26	2 58	11 22	1 51	12 28	1 25	27 10	4 2	20 46	0 42	15 18	2 11	4 41	0 47	13 49	1 46	19 25	16 40	16 33	17 2	6 40		n.a.
W11	5 47	4s 3	3 47	10 40	1 49	12 1	1 25	27 5	3 59	20 43	0 42	15 18	2 11	4 42	0 47	13 49	1 46	19 24	16 40	16 34	17 3	6 43		n.a.
T 12	5 23	9 22	4 26	9 58	1 47	11 34	1 26	26 59	3 56	20 41	0 42	15 17	2 11	4 43	0 47	13 50	1 46	19 23	16 40	16 36	17 3	6 46		n.a.
F 13	5 0	14 22	4 53	9 14	1 44	11 7	1 26	26 53	3 53	20 39	0 42	15 17	2 11	4 44	0 47	13 50	1 46	19 22	16 40	16 38	17 4	6 49		n.a.
S 14	4 37	18 51	5 8	8 30	1 40	10 39	1 26	26 48	3 50	20 36	0 43	15 16	2 12	4 45	0 47	13 51	1 46	19 21	16 40	16 39	17 5	6 52		n.a.
S 15	4 13	22 37	5 10	7 46	1 36	10 11	1 27	26 42	3 47	20 34	0 43	15 16	2 12	4 46	0 47	13 51	1 45	19 20	16 40	16 41	17 6	6 55		n.a.
M16	3 49	25 28	4 58	7 1	1 32	9 43	1 27	26 36	3 44	20 32	0 43	15 15	2 12	4 47	0 47	13 52	1 45	19 20	16 40	16 42	17 7	6 59		n.a.
T 17	3 26	27 10	4 32	6 16	1 27	9 15	1 27	26 30	3 41	20 29	0 43	15 15	2 12	4 48	0 47	13 52	1 45	19 19	16 40	16 42	17 8	7 2		n.a.
W18	3 2	27 31	3 52	5 30	1 23	8 46	1 27	26 23	3 38	20 27	0 43	15 14	2 12	4 49	0 47	13 53	1 45	19 18	16 40	16 42	17 9	7 5		n.a.
T 19	2 38	26 22	3 0	4 44	1 17	8 17	1 27	26 17	3 35	20 25	0 43	15 13	2 12	4 50	0 47	13 54	1 45	19 17	16 40	16 42	17 10	7 8		n.a.
F 20	2 14	23 41	1 56	3 58	1 12	7 48	1 27	26 11	3 32	20 23	0 44	15 13	2 12	4 51	0 47	13 54	1 45	19 16	16 40	16 42	17 11	7 11		n.a.
S 21	1 50	19 34	0 43	3 13	1 7	7 18	1 27	26 4	3 29	20 20	0 44	15 12	2 13	4 52	0 47	13 55	1 45	19 15	16 40	16 41	17 12	7 14		n.a.
S 22	1 26	14 10	0n35	2 27	1 1	6 49	1 27	25 57	3 26	20 18	0 44	15 11	2 13	4 53	0 47	13 55	1 45	19 14	16 40	16 41	17 13	7 17		n.a.
M23	1 2	7 50	1 52	1 41	0 55	6 19	1 26	25 50	3 23	20 16	0 44	15 11	2 13	4 53	0 47	13 56	1 45	19 13	16 40	16 42	17 13	7 21		n.a.
T 24	0 38	0 56	3 3	0 55	0 49	5 49	1 26	25 44	3 20	20 14	0 44	15 10	2 13	4 54	0 47	13 56	1 45	19 12	16 40	16 43	17 14	7 24		n.a.
W25	0 14	6n 5	4 2	0 9	0 43	5 18	1 26	25 36	3 17	20 12	0 45	15 9	2 13	4 55	0 47	13 57	1 45	19 11	16 40	16 44	17 15	7 27		n.a.
T 26	0s10	12 45	4 44	0s36	0 36	4 48	1 25	25 29	3 14	20 9	0 45	15 8	2 13	4 56	0 47	13 58	1 45	19 11	16 40	16 47	17 16	7 30		n.a.
F 27	0 34	18 34	5 5	1 21	0 30	4 18	1 25	25 22	3 11	20 7	0 45	15 7	2 13	4 57	0 47	13 58	1 45	19 10	16 41	16 49	17 17	7 33		n.a.
S 28	0 58	23 8	5 5	2 7	0 23	3 47	1 24	25 15	3 8	20 5	0 45	15 6	2 14	4 58	0 47	13 59	1 45	19 9	16 41	16 51	17 18	7 36		n.a.
S 29	1 22	26 8	4 46	2 51	0 17	3 16	1 24	25 7	3 6	20 3	0 45	15 6	2 14	4 59	0 47	13 59	1 45	19 8	16 41	16 52	17 19	7 39		n.a.
M30	1s46	27n25	4n11	3s36	0n10	2n45	1n23	24s59	3s 3	20n 1	0n46	15n 5	2s14	5s 0	0s47	14s 0	1n45	19n 7	16n41	16s53	17s20	7s42		n.a.

Julian Day Number = 1720570.5, Delta T = 02h56m10s
Ecliptic obliquity = 23°41'49, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°05'37, Lahiri = - 3°58'37 Julian Calendar 1 Sept. 3 BCE == Greg. Calendar 30 Aug. 003 BCE

The year -02 astronomical counting style corresponds to year 003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 3 BCE
geocentric

OCTOBER 3 BCE (-2) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 28 45	5♎24'28	2♋43	10♎59	27♍33	21♑54	4♌55	17°R23	19°R15	12♏14	20♍22	13°D43	12♒ 7	9♎27	n.a.	T 1
W 2	0 32 42	6°24'35	15°41	12°34	28°48	22°26	5° 4	17♉20	19♓13	12°16	20°24	13♒43	12° 4	9°34	n.a.	W 2
T 3	0 36 38	7°24'44	28°18	14°10	0♎ 4	22°58	5°13	17°17	19°10	12°18	20°26	13°44	12° 1	9°40	n.a.	T 3
F 4	0 40 35	8°24'55	10♌38	15°44	1°19	23°30	5°22	17°13	19° 8	12°19	20°29	13°R45	11°57	9°47	n.a.	F 4
S 5	0 44 31	9°25'08	22°44	17°19	2°34	24° 2	5°31	17°10	19° 6	12°21	20°31	13°44	11°54	9°54	n.a.	S 5
S 6	0 48 28	10°25'23	4♍43	18°52	3°50	24°35	5°40	17° 7	19° 4	12°23	20°33	13°42	11°51	10° 0	n.a.	S 6
M 7	0 52 24	11°25'40	16°36	20°26	5° 5	25° 8	5°48	17° 3	19° 1	12°25	20°36	13°37	11°48	10° 7	n.a.	M 7
T 8	0 56 21	12°26'00	28°26	21°59	6°21	25°41	5°57	17° 0	18°59	12°27	20°38	13°29	11°45	10°14	n.a.	T 8
W 9	1 0 18	13°26'21	10♎16	23°32	7°36	26°14	6° 5	16°56	18°57	12°29	20°40	13°19	11°42	10°21	n.a.	W 9
T 10	1 4 14	14°26'44	22° 8	25° 4	8°52	26°48	6°13	16°52	18°55	12°31	20°42	13° 7	11°38	10°27	n.a.	T 10
F 11	1 8 11	15°27'08	4♏ 2	26°36	10° 7	27°21	6°21	16°48	18°53	12°34	20°45	12°55	11°35	10°34	n.a.	F 11
S 12	1 12 7	16°27'35	16° 1	28° 7	11°23	27°55	6°29	16°45	18°51	12°36	20°47	12°42	11°32	10°41	n.a.	S 12
S 13	1 16 4	17°28'03	28° 5	29°39	12°38	28°30	6°37	16°41	18°49	12°38	20°49	12°31	11°29	10°47	n.a.	S 13
M14	1 20 0	18°28'32	10♐17	1♏10	13°54	29° 4	6°45	16°37	18°47	12°40	20°51	12°23	11°26	10°54	n.a.	M14
T 15	1 23 57	19°29'04	22°40	2°40	15° 9	29°39	6°52	16°33	18°45	12°42	20°53	12°17	11°23	11° 1	n.a.	T 15
W16	1 27 53	20°29'36	5♑16	4°10	16°25	0♒13	7° 0	16°28	18°43	12°44	20°55	12°13	11°19	11° 7	n.a.	W16
T 17	1 31 50	21°30'10	18°11	5°40	17°40	0°48	7° 7	16°24	18°41	12°46	20°58	12°D12	11°16	11°14	n.a.	T 17
F 18	1 35 47	22°30'46	1♒27	7° 9	18°56	1°23	7°14	16°20	18°39	12°48	21° 0	12°12	11°13	11°21	n.a.	F 18
S 19	1 39 43	23°31'22	15° 7	8°38	20°11	1°59	7°21	16°16	18°37	12°50	21° 2	12°R13	11°10	11°28	n.a.	S 19
S 20	1 43 40	24°32'00	29°15	10° 7	21°27	2°34	7°28	16°11	18°35	12°53	21° 4	12°12	11° 7	11°34	n.a.	S 20
M21	1 47 36	25°32'39	13♓48	11°35	22°42	3° 9	7°35	16° 7	18°33	12°55	21° 6	12° 8	11° 3	11°41	n.a.	M21
T 22	1 51 33	26°33'19	28°45	13° 2	23°58	3°45	7°41	16° 2	18°32	12°57	21° 8	12° 2	11° 0	11°48	n.a.	T 22
W23	1 55 29	27°34'01	13♈58	14°29	25°13	4°21	7°48	15°58	18°30	12°59	21°10	11°54	10°57	11°54	n.a.	W23
T 24	1 59 26	28°34'44	29°17	15°56	26°29	4°57	7°54	15°53	18°28	13° 1	21°12	11°43	10°54	12° 1	n.a.	T 24
F 25	2 3 22	29°35'28	14♉30	17°21	27°45	5°33	8° 0	15°48	18°26	13° 4	21°14	11°31	10°51	12° 8	n.a.	F 25
S 26	2 7 19	0♏36'14	29°27	18°46	29° 0	6° 9	8° 6	15°44	18°25	13° 6	21°16	11°21	10°48	12°15	n.a.	S 26
S 27	2 11 16	1°37'02	13♊59	20°11	0♏16	6°46	8°12	15°39	18°23	13° 8	21°18	11°12	10°44	12°21	n.a.	S 27
M28	2 15 12	2°37'51	28° 2	21°34	1°31	7°22	8°17	15°34	18°22	13°10	21°20	11° 5	10°41	12°28	n.a.	M28
T 29	2 19 9	3°38'42	11♋34	22°56	2°47	7°59	8°23	15°29	18°20	13°12	21°22	11° 2	10°38	12°35	n.a.	T 29
W30	2 23 5	4°39'34	24°37	24°17	4° 2	8°36	8°28	15°25	18°19	13°15	21°24	11° 0	10°35	12°41	n.a.	W30
T 31	2 27 2	5♏40'28	7♌16	25♏36	5♏18	9♒12	8♌33	15♉20	18♓17	13♏17	21♍25	11♒ 0	10♒32	12♎48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	2s10	27n 2	3n22	4s20	0n 4	2n14	1n22	24s51	3s 0	19n59	0n46	15n 4	2s14	5s 1	0s47	14s 1	1n45	19n 6	16n41	16s53	17s21	7s46			n.a.
W 2	2 34	25 10	2 25	5 4	0s 3	1 43	1 21	24 44	2 58	19 57	0 46	15 3	2 14	5 2	0 47	14 1	1 45	19 6	16 41	16 53	17 22	7 49			n.a.
T 3	2 58	22 4	1 22	5 47	0 10	1 12	1 20	24 35	2 55	19 55	0 46	15 2	2 14	5 3	0 47	14 2	1 45	19 5	16 41	16 53	17 22	7 52			n.a.
F 4	3 22	18 2	0 17	6 31	0 16	0 41	1 20	24 27	2 52	19 53	0 46	15 1	2 14	5 4	0 47	14 2	1 45	19 4	16 42	16 53	17 23	7 55			n.a.
S 5	3 46	13 20	0s48	7 13	0 23	0 10	1 19	24 19	2 50	19 51	0 47	15 0	2 14	5 4	0 47	14 3	1 45	19 3	16 42	16 53	17 24	7 58			n.a.
S 6	4 10	8 11	1 50	7 56	0 30	0s21	1 17	24 10	2 47	19 49	0 47	14 59	2 14	5 5	0 47	14 4	1 45	19 3	16 42	16 54	17 25	8 1			n.a.
M 7	4 34	2 48	2 46	8 37	0 36	0 53	1 16	24 2	2 44	19 47	0 47	14 58	2 15	5 6	0 47	14 4	1 45	19 2	16 42	16 55	17 26	8 4			n.a.
T 8	4 58	2s39	3 35	9 19	0 43	1 24	1 15	23 53	2 42	19 45	0 47	14 56	2 15	5 7	0 47	14 5	1 45	19 1	16 42	16 57	17 27	8 7			n.a.
W 9	5 22	8 0	4 14	10 0	0 49	1 55	1 14	23 44	2 39	19 43	0 47	14 55	2 15	5 8	0 47	14 6	1 44	19 1	16 43	17 0	17 28	8 10			n.a.
T 10	5 45	13 4	4 43	10 40	0 56	2 26	1 13	23 35	2 37	19 41	0 48	14 54	2 15	5 9	0 47	14 6	1 44	19 0	16 43	17 4	17 29	8 13			n.a.
F 11	6 9	17 41	4 59	11 20	1 2	2 58	1 11	23 26	2 34	19 39	0 48	14 53	2 15	5 10	0 47	14 7	1 44	18 59	16 43	17 7	17 30	8 17			n.a.
S 12	6 32	21 37	5 2	11 59	1 8	3 29	1 10	23 16	2 32	19 38	0 48	14 52	2 15	5 10	0 47	14 8	1 44	18 59	16 43	17 11	17 31	8 20			n.a.
S 13	6 56	24 41	4 52	12 37	1 14	4 0	1 8	23 7	2 29	19 36	0 48	14 51	2 15	5 11	0 47	14 8	1 44	18 58	16 44	17 14	17 31	8 23			n.a.
M14	7 19	26 39	4 28	13 15	1 20	4 31	1 7	22 57	2 27	19 34	0 48	14 50	2 15	5 12	0 47	14 9	1 44	18 57	16 44	17 16	17 32	8 26			n.a.
T 15	7 42	27 20	3 51	13 52	1 26	5 2	1 5	22 48	2 24	19 32	0 49	14 48	2 15	5 13	0 47	14 10	1 44	18 57	16 44	17 18	17 33	8 29			n.a.
W16	8 5	26 38	3 3	14 29	1 32	5 32	1 4	22 38	2 22	19 31	0 49	14 47	2 15	5 13	0 46	14 10	1 44	18 56	16 44	17 19	17 34	8 32			n.a.
T 17	8 28	24 30	2 4	15 4	1 37	6 3	1 2	22 28	2 20	19 29	0 49	14 46	2 15	5 14	0 46	14 11	1 44	18 55	16 45	17 19	17 35	8 35			n.a.
F 18	8 51	20 59	0 57	15 39	1 42	6 34	1 0	22 18	2 17	19 27	0 49	14 45	2 15	5 15	0 46	14 12	1 44	18 55	16 45	17 19	17 36	8 38			n.a.
S 19	9 14	16 14	0n15	16 14	1 48	7 4	0 59	22 7	2 15	19 26	0 50	14 43	2 15	5 16	0 46	14 12	1 44	18 54	16 45	17 19	17 37	8 41			n.a.
S 20	9 36	10 28	1 29	16 47	1 52	7 34	0 57	21 57	2 12	19 24	0 50	14 42	2 15	5 16	0 46	14 13	1 44	18 54	16 46	17 19	17 38	8 44			n.a.
M21	9 59	4 0	2 39	17 19	1 57	8 4	0 55	21 46	2 10	19 23	0 50	14 41	2 15	5 17	0 46	14 14	1 44	18 53	16 46	17 20	17 38	8 47			n.a.
T 22	10 21	2n51	3 40	17 51	2 2	8 34	0 53	21 36	2 8	19 21	0 50	14 39	2 15	5 18	0 46	14 14	1 44	18 53	16 46	17 22	17 39	8 50			n.a.
W23	10 43	9 39	4 26	18 21	2 6	9 4	0 51	21 25	2 6	19 20	0 51	14 38	2 15	5 18	0 46	14 15	1 44	18 52	16 47	17 24	17 40	8 53			n.a.
T 24	11 5	15 54	4 54	18 51	2 10	9 33	0 49	21 14	2 3	19 18	0 51	14 37	2 15	5 19	0 46	14 16	1 44	18 52	16 47	17 27	17 41	8 56			n.a.
F 25	11 27	21 8	5 0	19 19	2 13	10 3	0 48	21 3	2 1	19 17	0 51	14 35	2 15	5 20	0 46	14 16	1 44	18 51	16 47	17 31	17 42	8 59			n.a.
S 26	11 48	24 54	4 46	19 47	2 17	10 32	0 45	20 51	1 59	19 16	0 51	14 34	2 15	5 20	0 46	14 17	1 44	18 51	16 48	17 34	17 43	9 3			n.a.
S 27	12 10	26 55	4 13	20 13	2 19	11 0	0 43	20 40	1 57	19 14	0 51	14 33	2 15	5 21	0 46	14 18	1 44	18 50	16 48	17 36	17 44	9 6			n.a.
M28	12 31	27 7	3 26	20 38	2 22	11 29	0 41	20 28	1 55	19 13	0 52	14 31	2 15	5 21	0 46	14 18	1 44	18 50	16 48	17 38	17 45	9 9			n.a.
T 29	12 52	25 40	2 29	21 1	2 24	11 57	0 39	20 17	1 53	19 12	0 52	14 30	2 15	5 22	0 46	14 19	1 44	18 49	16 49	17 39	17 45	9 12			n.a.
W30	13 13	22 50	1 25	21 24	2 26	12 25	0 37	20 5	1 51	19 11	0 52	14 28	2 15	5 23	0 46	14 20	1 44	18 49	16 49	17 39	17 46	9 15			n.a.
T 31	13s33	18n58	0n20	21s45	2s27	12s53	0n35	19s53	1s48	19n10	0n52	14n27	2s15	5s23	0s46	14s21	1n44	18n49	16n50	17s39	17s47	9s18			n.a.

Julian Day Number = 1720600.5, Delta T = 02h56m09s
Ecliptic obliquity = 23°41'49, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°05'33, Lahiri = - 3°58'33 Julian Calendar 1 Oct. 3 BCE == Greg. Calendar 29 Sept. 003 BCE

The year -02 astronomical counting style corresponds to year 003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 3 BCE
geocentric

NOVEMBER 3 BCE (-2) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 30 58	6♏41'23	19♌34	26♏54	6♏33	9♒49	8♌38	15°R15	18°R16	13♏19	21♍27	11°R 0	10♒28	12♎55	n.a.	F 1
S 2	2 34 55	7°42'20	1♍38	28°10	7°49	10°26	8°43	15♉10	18♓14	13°21	21°29	10♒58	10°25	13° 1	n.a.	S 2
S 3	2 38 51	8°43'18	13°33	29°24	9° 5	11° 4	8°48	15° 5	18°13	13°24	21°31	10°55	10°22	13° 8	n.a.	S 3
M 4	2 42 48	9°44'17	25°23	0♐36	10°20	11°41	8°52	15° 0	18°12	13°26	21°33	10°49	10°19	13°15	n.a.	M 4
T 5	2 46 45	10°45'18	7♎12	1°44	11°36	12°18	8°57	14°55	18°11	13°28	21°34	10°39	10°16	13°22	n.a.	T 5
W 6	2 50 41	11°46'20	19° 3	2°50	12°51	12°56	9° 1	14°50	18° 9	13°30	21°36	10°27	10°13	13°28	n.a.	W 6
T 7	2 54 38	12°47'23	0♏58	3°51	14° 7	13°33	9° 5	14°45	18° 8	13°33	21°38	10°13	10° 9	13°35	n.a.	T 7
F 8	2 58 34	13°48'27	12°59	4°49	15°22	14°11	9° 9	14°40	18° 7	13°35	21°39	9°58	10° 6	13°42	n.a.	F 8
S 9	3 2 31	14°49'32	25° 7	5°41	16°38	14°49	9°12	14°35	18° 6	13°37	21°41	9°43	10° 3	13°48	n.a.	S 9
S 10	3 6 27	15°50'38	7♐23	6°28	17°53	15°27	9°16	14°30	18° 5	13°40	21°43	9°30	10° 0	13°55	n.a.	S 10
M11	3 10 24	16°51'45	19°47	7° 9	19° 9	16° 5	9°19	14°25	18° 4	13°42	21°44	9°19	9°57	14° 2	n.a.	M11
T 12	3 14 20	17°52'52	2♑20	7°42	20°25	16°43	9°22	14°20	18° 3	13°44	21°46	9°11	9°54	14° 9	n.a.	T 12
W13	3 18 17	18°54'00	15° 5	8° 8	21°40	17°21	9°25	14°15	18° 2	13°46	21°47	9° 6	9°50	14°15	n.a.	W13
T 14	3 22 14	19°55'09	28° 3	8°24	22°56	17°59	9°28	14°11	18° 2	13°49	21°49	9° 4	9°47	14°22	n.a.	T 14
F 15	3 26 10	20°56'18	11♒17	8°R31	24°11	18°37	9°30	14° 6	18° 1	13°51	21°50	9°D 4	9°44	14°29	n.a.	F 15
S 16	3 30 7	21°57'27	24°50	8°27	25°27	19°15	9°32	14° 1	18° 0	13°53	21°52	9°R 4	9°41	14°35	n.a.	S 16
S 17	3 34 3	22°58'37	8♓45	8°13	26°42	19°54	9°35	13°56	18° 0	13°55	21°53	9° 3	9°38	14°42	n.a.	S 17
M18	3 38 0	23°59'47	23° 1	7°46	27°58	20°32	9°37	13°51	17°59	13°58	21°55	9° 0	9°34	14°49	n.a.	M18
T 19	3 41 56	25° 0'57	7♈37	7° 8	29°13	21°11	9°38	13°46	17°58	14° 0	21°56	8°55	9°31	14°56	n.a.	T 19
W20	3 45 53	26° 2'07	22°29	6°19	0♐29	21°49	9°40	13°41	17°58	14° 2	21°57	8°47	9°28	15° 2	n.a.	W20
T 21	3 49 49	27° 3'18	7♉30	5°19	1°44	22°28	9°41	13°37	17°57	14° 4	21°59	8°37	9°25	15° 9	n.a.	T 21
F 22	3 53 46	28° 4'29	22°30	4°10	3° 0	23° 7	9°43	13°32	17°57	14° 6	22° 0	8°25	9°22	15°16	n.a.	F 22
S 23	3 57 43	29° 5'41	7♊20	2°55	4°15	23°46	9°44	13°27	17°57	14° 9	22° 1	8°15	9°19	15°22	n.a.	S 23
S 24	4 1 39	0♐ 6'53	21°51	1°34	5°31	24°24	9°44	13°22	17°56	14°11	22° 2	8° 6	9°15	15°29	n.a.	S 24
M25	4 5 36	1° 8'06	5♋57	0°12	6°46	25° 3	9°45	13°18	17°56	14°13	22° 3	7°59	9°12	15°36	n.a.	M25
T 26	4 9 32	2° 9'19	19°35	28♏50	8° 1	25°42	9°45	13°13	17°56	14°15	22° 5	7°55	9° 9	15°43	n.a.	T 26
W27	4 13 29	3°10'32	2♌44	27°32	9°17	26°21	9°46	13° 9	17°56	14°17	22° 6	7°D53	9° 6	15°49	n.a.	W27
T 28	4 17 25	4°11'46	15°29	26°19	10°32	27° 0	9°R46	13° 4	17°56	14°20	22° 7	7°53	9° 3	15°56	n.a.	T 28
F 29	4 21 22	5°13'01	27°52	25°15	11°48	27°39	9°45	13° 0	17°D56	14°22	22° 8	7°54	9° 0	16° 3	n.a.	F 29
S 30	4 25 19	6♐14'15	9♍59	24♏19	13♐ 3	28♒18	9♌45	12♉55	17♓56	14♏24	22♍ 9	7°R54	8♒56	16♎ 9	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
F 1	13 s54	14n24	0 s45	22 s 4	2 s27	13 s20	0n33	19 s41	1 s46	19n 9	0n53	14n26	2 s15	5 s24	0 s46	14 s21	1n44	18n48	16n50	17 s40	17 s48	9 s21			n.a.
S 2	14 14	9 21	1 47	22 21	2 27	13 47	0 31	19 29	1 44	19 8	0 53	14 24	2 15	5 24	0 46	14 22	1 44	18 48	16 50	17 40	17 49	9 24			n.a.
S 3	14 34	4 2	2 43	22 38	2 27	14 14	0 28	19 17	1 42	19 7	0 53	14 23	2 15	5 25	0 46	14 23	1 44	18 47	16 51	17 41	17 50	9 27			n.a.
M 4	14 53	1 s22	3 31	22 52	2 25	14 40	0 26	19 4	1 40	19 6	0 53	14 21	2 15	5 25	0 46	14 23	1 44	18 47	16 51	17 43	17 51	9 30			n.a.
T 5	15 13	6 43	4 11	23 4	2 23	15 6	0 24	18 52	1 38	19 5	0 54	14 20	2 15	5 26	0 46	14 24	1 44	18 47	16 52	17 45	17 52	9 33			n.a.
W 6	15 32	11 50	4 39	23 15	2 20	15 31	0 22	18 39	1 36	19 4	0 54	14 19	2 15	5 26	0 46	14 25	1 44	18 47	16 52	17 48	17 52	9 36			n.a.
T 7	15 51	16 32	4 55	23 23	2 17	15 56	0 19	18 26	1 34	19 3	0 54	14 17	2 15	5 26	0 46	14 25	1 44	18 46	16 53	17 52	17 53	9 39			n.a.
F 8	16 9	20 38	4 59	23 29	2 12	16 21	0 17	18 13	1 33	19 2	0 55	14 16	2 15	5 27	0 46	14 26	1 44	18 46	16 53	17 56	17 54	9 42			n.a.
S 9	16 28	23 55	4 49	23 33	2 6	16 45	0 15	18 0	1 31	19 1	0 55	14 14	2 15	5 27	0 46	14 27	1 44	18 46	16 53	18 0	17 55	9 45			n.a.
S 10	16 46	26 8	4 25	23 35	1 59	17 9	0 12	17 47	1 29	19 1	0 55	14 13	2 15	5 28	0 46	14 27	1 44	18 46	16 54	18 4	17 56	9 48			n.a.
M11	17 3	27 6	3 49	23 34	1 51	17 32	0 10	17 34	1 27	19 0	0 55	14 12	2 15	5 28	0 46	14 28	1 44	18 45	16 54	18 7	17 57	9 51			n.a.
T 12	17 21	26 41	3 1	23 30	1 42	17 55	0 7	17 21	1 25	19 0	0 56	14 10	2 15	5 28	0 46	14 29	1 44	18 45	16 55	18 9	17 58	9 54			n.a.
W13	17 38	24 52	2 3	23 24	1 31	18 18	0 5	17 7	1 23	18 59	0 56	14 9	2 15	5 29	0 46	14 29	1 44	18 45	16 55	18 10	17 58	9 57			n.a.
T 14	17 55	21 43	0 58	23 14	1 19	18 40	0 3	16 54	1 21	18 59	0 56	14 8	2 14	5 29	0 46	14 30	1 44	18 45	16 56	18 11	17 59	10 0			n.a.
F 15	18 11	17 23	0n12	23 2	1 5	19 1	0 0	16 40	1 20	18 58	0 56	14 6	2 14	5 29	0 46	14 31	1 44	18 45	16 56	18 11	18 0	10 3			n.a.
S 16	18 27	12 5	1 22	22 47	0 50	19 22	0 s 2	16 26	1 18	18 58	0 57	14 5	2 14	5 29	0 45	14 31	1 44	18 45	16 57	18 11	18 1	10 6			n.a.
S 17	18 43	6 4	2 30	22 28	0 34	19 42	0 4	16 12	1 16	18 58	0 57	14 3	2 14	5 30	0 45	14 32	1 44	18 44	16 57	18 11	18 2	10 9			n.a.
M18	18 58	0n25	3 30	22 6	0 16	20 2	0 7	15 58	1 14	18 57	0 57	14 2	2 14	5 30	0 45	14 33	1 44	18 44	16 58	18 12	18 3	10 12			n.a.
T 19	19 13	7 0	4 18	21 41	0n 3	20 21	0 9	15 44	1 13	18 57	0 57	14 1	2 14	5 30	0 45	14 33	1 44	18 44	16 58	18 13	18 4	10 15			n.a.
W20	19 28	13 18	4 49	21 13	0 23	20 39	0 12	15 30	1 11	18 57	0 58	13 59	2 14	5 30	0 45	14 34	1 44	18 44	16 59	18 16	18 4	10 18			n.a.
T 21	19 43	18 54	5 1	20 43	0 43	20 57	0 14	15 16	1 9	18 57	0 58	13 58	2 14	5 30	0 45	14 35	1 44	18 44	16 59	18 18	18 5	10 21			n.a.
F 22	19 57	23 18	4 52	20 11	1 3	21 15	0 16	15 1	1 7	18 57	0 58	13 57	2 14	5 30	0 45	14 35	1 44	18 44	17 0	18 21	18 6	10 24			n.a.
S 23	20 10	26 6	4 24	19 37	1 23	21 32	0 19	14 47	1 6	18 57	0 59	13 56	2 13	5 30	0 45	14 36	1 44	18 44	17 0	18 24	18 7	10 27			n.a.
S 24	20 24	27 5	3 39	19 2	1 42	21 48	0 21	14 32	1 4	18 57	0 59	13 54	2 13	5 31	0 45	14 37	1 44	18 44	17 1	18 26	18 8	10 30			n.a.
M25	20 36	26 15	2 41	18 27	2 0	22 3	0 23	14 17	1 3	18 57	0 59	13 53	2 13	5 31	0 45	14 37	1 44	18 44	17 1	18 28	18 9	10 33			n.a.
T 26	20 49	23 50	1 36	17 54	2 16	22 18	0 26	14 3	1 1	18 57	0 59	13 52	2 13	5 31	0 45	14 38	1 44	18 44	17 2	18 29	18 10	10 36			n.a.
W27	21 1	20 12	0 27	17 23	2 30	22 32	0 28	13 48	0 59	18 57	1 0	13 51	2 13	5 31	0 45	14 39	1 44	18 44	17 3	18 30	18 10	10 39			n.a.
T 28	21 13	15 43	0 s40	16 55	2 41	22 46	0 30	13 33	0 58	18 57	1 0	13 49	2 13	5 31	0 45	14 39	1 44	18 44	17 3	18 29	18 11	10 42			n.a.
F 29	21 24	10 43	1 44	16 31	2 51	22 59	0 32	13 18	0 56	18 58	1 0	13 48	2 12	5 31	0 45	14 40	1 44	18 44	17 4	18 29	18 12	10 44			n.a.
S 30	21 s35	5n24	2 s42	16 s11	2n58	23 s11	0 s35	13 s 3	0 s55	18n58	1n 1	13n47	2 s12	5 s31	0 s45	14 s41	1n44	18n44	17n 4	18 s29	18 s13	10 s47			n.a.

Julian Day Number = 1720631.5, Delta T = 02h56m09s
Ecliptic obliquity = 23°41'49, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°05'29, Lahiri = - 3°58'28 Julian Calendar 1 Nov. 3 BCE == Greg. Calendar 30 Oct. 003 BCE

The year -02 astronomical counting style corresponds to year 003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 3 BCE
geocentric

DECEMBER 3 BCE (-2) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 29 15	7♐15'30	21♍55	23°R34	14♐19	28♒57	9°R45	12°R51	17♓56	14♏26	22♍10	7°R53	8♒53	16♎16	n.a.	S 1
M 2	4 33 12	8°16'46	3♎46	22♏59	15°34	29°36	9♌44	12♉47	17°56	14°28	22°11	7♒49	8°50	16°23	n.a.	M 2
T 3	4 37 8	9°18'01	15°36	22°34	16°49	0♓16	9°43	12°43	17°56	14°30	22°12	7°43	8°47	16°30	n.a.	T 3
W 4	4 41 5	10°19'17	27°29	22°20	18° 5	0°55	9°42	12°39	17°56	14°32	22°12	7°35	8°44	16°36	n.a.	W 4
T 5	4 45 1	11°20'33	9♏29	22°D15	19°20	1°34	9°40	12°35	17°57	14°34	22°13	7°25	8°40	16°43	n.a.	T 5
F 6	4 48 58	12°21'49	21°37	22°20	20°36	2°13	9°39	12°31	17°57	14°37	22°14	7°14	8°37	16°50	n.a.	F 6
S 7	4 52 54	13°23'05	3♐56	22°33	21°51	2°53	9°37	12°27	17°57	14°39	22°15	7° 3	8°34	16°56	n.a.	S 7
S 8	4 56 51	14°24'21	16°26	22°53	23° 6	3°32	9°35	12°23	17°58	14°41	22°16	6°53	8°31	17° 3	n.a.	S 8
M 9	5 0 48	15°25'37	29° 7	23°21	24°22	4°12	9°33	12°19	17°58	14°43	22°16	6°45	8°28	17°10	n.a.	M 9
T 10	5 4 44	16°26'53	12♑ 0	23°55	25°37	4°51	9°31	12°15	17°59	14°45	22°17	6°40	8°25	17°17	n.a.	T 10
W11	5 8 41	17°28'08	25° 3	24°34	26°52	5°30	9°28	12°12	17°59	14°47	22°17	6°37	8°21	17°23	n.a.	W11
T 12	5 12 37	18°29'22	8♒18	25°19	28° 8	6°10	9°26	12° 8	18° 0	14°49	22°18	6°D36	8°18	17°30	n.a.	T 12
F 13	5 16 34	19°30'36	21°44	26° 8	29°23	6°49	9°23	12° 5	18° 1	14°51	22°19	6°37	8°15	17°37	n.a.	F 13
S 14	5 20 30	20°31'49	5♓23	27° 2	0♑38	7°29	9°20	12° 2	18° 1	14°52	22°19	6°38	8°12	17°43	n.a.	S 14
S 15	5 24 27	21°33'02	19°16	27°59	1°54	8° 9	9°16	11°58	18° 2	14°54	22°20	6°R39	8° 9	17°50	n.a.	S 15
M16	5 28 23	22°34'13	3♈21	28°59	3° 9	8°48	9°13	11°55	18° 3	14°56	22°20	6°38	8° 6	17°57	n.a.	M16
T 17	5 32 20	23°35'24	17°39	0♐ 2	4°24	9°28	9° 9	11°52	18° 4	14°58	22°20	6°36	8° 2	18° 4	n.a.	T 17
W18	5 36 17	24°36'34	2♉ 6	1° 8	5°39	10° 7	9° 6	11°49	18° 5	15° 0	22°21	6°32	7°59	18°10	n.a.	W18
T 19	5 40 13	25°37'43	16°39	2°16	6°55	10°47	9° 2	11°46	18° 6	15° 2	22°21	6°26	7°56	18°17	n.a.	T 19
F 20	5 44 10	26°38'51	1♊12	3°27	8°10	11°27	8°58	11°43	18° 7	15° 4	22°21	6°19	7°53	18°24	n.a.	F 20
S 21	5 48 6	27°39'58	15°38	4°39	9°25	12° 6	8°53	11°41	18° 8	15° 5	22°22	6°13	7°50	18°30	n.a.	S 21
S 22	5 52 3	28°41'05	29°50	5°53	10°40	12°46	8°49	11°38	18° 9	15° 7	22°22	6° 8	7°46	18°37	n.a.	S 22
M23	5 55 59	29°42'11	13♋44	7° 9	11°56	13°26	8°44	11°36	18°10	15° 9	22°22	6° 4	7°43	18°44	n.a.	M23
T 24	5 59 56	0♑43'16	27°16	8°26	13°11	14° 5	8°39	11°33	18°12	15°11	22°22	6° 2	7°40	18°51	n.a.	T 24
W25	6 3 53	1°44'20	10♌25	9°44	14°26	14°45	8°34	11°31	18°13	15°12	22°22	6°D 2	7°37	18°57	n.a.	W25
T 26	6 7 49	2°45'24	23°12	11° 4	15°41	15°25	8°29	11°29	18°14	15°14	22°22	6° 3	7°34	19° 4	n.a.	T 26
F 27	6 11 46	3°46'27	5♍39	12°25	16°56	16° 4	8°24	11°27	18°16	15°16	22°23	6° 4	7°31	19°11	n.a.	F 27
S 28	6 15 42	4°47'29	17°50	13°47	18°11	16°44	8°19	11°25	18°17	15°17	22°R23	6° 6	7°27	19°17	n.a.	S 28
S 29	6 19 39	5°48'31	29°50	15°10	19°26	17°24	8°13	11°23	18°18	15°19	22°22	6° 7	7°24	19°24	n.a.	S 29
M30	6 23 35	6°49'31	11♎43	16°34	20°41	18° 4	8° 7	11°21	18°20	15°21	22°22	6°R 7	7°21	19°31	n.a.	M30
T 31	6 27 32	7♑50'31	23♎35	17♐59	21♑56	18♓43	8♌ 1	11♉20	18♓22	15♏22	22♍22	6♒ 6	7♒18	19♎38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	21s45	0s 1	3s32	15s55	3n 2	23s22	0s37	12s47	0s53	18n59	1n 1	13n46	2s12	5s30	0s45	14s41	1n44	18n45	17n 5	18s30	18s14	10s50			n.a.
M 2	21 55	5 22	4 13	15 44	3 5	23 33	0 39	12 32	0 52	18 59	1 1	13 45	2 12	5 30	0 45	14 42	1 44	18 45	17 5	18 31	18 15	10 53			n.a.
T 3	22 5	10 32	4 42	15 37	3 6	23 43	0 41	12 17	0 50	19 0	1 1	13 44	2 12	5 30	0 45	14 42	1 44	18 45	17 6	18 32	18 15	10 56			n.a.
W 4	22 14	15 20	5 0	15 34	3 5	23 53	0 43	12 1	0 49	19 0	1 2	13 43	2 11	5 30	0 45	14 43	1 44	18 45	17 6	18 34	18 16	10 59			n.a.
T 5	22 23	19 36	5 4	15 35	3 2	24 1	0 45	11 46	0 47	19 1	1 2	13 42	2 11	5 30	0 45	14 44	1 44	18 45	17 7	18 37	18 17	11 2			n.a.
F 6	22 31	23 6	4 55	15 40	2 59	24 9	0 48	11 30	0 46	19 1	1 2	13 41	2 11	5 30	0 45	14 44	1 44	18 45	17 8	18 40	18 18	11 5			n.a.
S 7	22 39	25 37	4 32	15 48	2 54	24 16	0 50	11 15	0 44	19 2	1 2	13 40	2 11	5 30	0 45	14 45	1 44	18 46	17 8	18 43	18 19	11 8			n.a.
S 8	22 46	26 54	3 56	15 59	2 49	24 22	0 52	10 59	0 43	19 3	1 3	13 39	2 11	5 29	0 45	14 45	1 44	18 46	17 9	18 45	18 20	11 11			n.a.
M 9	22 53	26 49	3 7	16 12	2 42	24 28	0 54	10 43	0 41	19 4	1 3	13 38	2 10	5 29	0 45	14 46	1 44	18 46	17 9	18 47	18 21	11 14			n.a.
T 10	23 0	25 17	2 8	16 27	2 35	24 33	0 56	10 27	0 40	19 5	1 3	13 37	2 10	5 29	0 45	14 46	1 44	18 46	17 10	18 48	18 21	11 17			n.a.
W11	23 6	22 22	1 2	16 44	2 28	24 37	0 57	10 11	0 39	19 6	1 4	13 36	2 10	5 29	0 44	14 47	1 44	18 47	17 11	18 49	18 22	11 20			n.a.
T 12	23 12	18 14	0n 9	17 2	2 20	24 40	0 59	9 55	0 37	19 7	1 4	13 35	2 10	5 28	0 44	14 48	1 44	18 47	17 11	18 49	18 23	11 22			n.a.
F 13	23 17	13 8	1 21	17 21	2 12	24 43	1 1	9 39	0 36	19 8	1 4	13 34	2 10	5 28	0 44	14 48	1 44	18 47	17 12	18 49	18 24	11 25			n.a.
S 14	23 21	7 20	2 29	17 42	2 4	24 45	1 3	9 23	0 35	19 9	1 4	13 34	2 9	5 28	0 44	14 49	1 44	18 48	17 12	18 49	18 25	11 28			n.a.
S 15	23 25	1 5	3 30	18 3	1 55	24 46	1 5	9 7	0 33	19 10	1 5	13 33	2 9	5 27	0 44	14 49	1 44	18 48	17 13	18 49	18 26	11 31			n.a.
M16	23 29	5n18	4 19	18 25	1 46	24 46	1 6	8 51	0 32	19 11	1 5	13 32	2 9	5 27	0 44	14 50	1 44	18 48	17 13	18 49	18 26	11 34			n.a.
T 17	23 32	11 29	4 52	18 47	1 38	24 45	1 8	8 35	0 31	19 12	1 5	13 31	2 9	5 27	0 44	14 50	1 44	18 49	17 14	18 49	18 27	11 37			n.a.
W18	23 35	17 8	5 8	19 9	1 29	24 44	1 10	8 18	0 29	19 14	1 5	13 31	2 8	5 26	0 44	14 51	1 44	18 49	17 15	18 50	18 28	11 40			n.a.
T 19	23 37	21 51	5 4	19 32	1 20	24 42	1 11	8 2	0 28	19 15	1 6	13 30	2 8	5 26	0 44	14 51	1 45	18 49	17 15	18 52	18 29	11 43			n.a.
F 20	23 39	25 12	4 41	19 54	1 11	24 39	1 13	7 46	0 27	19 16	1 6	13 29	2 8	5 25	0 44	14 52	1 45	18 50	17 16	18 54	18 30	11 46			n.a.
S 21	23 41	26 53	4 0	20 16	1 3	24 35	1 14	7 29	0 26	19 18	1 6	13 29	2 8	5 25	0 44	14 52	1 45	18 50	17 16	18 55	18 30	11 49			n.a.
S 22	23 41	26 46	3 4	20 38	0 54	24 31	1 15	7 13	0 24	19 19	1 6	13 28	2 7	5 24	0 44	14 53	1 45	18 51	17 17	18 57	18 31	11 51			n.a.
M23	23 42	24 56	1 58	21 0	0 45	24 26	1 17	6 56	0 23	19 20	1 7	13 28	2 7	5 24	0 44	14 53	1 45	18 51	17 18	18 57	18 32	11 54			n.a.
T 24	23 42	21 42	0 48	21 21	0 37	24 20	1 18	6 40	0 22	19 22	1 7	13 27	2 7	5 23	0 44	14 54	1 45	18 52	17 18	18 58	18 33	11 57			n.a.
W25	23 41	17 26	0s24	21 41	0 28	24 13	1 19	6 23	0 21	19 24	1 7	13 27	2 7	5 23	0 44	14 54	1 45	18 52	17 19	18 58	18 34	12 0			n.a.
T 26	23 40	12 29	1 32	22 1	0 20	24 6	1 21	6 7	0 20	19 25	1 7	13 26	2 6	5 22	0 44	14 55	1 45	18 53	17 19	18 58	18 35	12 3			n.a.
F 27	23 39	7 8	2 35	22 20	0 12	23 58	1 22	5 50	0 19	19 27	1 8	13 26	2 6	5 22	0 44	14 55	1 45	18 53	17 20	18 57	18 35	12 6			n.a.
S 28	23 37	1 40	3 29	22 38	0 4	23 49	1 23	5 33	0 17	19 28	1 8	13 26	2 6	5 21	0 44	14 56	1 45	18 54	17 21	18 57	18 36	12 9			n.a.
S 29	23 34	3s47	4 13	22 56	0s 4	23 39	1 24	5 17	0 16	19 30	1 8	13 25	2 5	5 20	0 44	14 56	1 45	18 54	17 21	18 57	18 37	12 11			n.a.
M30	23 31	9 3	4 45	23 12	0 12	23 29	1 25	5 0	0 15	19 32	1 8	13 25	2 5	5 20	0 44	14 56	1 45	18 55	17 22	18 57	18 38	12 14			n.a.
T 31	23s28	13s58	5s 6	23s28	0s19	23s18	1s26	4s43	0s14	19n34	1n 9	13n25	2s 5	5s19	0s44	14s57	1n45	18n55	17n22	18s57	18s39	12s17			n.a.

Julian Day Number = 1720661.5, Delta T = 02h56m08s
Ecliptic obliquity = 23°41'48, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°05'25, Lahiri = - 3°58'24 Julian Calendar 1 Dec. 3 BCE == Greg. Calendar 29 Nov. 003 BCE

The year -02 astronomical counting style corresponds to year 003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2 BCE
geocentric

JANUARY 2 BCE (-1) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 31 28	8♉51'30	5♏29	19♐25	23♉11	19♓23	7°R55	11°R18	18♓23	15♏24	22°R22	6°R 3	7♒15	19♎44	n.a.	W 1
T 2	6 35 25	9°52'29	17°32	20°52	24°26	20° 3	7♌49	11♉17	18°25	15°25	22♍22	6♒ 0	7°12	19°51	n.a.	T 2
F 3	6 39 22	10°53'26	29°45	22°20	25°42	20°43	7°43	11°15	18°27	15°27	22°22	5°56	7° 8	19°58	n.a.	F 3
S 4	6 43 18	11°54'22	12♐12	23°48	26°57	21°22	7°37	11°14	18°28	15°28	22°22	5°51	7° 5	20° 4	n.a.	S 4
S 5	6 47 15	12°55'18	24°54	25°17	28°11	22° 2	7°30	11°13	18°30	15°30	22°21	5°48	7° 2	20°11	n.a.	S 5
M 6	6 51 11	13°56'12	7♉53	26°47	29°26	22°42	7°23	11°12	18°32	15°31	22°21	5°45	6°59	20°18	n.a.	M 6
T 7	6 55 8	14°57'05	21° 7	28°18	0♒41	23°22	7°17	11°11	18°34	15°32	22°21	5°43	6°56	20°25	n.a.	T 7
W 8	6 59 4	15°57'57	4♒35	29°50	1°56	24° 2	7°10	11°10	18°36	15°34	22°20	5°D42	6°52	20°31	n.a.	W 8
T 9	7 3 1	16°58'47	18°16	1♉22	3°11	24°41	7° 3	11°10	18°38	15°35	22°20	5°43	6°49	20°38	n.a.	T 9
F 10	7 6 57	17°59'35	2♓ 7	2°56	4°26	25°21	6°56	11° 9	18°40	15°36	22°19	5°44	6°46	20°45	n.a.	F 10
S 11	7 10 54	19° 0'22	16° 6	4°30	5°41	26° 1	6°49	11° 9	18°42	15°38	22°19	5°45	6°43	20°51	n.a.	S 11
S 12	7 14 51	20° 1'07	0♈12	6° 4	6°56	26°41	6°41	11° 9	18°44	15°39	22°18	5°46	6°40	20°58	n.a.	S 12
M13	7 18 47	21° 1'51	14°21	7°40	8°11	27°20	6°34	11° 8	18°46	15°40	22°18	5°47	6°37	21° 5	n.a.	M13
T 14	7 22 44	22° 2'32	28°32	9°16	9°25	28° 0	6°27	11°D 8	18°48	15°41	22°17	5°R47	6°33	21°12	n.a.	T 14
W15	7 26 40	23° 3'12	12♉44	10°54	10°40	28°40	6°19	11° 8	18°51	15°42	22°17	5°46	6°30	21°18	n.a.	W15
T 16	7 30 37	24° 3'50	26°52	12°32	11°55	29°20	6°12	11° 9	18°53	15°44	22°16	5°45	6°27	21°25	n.a.	T 16
F 17	7 34 33	25° 4'26	10♊56	14°11	13°10	29°59	6° 4	11° 9	18°55	15°45	22°15	5°44	6°24	21°32	n.a.	F 17
S 18	7 38 30	26° 5'01	24°51	15°50	14°24	0♈39	5°56	11° 9	18°57	15°46	22°15	5°42	6°21	21°39	n.a.	S 18
S 19	7 42 27	27° 5'34	8♋35	17°31	15°39	1°19	5°49	11°10	19° 0	15°47	22°14	5°41	6°18	21°45	n.a.	S 19
M20	7 46 23	28° 6'05	22° 5	19°13	16°54	1°59	5°41	11°10	19° 2	15°48	22°13	5°41	6°14	21°52	n.a.	M20
T 21	7 50 20	29° 6'34	5♌19	20°55	18° 8	2°38	5°33	11°11	19° 5	15°49	22°12	5°D40	6°11	21°59	n.a.	T 21
W22	7 54 16	0♒ 7'01	18°17	22°38	19°23	3°18	5°25	11°12	19° 7	15°50	22°11	5°41	6° 8	22° 5	n.a.	W22
T 23	7 58 13	1° 7'27	0♍58	24°23	20°37	3°58	5°18	11°13	19°10	15°50	22°11	5°41	6° 5	22°12	n.a.	T 23
F 24	8 2 9	2° 7'51	13°23	26° 8	21°52	4°38	5°10	11°14	19°12	15°51	22°10	5°41	6° 2	22°19	n.a.	F 24
S 25	8 6 6	3° 8'13	25°34	27°54	23° 6	5°17	5° 2	11°15	19°15	15°52	22° 9	5°42	5°58	22°26	n.a.	S 25
S 26	8 10 2	4° 8'34	7♎36	29°41	24°21	5°57	4°54	11°16	19°17	15°53	22° 8	5°42	5°55	22°32	n.a.	S 26
M27	8 13 59	5° 8'54	19°30	1♒30	25°35	6°37	4°46	11°18	19°20	15°54	22° 7	5°42	5°52	22°39	n.a.	M27
T 28	8 17 55	6° 9'12	1♏23	3°19	26°50	7°16	4°38	11°19	19°23	15°54	22° 6	5°42	5°49	22°46	n.a.	T 28
W29	8 21 52	7° 9'28	13°18	5° 9	28° 4	7°56	4°30	11°21	19°25	15°55	22° 5	5°42	5°46	22°52	n.a.	W29
T 30	8 25 49	8° 9'42	25°20	7° 0	29°18	8°35	4°22	11°23	19°28	15°56	22° 4	5°42	5°43	22°59	n.a.	T 30
F 31	8 29 45	9♒ 9'56	7♐33	8♒52	0♓33	9♈15	4♌15	11♉25	19♓31	15♏57	22♍ 3	5♒42	5♒39	23♎ 6	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23s24	18s24	5s13	23s42	0s26	23s 6	1s26	4s27	0s13	19n35	1n 9	13n25	2s 5	5s19	0s44	14s57	1n45	18n56	17n23	18s58	18s40	12s20			n.a.
T 2	23 19	22 8	5 7	23 56	0 33	22 53	1 27	4 10	0 12	19 37	1 9	13 24	2 4	5 18	0 44	14 58	1 45	18 57	17 23	18 58	18 40	12 23			n.a.
F 3	23 15	24 59	4 47	24 9	0 40	22 40	1 28	3 53	0 11	19 39	1 9	13 24	2 4	5 17	0 44	14 58	1 45	18 57	17 24	19 0	18 41	12 26			n.a.
S 4	23 9	26 40	4 13	24 20	0 47	22 26	1 29	3 36	0 10	19 41	1 9	13 24	2 4	5 16	0 44	14 58	1 45	18 58	17 25	19 1	18 42	12 28			n.a.
S 5	23 4	27 1	3 26	24 30	0 54	22 12	1 29	3 19	0 9	19 43	1 10	13 24	2 3	5 16	0 43	14 59	1 45	18 58	17 25	19 2	18 43	12 31			n.a.
M 6	22 58	25 54	2 27	24 39	1 0	21 57	1 30	3 3	0 8	19 45	1 10	13 24	2 3	5 15	0 43	14 59	1 45	18 59	17 26	19 2	18 44	12 34			n.a.
T 7	22 51	23 20	1 20	24 47	1 6	21 41	1 30	2 46	0 7	19 47	1 10	13 24	2 3	5 14	0 43	14 59	1 45	19 0	17 26	19 3	18 44	12 37			n.a.
W 8	22 44	19 25	0 6	24 53	1 12	21 25	1 30	2 29	0 6	19 49	1 10	13 24	2 3	5 13	0 43	15 0	1 45	19 0	17 27	19 3	18 45	12 40			n.a.
T 9	22 36	14 26	1n 9	24 58	1 17	21 7	1 31	2 12	0 5	19 51	1 10	13 24	2 2	5 12	0 43	15 0	1 45	19 1	17 27	19 3	18 46	12 43			n.a.
F 10	22 28	8 39	2 21	25 2	1 22	20 50	1 31	1 55	0 4	19 53	1 11	13 24	2 2	5 12	0 43	15 1	1 45	19 2	17 28	19 3	18 47	12 45			n.a.
S 11	22 20	2 24	3 25	25 4	1 27	20 31	1 31	1 38	0 3	19 55	1 11	13 24	2 2	5 11	0 43	15 1	1 45	19 2	17 29	19 2	18 48	12 48			n.a.
S 12	22 11	4n 0	4 17	25 5	1 32	20 13	1 31	1 21	0 2	19 57	1 11	13 25	2 1	5 10	0 43	15 1	1 46	19 3	17 29	19 2	18 48	12 51			n.a.
M13	22 2	10 14	4 54	25 5	1 36	19 53	1 31	1 5	0 1	19 59	1 11	13 25	2 1	5 9	0 43	15 1	1 46	19 4	17 30	19 2	18 49	12 54			n.a.
T 14	21 52	15 56	5 14	25 2	1 41	19 33	1 31	0 48	0n 0	20 1	1 11	13 25	2 1	5 8	0 43	15 2	1 46	19 5	17 30	19 2	18 50	12 57			n.a.
W15	21 42	20 48	5 14	24 59	1 44	19 13	1 31	0 31	0 1	20 3	1 12	13 25	2 1	5 7	0 43	15 2	1 46	19 5	17 31	19 2	18 51	12 59			n.a.
T 16	21 32	24 27	4 55	24 53	1 48	18 51	1 31	0 14	0 2	20 5	1 12	13 26	2 0	5 6	0 43	15 2	1 46	19 6	17 31	19 2	18 52	13 2			n.a.
F 17	21 21	26 35	4 19	24 46	1 51	18 30	1 31	0n 3	0 3	20 7	1 12	13 26	2 0	5 5	0 43	15 3	1 46	19 7	17 32	19 3	18 52	13 5			n.a.
S 18	21 10	27 3	3 27	24 38	1 54	18 8	1 31	0 20	0 4	20 9	1 12	13 26	2 0	5 4	0 43	15 3	1 46	19 8	17 32	19 3	18 53	13 8			n.a.
S 19	20 58	25 49	2 24	24 27	1 56	17 45	1 30	0 36	0 5	20 11	1 12	13 27	1 59	5 3	0 43	15 3	1 46	19 8	17 33	19 3	18 54	13 10			n.a.
M20	20 46	23 5	1 15	24 15	1 58	17 22	1 30	0 53	0 6	20 13	1 12	13 27	1 59	5 2	0 43	15 3	1 46	19 9	17 33	19 3	18 55	13 13			n.a.
T 21	20 33	19 10	0 2	24 2	2 0	16 58	1 29	1 10	0 7	20 15	1 12	13 28	1 59	5 1	0 43	15 4	1 46	19 10	17 34	19 3	18 56	13 16			n.a.
W22	20 21	14 25	1s 9	23 46	2 1	16 34	1 29	1 27	0 8	20 17	1 13	13 28	1 59	5 0	0 43	15 4	1 46	19 11	17 34	19 3	18 56	13 19			n.a.
T 23	20 7	9 8	2 16	23 29	2 2	16 10	1 28	1 43	0 9	20 19	1 13	13 29	1 58	4 59	0 43	15 4	1 46	19 11	17 35	19 3	18 57	13 21			n.a.
F 24	19 54	3 37	3 14	23 10	2 3	15 45	1 27	2 0	0 9	20 21	1 13	13 30	1 58	4 58	0 43	15 4	1 46	19 12	17 35	19 3	18 58	13 24			n.a.
S 25	19 40	1s56	4 3	22 49	2 3	15 19	1 27	2 17	0 10	20 23	1 13	13 30	1 58	4 57	0 43	15 4	1 46	19 13	17 36	19 3	18 59	13 27			n.a.
S 26	19 26	7 19	4 40	22 26	2 2	14 54	1 26	2 33	0 11	20 26	1 13	13 31	1 57	4 56	0 43	15 5	1 46	19 14	17 36	19 3	19 0	13 30			n.a.
M27	19 11	12 24	5 5	22 1	2 2	14 27	1 25	2 50	0 12	20 28	1 13	13 32	1 57	4 55	0 43	15 5	1 46	19 15	17 37	19 3	19 0	13 32			n.a.
T 28	18 56	17 0	5 16	21 34	2 0	14 1	1 24	3 7	0 13	20 30	1 13	13 32	1 57	4 54	0 43	15 5	1 46	19 15	17 37	19 3	19 1	13 35			n.a.
W29	18 41	20 59	5 14	21 6	1 58	13 34	1 23	3 23	0 14	20 32	1 13	13 33	1 57	4 53	0 43	15 5	1 46	19 16	17 37	19 3	19 2	13 38			n.a.
T 30	18 25	24 8	4 59	20 35	1 56	13 7	1 22	3 40	0 14	20 34	1 13	13 34	1 56	4 52	0 43	15 5	1 46	19 17	17 38	19 3	19 3	13 41			n.a.
F 31	18s 9	26s14	4s30	20s 3	1s53	12s39	1s21	3n56	0n15	20n36	1n14	13n35	1s56	4s51	0s43	15s 5	1n47	19n18	17n38	19s 3	19s 4	13s43			n.a.

Julian Day Number = 1720692.5, Delta T = 02h56m07s
Ecliptic obliquity = 23°41'48, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°05'21, Lahiri = - 3°58'20 Julian Calendar 1 Jan. 2 BCE == Greg. Calendar 30 Dec. 003 BCE

The year -01 astronomical counting style corresponds to year 002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2 BCE
geocentric

FEBRUARY 2 BCE (-1) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 33 42	10♒10'07	20♐ 3	10♒45	1♓47	9♈55	4°R 7	11♉27	19♓34	15♏57	22°R 2	5♒43	5♒36	23♎13	n.a.	S 1
S 2	8 37 38	11°10'17	2♑51	12°38	3° 1	10°34	3♌59	11°29	19°37	15°58	22♍ 0	5°43	5°33	23°19	n.a.	S 2
M 3	8 41 35	12°10'25	15°59	14°33	4°15	11°14	3°51	11°31	19°39	15°58	21°59	5°44	5°30	23°26	n.a.	M 3
T 4	8 45 31	13°10'31	29°30	16°28	5°29	11°53	3°43	11°33	19°42	15°59	21°58	5°R44	5°27	23°33	n.a.	T 4
W 5	8 49 28	14°10'35	13♒20	18°24	6°44	12°33	3°36	11°36	19°45	15°59	21°57	5°44	5°24	23°40	n.a.	W 5
T 6	8 53 24	15°10'38	27°28	20°20	7°58	13°13	3°28	11°38	19°48	16° 0	21°56	5°44	5°20	23°46	n.a.	T 6
F 7	8 57 21	16°10'38	11♓48	22°17	9°12	13°52	3°21	11°41	19°51	16° 0	21°54	5°43	5°17	23°53	n.a.	F 7
S 8	9 1 18	17°10'35	26°16	24°14	10°26	14°32	3°13	11°43	19°54	16° 0	21°53	5°41	5°14	24° 0	n.a.	S 8
S 9	9 5 14	18°10'31	10♈47	26°11	11°40	15°11	3° 6	11°46	19°57	16° 1	21°52	5°40	5°11	24° 6	n.a.	S 9
M10	9 9 11	19°10'25	25°13	28° 8	12°54	15°51	2°58	11°49	20° 0	16° 1	21°50	5°39	5° 8	24°13	n.a.	M10
T 11	9 13 7	20°10'16	9♉33	0♓ 4	14° 8	16°30	2°51	11°52	20° 3	16° 1	21°49	5°38	5° 4	24°20	n.a.	T 11
W12	9 17 4	21°10'04	23°42	1°59	15°22	17°10	2°44	11°55	20° 6	16° 2	21°48	5°D37	5° 1	24°27	n.a.	W12
T 13	9 21 0	22° 9'51	7♊38	3°53	16°35	17°49	2°37	11°58	20°10	16° 2	21°46	5°38	4°58	24°33	n.a.	T 13
F 14	9 24 57	23° 9'35	21°22	5°46	17°49	18°29	2°30	12° 2	20°13	16° 2	21°45	5°39	4°55	24°40	n.a.	F 14
S 15	9 28 53	24° 9'17	4♋52	7°37	19° 3	19° 8	2°23	12° 5	20°16	16° 2	21°44	5°40	4°52	24°47	n.a.	S 15
S 16	9 32 50	25° 8'56	18° 9	9°25	20°17	19°47	2°16	12° 9	20°19	16° 2	21°42	5°42	4°49	24°53	n.a.	S 16
M17	9 36 47	26° 8'33	1♌13	11°11	21°30	20°27	2° 9	12°12	20°22	16° 2	21°41	5°R42	4°45	25° 0	n.a.	M17
T 18	9 40 43	27° 8'08	14° 5	12°53	22°44	21° 6	2° 3	12°16	20°25	16°R 2	21°39	5°42	4°42	25° 7	n.a.	T 18
W19	9 44 40	28° 7'41	26°44	14°32	23°57	21°45	1°56	12°20	20°29	16° 2	21°38	5°41	4°39	25°14	n.a.	W19
T 20	9 48 36	29° 7'11	9♍12	16° 6	25°11	22°25	1°50	12°24	20°32	16° 2	21°36	5°38	4°36	25°20	n.a.	T 20
F 21	9 52 33	0♓ 6'40	21°29	17°36	26°24	23° 4	1°44	12°28	20°35	16° 2	21°35	5°35	4°33	25°27	n.a.	F 21
S 22	9 56 29	1° 6'06	3♎36	19° 1	27°38	23°43	1°38	12°32	20°38	16° 2	21°33	5°31	4°30	25°34	n.a.	S 22
S 23	10 0 26	2° 5'30	15°36	20°20	28°51	24°23	1°32	12°36	20°42	16° 2	21°32	5°26	4°26	25°41	n.a.	S 23
M24	10 4 22	3° 4'52	27°30	21°33	0♈ 4	25° 2	1°26	12°40	20°45	16° 2	21°30	5°22	4°23	25°47	n.a.	M24
T 25	10 8 19	4° 4'13	9♏22	22°40	1°18	25°41	1°20	12°45	20°48	16° 2	21°28	5°18	4°20	25°54	n.a.	T 25
W26	10 12 16	5° 3'32	21°17	23°40	2°31	26°20	1°15	12°49	20°52	16° 1	21°27	5°16	4°17	26° 1	n.a.	W26
T 27	10 16 12	6° 2'48	3♐17	24°34	3°44	27° 0	1° 9	12°54	20°55	16° 1	21°25	5°D15	4°14	26° 7	n.a.	T 27
F 28	10 20 9	7♓ 2'03	15♐28	25♓20	4♈57	27♈39	1♌ 4	12♉58	20♓58	16♏ 1	21♍24	5♒15	4♒10	26♎14	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s53	27s 6	3s47	19s29	1s50	12s11	1s19	4n13	0n16	20n38	1n14	13n36	1s56	4s50	0s43	15s 5	1n47	19n19	17n39	19s 3	19s 4	13s46		n.a.
S 2	17 37	26 32	2 52	18 53	1 46	11 43	1 18	4 29	0 17	20 39	1 14	13 37	1 55	4 49	0 43	15 6	1 47	19 20	17 39	19 3	19 5	13 49		n.a.
M 3	17 20	24 30	1 47	18 15	1 41	11 14	1 17	4 45	0 17	20 41	1 14	13 38	1 55	4 47	0 43	15 6	1 47	19 20	17 40	19 2	19 6	13 52		n.a.
T 4	17 3	21 2	0 35	17 35	1 36	10 46	1 15	5 2	0 18	20 43	1 14	13 39	1 55	4 46	0 43	15 6	1 47	19 21	17 40	19 2	19 7	13 54		n.a.
W 5	16 45	16 20	0n42	16 54	1 30	10 16	1 14	5 18	0 19	20 45	1 14	13 40	1 55	4 45	0 43	15 6	1 47	19 22	17 40	19 2	19 7	13 57		n.a.
T 6	16 27	10 39	1 57	16 11	1 23	9 47	1 12	5 34	0 20	20 47	1 14	13 41	1 54	4 44	0 43	15 6	1 47	19 23	17 41	19 2	19 8	14 0		n.a.
F 7	16 9	4 20	3 7	15 26	1 16	9 18	1 10	5 50	0 20	20 49	1 14	13 42	1 54	4 43	0 42	15 6	1 47	19 24	17 41	19 3	19 9	14 2		n.a.
S 8	15 51	2n14	4 4	14 40	1 9	8 48	1 9	6 7	0 21	20 51	1 14	13 43	1 54	4 41	0 42	15 6	1 47	19 25	17 42	19 3	19 10	14 5		n.a.
S 9	15 33	8 42	4 47	13 52	1 0	8 18	1 7	6 23	0 22	20 52	1 14	13 44	1 53	4 40	0 42	15 6	1 47	19 25	17 42	19 3	19 11	14 8		n.a.
M10	15 14	14 40	5 11	13 3	0 51	7 47	1 5	6 39	0 23	20 54	1 14	13 45	1 53	4 39	0 42	15 6	1 47	19 26	17 42	19 4	19 11	14 10		n.a.
T 11	14 55	19 48	5 15	12 13	0 42	7 17	1 3	6 55	0 23	20 56	1 14	13 46	1 53	4 38	0 42	15 6	1 47	19 27	17 43	19 4	19 12	14 13		n.a.
W12	14 36	23 44	5 0	11 22	0 32	6 46	1 1	7 11	0 24	20 58	1 14	13 47	1 53	4 36	0 42	15 6	1 47	19 28	17 43	19 4	19 13	14 16		n.a.
T 13	14 16	26 13	4 28	10 31	0 21	6 16	0 59	7 27	0 25	20 59	1 14	13 49	1 52	4 35	0 42	15 6	1 47	19 29	17 43	19 4	19 14	14 19		n.a.
F 14	13 57	27 5	3 41	9 39	0 10	5 45	0 57	7 42	0 25	21 1	1 14	13 50	1 52	4 34	0 42	15 6	1 47	19 30	17 44	19 4	19 14	14 21		n.a.
S 15	13 37	26 18	2 42	8 46	0n 2	5 13	0 55	7 58	0 26	21 3	1 14	13 51	1 52	4 33	0 42	15 6	1 47	19 31	17 44	19 3	19 15	14 24		n.a.
S 16	13 17	24 2	1 35	7 54	0 14	4 42	0 53	8 14	0 27	21 4	1 14	13 53	1 52	4 31	0 42	15 6	1 47	19 31	17 44	19 3	19 16	14 27		n.a.
M17	12 56	20 30	0 25	7 2	0 27	4 11	0 51	8 30	0 27	21 6	1 14	13 54	1 51	4 30	0 42	15 6	1 47	19 32	17 44	19 3	19 17	14 29		n.a.
T 18	12 36	16 3	0s46	6 11	0 40	3 40	0 49	8 45	0 28	21 7	1 14	13 55	1 51	4 29	0 42	15 6	1 48	19 33	17 45	19 3	19 18	14 32		n.a.
W19	12 15	10 58	1 53	5 21	0 53	3 8	0 46	9 1	0 29	21 9	1 14	13 57	1 51	4 28	0 42	15 6	1 48	19 34	17 45	19 3	19 18	14 34		n.a.
T 20	11 54	5 31	2 54	4 32	1 6	2 36	0 44	9 16	0 29	21 10	1 14	13 58	1 50	4 26	0 42	15 6	1 48	19 35	17 45	19 4	19 19	14 37		n.a.
F 21	11 33	0s 2	3 45	3 44	1 19	2 5	0 42	9 31	0 30	21 11	1 14	14 0	1 50	4 25	0 42	15 6	1 48	19 36	17 45	19 5	19 20	14 40		n.a.
S 22	11 12	5 30	4 26	2 59	1 32	1 33	0 39	9 47	0 31	21 13	1 14	14 1	1 50	4 24	0 42	15 6	1 48	19 36	17 46	19 6	19 21	14 42		n.a.
S 23	10 51	10 43	4 54	2 16	1 45	1 1	0 37	10 2	0 31	21 14	1 14	14 3	1 50	4 22	0 42	15 6	1 48	19 37	17 46	19 7	19 21	14 45		n.a.
M24	10 29	15 30	5 10	1 35	1 58	0 30	0 34	10 17	0 32	21 15	1 14	14 4	1 49	4 21	0 42	15 6	1 48	19 38	17 46	19 8	19 22	14 48		n.a.
T 25	10 7	19 41	5 12	0 57	2 10	0n 2	0 32	10 32	0 32	21 17	1 14	14 6	1 49	4 20	0 42	15 5	1 48	19 39	17 46	19 9	19 23	14 50		n.a.
W26	9 45	23 6	5 1	0 23	2 22	0 34	0 29	10 47	0 33	21 18	1 14	14 7	1 49	4 18	0 42	15 5	1 48	19 40	17 47	19 9	19 24	14 53		n.a.
T 27	9 23	25 33	4 36	0n 9	2 33	1 6	0 26	11 2	0 34	21 19	1 14	14 9	1 49	4 17	0 42	15 5	1 48	19 41	17 47	19 10	19 24	14 56		n.a.
F 28	9s 1	26s51	3s59	0n37	2n43	1n38	0s24	11n17	0n34	21n20	1n14	14n11	1s48	4s16	0s42	15s 5	1n48	19n41	17n47	19s10	19s25	14s58		n.a.

Julian Day Number = 1720723.5, Delta T = 02h56m06s
Ecliptic obliquity = 23°41'48, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°05'16, Lahiri = - 3°58'16 Julian Calendar 1 Feb. 2 BCE == Greg. Calendar 30 Jan. 002 BCE

The year -01 astronomical counting style corresponds to year 002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2 BCE
geocentric

MARCH 2 BCE (-1) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 24 5	8♓ 1'16	27♐54	26♓ 0	6♈10	28♈18	0°R59	13♉ 3	21♓ 2	16°R 0	21°R22	5♒16	4♒ 7	26♎21	n.a.	S 1
S 2	10 28 2	9° 0'28	10♑41	26°32	7°23	28°57	0♌54	13° 8	21° 5	16♏ 0	21♍20	5°18	4° 4	26°28	n.a.	S 2
M 3	10 31 58	9°59'37	23°51	26°57	8°36	29°36	0°49	13°13	21° 8	16° 0	21°19	5°20	4° 1	26°34	n.a.	M 3
T 4	10 35 55	10°58'44	7♒27	27°14	9°49	0♉16	0°44	13°17	21°12	15°59	21°17	5°R20	3°58	26°41	n.a.	T 4
W 5	10 39 51	11°57'50	21°28	27°24	11° 2	0°55	0°40	13°22	21°15	15°59	21°15	5°19	3°55	26°48	n.a.	W 5
T 6	10 43 48	12°56'53	5♓54	27°R28	12°15	1°34	0°36	13°28	21°19	15°58	21°14	5°16	3°51	26°54	n.a.	T 6
F 7	10 47 44	13°55'54	20°38	27°24	13°27	2°13	0°31	13°33	21°22	15°58	21°12	5°12	3°48	27° 1	n.a.	F 7
S 8	10 51 41	14°54'53	5♈33	27°13	14°40	2°52	0°27	13°38	21°25	15°57	21°10	5° 6	3°45	27° 8	n.a.	S 8
S 9	10 55 38	15°53'50	20°30	26°56	15°53	3°31	0°24	13°43	21°29	15°57	21° 9	5° 0	3°42	27°15	n.a.	S 9
M10	10 59 34	16°52'44	5♉21	26°34	17° 5	4°10	0°20	13°49	21°32	15°56	21° 7	4°54	3°39	27°21	n.a.	M10
T 11	11 3 31	17°51'37	19°58	26° 6	18°18	4°49	0°17	13°54	21°36	15°55	21° 5	4°49	3°35	27°28	n.a.	T 11
W12	11 7 27	18°50'27	4♊17	25°33	19°30	5°28	0°13	14° 0	21°39	15°55	21° 4	4°47	3°32	27°35	n.a.	W12
T 13	11 11 24	19°49'14	18°14	24°56	20°43	6° 7	0°10	14° 5	21°42	15°54	21° 2	4°D46	3°29	27°42	n.a.	T 13
F 14	11 15 20	20°47'59	1♋51	24°16	21°55	6°46	0° 7	14°11	21°46	15°53	21° 0	4°46	3°26	27°48	n.a.	F 14
S 15	11 19 17	21°46'42	15° 7	23°33	23° 7	7°25	0° 5	14°17	21°49	15°53	20°59	4°47	3°23	27°55	n.a.	S 15
S 16	11 23 13	22°45'23	28° 7	22°49	24°19	8° 4	0° 2	14°23	21°53	15°52	20°57	4°48	3°20	28° 2	n.a.	S 16
M17	11 27 10	23°44'01	10♌52	22° 4	25°32	8°43	29♋59	14°29	21°56	15°51	20°55	4°R48	3°16	28° 8	n.a.	M17
T 18	11 31 7	24°42'37	23°24	21°20	26°44	9°22	29°57	14°35	22° 0	15°50	20°54	4°47	3°13	28°15	n.a.	T 18
W19	11 35 3	25°41'10	5♍46	20°36	27°56	10° 1	29°55	14°41	22° 3	15°49	20°52	4°43	3°10	28°22	n.a.	W19
T 20	11 39 0	26°39'42	18° 0	19°54	29° 7	10°40	29°54	14°47	22° 6	15°48	20°50	4°36	3° 7	28°29	n.a.	T 20
F 21	11 42 56	27°38'11	0♎ 6	19°14	0♉19	11°18	29°52	14°53	22°10	15°47	20°49	4°28	3° 4	28°35	n.a.	F 21
S 22	11 46 53	28°36'39	12° 7	18°37	1°31	11°57	29°51	14°59	22°13	15°47	20°47	4°18	3° 1	28°42	n.a.	S 22
S 23	11 50 49	29°35'04	24° 3	18° 4	2°43	12°36	29°49	15° 5	22°17	15°46	20°45	4° 7	2°57	28°49	n.a.	S 23
M24	11 54 46	0♈33'28	5♏56	17°35	3°54	13°15	29°48	15°12	22°20	15°45	20°44	3°57	2°54	28°55	n.a.	M24
T 25	11 58 42	1°31'50	17°48	17°10	5° 6	13°54	29°47	15°18	22°23	15°44	20°42	3°48	2°51	29° 2	n.a.	T 25
W26	12 2 39	2°30'11	29°42	16°50	6°17	14°32	29°47	15°24	22°27	15°42	20°40	3°41	2°48	29° 9	n.a.	W26
T 27	12 6 36	3°28'29	11♐41	16°35	7°29	15°11	29°46	15°31	22°30	15°41	20°39	3°36	2°45	29°16	n.a.	T 27
F 28	12 10 32	4°26'46	23°50	16°24	8°40	15°50	29°46	15°38	22°34	15°40	20°37	3°33	2°41	29°22	n.a.	F 28
S 29	12 14 29	5°25'02	6♑13	16°19	9°51	16°29	29°D45	15°44	22°37	15°39	20°35	3°D33	2°38	29°29	n.a.	S 29
S 30	12 18 25	6°23'16	18°55	16°D18	11° 3	17° 7	29°46	15°51	22°40	15°38	20°34	3°33	2°35	29°36	n.a.	S 30
M31	12 22 22	7♈21'28	2♒ 0	16♓23	12♉14	17♉46	29♋46	15♉58	22♓44	15♏37	20♍32	3°R34	2♒32	29♎43	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8s39	26s51	3s10	1n 2	2n53	2n 9	0s21	11n31	0n35	21n21	1n14	14n12	1s48	4s14	0s42	15s 5	1n48	19n42	17n47	19s 9	19s26	15s 1		n.a.
S 2	8 17	25 26	2 10	1 23	3 2	2 41	0 18	11 46	0 35	21 22	1 14	14 14	1 48	4 13	0 42	15 5	1 48	19 43	17 47	19 9	19 27	15 3		n.a.
M 3	7 54	22 35	1 2	1 40	3 9	3 13	0 15	12 1	0 36	21 23	1 14	14 16	1 48	4 12	0 42	15 5	1 48	19 44	17 47	19 8	19 28	15 6		n.a.
T 4	7 32	18 25	0n12	1 53	3 16	3 44	0 12	12 15	0 36	21 24	1 13	14 17	1 48	4 10	0 42	15 4	1 48	19 44	17 47	19 8	19 28	15 9		n.a.
W 5	7 9	13 8	1 27	2 2	3 21	4 16	0 10	12 29	0 37	21 25	1 13	14 19	1 47	4 9	0 42	15 4	1 48	19 45	17 48	19 9	19 29	15 11		n.a.
T 6	6 46	7 0	2 38	2 7	3 25	4 47	0 7	12 44	0 38	21 26	1 13	14 21	1 47	4 8	0 42	15 4	1 48	19 46	17 48	19 9	19 30	15 14		n.a.
F 7	6 23	0 22	3 41	2 7	3 28	5 19	0 4	12 58	0 38	21 27	1 13	14 23	1 47	4 6	0 42	15 4	1 48	19 47	17 48	19 10	19 31	15 16		n.a.
S 8	6 0	6n20	4 29	2 4	3 29	5 50	0 1	13 12	0 39	21 28	1 13	14 24	1 47	4 5	0 42	15 4	1 48	19 48	17 48	19 12	19 31	15 19		n.a.
S 9	5 37	12 42	4 59	1 57	3 28	6 21	0n 2	13 26	0 39	21 28	1 13	14 26	1 46	4 3	0 42	15 3	1 49	19 48	17 48	19 13	19 32	15 21		n.a.
M10	5 14	18 17	5 9	1 46	3 26	6 52	0 5	13 40	0 40	21 29	1 13	14 28	1 46	4 2	0 42	15 3	1 49	19 49	17 48	19 15	19 33	15 24		n.a.
T 11	4 51	22 42	4 59	1 31	3 22	7 22	0 8	13 54	0 40	21 30	1 13	14 30	1 46	4 1	0 42	15 3	1 49	19 50	17 48	19 16	19 34	15 27		n.a.
W12	4 28	25 38	4 29	1 13	3 17	7 53	0 11	14 7	0 41	21 30	1 13	14 32	1 46	3 59	0 42	15 3	1 49	19 50	17 48	19 17	19 34	15 29		n.a.
T 13	4 4	26 54	3 45	0 52	3 10	8 23	0 14	14 21	0 41	21 31	1 13	14 34	1 45	3 58	0 42	15 2	1 49	19 51	17 48	19 17	19 35	15 32		n.a.
F 14	3 41	26 29	2 48	0 28	3 2	8 54	0 17	14 34	0 42	21 31	1 13	14 36	1 45	3 57	0 42	15 2	1 49	19 52	17 48	19 17	19 36	15 34		n.a.
S 15	3 18	24 33	1 44	0 2	2 52	9 24	0 20	14 48	0 42	21 32	1 13	14 37	1 45	3 55	0 42	15 2	1 49	19 53	17 48	19 16	19 37	15 37		n.a.
S 16	2 54	21 21	0 36	0s26	2 40	9 53	0 23	15 1	0 43	21 32	1 12	14 39	1 45	3 54	0 42	15 2	1 49	19 53	17 48	19 16	19 37	15 39		n.a.
M17	2 31	17 10	0s33	0 55	2 28	10 23	0 27	15 14	0 43	21 33	1 12	14 41	1 45	3 52	0 42	15 1	1 49	19 54	17 48	19 16	19 38	15 42		n.a.
T 18	2 7	12 19	1 38	1 25	2 14	10 52	0 30	15 27	0 44	21 33	1 12	14 43	1 44	3 51	0 42	15 1	1 49	19 55	17 48	19 17	19 39	15 44		n.a.
W19	1 44	7 2	2 38	1 56	2 0	11 21	0 33	15 40	0 44	21 34	1 12	14 45	1 44	3 50	0 42	15 1	1 49	19 55	17 48	19 18	19 40	15 47		n.a.
T 20	1 20	1 34	3 30	2 27	1 44	11 50	0 36	15 53	0 44	21 34	1 12	14 47	1 44	3 48	0 42	15 1	1 49	19 56	17 48	19 19	19 40	15 50		n.a.
F 21	0 57	3s53	4 12	2 57	1 29	12 19	0 39	16 6	0 45	21 34	1 12	14 49	1 44	3 47	0 42	15 0	1 49	19 56	17 48	19 21	19 41	15 52		n.a.
S 22	0 34	9 10	4 42	3 26	1 13	12 47	0 42	16 18	0 45	21 34	1 12	14 51	1 44	3 46	0 42	15 0	1 49	19 57	17 48	19 24	19 42	15 55		n.a.
S 23	0 10	14 3	5 0	3 54	0 56	13 15	0 45	16 31	0 46	21 34	1 12	14 53	1 43	3 44	0 42	15 0	1 49	19 58	17 48	19 26	19 42	15 57		n.a.
M24	0n13	18 25	5 4	4 21	0 40	13 43	0 48	16 43	0 46	21 35	1 12	14 55	1 43	3 43	0 42	14 59	1 49	19 58	17 48	19 29	19 43	16 0		n.a.
T 25	0 37	22 2	4 56	4 46	0 23	14 10	0 51	16 55	0 47	21 35	1 11	14 57	1 43	3 42	0 42	14 59	1 49	19 59	17 48	19 31	19 44	16 2		n.a.
W26	1 0	24 45	4 34	5 8	0 7	14 37	0 54	17 7	0 47	21 35	1 11	14 59	1 43	3 40	0 42	14 59	1 49	19 59	17 48	19 32	19 45	16 5		n.a.
T 27	1 24	26 24	4 0	5 29	0s 8	15 4	0 57	17 19	0 48	21 35	1 11	15 2	1 43	3 39	0 42	14 58	1 49	20 0	17 48	19 33	19 45	16 7		n.a.
F 28	1 47	26 48	3 15	5 47	0 24	15 30	1 1	17 31	0 48	21 35	1 11	15 4	1 43	3 38	0 42	14 58	1 49	20 1	17 47	19 34	19 46	16 10		n.a.
S 29	2 10	25 53	2 20	6 3	0 38	15 56	1 4	17 43	0 48	21 34	1 11	15 6	1 42	3 36	0 42	14 58	1 49	20 1	17 47	19 34	19 47	16 12		n.a.
S 30	2 34	23 37	1 17	6 16	0 52	16 21	1 7	17 54	0 49	21 34	1 11	15 8	1 42	3 35	0 42	14 57	1 49	20 2	17 47	19 34	19 48	16 15		n.a.
M31	2n57	20s 4	0s 8	6s27	1s 6	16n46	1n10	18n 6	0n49	21n34	1n11	15n10	1s42	3s33	0s42	14s57	1n49	20n 2	17n47	19s34	19s48	16s17		n.a.

Julian Day Number = 1720751.5, Delta T = 02h56m05s
Ecliptic obliquity = 23°41'48, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°05'13, Lahiri = - 3°58'12 Julian Calendar 1 March 2 BCE == Greg. Calendar 27 Feb. 002 BCE

The year -01 astronomical counting style corresponds to year 002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2 BCE
geocentric

APRIL 2 BCE (-1) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 26 18	8♈19'38	15♒33	16♓32	13♉25	18♉25	29♋46	16♉ 4	22♓47	15°R36	20°R31	3°R33	2♒29	29♎49	n.a.	T 1
W 2	12 30 15	9°17'47	29°34	16°46	14°36	19° 3	29°47	16°11	22°50	15♏34	20♍29	3♒31	2°26	29°56	n.a.	W 2
T 3	12 34 11	10°15'55	14♓ 3	17° 4	15°47	19°42	29°47	16°18	22°54	15°33	20°27	3°26	2°22	0♏ 3	n.a.	T 3
F 4	12 38 8	11°14'00	28°57	17°27	16°57	20°21	29°48	16°25	22°57	15°32	20°26	3°18	2°19	0° 9	n.a.	F 4
S 5	12 42 4	12°12'05	14♈ 6	17°55	18° 8	20°59	29°50	16°32	23° 0	15°31	20°24	3° 9	2°16	0°16	n.a.	S 5
S 6	12 46 1	13°10'07	29°22	18°26	19°19	21°38	29°51	16°39	23° 4	15°29	20°23	2°59	2°13	0°23	n.a.	S 6
M 7	12 49 58	14° 8'08	14♉33	19° 2	20°29	22°16	29°52	16°46	23° 7	15°28	20°21	2°49	2°10	0°30	n.a.	M 7
T 8	12 53 54	15° 6'06	29°28	19°42	21°40	22°55	29°54	16°53	23°10	15°27	20°20	2°41	2° 7	0°36	n.a.	T 8
W 9	12 57 51	16° 4'03	14♊ 1	20°25	22°50	23°33	29°56	17° 0	23°13	15°25	20°18	2°35	2° 3	0°43	n.a.	W 9
T 10	13 1 47	17° 1'58	28° 8	21°12	24° 0	24°12	29°58	17° 7	23°17	15°24	20°17	2°32	2° 0	0°50	n.a.	T 10
F 11	13 5 44	17°59'52	11♋48	22° 2	25°10	24°51	0♌ 0	17°14	23°20	15°23	20°15	2°31	1°57	0°57	n.a.	F 11
S 12	13 9 40	18°57'43	25° 3	22°55	26°20	25°29	0° 2	17°22	23°23	15°21	20°14	2°31	1°54	1° 3	n.a.	S 12
S 13	13 13 37	19°55'32	7♌56	23°52	27°30	26° 8	0° 5	17°29	23°26	15°20	20°13	2°31	1°51	1°10	n.a.	S 13
M14	13 17 33	20°53'20	20°31	24°52	28°40	26°46	0° 8	17°36	23°29	15°19	20°11	2°30	1°47	1°17	n.a.	M14
T 15	13 21 30	21°51'05	2♍52	25°55	29°50	27°24	0°11	17°44	23°32	15°17	20°10	2°26	1°44	1°23	n.a.	T 15
W16	13 25 27	22°48'49	15° 2	27° 0	1♊ 0	28° 3	0°14	17°51	23°35	15°16	20° 8	2°20	1°41	1°30	n.a.	W16
T 17	13 29 23	23°46'31	27° 5	28° 9	2° 9	28°41	0°17	17°58	23°39	15°14	20° 7	2°12	1°38	1°37	n.a.	T 17
F 18	13 33 20	24°44'12	9♎ 3	29°20	3°19	29°20	0°20	18° 6	23°42	15°13	20° 6	2° 0	1°35	1°44	n.a.	F 18
S 19	13 37 16	25°41'51	20°58	0♈34	4°28	29°58	0°24	18°13	23°45	15°11	20° 5	1°47	1°32	1°50	n.a.	S 19
S 20	13 41 13	26°39'29	2♏51	1°50	5°37	0♊37	0°28	18°21	23°48	15°10	20° 3	1°33	1°28	1°57	n.a.	S 20
M21	13 45 9	27°37'05	14°44	3° 9	6°46	1°15	0°32	18°28	23°51	15° 8	20° 2	1°20	1°25	2° 4	n.a.	M21
T 22	13 49 6	28°34'41	26°38	4°31	7°55	1°53	0°36	18°36	23°54	15° 7	20° 1	1° 8	1°22	2°10	n.a.	T 22
W23	13 53 2	29°32'15	8♐35	5°55	9° 4	2°32	0°40	18°43	23°57	15° 5	20° 0	0°58	1°19	2°17	n.a.	W23
T 24	13 56 59	0♉29'48	20°37	7°21	10°13	3°10	0°44	18°51	23°59	15° 4	19°58	0°50	1°16	2°24	n.a.	T 24
F 25	14 0 56	1°27'19	2♑48	8°50	11°22	3°48	0°49	18°59	24° 2	15° 2	19°57	0°46	1°12	2°31	n.a.	F 25
S 26	14 4 52	2°24'50	15°11	10°21	12°30	4°27	0°54	19° 6	24° 5	15° 0	19°56	0°44	1° 9	2°37	n.a.	S 26
S 27	14 8 49	3°22'20	27°51	11°55	13°38	5° 5	0°58	19°14	24° 8	14°59	19°55	0°44	1° 6	2°44	n.a.	S 27
M28	14 12 45	4°19'49	10♒52	13°31	14°47	5°43	1° 3	19°22	24°11	14°57	19°54	0°44	1° 3	2°51	n.a.	M28
T 29	14 16 42	5°17'17	24°18	15° 9	15°55	6°21	1° 9	19°29	24°14	14°56	19°53	0°43	1° 0	2°58	n.a.	T 29
W30	14 20 38	6♉14'45	8♓12	16♈50	17♊ 3	7♊ 0	1♌14	19♉37	24♓16	14♏54	19♍52	0♒40	0♒57	3♏ 4	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	3n20	15s20	1n 3	6s35	1s19	17n11	1n13	18n17	0n50	21n34	1n11	15n12	1s42	3s32	0s42	14s56	1n49	20n 3	17n47	19s34	19s49	16s20			n.a.
W 2	3 43	9 40	2 14	6 40	1 31	17 35	1 15	18 28	0 50	21 34	1 10	15 14	1 42	3 31	0 42	14 56	1 50	20 3	17 47	19 35	19 50	16 22			n.a.
T 3	4 6	3 18	3 18	6 43	1 42	17 59	1 18	18 39	0 50	21 33	1 10	15 16	1 41	3 30	0 42	14 56	1 50	20 4	17 46	19 36	19 51	16 24			n.a.
F 4	4 29	3n23	4 10	6 44	1 53	18 23	1 21	18 50	0 51	21 33	1 10	15 18	1 41	3 28	0 42	14 55	1 50	20 4	17 46	19 38	19 51	16 27			n.a.
S 5	4 52	10 0	4 46	6 42	2 2	18 46	1 24	19 1	0 51	21 33	1 10	15 21	1 41	3 27	0 42	14 55	1 50	20 4	17 46	19 40	19 52	16 29			n.a.
S 6	5 15	16 3	5 1	6 38	2 11	19 8	1 27	19 12	0 51	21 32	1 10	15 23	1 41	3 26	0 42	14 54	1 50	20 5	17 46	19 42	19 53	16 32			n.a.
M 7	5 38	21 4	4 56	6 31	2 19	19 30	1 30	19 22	0 52	21 32	1 10	15 25	1 41	3 24	0 42	14 54	1 50	20 5	17 46	19 44	19 53	16 34			n.a.
T 8	6 1	24 38	4 30	6 22	2 27	19 52	1 33	19 32	0 52	21 31	1 10	15 27	1 41	3 23	0 42	14 54	1 50	20 6	17 45	19 46	19 54	16 37			n.a.
W 9	6 23	26 29	3 47	6 11	2 33	20 13	1 35	19 43	0 53	21 31	1 10	15 29	1 41	3 22	0 42	14 53	1 50	20 6	17 45	19 48	19 55	16 39			n.a.
T 10	6 46	26 32	2 51	5 58	2 39	20 33	1 38	19 53	0 53	21 30	1 9	15 31	1 40	3 20	0 42	14 53	1 50	20 6	17 45	19 48	19 56	16 42			n.a.
F 11	7 8	24 57	1 47	5 42	2 44	20 53	1 41	20 3	0 53	21 30	1 9	15 34	1 40	3 19	0 42	14 52	1 50	20 7	17 45	19 49	19 56	16 44			n.a.
S 12	7 30	22 0	0 39	5 25	2 49	21 13	1 43	20 12	0 54	21 29	1 9	15 36	1 40	3 18	0 42	14 52	1 50	20 7	17 44	19 49	19 57	16 46			n.a.
S 13	7 52	18 1	0s29	5 6	2 52	21 32	1 46	20 22	0 54	21 28	1 9	15 38	1 40	3 17	0 42	14 51	1 50	20 7	17 44	19 49	19 58	16 49			n.a.
M14	8 14	13 20	1 34	4 44	2 55	21 50	1 48	20 31	0 54	21 28	1 9	15 40	1 40	3 15	0 42	14 51	1 50	20 8	17 44	19 49	19 58	16 51			n.a.
T 15	8 36	8 11	2 33	4 21	2 58	22 8	1 51	20 41	0 55	21 27	1 9	15 42	1 40	3 14	0 42	14 51	1 50	20 8	17 44	19 50	19 59	16 54			n.a.
W16	8 58	2 49	3 24	3 56	2 59	22 25	1 53	20 50	0 55	21 26	1 9	15 45	1 39	3 13	0 42	14 50	1 50	20 8	17 43	19 51	20 0	16 56			n.a.
T 17	9 19	2s35	4 6	3 29	3 0	22 42	1 55	20 59	0 55	21 25	1 9	15 47	1 39	3 12	0 42	14 50	1 50	20 8	17 43	19 53	20 1	16 58			n.a.
F 18	9 41	7 51	4 36	3 1	3 0	22 58	1 57	21 8	0 56	21 24	1 8	15 49	1 39	3 11	0 42	14 49	1 50	20 9	17 43	19 56	20 1	17 1			n.a.
S 19	10 2	12 48	4 54	2 31	2 59	23 13	2 0	21 16	0 56	21 24	1 8	15 51	1 39	3 9	0 42	14 49	1 50	20 9	17 42	19 58	20 2	17 3			n.a.
S 20	10 23	17 16	4 59	1 59	2 58	23 28	2 2	21 25	0 56	21 23	1 8	15 53	1 39	3 8	0 42	14 48	1 50	20 9	17 42	20 2	20 3	17 6			n.a.
M21	10 44	21 4	4 51	1 26	2 57	23 42	2 4	21 33	0 57	21 22	1 8	15 56	1 39	3 7	0 42	14 48	1 50	20 9	17 42	20 5	20 3	17 8			n.a.
T 22	11 5	24 0	4 31	0 51	2 54	23 56	2 6	21 41	0 57	21 21	1 8	15 58	1 39	3 6	0 42	14 47	1 50	20 9	17 41	20 7	20 4	17 10			n.a.
W23	11 26	25 53	3 58	0 14	2 51	24 9	2 8	21 49	0 57	21 20	1 8	16 0	1 39	3 5	0 42	14 47	1 50	20 10	17 41	20 10	20 5	17 13			n.a.
T 24	11 46	26 36	3 15	0n23	2 47	24 21	2 10	21 57	0 57	21 18	1 8	16 2	1 38	3 3	0 42	14 47	1 50	20 10	17 40	20 11	20 6	17 15			n.a.
F 25	12 6	26 2	2 22	1 3	2 43	24 33	2 11	22 5	0 58	21 17	1 7	16 4	1 38	3 2	0 42	14 46	1 50	20 10	17 40	20 12	20 6	17 17			n.a.
S 26	12 26	24 10	1 21	1 43	2 38	24 44	2 13	22 12	0 58	21 16	1 7	16 7	1 38	3 1	0 42	14 46	1 50	20 10	17 40	20 13	20 7	17 20			n.a.
S 27	12 46	21 4	0 15	2 25	2 33	24 55	2 15	22 20	0 58	21 15	1 7	16 9	1 38	3 0	0 42	14 45	1 50	20 10	17 39	20 13	20 8	17 22			n.a.
M28	13 6	16 50	0n53	3 8	2 27	25 4	2 16	22 27	0 59	21 14	1 7	16 11	1 38	2 59	0 42	14 45	1 50	20 10	17 39	20 13	20 8	17 25			n.a.
T 29	13 25	11 40	2 1	3 52	2 21	25 13	2 18	22 34	0 59	21 12	1 7	16 13	1 38	2 58	0 42	14 44	1 50	20 10	17 38	20 13	20 9	17 27			n.a.
W30	13n45	5s44	3n 4	4n38	2s14	25n22	2n19	22n41	0n59	21n11	1n 7	16n15	1s38	2s57	0s42	14s44	1n50	20n10	17n38	20s13	20s10	17s29			n.a.

Julian Day Number = 1720782.5, Delta T = 02h56m04s
Ecliptic obliquity = 23°41'48, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°05'08, Lahiri = - 3°58'08 Julian Calendar 1 Apr. 2 BCE == Greg. Calendar 30 March 002 BCE

The year -01 astronomical counting style corresponds to year 002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2 BCE
geocentric

MAY 2 BCE (-1) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 24 35	7♉12'11	22♓35	18♈33	18♊11	7♊38	1♌19	19♉45	24♓19	14°R52	19°R51	0°R35	0♒53	3♏11	n.a.	T 1
F 2	14 28 31	8° 9'36	7♈23	20°18	19°18	8°16	1°25	19°53	24°22	14♏51	19♍50	0♒27	0°50	3°18	n.a.	F 2
S 3	14 32 28	9° 7'01	22°30	22° 6	20°26	8°55	1°31	20° 0	24°25	14°49	19°49	0°18	0°47	3°24	n.a.	S 3
S 4	14 36 25	10° 4'25	7♉49	23°56	21°33	9°33	1°37	20° 8	24°27	14°48	19°48	0° 7	0°44	3°31	n.a.	S 4
M 5	14 40 21	11° 1'48	23° 5	25°48	22°41	10°11	1°43	20°16	24°30	14°46	19°47	29♑57	0°41	3°38	n.a.	M 5
T 6	14 44 18	11°59'10	8♊10	27°42	23°48	10°49	1°49	20°24	24°32	14°44	19°46	29°48	0°38	3°45	n.a.	T 6
W 7	14 48 14	12°56'31	22°54	29°39	24°55	11°27	1°55	20°32	24°35	14°43	19°45	29°42	0°34	3°51	n.a.	W 7
T 8	14 52 11	13°53'50	7♋10	1♉38	26° 2	12° 6	2° 2	20°39	24°37	14°41	19°44	29°38	0°31	3°58	n.a.	T 8
F 9	14 56 7	14°51'09	20°58	3°39	27° 9	12°44	2° 8	20°47	24°40	14°40	19°44	29°36	0°28	4° 5	n.a.	F 9
S 10	15 0 4	15°48'27	4♌17	5°41	28°15	13°22	2°15	20°55	24°42	14°38	19°43	29°D36	0°25	4°12	n.a.	S 10
S 11	15 4 0	16°45'43	17°12	7°46	29°21	14° 0	2°22	21° 3	24°45	14°36	19°42	29°R36	0°22	4°18	n.a.	S 11
M12	15 7 57	17°42'58	29°46	9°52	0♋28	14°38	2°29	21°11	24°47	14°35	19°42	29°36	0°18	4°25	n.a.	M12
T 13	15 11 54	18°40'13	12♍ 3	12° 0	1°34	15°16	2°36	21°19	24°49	14°33	19°41	29°33	0°15	4°32	n.a.	T 13
W14	15 15 50	19°37'26	24° 9	14° 9	2°39	15°55	2°43	21°27	24°52	14°31	19°40	29°28	0°12	4°38	n.a.	W14
T 15	15 19 47	20°34'38	6♎ 7	16°18	3°45	16°33	2°51	21°34	24°54	14°30	19°40	29°21	0° 9	4°45	n.a.	T 15
F 16	15 23 43	21°31'50	18° 1	18°29	4°50	17°11	2°58	21°42	24°56	14°28	19°39	29°12	0° 6	4°52	n.a.	F 16
S 17	15 27 40	22°29'01	29°53	20°41	5°56	17°49	3° 6	21°50	24°58	14°27	19°38	29° 0	0° 3	4°59	n.a.	S 17
S 18	15 31 36	23°26'11	11♏46	22°52	7° 1	18°27	3°14	21°58	25° 1	14°25	19°38	28°48	29♑59	5° 5	n.a.	S 18
M19	15 35 33	24°23'21	23°41	25° 4	8° 5	19° 5	3°22	22° 6	25° 3	14°23	19°37	28°37	29°56	5°12	n.a.	M19
T 20	15 39 29	25°20'30	5♐39	27°15	9°10	19°43	3°30	22°14	25° 5	14°22	19°37	28°26	29°53	5°19	n.a.	T 20
W21	15 43 26	26°17'39	17°43	29°26	10°14	20°21	3°38	22°22	25° 7	14°20	19°37	28°18	29°50	5°25	n.a.	W21
T 22	15 47 23	27°14'48	29°54	1♊36	11°19	20°59	3°46	22°29	25° 9	14°19	19°36	28°12	29°47	5°32	n.a.	T 22
F 23	15 51 19	28°11'56	12♑13	3°45	12°23	21°38	3°55	22°37	25°11	14°17	19°36	28° 8	29°44	5°39	n.a.	F 23
S 24	15 55 16	29° 9'04	24°43	5°53	13°26	22°16	4° 3	22°45	25°13	14°16	19°36	28°D 7	29°40	5°46	n.a.	S 24
S 25	15 59 12	0♊ 6'12	7♒28	7°59	14°30	22°54	4°12	22°53	25°15	14°14	19°35	28° 7	29°37	5°52	n.a.	S 25
M26	16 3 9	1° 3'20	20°31	10° 4	15°33	23°32	4°20	23° 1	25°16	14°13	19°35	28° 8	29°34	5°59	n.a.	M26
T 27	16 7 5	2° 0'28	3♓55	12° 7	16°36	24°10	4°29	23° 9	25°18	14°11	19°35	28°R 8	29°31	6° 6	n.a.	T 27
W28	16 11 2	2°57'36	17°42	14° 9	17°38	24°48	4°38	23°16	25°20	14° 9	19°35	28° 7	29°28	6°13	n.a.	W28
T 29	16 14 59	3°54'44	1♈53	16° 8	18°41	25°26	4°47	23°24	25°22	14° 8	19°34	28° 4	29°24	6°19	n.a.	T 29
F 30	16 18 55	4°51'52	16°28	18° 6	19°43	26° 4	4°56	23°32	25°23	14° 6	19°34	27°59	29°21	6°26	n.a.	F 30
S 31	16 22 52	5♊49'00	1♉21	20♊ 2	20♋45	26♊42	5♌ 5	23♉40	25♓25	14♏ 5	19♍34	27♑53	29♑18	6♏33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	14n 4	0n39	3n58	5n24	2s 6	25n30	2n20	22n48	0n59	21n10	1n 7	16n18	1s38	2s56	0s42	14s43	1n50	20n10	17n38	20s15	20s10	17s32			n.a.
F 2	14 23	7 11	4 37	6 12	1 58	25 37	2 21	22 54	1 0	21 8	1 7	16 20	1 38	2 55	0 42	14 43	1 50	20 10	17 37	20 16	20 11	17 34			n.a.
S 3	14 41	13 27	4 58	7 0	1 50	25 43	2 23	23 0	1 0	21 7	1 7	16 22	1 38	2 54	0 42	14 42	1 50	20 10	17 37	20 18	20 12	17 36			n.a.
S 4	15 0	18 57	4 58	7 49	1 41	25 49	2 24	23 7	1 0	21 6	1 6	16 24	1 37	2 53	0 43	14 42	1 50	20 10	17 36	20 21	20 13	17 39			n.a.
M 5	15 18	23 12	4 37	8 39	1 32	25 54	2 24	23 13	1 0	21 4	1 6	16 26	1 37	2 52	0 43	14 41	1 50	20 10	17 36	20 23	20 13	17 41			n.a.
T 6	15 36	25 48	3 56	9 30	1 22	25 58	2 25	23 18	1 1	21 3	1 6	16 29	1 37	2 51	0 43	14 41	1 50	20 10	17 35	20 25	20 14	17 43			n.a.
W 7	15 53	26 31	3 1	10 21	1 12	26 2	2 26	23 24	1 1	21 1	1 6	16 31	1 37	2 50	0 43	14 40	1 50	20 10	17 35	20 26	20 15	17 45			n.a.
T 8	16 11	25 26	1 56	11 12	1 2	26 5	2 27	23 30	1 1	20 59	1 6	16 33	1 37	2 49	0 43	14 40	1 50	20 10	17 34	20 27	20 15	17 48			n.a.
F 9	16 28	22 48	0 46	12 3	0 52	26 7	2 27	23 35	1 1	20 58	1 6	16 35	1 37	2 48	0 43	14 39	1 50	20 10	17 34	20 27	20 16	17 50			n.a.
S 10	16 45	18 59	0s25	12 55	0 41	26 9	2 27	23 40	1 2	20 56	1 6	16 37	1 37	2 47	0 43	14 39	1 50	20 10	17 34	20 27	20 17	17 52			n.a.
S 11	17 1	14 23	1 32	13 46	0 30	26 9	2 28	23 45	1 2	20 54	1 6	16 39	1 37	2 46	0 43	14 38	1 50	20 10	17 33	20 27	20 17	17 55			n.a.
M12	17 18	9 18	2 33	14 37	0 19	26 10	2 28	23 50	1 2	20 53	1 5	16 42	1 37	2 45	0 43	14 38	1 50	20 9	17 33	20 27	20 18	17 57			n.a.
T 13	17 34	3 58	3 25	15 28	0 9	26 9	2 28	23 54	1 2	20 51	1 5	16 44	1 37	2 44	0 43	14 38	1 50	20 9	17 32	20 28	20 19	17 59			n.a.
W14	17 50	1s26	4 7	16 17	0n 2	26 8	2 28	23 59	1 2	20 49	1 5	16 46	1 37	2 43	0 43	14 37	1 50	20 9	17 32	20 29	20 19	18 1			n.a.
T 15	18 5	6 42	4 38	17 6	0 13	26 6	2 28	24 3	1 3	20 47	1 5	16 48	1 37	2 42	0 43	14 37	1 50	20 9	17 31	20 30	20 20	18 4			n.a.
F 16	18 20	11 42	4 56	17 53	0 23	26 4	2 28	24 7	1 3	20 45	1 5	16 50	1 36	2 41	0 43	14 36	1 50	20 9	17 31	20 32	20 21	18 6			n.a.
S 17	18 35	16 15	5 2	18 39	0 33	26 1	2 27	24 11	1 3	20 44	1 5	16 52	1 36	2 40	0 43	14 36	1 50	20 8	17 30	20 35	20 22	18 8			n.a.
S 18	18 50	20 11	4 54	19 23	0 43	25 57	2 27	24 14	1 3	20 42	1 5	16 54	1 36	2 39	0 43	14 35	1 50	20 8	17 30	20 37	20 22	18 10			n.a.
M19	19 4	23 19	4 34	20 5	0 53	25 52	2 26	24 18	1 3	20 40	1 5	16 56	1 36	2 39	0 43	14 35	1 50	20 8	17 29	20 40	20 23	18 13			n.a.
T 20	19 18	25 26	4 1	20 45	1 2	25 47	2 25	24 21	1 4	20 38	1 5	16 58	1 36	2 38	0 43	14 34	1 50	20 7	17 29	20 42	20 24	18 15			n.a.
W21	19 32	26 24	3 18	21 23	1 10	25 42	2 24	24 24	1 4	20 36	1 5	17 0	1 36	2 37	0 43	14 34	1 50	20 7	17 28	20 43	20 24	18 17			n.a.
T 22	19 45	26 6	2 25	21 58	1 18	25 35	2 23	24 27	1 4	20 34	1 4	17 3	1 36	2 36	0 43	14 33	1 50	20 7	17 27	20 45	20 25	18 19			n.a.
F 23	19 58	24 31	1 24	22 31	1 25	25 28	2 22	24 30	1 4	20 32	1 4	17 5	1 36	2 35	0 43	14 33	1 50	20 6	17 27	20 45	20 26	18 22			n.a.
S 24	20 11	21 42	0 18	23 1	1 32	25 21	2 21	24 32	1 4	20 29	1 4	17 7	1 36	2 35	0 43	14 32	1 50	20 6	17 26	20 46	20 26	18 24			n.a.
S 25	20 23	17 48	0n50	23 29	1 37	25 13	2 19	24 35	1 5	20 27	1 4	17 9	1 36	2 34	0 43	14 32	1 50	20 6	17 26	20 46	20 27	18 26			n.a.
M26	20 35	12 57	1 57	23 53	1 43	25 4	2 18	24 37	1 5	20 25	1 4	17 11	1 36	2 33	0 43	14 32	1 50	20 5	17 25	20 45	20 28	18 28			n.a.
T 27	20 47	7 24	3 0	24 15	1 47	24 54	2 16	24 39	1 5	20 23	1 4	17 13	1 36	2 33	0 43	14 31	1 50	20 5	17 25	20 45	20 28	18 30			n.a.
W28	20 58	1 20	3 54	24 35	1 51	24 44	2 14	24 41	1 5	20 21	1 4	17 15	1 36	2 32	0 43	14 31	1 50	20 5	17 24	20 46	20 29	18 33			n.a.
T 29	21 10	4n57	4 35	24 51	1 54	24 34	2 12	24 42	1 5	20 18	1 4	17 17	1 36	2 31	0 43	14 30	1 50	20 4	17 24	20 46	20 30	18 35			n.a.
F 30	21 20	11 9	5 0	25 5	1 56	24 23	2 10	24 44	1 5	20 16	1 4	17 19	1 36	2 31	0 43	14 30	1 50	20 4	17 23	20 47	20 30	18 37			n.a.
S 31	21n30	16n50	5n 6	25n17	1n58	24n11	2n 8	24n45	1n 6	20n14	1n 4	17n21	1s36	2s30	0s43	14s29	1n50	20n 3	17n23	20s48	20s31	18s39			n.a.

Julian Day Number = 1720812.5, Delta T = 02h56m03s
Ecliptic obliquity = 23°41'47, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°05'04, Lahiri = - 3°58'04 Julian Calendar 1 May 2 BCE == Greg. Calendar 29 Apr. 002 BCE

The year -01 astronomical counting style corresponds to year 002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2 BCE
geocentric

JUNE 2 BCE (-1) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 26 48	6♊46'08	16♉26	21♊55	21♋46	27♊20	5♌15	23♉47	25♓27	14°R 4	19°R34	27°R45	29♑15	6♏39	n.a.	S 1
M 2	16 30 45	7°43'17	1♊33	23°47	22°48	27°58	5°24	23°55	25°28	14♏ 2	19°D34	27♑38	29°12	6°46	n.a.	M 2
T 3	16 34 41	8°40'26	16°31	25°36	23°49	28°36	5°34	24° 3	25°30	14° 1	19♍34	27°32	29° 9	6°53	n.a.	T 3
W 4	16 38 38	9°37'34	1♋14	27°24	24°49	29°14	5°43	24°11	25°31	13°59	19°34	27°27	29° 5	7° 0	n.a.	W 4
T 5	16 42 34	10°34'42	15°32	29° 9	25°50	29°52	5°53	24°18	25°33	13°58	19°34	27°25	29° 2	7° 6	n.a.	T 5
F 6	16 46 31	11°31'51	29°25	0♋52	26°50	0♋30	6° 3	24°26	25°34	13°56	19°34	27°D24	28°59	7°13	n.a.	F 6
S 7	16 50 28	12°28'59	12♌49	2°34	27°49	1° 8	6°13	24°34	25°35	13°55	19°35	27°25	28°56	7°20	n.a.	S 7
S 8	16 54 24	13°26'07	25°48	4°13	28°49	1°46	6°23	24°41	25°37	13°54	19°35	27°26	28°53	7°27	n.a.	S 8
M 9	16 58 21	14°23'14	8♍25	5°50	29°47	2°24	6°33	24°49	25°38	13°52	19°35	27°27	28°50	7°33	n.a.	M 9
T 10	17 2 17	15°20'22	20°45	7°24	0♌46	3° 2	6°43	24°56	25°39	13°51	19°35	27°R27	28°46	7°40	n.a.	T 10
W11	17 6 14	16°17'30	2♎51	8°57	1°44	3°40	6°53	25° 4	25°40	13°50	19°35	27°26	28°43	7°47	n.a.	W11
T 12	17 10 10	17°14'37	14°48	10°28	2°42	4°18	7° 3	25°11	25°41	13°48	19°36	27°22	28°40	7°53	n.a.	T 12
F 13	17 14 7	18°11'45	26°41	11°56	3°39	4°56	7°14	25°19	25°42	13°47	19°36	27°18	28°37	8° 0	n.a.	F 13
S 14	17 18 3	19° 8'53	8♏34	13°22	4°36	5°34	7°24	25°26	25°43	13°46	19°37	27°12	28°34	8° 7	n.a.	S 14
S 15	17 22 0	20° 6'01	20°28	14°47	5°32	6°12	7°35	25°34	25°44	13°45	19°37	27° 5	28°30	8°14	n.a.	S 15
M16	17 25 57	21° 3'10	2♐28	16° 8	6°28	6°50	7°46	25°41	25°45	13°43	19°37	26°59	28°27	8°20	n.a.	M16
T 17	17 29 53	22° 0'18	14°34	17°28	7°23	7°28	7°56	25°49	25°46	13°42	19°38	26°53	28°24	8°27	n.a.	T 17
W18	17 33 50	22°57'28	26°48	18°45	8°18	8° 6	8° 7	25°56	25°47	13°41	19°38	26°48	28°21	8°34	n.a.	W18
T 19	17 37 46	23°54'38	9♑12	20° 0	9°13	8°44	8°18	26° 3	25°48	13°40	19°39	26°45	28°18	8°40	n.a.	T 19
F 20	17 41 43	24°51'48	21°46	21°12	10° 6	9°22	8°29	26°10	25°48	13°39	19°40	26°D44	28°15	8°47	n.a.	F 20
S 21	17 45 39	25°48'59	4♒32	22°22	11° 0	10° 0	8°40	26°18	25°49	13°38	19°40	26°44	28°11	8°54	n.a.	S 21
S 22	17 49 36	26°46'11	17°31	23°30	11°52	10°38	8°51	26°25	25°50	13°37	19°41	26°45	28° 8	9° 1	n.a.	S 22
M23	17 53 33	27°43'23	0♓45	24°34	12°44	11°16	9° 2	26°32	25°50	13°36	19°42	26°47	28° 5	9° 7	n.a.	M23
T 24	17 57 29	28°40'37	14°14	25°36	13°36	11°54	9°13	26°39	25°51	13°35	19°42	26°48	28° 2	9°14	n.a.	T 24
W25	18 1 26	29°37'51	28° 2	26°35	14°26	12°32	9°25	26°46	25°51	13°34	19°43	26°R49	27°59	9°21	n.a.	W25
T 26	18 5 22	0♋35'07	12♈ 6	27°31	15°17	13°10	9°36	26°53	25°52	13°33	19°44	26°48	27°56	9°28	n.a.	T 26
F 27	18 9 19	1°32'23	26°26	28°24	16° 6	13°49	9°48	27° 0	25°52	13°32	19°45	26°47	27°52	9°34	n.a.	F 27
S 28	18 13 15	2°29'41	11♉ 0	29°14	16°55	14°27	9°59	27° 7	25°52	13°31	19°45	26°44	27°49	9°41	n.a.	S 28
S 29	18 17 12	3°27'00	25°42	0♌ 1	17°43	15° 5	10°11	27°14	25°53	13°30	19°46	26°41	27°46	9°48	n.a.	S 29
M30	18 21 8	4♋24'20	10♊26	0♌44	18♌30	15♋43	10♌22	27♉21	25♓53	13♏29	19♍47	26♑38	27♑43	9♏54	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n40	21n33	4n50	25n26	1n59	23n59	2n 6	24n46	1n 6	20n11	1n 4	17n23	1s36	2s29	0s43	14s29	1n50	20n 3	17n22	20s50	20s32	18s41		n.a.
M 2	21 50	24 51	4 15	25 32	1 59	23 46	2 3	24 47	1 6	20 9	1 3	17 25	1 36	2 29	0 43	14 29	1 50	20 2	17 21	20 51	20 32	18 44		n.a.
T 3	21 59	26 21	3 22	25 36	1 59	23 33	2 0	24 47	1 6	20 6	1 3	17 27	1 36	2 28	0 43	14 28	1 50	20 2	17 21	20 53	20 33	18 46		n.a.
W 4	22 8	25 58	2 16	25 38	1 58	23 19	1 58	24 48	1 6	20 4	1 3	17 28	1 36	2 28	0 43	14 28	1 50	20 1	17 20	20 54	20 34	18 48		n.a.
T 5	22 16	23 50	1 4	25 38	1 56	23 5	1 55	24 48	1 6	20 1	1 3	17 30	1 36	2 27	0 43	14 27	1 50	20 1	17 20	20 54	20 34	18 50		n.a.
F 6	22 24	20 19	0s11	25 36	1 54	22 50	1 51	24 48	1 7	19 59	1 3	17 32	1 36	2 27	0 43	14 27	1 50	20 0	17 19	20 54	20 35	18 52		n.a.
S 7	22 32	15 50	1 22	25 31	1 51	22 35	1 48	24 48	1 7	19 56	1 3	17 34	1 36	2 26	0 43	14 27	1 49	20 0	17 19	20 54	20 36	18 54		n.a.
S 8	22 39	10 44	2 27	25 25	1 48	22 19	1 45	24 48	1 7	19 54	1 3	17 36	1 36	2 26	0 43	14 26	1 49	19 59	17 18	20 54	20 36	18 56		n.a.
M 9	22 46	5 21	3 23	25 17	1 43	22 3	1 41	24 47	1 7	19 51	1 3	17 38	1 36	2 25	0 44	14 26	1 49	19 58	17 18	20 54	20 37	18 59		n.a.
T 10	22 53	0s 6	4 9	25 8	1 39	21 47	1 37	24 47	1 7	19 48	1 3	17 40	1 35	2 25	0 44	14 26	1 49	19 58	17 17	20 54	20 38	19 1		n.a.
W11	22 59	5 27	4 42	24 57	1 34	21 30	1 33	24 46	1 7	19 46	1 3	17 42	1 35	2 24	0 44	14 25	1 49	19 57	17 16	20 54	20 38	19 3		n.a.
T 12	23 5	10 32	5 2	24 44	1 28	21 13	1 29	24 45	1 7	19 43	1 3	17 43	1 35	2 24	0 44	14 25	1 49	19 56	17 16	20 55	20 39	19 5		n.a.
F 13	23 10	15 12	5 10	24 30	1 22	20 55	1 25	24 44	1 7	19 40	1 3	17 45	1 35	2 23	0 44	14 25	1 49	19 56	17 15	20 55	20 40	19 7		n.a.
S 14	23 15	19 17	5 4	24 15	1 15	20 37	1 20	24 42	1 8	19 37	1 3	17 47	1 35	2 23	0 44	14 24	1 49	19 55	17 15	20 57	20 40	19 9		n.a.
S 15	23 19	22 37	4 45	23 59	1 8	20 19	1 16	24 40	1 8	19 35	1 3	17 49	1 35	2 23	0 44	14 24	1 49	19 54	17 14	20 58	20 41	19 11		n.a.
M16	23 23	25 0	4 13	23 42	1 0	20 0	1 11	24 39	1 8	19 32	1 2	17 51	1 35	2 22	0 44	14 24	1 49	19 54	17 14	20 59	20 41	19 13		n.a.
T 17	23 27	26 16	3 29	23 24	0 52	19 41	1 6	24 37	1 8	19 29	1 2	17 52	1 35	2 22	0 44	14 23	1 49	19 53	17 13	21 0	20 42	19 15		n.a.
W18	23 30	26 15	2 36	23 5	0 43	19 21	1 1	24 35	1 8	19 26	1 2	17 54	1 35	2 22	0 44	14 23	1 49	19 52	17 12	21 1	20 43	19 17		n.a.
T 19	23 33	24 57	1 34	22 45	0 34	19 2	0 55	24 32	1 8	19 23	1 2	17 56	1 35	2 22	0 44	14 23	1 49	19 52	17 12	21 2	20 43	19 20		n.a.
F 20	23 36	22 22	0 27	22 25	0 25	18 42	0 50	24 30	1 8	19 20	1 2	17 57	1 35	2 21	0 44	14 22	1 49	19 51	17 11	21 2	20 44	19 22		n.a.
S 21	23 38	18 39	0n43	22 4	0 15	18 22	0 44	24 27	1 8	19 17	1 2	17 59	1 35	2 21	0 44	14 22	1 49	19 50	17 11	21 2	20 45	19 24		n.a.
S 22	23 39	13 59	1 51	21 42	0 5	18 1	0 38	24 24	1 8	19 14	1 2	18 1	1 35	2 21	0 44	14 22	1 49	19 49	17 10	21 2	20 45	19 26		n.a.
M23	23 41	8 36	2 55	21 20	0s 6	17 41	0 32	24 21	1 8	19 11	1 2	18 2	1 36	2 21	0 44	14 22	1 49	19 49	17 10	21 2	20 46	19 28		n.a.
T 24	23 41	2 43	3 51	20 58	0 17	17 20	0 26	24 18	1 9	19 8	1 2	18 4	1 36	2 20	0 44	14 21	1 49	19 48	17 9	21 1	20 47	19 30		n.a.
W25	23 42	3n24	4 35	20 36	0 28	16 59	0 19	24 14	1 9	19 5	1 2	18 6	1 36	2 20	0 44	14 21	1 49	19 47	17 9	21 1	20 47	19 32		n.a.
T 26	23 42	9 29	5 4	20 14	0 40	16 38	0 13	24 10	1 9	19 2	1 2	18 7	1 36	2 20	0 44	14 21	1 49	19 46	17 8	21 1	20 48	19 34		n.a.
F 27	23 41	15 10	5 14	19 52	0 52	16 16	0 6	24 7	1 9	18 59	1 2	18 9	1 36	2 20	0 44	14 21	1 49	19 45	17 7	21 2	20 49	19 36		n.a.
S 28	23 40	20 6	5 4	19 29	1 4	15 55	0s 1	24 3	1 9	18 56	1 2	18 10	1 36	2 20	0 44	14 20	1 49	19 45	17 7	21 2	20 49	19 38		n.a.
S 29	23 39	23 50	4 35	19 8	1 16	15 33	0 8	23 58	1 9	18 52	1 2	18 12	1 36	2 20	0 44	14 20	1 49	19 44	17 6	21 3	20 50	19 40		n.a.
M30	23n37	26n 0	3n47	18n46	1s29	15n12	0s16	23n54	1n 9	18n49	1n 2	18n14	1s36	2s20	0s44	14s20	1n48	19n43	17n 6	21s 3	20s50	19s42		n.a.

Julian Day Number = 1720843.5, Delta T = 02h56m03s
Ecliptic obliquity = 23°41'46, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°05'00, Lahiri = - 3°58'00 Julian Calendar 1 June 2 BCE == Greg. Calendar 30 May 002 BCE

The year -01 astronomical counting style corresponds to year 002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2 BCE
geocentric

JULY 2 BCE (-1) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 25 5	5♋21'41	25♊ 5	1♌23	19♌16	16♋21	10♌34	27♉28	25♓53	13°R28	19♍48	26°R36	27♑40	10♏ 1	n.a.	T 1
W 2	18 29 2	6°19'03	9♋33	1°58	20° 2	16°59	10°46	27°34	25°53	13♏27	19°49	26♑34	27°36	10° 8	n.a.	W 2
T 3	18 32 58	7°16'26	23°42	2°30	20°47	17°37	10°57	27°41	25°53	13°26	19°50	26°D34	27°33	10°15	n.a.	T 3
F 4	18 36 55	8°13'49	7♌30	2°57	21°31	18°15	11° 9	27°48	25°R53	13°26	19°51	26°34	27°30	10°21	n.a.	F 4
S 5	18 40 51	9°11'14	20°54	3°20	22°14	18°53	11°21	27°54	25°53	13°25	19°52	26°35	27°27	10°28	n.a.	S 5
S 6	18 44 48	10° 8'39	3♍55	3°38	22°55	19°31	11°33	28° 1	25°53	13°24	19°53	26°36	27°24	10°35	n.a.	S 6
M 7	18 48 44	11° 6'05	16°35	3°51	23°36	20° 9	11°45	28° 7	25°53	13°23	19°54	26°37	27°21	10°41	n.a.	M 7
T 8	18 52 41	12° 3'32	28°57	3°59	24°16	20°47	11°57	28°14	25°53	13°23	19°56	26°38	27°17	10°48	n.a.	T 8
W 9	18 56 37	13° 1'00	11♎ 5	4°R 3	24°55	21°25	12° 9	28°20	25°53	13°22	19°57	26°R39	27°14	10°55	n.a.	W 9
T 10	19 0 34	13°58'28	23° 4	4° 1	25°33	22° 3	12°21	28°27	25°52	13°22	19°58	26°38	27°11	11° 2	n.a.	T 10
F 11	19 4 31	14°55'58	4♏57	3°54	26° 9	22°42	12°33	28°33	25°52	13°21	19°59	26°38	27° 8	11° 8	n.a.	F 11
S 12	19 8 27	15°53'29	16°51	3°41	26°44	23°20	12°46	28°39	25°52	13°20	20° 1	26°37	27° 5	11°15	n.a.	S 12
S 13	19 12 24	16°51'00	28°47	3°23	27°18	23°58	12°58	28°45	25°51	13°20	20° 2	26°35	27° 2	11°22	n.a.	S 13
M14	19 16 20	17°48'33	10♐51	2°59	27°51	24°36	13°10	28°51	25°51	13°19	20° 3	26°34	26°58	11°29	n.a.	M14
T 15	19 20 17	18°46'07	23° 5	2°31	28°22	25°14	13°23	28°57	25°50	13°19	20° 5	26°33	26°55	11°35	n.a.	T 15
W16	19 24 13	19°43'42	5♑31	1°57	28°52	25°52	13°35	29° 3	25°50	13°19	20° 6	26°32	26°52	11°42	n.a.	W16
T 17	19 28 10	20°41'18	18°10	1°19	29°20	26°30	13°47	29° 9	25°49	13°18	20° 7	26°32	26°49	11°49	n.a.	T 17
F 18	19 32 7	21°38'56	1♒ 4	0°37	29°47	27° 9	14° 0	29°15	25°49	13°18	20° 9	26°D32	26°46	11°55	n.a.	F 18
S 19	19 36 3	22°36'35	14°11	29♋51	0♍12	27°47	14°12	29°21	25°48	13°18	20°10	26°32	26°42	12° 2	n.a.	S 19
S 20	19 40 0	23°34'16	27°33	29° 2	0°36	28°25	14°25	29°26	25°47	13°17	20°12	26°32	26°39	12° 9	n.a.	S 20
M21	19 43 56	24°31'58	11♓ 8	28°12	0°58	29° 3	14°38	29°32	25°46	13°17	20°13	26°32	26°36	12°16	n.a.	M21
T 22	19 47 53	25°29'42	24°54	27°20	1°18	29°41	14°50	29°38	25°46	13°17	20°15	26°33	26°33	12°22	n.a.	T 22
W23	19 51 49	26°27'28	8♈51	26°28	1°36	0♌19	15° 3	29°43	25°45	13°17	20°16	26°R33	26°30	12°29	n.a.	W23
T 24	19 55 46	27°25'15	22°57	25°37	1°53	0°58	15°15	29°49	25°44	13°16	20°18	26°D33	26°27	12°36	n.a.	T 24
F 25	19 59 42	28°23'04	7♉10	24°47	2° 7	1°36	15°28	29°54	25°43	13°16	20°20	26°33	26°23	12°42	n.a.	F 25
S 26	20 3 39	29°20'56	21°28	24° 1	2°19	2°14	15°41	29°59	25°42	13°16	20°21	26°33	26°20	12°49	n.a.	S 26
S 27	20 7 35	0♌18'49	5♊47	23°19	2°30	2°52	15°54	0♊ 4	25°41	13°16	20°23	26°33	26°17	12°56	n.a.	S 27
M28	20 11 32	1°16'44	20° 5	22°42	2°38	3°31	16° 6	0°10	25°40	13°16	20°25	26°33	26°14	13° 3	n.a.	M28
T 29	20 15 29	2°14'41	4♋16	22°10	2°44	4° 9	16°19	0°15	25°38	13°D16	20°27	26°34	26°11	13° 9	n.a.	T 29
W30	20 19 25	3°12'40	18°19	21°45	2°48	4°47	16°32	0°20	25°37	13°16	20°28	26°34	26° 8	13°16	n.a.	W30
T 31	20 23 22	4♌10'40	2♌ 8	21♋27	2°R50	5♌26	16♌45	0♊25	25♓36	13♏16	20♍30	26°R34	26♑ 4	13♏23	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n35	26n21	2n45	18n25	1s41	14n50	0s23	23n50	1n 9	18n46	1n 2	18n15	1s36	2s20	0s44	14s20	1n48	19n42	17n 5	21s 4	20s51	19s44		n.a.
W 2	23 33	24 53	1 32	18 5	1 54	14 28	0 31	23 45	1 9	18 43	1 2	18 17	1 36	2 20	0 44	14 19	1 48	19 41	17 5	21 4	20 52	19 46		n.a.
T 3	23 30	21 51	0 16	17 45	2 7	14 6	0 39	23 40	1 9	18 39	1 2	18 18	1 36	2 20	0 44	14 19	1 48	19 40	17 4	21 4	20 52	19 48		n.a.
F 4	23 26	17 38	1s 0	17 26	2 20	13 44	0 47	23 35	1 9	18 36	1 2	18 20	1 36	2 20	0 44	14 19	1 48	19 39	17 4	21 4	20 53	19 50		n.a.
S 5	23 22	12 38	2 10	17 9	2 33	13 22	0 56	23 30	1 9	18 33	1 2	18 21	1 36	2 20	0 44	14 19	1 48	19 38	17 3	21 4	20 54	19 52		n.a.
S 6	23 18	7 12	3 12	16 52	2 46	13 0	1 5	23 24	1 9	18 29	1 2	18 22	1 36	2 20	0 44	14 19	1 48	19 37	17 3	21 4	20 54	19 54		n.a.
M 7	23 14	1 38	4 2	16 36	2 59	12 38	1 13	23 18	1 9	18 26	1 2	18 24	1 36	2 20	0 44	14 19	1 48	19 37	17 2	21 3	20 55	19 56		n.a.
T 8	23 9	3s51	4 40	16 22	3 11	12 17	1 22	23 13	1 9	18 23	1 2	18 25	1 36	2 20	0 44	14 18	1 48	19 36	17 2	21 3	20 56	19 58		n.a.
W 9	23 3	9 5	5 5	16 10	3 23	11 55	1 32	23 7	1 9	18 19	1 2	18 27	1 36	2 20	0 45	14 18	1 48	19 35	17 1	21 3	20 56	20 0		n.a.
T 10	22 57	13 56	5 15	15 59	3 35	11 33	1 41	23 1	1 9	18 16	1 2	18 28	1 36	2 20	0 45	14 18	1 48	19 34	17 1	21 3	20 57	20 2		n.a.
F 11	22 51	18 13	5 13	15 49	3 46	11 12	1 51	22 54	1 9	18 12	1 2	18 29	1 36	2 20	0 45	14 18	1 48	19 33	17 0	21 3	20 57	20 4		n.a.
S 12	22 44	21 47	4 57	15 42	3 57	10 51	2 1	22 48	1 10	18 9	1 2	18 31	1 36	2 21	0 45	14 18	1 48	19 32	17 0	21 4	20 58	20 6		n.a.
S 13	22 37	24 27	4 28	15 37	4 6	10 30	2 11	22 41	1 10	18 5	1 2	18 32	1 36	2 21	0 45	14 18	1 48	19 31	16 59	21 4	20 59	20 8		n.a.
M14	22 30	26 3	3 47	15 34	4 15	10 9	2 21	22 34	1 10	18 2	1 1	18 33	1 36	2 21	0 45	14 18	1 48	19 30	16 59	21 4	20 59	20 10		n.a.
T 15	22 22	26 25	2 55	15 33	4 23	9 48	2 31	22 27	1 10	17 58	1 1	18 34	1 36	2 21	0 45	14 18	1 48	19 29	16 58	21 4	21 0	20 12		n.a.
W16	22 14	25 28	1 54	15 34	4 29	9 28	2 42	22 20	1 10	17 54	1 1	18 36	1 36	2 21	0 45	14 18	1 48	19 28	16 58	21 4	21 1	20 14		n.a.
T 17	22 5	23 13	0 46	15 37	4 34	9 8	2 53	22 13	1 10	17 51	1 1	18 37	1 36	2 22	0 45	14 18	1 47	19 27	16 57	21 4	21 1	20 16		n.a.
F 18	21 56	19 44	0n25	15 43	4 38	8 48	3 4	22 6	1 10	17 47	1 1	18 38	1 36	2 22	0 45	14 18	1 47	19 26	16 57	21 4	21 2	20 17		n.a.
S 19	21 47	15 13	1 36	15 50	4 40	8 29	3 15	21 58	1 10	17 43	1 1	18 39	1 37	2 22	0 45	14 17	1 47	19 25	16 56	21 4	21 2	20 19		n.a.
S 20	21 37	9 54	2 44	16 0	4 40	8 10	3 27	21 50	1 10	17 40	1 1	18 41	1 37	2 23	0 45	14 17	1 47	19 24	16 56	21 4	21 3	20 21		n.a.
M21	21 27	4 2	3 43	16 12	4 38	7 51	3 38	21 42	1 10	17 36	1 1	18 42	1 37	2 23	0 45	14 17	1 47	19 23	16 55	21 4	21 4	20 23		n.a.
T 22	21 16	2n 5	4 30	16 26	4 35	7 33	3 50	21 34	1 10	17 32	1 1	18 43	1 37	2 23	0 45	14 17	1 47	19 22	16 55	21 4	21 4	20 25		n.a.
W23	21 5	8 10	5 2	16 41	4 29	7 15	4 2	21 26	1 10	17 28	1 1	18 44	1 37	2 24	0 45	14 17	1 47	19 21	16 55	21 4	21 5	20 27		n.a.
T 24	20 54	13 54	5 16	16 58	4 22	6 58	4 14	21 18	1 10	17 25	1 1	18 45	1 37	2 24	0 45	14 17	1 47	19 20	16 54	21 4	21 5	20 29		n.a.
F 25	20 42	18 57	5 11	17 15	4 13	6 42	4 26	21 9	1 10	17 21	1 1	18 46	1 37	2 25	0 45	14 17	1 47	19 19	16 54	21 4	21 6	20 31		n.a.
S 26	20 30	22 56	4 48	17 34	4 2	6 26	4 38	21 0	1 10	17 17	1 1	18 47	1 37	2 25	0 45	14 17	1 47	19 18	16 53	21 4	21 7	20 33		n.a.
S 27	20 18	25 32	4 6	17 54	3 49	6 11	4 50	20 51	1 10	17 13	1 2	18 48	1 37	2 25	0 45	14 18	1 47	19 17	16 53	21 4	21 7	20 34		n.a.
M28	20 5	26 27	3 9	18 13	3 35	5 56	5 3	20 42	1 10	17 9	1 2	18 49	1 37	2 26	0 45	14 18	1 47	19 16	16 52	21 4	21 8	20 36		n.a.
T 29	19 52	25 38	2 0	18 33	3 20	5 43	5 15	20 33	1 10	17 6	1 2	18 50	1 37	2 26	0 45	14 18	1 47	19 14	16 52	21 4	21 8	20 38		n.a.
W30	19 39	23 11	0 46	18 53	3 4	5 29	5 28	20 24	1 10	17 2	1 2	18 51	1 37	2 27	0 45	14 18	1 47	19 13	16 52	21 4	21 9	20 40		n.a.
T 31	19n25	19n24	0s31	19n13	2s47	5n17	5s40	20n14	1n10	16n58	1n 2	18n52	1s37	2s27	0s45	14s18	1n47	19n12	16n51	21s 4	21s10	20s42		n.a.

Julian Day Number = 1720873.5, Delta T = 02h56m02s
Ecliptic obliquity = 23°41'46, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°04'56, Lahiri = - 3°57'55 Julian Calendar 1 July 2 BCE == Greg. Calendar 29 June 002 BCE

The year -01 astronomical counting style corresponds to year 002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2 BCE
geocentric

AUGUST 2 BCE (-1) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 27 18	5♌ 8'43	15♌41	21°R17	2°R49	6♌ 4	16♌58	0♊29	25°R35	13♏16	20♍32	26°R34	26♉ 1	13♏29	n.a.	F 1
S 2	20 31 15	6° 6'46	28°56	21°D15	2♍46	6°42	17°11	0°34	25♓33	13°16	20°34	26♉33	25°58	13°36	n.a.	S 2
S 3	20 35 11	7° 4'52	11♍53	21♋21	2°41	7°21	17°23	0°39	25°32	13°16	20°36	26°32	25°55	13°43	n.a.	S 3
M 4	20 39 8	8° 2'59	24°31	21°35	2°33	7°59	17°36	0°43	25°31	13°17	20°37	26°30	25°52	13°50	n.a.	M 4
T 5	20 43 4	9° 1'07	6♎53	21°58	2°23	8°37	17°49	0°48	25°29	13°17	20°39	26°29	25°48	13°56	n.a.	T 5
W 6	20 47 1	9°59'18	19° 2	22°29	2°11	9°16	18° 2	0°52	25°28	13°17	20°41	26°27	25°45	14° 3	n.a.	W 6
T 7	20 50 58	10°57'29	1♏ 1	23° 9	1°56	9°54	18°15	0°56	25°26	13°17	20°43	26°26	25°42	14°10	n.a.	T 7
F 8	20 54 54	11°55'43	12°55	23°56	1°39	10°32	18°28	1° 1	25°25	13°18	20°45	26°D26	25°39	14°16	n.a.	F 8
S 9	20 58 51	12°53'58	24°48	24°51	1°19	11°11	18°41	1° 5	25°23	13°18	20°47	26°26	25°36	14°23	n.a.	S 9
S 10	21 2 47	13°52'14	6♐45	25°53	0°58	11°49	18°54	1° 9	25°22	13°18	20°49	26°28	25°33	14°30	n.a.	S 10
M11	21 6 44	14°50'33	18°50	27° 2	0°34	12°28	19° 7	1°13	25°20	13°19	20°51	26°29	25°29	14°37	n.a.	M11
T 12	21 10 40	15°48'53	1♑ 9	28°18	0° 8	13° 6	19°20	1°17	25°18	13°19	20°53	26°30	25°26	14°43	n.a.	T 12
W13	21 14 37	16°47'15	13°43	29°39	29♌40	13°45	19°33	1°20	25°16	13°20	20°55	26°32	25°23	14°50	n.a.	W13
T 14	21 18 33	17°45'38	26°35	1♌ 5	29°11	14°23	19°46	1°24	25°15	13°20	20°57	26°R32	25°20	14°57	n.a.	T 14
F 15	21 22 30	18°44'04	9♒47	2°36	28°40	15° 2	19°59	1°28	25°13	13°21	20°59	26°31	25°17	15° 4	n.a.	F 15
S 16	21 26 27	19°42'31	23°19	4°12	28° 7	15°40	20°12	1°31	25°11	13°21	21° 1	26°30	25°13	15°10	n.a.	S 16
S 17	21 30 23	20°41'00	7♓ 7	5°50	27°33	16°19	20°25	1°35	25° 9	13°22	21° 4	26°27	25°10	15°17	n.a.	S 17
M18	21 34 20	21°39'31	21° 9	7°32	26°58	16°57	20°38	1°38	25° 7	13°23	21° 6	26°24	25° 7	15°24	n.a.	M18
T 19	21 38 16	22°38'05	5♈22	9°17	26°22	17°36	20°51	1°41	25° 5	13°23	21° 8	26°20	25° 4	15°30	n.a.	T 19
W20	21 42 13	23°36'40	19°39	11° 3	25°46	18°14	21° 4	1°44	25° 3	13°24	21°10	26°17	25° 1	15°37	n.a.	W20
T 21	21 46 9	24°35'18	3♉58	12°51	25° 9	18°53	21°17	1°47	25° 1	13°25	21°12	26°14	24°58	15°44	n.a.	T 21
F 22	21 50 6	25°33'59	18°14	14°41	24°32	19°32	21°30	1°50	24°59	13°26	21°14	26°13	24°54	15°51	n.a.	F 22
S 23	21 54 2	26°32'41	2♊25	16°31	23°55	20°10	21°43	1°53	24°57	13°26	21°17	26°D13	24°51	15°57	n.a.	S 23
S 24	21 57 59	27°31'27	16°29	18°22	23°19	20°49	21°56	1°56	24°55	13°27	21°19	26°13	24°48	16° 4	n.a.	S 24
M25	22 1 56	28°30'14	0♋24	20°13	22°43	21°27	22° 9	1°58	24°53	13°28	21°21	26°15	24°45	16°11	n.a.	M25
T 26	22 5 52	29°29'04	14°10	22° 4	22° 8	22° 6	22°22	2° 1	24°51	13°29	21°23	26°16	24°42	16°17	n.a.	T 26
W27	22 9 49	0♍27'56	27°45	23°56	21°34	22°45	22°35	2° 3	24°49	13°30	21°26	26°R17	24°39	16°24	n.a.	W27
T 28	22 13 45	1°26'51	11♌ 9	25°47	21° 2	23°24	22°48	2° 5	24°47	13°31	21°28	26°16	24°35	16°31	n.a.	T 28
F 29	22 17 42	2°25'47	24°21	27°37	20°31	24° 2	23° 1	2° 8	24°45	13°32	21°30	26°13	24°32	16°38	n.a.	F 29
S 30	22 21 38	3°24'46	7♍20	29°27	20° 1	24°41	23°14	2°10	24°42	13°33	21°32	26° 9	24°29	16°44	n.a.	S 30
S 31	22 25 35	4♍23'47	20♍ 4	1♍17	19♌33	25♌20	23♌27	2♊12	24♓40	13♏34	21♍35	26♉ 2	24♉26	16♏51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n11	14n39	1s44	19n32	2s30	5n 6	5s53	20n 5	1n10	16n54	1n 2	18n53	1s37	2s28	0s45	14s18	1n47	19n11	16n51	21s 4	21s10	20s44		n.a.
S 2	18 57	9 19	2 50	19 50	2 12	4 55	6 5	19 55	1 10	16 50	1 2	18 54	1 38	2 28	0 45	14 18	1 46	19 10	16 50	21 4	21 11	20 46		n.a.
S 3	18 42	3 43	3 45	20 6	1 54	4 46	6 17	19 45	1 10	16 46	1 2	18 55	1 38	2 29	0 45	14 18	1 46	19 9	16 50	21 4	21 11	20 47		n.a.
M 4	18 27	1s54	4 28	20 22	1 36	4 37	6 29	19 35	1 10	16 42	1 2	18 56	1 38	2 30	0 45	14 18	1 46	19 8	16 50	21 5	21 12	20 49		n.a.
T 5	18 12	7 18	4 58	20 36	1 18	4 30	6 41	19 25	1 10	16 38	1 2	18 56	1 38	2 30	0 45	14 18	1 46	19 7	16 49	21 5	21 13	20 51		n.a.
W 6	17 56	12 21	5 13	20 48	1 1	4 23	6 53	19 15	1 9	16 34	1 2	18 57	1 38	2 31	0 45	14 18	1 46	19 6	16 49	21 5	21 13	20 53		n.a.
T 7	17 40	16 51	5 15	20 58	0 44	4 18	7 4	19 4	1 9	16 30	1 2	18 58	1 38	2 31	0 45	14 19	1 46	19 5	16 49	21 5	21 14	20 55		n.a.
F 8	17 24	20 41	5 3	21 6	0 27	4 14	7 15	18 54	1 9	16 26	1 2	18 59	1 38	2 32	0 45	14 19	1 46	19 4	16 48	21 6	21 14	20 56		n.a.
S 9	17 7	23 40	4 38	21 12	0 11	4 10	7 26	18 43	1 9	16 22	1 2	19 0	1 38	2 33	0 45	14 19	1 46	19 3	16 48	21 5	21 15	20 58		n.a.
S 10	16 50	25 38	4 1	21 15	0n 4	4 8	7 36	18 32	1 9	16 18	1 2	19 0	1 38	2 33	0 45	14 19	1 46	19 1	16 48	21 5	21 16	21 0		n.a.
M11	16 33	26 26	3 13	21 16	0 18	4 8	7 46	18 21	1 9	16 14	1 2	19 1	1 38	2 34	0 45	14 19	1 46	19 0	16 47	21 5	21 16	21 2		n.a.
T 12	16 16	25 57	2 15	21 13	0 31	4 8	7 55	18 10	1 9	16 10	1 2	19 2	1 38	2 35	0 46	14 19	1 46	18 59	16 47	21 5	21 17	21 4		n.a.
W13	15 58	24 9	1 10	21 8	0 43	4 10	8 4	17 59	1 9	16 6	1 2	19 2	1 39	2 36	0 46	14 20	1 46	18 58	16 47	21 4	21 17	21 5		n.a.
T 14	15 40	21 3	0n 0	21 0	0 54	4 12	8 12	17 47	1 9	16 1	1 2	19 3	1 39	2 36	0 46	14 20	1 46	18 57	16 46	21 4	21 18	21 7		n.a.
F 15	15 22	16 50	1 12	20 50	1 4	4 16	8 19	17 36	1 9	15 57	1 2	19 4	1 39	2 37	0 46	14 20	1 46	18 56	16 46	21 4	21 19	21 9		n.a.
S 16	15 4	11 40	2 22	20 36	1 13	4 21	8 25	17 24	1 9	15 53	1 2	19 4	1 39	2 38	0 46	14 20	1 46	18 55	16 46	21 5	21 19	21 11		n.a.
S 17	14 45	5 50	3 25	20 19	1 21	4 28	8 31	17 13	1 9	15 49	1 2	19 5	1 39	2 39	0 46	14 21	1 45	18 54	16 46	21 5	21 20	21 12		n.a.
M18	14 26	0n22	4 16	20 0	1 28	4 35	8 35	17 1	1 9	15 45	1 2	19 6	1 39	2 39	0 46	14 21	1 45	18 53	16 45	21 6	21 20	21 14		n.a.
T 19	14 7	6 37	4 52	19 38	1 34	4 43	8 39	16 49	1 9	15 41	1 2	19 6	1 39	2 40	0 46	14 21	1 45	18 52	16 45	21 7	21 21	21 16		n.a.
W20	13 48	12 33	5 11	19 13	1 39	4 52	8 42	16 37	1 9	15 37	1 2	19 7	1 39	2 41	0 46	14 21	1 45	18 51	16 45	21 7	21 21	21 18		n.a.
T 21	13 28	17 50	5 10	18 46	1 43	5 2	8 44	16 25	1 9	15 32	1 2	19 7	1 39	2 42	0 46	14 22	1 45	18 49	16 45	21 8	21 22	21 19		n.a.
F 22	13 8	22 5	4 50	18 17	1 46	5 13	8 45	16 12	1 9	15 28	1 2	19 8	1 39	2 43	0 46	14 22	1 45	18 48	16 44	21 8	21 23	21 21		n.a.
S 23	12 48	25 0	4 13	17 46	1 48	5 25	8 46	16 0	1 8	15 24	1 3	19 8	1 40	2 43	0 46	14 22	1 45	18 47	16 44	21 8	21 23	21 23		n.a.
S 24	12 28	26 19	3 20	17 13	1 50	5 38	8 45	15 47	1 8	15 20	1 3	19 8	1 40	2 44	0 46	14 23	1 45	18 46	16 44	21 8	21 24	21 24		n.a.
M25	12 7	25 58	2 17	16 39	1 50	5 51	8 43	15 35	1 8	15 16	1 3	19 9	1 40	2 45	0 46	14 23	1 45	18 45	16 44	21 8	21 24	21 26		n.a.
T 26	11 47	24 1	1 6	16 2	1 50	6 4	8 40	15 22	1 8	15 11	1 3	19 9	1 40	2 46	0 46	14 23	1 45	18 44	16 44	21 7	21 25	21 28		n.a.
W27	11 26	20 42	0s 8	15 25	1 50	6 18	8 37	15 9	1 8	15 7	1 3	19 10	1 40	2 47	0 46	14 24	1 45	18 43	16 43	21 7	21 26	21 29		n.a.
T 28	11 4	16 20	1 20	14 46	1 48	6 33	8 32	14 56	1 8	15 3	1 3	19 10	1 40	2 48	0 46	14 24	1 45	18 42	16 43	21 7	21 26	21 31		n.a.
F 29	10 43	11 14	2 27	14 6	1 47	6 47	8 27	14 43	1 8	14 59	1 3	19 10	1 40	2 49	0 46	14 24	1 45	18 41	16 43	21 8	21 27	21 33		n.a.
S 30	10 22	5 45	3 24	13 25	1 44	7 2	8 21	14 30	1 8	14 54	1 3	19 11	1 40	2 49	0 46	14 25	1 45	18 40	16 43	21 9	21 27	21 34		n.a.
S 31	10n 0	0n 8	4s11	12n43	1n42	7n17	8s14	14n17	1n 8	14n50	1n 3	19n11	1s40	2s50	0s46	14s25	1n45	18n39	16n43	21s10	21s28	21s36		n.a.

Julian Day Number = 1720904.5, Delta T = 02h56m01s
Ecliptic obliquity = 23°41'46, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°04'52, Lahiri = - 3°57'51 Julian Calendar 1 Aug. 2 BCE == Greg. Calendar 30 July 002 BCE

The year -01 astronomical counting style corresponds to year 002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2 BCE
geocentric

SEPTEMBER 2 BCE (-1) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 29 31	5♍22'50	2♎35	3♍ 5	19°R 7	25♌59	23♌40	2♊13	24°R38	13♏35	21♍37	25°R55	24♉23	16♏58	n.a.	M 1
T 2	22 33 28	6°21'54	14°53	4°53	18♌44	26°37	23°53	2°15	24♓36	13°36	21°39	25♉48	24°19	17° 4	n.a.	T 2
W 3	22 37 25	7°21'01	26°59	6°41	18°22	27°16	24° 6	2°17	24°33	13°37	21°42	25°41	24°16	17°11	n.a.	W 3
T 4	22 41 21	8°20'10	8♏57	8°27	18° 3	27°55	24°19	2°18	24°31	13°38	21°44	25°36	24°13	17°18	n.a.	T 4
F 5	22 45 18	9°19'20	20°49	10°13	17°45	28°34	24°31	2°20	24°29	13°40	21°46	25°32	24°10	17°24	n.a.	F 5
S 6	22 49 14	10°18'33	2♐40	11°58	17°31	29°13	24°44	2°21	24°26	13°41	21°49	25°30	24° 7	17°31	n.a.	S 6
S 7	22 53 11	11°17'48	14°35	13°42	17°18	29°52	24°57	2°22	24°24	13°42	21°51	25°D30	24° 4	17°38	n.a.	S 7
M 8	22 57 7	12°17'04	26°39	15°25	17° 8	0♑31	25°10	2°23	24°22	13°43	21°53	25°30	24° 0	17°45	n.a.	M 8
T 9	23 1 4	13°16'22	8♉56	17° 7	17° 1	1°10	25°22	2°24	24°19	13°45	21°56	25°32	23°57	17°51	n.a.	T 9
W10	23 5 0	14°15'43	21°32	18°49	16°55	1°49	25°35	2°25	24°17	13°46	21°58	25°R33	23°54	17°58	n.a.	W10
T 11	23 8 57	15°15'05	4♒31	20°30	16°53	2°28	25°48	2°26	24°14	13°47	22° 1	25°32	23°51	18° 5	n.a.	T 11
F 12	23 12 53	16°14'29	17°54	22°10	16°D52	3° 7	26° 0	2°27	24°12	13°49	22° 3	25°30	23°48	18°11	n.a.	F 12
S 13	23 16 50	17°13'54	1♓42	23°49	16°54	3°46	26°13	2°27	24°10	13°50	22° 5	25°26	23°45	18°18	n.a.	S 13
S 14	23 20 47	18°13'22	15°53	25°28	16°59	4°25	26°26	2°28	24° 7	13°52	22° 8	25°19	23°41	18°25	n.a.	S 14
M15	23 24 43	19°12'52	0♈23	27° 6	17° 5	5° 4	26°38	2°28	24° 5	13°53	22°10	25°11	23°38	18°32	n.a.	M15
T 16	23 28 40	20°12'24	15° 4	28°43	17°14	5°43	26°51	2°28	24° 2	13°55	22°12	25° 2	23°35	18°38	n.a.	T 16
W17	23 32 36	21°11'59	29°49	0♎19	17°26	6°22	27° 3	2°R28	24° 0	13°56	22°15	24°54	23°32	18°45	n.a.	W17
T 18	23 36 33	22°11'36	14♉31	1°55	17°39	7° 1	27°15	2°28	23°57	13°58	22°17	24°47	23°29	18°52	n.a.	T 18
F 19	23 40 29	23°11'15	29° 1	3°30	17°54	7°40	27°28	2°28	23°55	13°59	22°20	24°42	23°25	18°58	n.a.	F 19
S 20	23 44 26	24°10'57	13♊18	5° 5	18°12	8°19	27°40	2°28	23°52	14° 1	22°22	24°40	23°22	19° 5	n.a.	S 20
S 21	23 48 22	25°10'41	27°18	6°39	18°31	8°58	27°52	2°28	23°50	14° 2	22°24	24°D39	23°19	19°12	n.a.	S 21
M22	23 52 19	26°10'27	11♋ 2	8°12	18°52	9°38	28° 5	2°27	23°48	14° 4	22°27	24°40	23°16	19°19	n.a.	M22
T 23	23 56 16	27°10'16	24°30	9°45	19°16	10°17	28°17	2°26	23°45	14° 6	22°29	24°R40	23°13	19°25	n.a.	T 23
W24	0 0 12	28°10'07	7♌44	11°17	19°41	10°56	28°29	2°26	23°43	14° 7	22°32	24°39	23°10	19°32	n.a.	W24
T 25	0 4 9	29°10'01	20°45	12°48	20° 7	11°35	28°41	2°25	23°40	14° 9	22°34	24°36	23° 6	19°39	n.a.	T 25
F 26	0 8 5	0♎ 9'56	3♍36	14°19	20°36	12°15	28°53	2°24	23°38	14°11	22°36	24°31	23° 3	19°45	n.a.	F 26
S 27	0 12 2	1° 9'54	16°15	15°49	21° 6	12°54	29° 5	2°23	23°35	14°13	22°39	24°22	23° 0	19°52	n.a.	S 27
S 28	0 15 58	2° 9'53	28°44	17°19	21°37	13°33	29°17	2°22	23°33	14°14	22°41	24°11	22°57	19°59	n.a.	S 28
M29	0 19 55	3° 9'55	11♎ 3	18°48	22°10	14°13	29°29	2°21	23°31	14°16	22°44	23°58	22°54	20° 6	n.a.	M29
T 30	0 23 51	4♎ 9'59	23♎13	20♎17	22♌44	14♍52	29♌41	2♊19	23♓28	14♏18	22♍46	23♉45	22♉50	20♏12	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	9n38	5s22	4s44	12n 0	1n38	7n32	8s 7	14n 3	1n 8	14n46	1n 3	19n11	1s41	2s51	0s46	14s25	1n45	18n38	16n43	21s11	21s28	21s38		n.a.
T 2	9 16	10 35	5 3	11 17	1 35	7 47	7 59	13 50	1 7	14 42	1 3	19 11	1 41	2 52	0 46	14 26	1 45	18 36	16 42	21 13	21 29	21 39		n.a.
W 3	8 54	15 18	5 9	10 33	1 31	8 2	7 50	13 36	1 7	14 38	1 3	19 12	1 41	2 53	0 46	14 26	1 44	18 35	16 42	21 14	21 29	21 41		n.a.
T 4	8 32	19 22	5 1	9 49	1 26	8 16	7 41	13 22	1 7	14 33	1 3	19 12	1 41	2 54	0 46	14 27	1 44	18 34	16 42	21 15	21 30	21 43		n.a.
F 5	8 10	22 38	4 40	9 4	1 22	8 31	7 31	13 9	1 7	14 29	1 3	19 12	1 41	2 55	0 46	14 27	1 44	18 33	16 42	21 16	21 31	21 44		n.a.
S 6	7 47	24 57	4 7	8 20	1 17	8 45	7 21	12 55	1 7	14 25	1 4	19 12	1 41	2 56	0 46	14 27	1 44	18 32	16 42	21 16	21 31	21 46		n.a.
S 7	7 24	26 9	3 23	7 34	1 11	8 58	7 11	12 41	1 7	14 21	1 4	19 12	1 41	2 57	0 46	14 28	1 44	18 31	16 42	21 16	21 32	21 48		n.a.
M 8	7 1	26 9	2 30	6 49	1 6	9 12	7 0	12 27	1 7	14 16	1 4	19 12	1 41	2 58	0 46	14 28	1 44	18 30	16 42	21 16	21 32	21 49		n.a.
T 9	6 39	24 52	1 28	6 4	1 0	9 24	6 49	12 13	1 7	14 12	1 4	19 13	1 41	2 59	0 46	14 29	1 44	18 29	16 42	21 16	21 33	21 51		n.a.
W10	6 15	22 18	0 22	5 18	0 54	9 37	6 38	11 59	1 6	14 8	1 4	19 13	1 42	3 0	0 46	14 29	1 44	18 28	16 42	21 16	21 33	21 52		n.a.
T 11	5 52	18 34	0n48	4 33	0 48	9 48	6 26	11 44	1 6	14 4	1 4	19 13	1 42	3 1	0 46	14 30	1 44	18 27	16 42	21 16	21 34	21 54		n.a.
F 12	5 29	13 46	1 57	3 47	0 42	10 0	6 14	11 30	1 6	13 59	1 4	19 13	1 42	3 2	0 46	14 30	1 44	18 26	16 42	21 16	21 35	21 56		n.a.
S 13	5 6	8 10	3 2	3 2	0 36	10 10	6 3	11 15	1 6	13 55	1 4	19 13	1 42	3 3	0 46	14 31	1 44	18 25	16 41	21 17	21 35	21 57		n.a.
S 14	4 42	2 0	3 56	2 16	0 29	10 20	5 51	11 1	1 6	13 51	1 4	19 13	1 42	3 4	0 46	14 31	1 44	18 24	16 41	21 18	21 36	21 59		n.a.
M15	4 19	4n23	4 37	1 31	0 23	10 30	5 39	10 46	1 6	13 47	1 4	19 13	1 42	3 5	0 46	14 32	1 44	18 23	16 41	21 20	21 36	22 0		n.a.
T 16	3 55	10 36	5 0	0 46	0 16	10 39	5 27	10 32	1 6	13 42	1 5	19 13	1 42	3 6	0 46	14 32	1 44	18 22	16 41	21 21	21 37	22 2		n.a.
W17	3 32	16 15	5 4	0 1	0 10	10 47	5 15	10 17	1 5	13 38	1 5	19 12	1 42	3 7	0 46	14 33	1 44	18 21	16 41	21 23	21 37	22 3		n.a.
T 18	3 8	20 56	4 47	0s44	0 3	10 54	5 3	10 2	1 5	13 34	1 5	19 12	1 42	3 8	0 46	14 33	1 44	18 20	16 41	21 24	21 38	22 5		n.a.
F 19	2 44	24 15	4 12	1 28	0s 4	11 1	4 51	9 47	1 5	13 30	1 5	19 12	1 42	3 9	0 46	14 34	1 44	18 19	16 41	21 25	21 38	22 6		n.a.
S 20	2 20	25 59	3 22	2 12	0 11	11 7	4 39	9 32	1 5	13 26	1 5	19 12	1 43	3 10	0 46	14 34	1 44	18 18	16 41	21 25	21 39	22 8		n.a.
S 21	1 56	26 1	2 21	2 56	0 18	11 12	4 28	9 17	1 5	13 21	1 5	19 12	1 43	3 11	0 46	14 35	1 43	18 18	16 41	21 25	21 39	22 9		n.a.
M22	1 32	24 26	1 12	3 40	0 24	11 16	4 16	9 2	1 5	13 17	1 5	19 12	1 43	3 11	0 46	14 35	1 43	18 17	16 41	21 25	21 40	22 11		n.a.
T 23	1 8	21 28	0 1	4 23	0 31	11 20	4 4	8 47	1 4	13 13	1 5	19 11	1 43	3 12	0 46	14 36	1 43	18 16	16 42	21 25	21 41	22 13		n.a.
W24	0 44	17 25	1s 9	5 5	0 38	11 23	3 53	8 32	1 4	13 9	1 6	19 11	1 43	3 13	0 46	14 36	1 43	18 15	16 42	21 25	21 41	22 14		n.a.
T 25	0 20	12 37	2 14	5 48	0 45	11 26	3 42	8 17	1 4	13 5	1 6	19 11	1 43	3 14	0 46	14 37	1 43	18 14	16 42	21 26	21 42	22 16		n.a.
F 26	0s 4	7 20	3 11	6 30	0 52	11 28	3 30	8 1	1 4	13 1	1 6	19 11	1 43	3 15	0 46	14 37	1 43	18 13	16 42	21 27	21 42	22 17		n.a.
S 27	0 28	1 50	3 58	7 11	0 58	11 28	3 19	7 46	1 4	12 57	1 6	19 10	1 43	3 16	0 46	14 38	1 43	18 12	16 42	21 28	21 43	22 19		n.a.
S 28	0 52	3s39	4 32	7 52	1 5	11 29	3 8	7 30	1 3	12 53	1 6	19 10	1 43	3 17	0 46	14 39	1 43	18 11	16 42	21 30	21 43	22 20		n.a.
M29	1 16	8 55	4 54	8 33	1 11	11 28	2 58	7 15	1 3	12 48	1 6	19 10	1 43	3 18	0 46	14 39	1 43	18 10	16 42	21 33	21 44	22 22		n.a.
T 30	1s40	13s46	5s 1	9s12	1s18	11n27	2s47	6n59	1n 3	12n44	1n 6	19n 9	1s44	3s19	0s46	14s40	1n43	18n10	16n42	21s35	21s44	22s23		n.a.

Julian Day Number = 1720935.5, Delta T = 02h56m00s
Ecliptic obliquity = 23°41'47, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°04'47, Lahiri = - 3°57'47 Julian Calendar 1 Sept. 2 BCE == Greg. Calendar 30 Aug. 002 BCE

The year -01 astronomical counting style corresponds to year 002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2 BCE
geocentric

OCTOBER 2 BCE (-1) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 27 48	5♎10'04	5♏15	21♎45	23♌20	15♍32	29♌53	2°R18	23°R26	14♏20	22♍48	23°R32	22♑47	20♏19	n.a.	W 1
T 2	0 31 44	6°10'12	17° 9	23°12	23°57	16°11	0♍ 4	2♊16	23♓23	14°22	22°51	23♑21	22°44	20°26	n.a.	T 2
F 3	0 35 41	7°10'21	28°59	24°39	24°36	16°50	0°16	2°14	23°21	14°24	22°53	23°12	22°41	20°32	n.a.	F 3
S 4	0 39 38	8°10'32	10♐48	26° 5	25°15	17°30	0°28	2°13	23°19	14°25	22°55	23° 6	22°38	20°39	n.a.	S 4
S 5	0 43 34	9°10'45	22°40	27°31	25°56	18° 9	0°39	2°11	23°16	14°27	22°58	23° 3	22°35	20°46	n.a.	S 5
M 6	0 47 31	10°10'59	4♑40	28°55	26°38	18°49	0°50	2° 9	23°14	14°29	23° 0	23° 2	22°31	20°52	n.a.	M 6
T 7	0 51 27	11°11'15	16°53	0♏19	27°21	19°29	1° 2	2° 7	23°12	14°31	23° 2	23° 2	22°28	20°59	n.a.	T 7
W 8	0 55 24	12°11'33	29°25	1°42	28° 5	20° 8	1°13	2° 4	23° 9	14°33	23° 5	23° 2	22°25	21° 6	n.a.	W 8
T 9	0 59 20	13°11'52	12♒20	3° 5	28°50	20°48	1°24	2° 2	23° 7	14°35	23° 7	23° 0	22°22	21°13	n.a.	T 9
F 10	1 3 17	14°12'12	25°44	4°26	29°36	21°27	1°36	2° 0	23° 5	14°37	23° 9	22°57	22°19	21°19	n.a.	F 10
S 11	1 7 13	15°12'35	9♓36	5°46	0♍23	22° 7	1°47	1°57	23° 3	14°39	23°11	22°51	22°16	21°26	n.a.	S 11
S 12	1 11 10	16°12'58	23°58	7° 5	1°11	22°47	1°58	1°54	23° 0	14°41	23°14	22°42	22°12	21°33	n.a.	S 12
M13	1 15 7	17°13'23	8♈43	8°23	2° 0	23°26	2° 9	1°52	22°58	14°43	23°16	22°31	22° 9	21°39	n.a.	M13
T 14	1 19 3	18°13'50	23°46	9°39	2°49	24° 6	2°19	1°49	22°56	14°45	23°18	22°20	22° 6	21°46	n.a.	T 14
W15	1 23 0	19°14'19	8♉55	10°54	3°40	24°46	2°30	1°46	22°54	14°47	23°20	22° 8	22° 3	21°53	n.a.	W15
T 16	1 26 56	20°14'50	24° 1	12° 7	4°31	25°25	2°41	1°43	22°52	14°50	23°23	21°59	22° 0	22° 0	n.a.	T 16
F 17	1 30 53	21°15'22	8♊54	13°18	5°23	26° 5	2°52	1°40	22°50	14°52	23°25	21°51	21°56	22° 6	n.a.	F 17
S 18	1 34 49	22°15'57	23°26	14°26	6°16	26°45	3° 2	1°37	22°48	14°54	23°27	21°47	21°53	22°13	n.a.	S 18
S 19	1 38 46	23°16'33	7♋36	15°32	7°10	27°25	3°12	1°34	22°46	14°56	23°29	21°45	21°50	22°20	n.a.	S 19
M20	1 42 42	24°17'11	21°22	16°36	8° 4	28° 5	3°23	1°30	22°44	14°58	23°31	21°45	21°47	22°26	n.a.	M20
T 21	1 46 39	25°17'51	4♌45	17°36	8°59	28°44	3°33	1°27	22°42	15° 0	23°33	21°45	21°44	22°33	n.a.	T 21
W22	1 50 36	26°18'33	17°49	18°32	9°54	29°24	3°43	1°23	22°40	15° 2	23°35	21°44	21°41	22°40	n.a.	W22
T 23	1 54 32	27°19'17	0♍37	19°24	10°50	0♎ 4	3°53	1°20	22°38	15° 5	23°37	21°40	21°37	22°46	n.a.	T 23
F 24	1 58 29	28°20'02	13°11	20°12	11°47	0°44	4° 3	1°16	22°36	15° 7	23°40	21°34	21°34	22°53	n.a.	F 24
S 25	2 2 25	29°20'48	25°34	20°54	12°44	1°24	4°13	1°12	22°34	15° 9	23°42	21°24	21°31	23° 0	n.a.	S 25
S 26	2 6 22	0♏21'37	7♎49	21°30	13°42	2° 4	4°23	1° 8	22°32	15°11	23°44	21°12	21°28	23° 7	n.a.	S 26
M27	2 10 18	1°22'27	19°56	21°59	14°41	2°44	4°33	1° 4	22°31	15°13	23°46	20°58	21°25	23°13	n.a.	M27
T 28	2 14 15	2°23'18	1♏57	22°21	15°39	3°24	4°42	1° 0	22°29	15°16	23°48	20°43	21°22	23°20	n.a.	T 28
W29	2 18 11	3°24'11	13°52	22°35	16°39	4° 4	4°52	0°56	22°27	15°18	23°50	20°29	21°18	23°27	n.a.	W29
T 30	2 22 8	4°25'05	25°44	22°R39	17°39	4°44	5° 1	0°52	22°26	15°20	23°52	20°16	21°15	23°33	n.a.	T 30
F 31	2 26 5	5♏26'00	7♐33	22♏34	18♍39	5♎25	5♍10	0♊48	22♓24	15♏22	23♍54	20♑ 6	21♑12	23♏40	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2s 4	18s 2	4s55	9s52	1s24	11n25	2s37	6n44	1n 3	12n40	1n 7	19n 9	1s44	3s20	0s46	14s40	1n43	18n 9	16n42	21s37	21s45	22s24		n.a.
T 2	2 29	21 32	4 36	10 31	1 30	11 23	2 26	6 28	1 3	12 36	1 7	19 9	1 44	3 21	0 46	14 41	1 43	18 8	16 42	21 39	21 45	22 26		n.a.
F 3	2 53	24 8	4 5	11 9	1 36	11 19	2 16	6 12	1 2	12 32	1 7	19 8	1 44	3 22	0 46	14 41	1 43	18 7	16 43	21 41	21 46	22 27		n.a.
S 4	3 17	25 40	3 24	11 46	1 42	11 16	2 6	5 57	1 2	12 28	1 7	19 8	1 44	3 23	0 46	14 42	1 43	18 6	16 43	21 42	21 46	22 29		n.a.
S 5	3 41	26 3	2 33	12 23	1 48	11 11	1 57	5 41	1 2	12 24	1 7	19 7	1 44	3 24	0 46	14 43	1 43	18 5	16 43	21 42	21 47	22 30		n.a.
M 6	4 4	25 12	1 36	12 59	1 54	11 6	1 47	5 25	1 2	12 20	1 7	19 7	1 44	3 25	0 46	14 43	1 43	18 5	16 43	21 42	21 47	22 32		n.a.
T 7	4 28	23 9	0 33	13 34	1 59	11 0	1 38	5 9	1 1	12 16	1 7	19 6	1 44	3 26	0 46	14 44	1 43	18 4	16 43	21 42	21 48	22 33		n.a.
W 8	4 52	19 57	0n34	14 8	2 4	10 53	1 29	4 53	1 1	12 12	1 8	19 6	1 44	3 27	0 46	14 44	1 43	18 3	16 43	21 42	21 49	22 35		n.a.
T 9	5 16	15 41	1 40	14 41	2 9	10 46	1 20	4 37	1 1	12 9	1 8	19 5	1 44	3 27	0 46	14 45	1 43	18 2	16 44	21 43	21 49	22 36		n.a.
F 10	5 40	10 31	2 44	15 14	2 14	10 38	1 11	4 21	1 1	12 5	1 8	19 5	1 44	3 28	0 46	14 46	1 43	18 2	16 44	21 43	21 50	22 37		n.a.
S 11	6 3	4 40	3 40	15 45	2 18	10 29	1 2	4 5	1 1	12 1	1 8	19 4	1 44	3 29	0 46	14 46	1 43	18 1	16 44	21 44	21 50	22 39		n.a.
S 12	6 27	1n36	4 24	16 16	2 22	10 20	0 54	3 49	1 0	11 57	1 8	19 4	1 44	3 30	0 46	14 47	1 43	18 0	16 44	21 46	21 51	22 40		n.a.
M13	6 50	7 57	4 51	16 45	2 26	10 10	0 45	3 33	1 0	11 53	1 8	19 3	1 45	3 31	0 46	14 48	1 43	18 0	16 44	21 48	21 51	22 42		n.a.
T 14	7 13	13 57	5 0	17 13	2 29	10 0	0 37	3 17	1 0	11 49	1 9	19 2	1 45	3 32	0 46	14 48	1 43	17 59	16 45	21 49	21 52	22 43		n.a.
W15	7 37	19 9	4 47	17 40	2 32	9 49	0 29	3 1	1 0	11 46	1 9	19 2	1 45	3 33	0 46	14 49	1 43	17 58	16 45	21 51	21 52	22 44		n.a.
T 16	8 0	23 5	4 15	18 5	2 35	9 37	0 22	2 45	0 59	11 42	1 9	19 1	1 45	3 33	0 46	14 50	1 43	17 58	16 45	21 53	21 53	22 46		n.a.
F 17	8 23	25 24	3 25	18 29	2 37	9 25	0 14	2 28	0 59	11 38	1 9	19 0	1 45	3 34	0 46	14 50	1 43	17 57	16 45	21 54	21 53	22 47		n.a.
S 18	8 46	25 55	2 23	18 51	2 38	9 12	0 7	2 12	0 59	11 35	1 9	19 0	1 45	3 35	0 45	14 51	1 42	17 56	16 46	21 55	21 54	22 48		n.a.
S 19	9 8	24 42	1 14	19 12	2 39	8 59	0n 0	1 56	0 58	11 31	1 10	18 59	1 45	3 36	0 45	14 51	1 42	17 56	16 46	21 55	21 54	22 50		n.a.
M20	9 31	22 1	0 2	19 31	2 39	8 45	0 7	1 40	0 58	11 27	1 10	18 58	1 45	3 37	0 45	14 52	1 42	17 55	16 46	21 55	21 55	22 51		n.a.
T 21	9 53	18 11	1s 8	19 48	2 39	8 30	0 14	1 23	0 58	11 24	1 10	18 58	1 45	3 37	0 45	14 53	1 42	17 54	16 47	21 55	21 55	22 52		n.a.
W22	10 16	13 33	2 13	20 3	2 38	8 15	0 21	1 7	0 58	11 20	1 10	18 57	1 45	3 38	0 45	14 53	1 42	17 54	16 47	21 55	21 56	22 54		n.a.
T 23	10 38	8 25	3 10	20 15	2 36	8 0	0 27	0 51	0 57	11 17	1 10	18 56	1 45	3 39	0 45	14 54	1 42	17 53	16 47	21 56	21 56	22 55		n.a.
F 24	11 0	3 3	3 56	20 26	2 32	7 44	0 33	0 34	0 57	11 13	1 10	18 55	1 45	3 40	0 45	14 55	1 42	17 53	16 47	21 57	21 57	22 56		n.a.
S 25	11 22	2s21	4 30	20 33	2 28	7 27	0 40	0 18	0 57	11 10	1 11	18 54	1 45	3 40	0 45	14 55	1 42	17 52	16 48	21 58	21 57	22 58		n.a.
S 26	11 43	7 35	4 52	20 38	2 23	7 10	0 45	0 2	0 56	11 6	1 11	18 54	1 45	3 41	0 45	14 56	1 42	17 52	16 48	22 0	21 58	22 59		n.a.
M27	12 5	12 29	5 0	20 40	2 17	6 53	0 51	0s15	0 56	11 3	1 11	18 53	1 45	3 42	0 45	14 57	1 42	17 51	16 48	22 3	21 58	23 0		n.a.
T 28	12 26	16 52	4 54	20 38	2 9	6 35	0 57	0 31	0 56	11 0	1 11	18 52	1 45	3 42	0 45	14 57	1 42	17 51	16 49	22 5	21 59	23 2		n.a.
W29	12 47	20 33	4 36	20 33	2 0	6 17	1 2	0 47	0 55	10 56	1 12	18 51	1 45	3 43	0 45	14 58	1 42	17 50	16 49	22 7	21 59	23 3		n.a.
T 30	13 8	23 22	4 5	20 24	1 50	5 58	1 7	1 4	0 55	10 53	1 12	18 50	1 45	3 44	0 45	14 59	1 42	17 50	16 50	22 9	22 0	23 4		n.a.
F 31	13s28	25s10	3s24	20s11	1s38	5n39	1n12	1s20	0n55	10n50	1n12	18n49	1s45	3s44	0s45	14s59	1n42	17n49	16n50	22s10	22s 0	23s 5		n.a.

Julian Day Number = 1720965.5, Delta T = 02h55m59s
Ecliptic obliquity = 23°41'46, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°04'43, Lahiri = - 3°57'43 Julian Calendar 1 Oct. 2 BCE == Greg. Calendar 29 Sept. 002 BCE

The year -01 astronomical counting style corresponds to year 002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2 BCE
geocentric

NOVEMBER 2 BCE (-1) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 30 1	6♏26'56	19♐22	22°R18	19♍40	6♎ 5	5♍19	0°R44	22°R22	15♏24	23♍55	19°R59	21♑ 9	23♏47	n.a.	S 1
S 2	2 33 58	7°27'53	1♑14	21♏52	20°41	6°45	5°28	0♊39	22♓21	15°27	23°57	19♑55	21° 6	23°53	n.a.	S 2
M 3	2 37 54	8°28'51	13°13	21°14	21°42	7°25	5°37	0°35	22°19	15°29	23°59	19°53	21° 2	24° 0	n.a.	M 3
T 4	2 41 51	9°29'50	25°24	20°26	22°44	8° 5	5°46	0°30	22°18	15°31	24° 1	19°D53	20°59	24° 7	n.a.	T 4
W 5	2 45 47	10°30'50	7♒51	19°27	23°47	8°46	5°55	0°26	22°17	15°33	24° 3	19°R54	20°56	24°14	n.a.	W 5
T 6	2 49 44	11°31'51	20°40	18°19	24°50	9°26	6° 3	0°21	22°15	15°36	24° 5	19°53	20°53	24°20	n.a.	T 6
F 7	2 53 40	12°32'52	3♓55	17° 4	25°53	10° 6	6°12	0°17	22°14	15°38	24° 6	19°51	20°50	24°27	n.a.	F 7
S 8	2 57 37	13°33'54	17°40	15°43	26°56	10°46	6°20	0°12	22°13	15°40	24° 8	19°47	20°47	24°34	n.a.	S 8
S 9	3 1 34	14°34'57	1♈55	14°21	28° 0	11°27	6°28	0° 8	22°11	15°43	24°10	19°40	20°43	24°40	n.a.	S 9
M10	3 5 30	15°36'00	16°39	12°58	29° 4	12° 7	6°36	0° 3	22°10	15°45	24°12	19°31	20°40	24°47	n.a.	M10
T 11	3 9 27	16°37'04	1♉45	11°39	0♎ 8	12°47	6°44	29♉58	22° 9	15°47	24°13	19°21	20°37	24°54	n.a.	T 11
W12	3 13 23	17°38'09	17° 4	10°25	1°13	13°28	6°52	29°53	22° 8	15°49	24°15	19°11	20°34	25° 0	n.a.	W12
T 13	3 17 20	18°39'15	2♊24	9°20	2°18	14° 8	7° 0	29°48	22° 7	15°52	24°16	19° 3	20°31	25° 7	n.a.	T 13
F 14	3 21 16	19°40'22	17°34	8°23	3°24	14°49	7° 7	29°44	22° 6	15°54	24°18	18°57	20°27	25°14	n.a.	F 14
S 15	3 25 13	20°41'29	2♋25	7°37	4°29	15°29	7°15	29°39	22° 5	15°56	24°20	18°53	20°24	25°21	n.a.	S 15
S 16	3 29 10	21°42'38	16°51	7° 3	5°35	16°10	7°22	29°34	22° 4	15°58	24°21	18°D52	20°21	25°27	n.a.	S 16
M17	3 33 6	22°43'47	0♌49	6°39	6°41	16°50	7°29	29°29	22° 3	16° 1	24°23	18°52	20°18	25°34	n.a.	M17
T 18	3 37 3	23°44'57	14°20	6°27	7°48	17°31	7°36	29°24	22° 2	16° 3	24°24	18°53	20°15	25°41	n.a.	T 18
W19	3 40 59	24°46'08	27°26	6°D24	8°54	18°11	7°43	29°19	22° 2	16° 5	24°26	18°R54	20°12	25°47	n.a.	W19
T 20	3 44 56	25°47'20	10♍11	6°32	10° 1	18°52	7°50	29°14	22° 1	16° 7	24°27	18°53	20° 8	25°54	n.a.	T 20
F 21	3 48 52	26°48'33	22°39	6°49	11° 9	19°33	7°56	29° 9	22° 0	16°10	24°28	18°49	20° 5	26° 1	n.a.	F 21
S 22	3 52 49	27°49'46	4♎54	7°13	12°16	20°13	8° 3	29° 4	22° 0	16°12	24°30	18°43	20° 2	26° 7	n.a.	S 22
S 23	3 56 45	28°51'00	16°59	7°46	13°24	20°54	8° 9	28°59	21°59	16°14	24°31	18°35	19°59	26°14	n.a.	S 23
M24	4 0 42	29°52'15	28°57	8°24	14°31	21°35	8°15	28°54	21°59	16°16	24°32	18°26	19°56	26°21	n.a.	M24
T 25	4 4 39	0♐53'30	10♏51	9° 9	15°39	22°15	8°21	28°49	21°58	16°18	24°34	18°16	19°53	26°28	n.a.	T 25
W26	4 8 35	1°54'45	22°42	9°59	16°48	22°56	8°27	28°44	21°58	16°21	24°35	18° 7	19°49	26°34	n.a.	W26
T 27	4 12 32	2°56'01	4♐33	10°53	17°56	23°37	8°32	28°39	21°57	16°23	24°36	17°58	19°46	26°41	n.a.	T 27
F 28	4 16 28	3°57'17	16°23	11°52	19° 5	24°18	8°38	28°34	21°57	16°25	24°37	17°51	19°43	26°48	n.a.	F 28
S 29	4 20 25	4°58'34	28°17	12°54	20°13	24°58	8°43	28°29	21°57	16°27	24°38	17°47	19°40	26°54	n.a.	S 29
S 30	4 24 21	5♐59'50	10♑14	13♏59	21♎22	25♎39	8♍48	28♉24	21♓56	16♏29	24♍39	17♑45	19♑37	27♏ 1	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	13 s49	25 s50	2 s34	19 s54	1 s24	5n19	1n17	1 s36	0n55	10n47	1n12	18n48	1 s45	3 s45	0 s45	15 s 0	1n42	17n49	16n50	22 s11	22 s 1	23 s 7		n.a.	S 1
S 2	14 9	25 19	1 37	19 32	1 9	4 59	1 22	1 53	0 54	10 43	1 12	18 48	1 45	3 45	0 45	15 1	1 42	17 49	16 51	22 12	22 1	23 8		n.a.	S 2
M 3	14 29	23 37	0 35	19 6	0 52	4 39	1 27	2 9	0 54	10 40	1 13	18 47	1 45	3 46	0 45	15 1	1 42	17 48	16 51	22 12	22 2	23 9		n.a.	M 3
T 4	14 49	20 49	0n29	18 35	0 34	4 18	1 31	2 25	0 54	10 37	1 13	18 46	1 45	3 46	0 45	15 2	1 42	17 48	16 51	22 12	22 2	23 10		n.a.	T 4
W 5	15 8	16 59	1 34	18 1	0 15	3 57	1 35	2 42	0 53	10 34	1 13	18 45	1 45	3 47	0 45	15 3	1 42	17 47	16 52	22 12	22 3	23 12		n.a.	W 5
T 6	15 27	12 18	2 36	17 23	0n 6	3 36	1 39	2 58	0 53	10 31	1 13	18 44	1 45	3 48	0 45	15 3	1 42	17 47	16 52	22 12	22 3	23 13		n.a.	T 6
F 7	15 46	6 53	3 32	16 42	0 26	3 14	1 43	3 14	0 52	10 28	1 14	18 43	1 45	3 48	0 45	15 4	1 42	17 47	16 53	22 13	22 4	23 14		n.a.	F 7
S 8	16 5	0 59	4 18	15 59	0 47	2 52	1 47	3 31	0 52	10 25	1 14	18 42	1 45	3 48	0 45	15 5	1 42	17 46	16 53	22 13	22 4	23 15		n.a.	S 8
S 9	16 23	5n11	4 49	15 15	1 7	2 29	1 50	3 47	0 52	10 23	1 14	18 41	1 45	3 49	0 45	15 5	1 42	17 46	16 54	22 14	22 5	23 17		n.a.	S 9
M10	16 41	11 16	5 3	14 32	1 26	2 7	1 54	4 3	0 51	10 20	1 14	18 40	1 45	3 49	0 45	15 6	1 42	17 46	16 54	22 16	22 5	23 18		n.a.	M10
T 11	16 59	16 50	4 56	13 51	1 43	1 44	1 57	4 19	0 51	10 17	1 14	18 39	1 45	3 50	0 45	15 7	1 42	17 46	16 54	22 17	22 6	23 19		n.a.	T 11
W12	17 16	21 24	4 29	13 14	1 59	1 21	2 0	4 36	0 51	10 14	1 15	18 38	1 45	3 50	0 45	15 7	1 42	17 45	16 55	22 18	22 6	23 20		n.a.	W12
T 13	17 34	24 29	3 42	12 40	2 12	0 57	2 3	4 52	0 50	10 12	1 15	18 37	1 45	3 51	0 45	15 8	1 42	17 45	16 55	22 20	22 7	23 21		n.a.	T 13
F 14	17 50	25 45	2 39	12 11	2 24	0 34	2 6	5 8	0 50	10 9	1 15	18 36	1 45	3 51	0 45	15 9	1 42	17 45	16 56	22 20	22 7	23 23		n.a.	F 14
S 15	18 7	25 7	1 27	11 48	2 33	0 10	2 9	5 24	0 49	10 6	1 15	18 35	1 45	3 51	0 45	15 9	1 42	17 45	16 56	22 21	22 8	23 24		n.a.	S 15
S 16	18 23	22 48	0 11	11 30	2 40	0 s14	2 11	5 40	0 49	10 4	1 16	18 34	1 45	3 52	0 45	15 10	1 42	17 45	16 57	22 21	22 8	23 25		n.a.	S 16
M17	18 39	19 9	1 s 4	11 17	2 45	0 39	2 13	5 56	0 49	10 2	1 16	18 33	1 45	3 52	0 45	15 11	1 42	17 44	16 57	22 21	22 9	23 26		n.a.	M17
T 18	18 55	14 36	2 12	11 10	2 48	1 3	2 16	6 12	0 48	9 59	1 16	18 32	1 45	3 52	0 45	15 11	1 42	17 44	16 58	22 21	22 9	23 27		n.a.	T 18
W19	19 10	9 30	3 12	11 8	2 49	1 28	2 18	6 28	0 48	9 57	1 16	18 31	1 45	3 53	0 44	15 12	1 42	17 44	16 58	22 21	22 10	23 28		n.a.	W19
T 20	19 25	4 8	4 0	11 11	2 49	1 53	2 20	6 44	0 47	9 54	1 17	18 30	1 44	3 53	0 44	15 13	1 42	17 44	16 59	22 21	22 10	23 30		n.a.	T 20
F 21	19 39	1 s16	4 35	11 17	2 48	2 17	2 21	7 0	0 47	9 52	1 17	18 29	1 44	3 53	0 44	15 13	1 42	17 44	16 59	22 22	22 10	23 31		n.a.	F 21
S 22	19 53	6 31	4 58	11 28	2 45	2 42	2 23	7 16	0 47	9 50	1 17	18 28	1 44	3 53	0 44	15 14	1 42	17 44	17 0	22 22	22 11	23 32		n.a.	S 22
S 23	20 7	11 27	5 6	11 42	2 42	3 8	2 24	7 32	0 46	9 48	1 18	18 27	1 44	3 53	0 44	15 15	1 42	17 44	17 0	22 23	22 11	23 33		n.a.	S 23
M24	20 20	15 54	5 1	11 58	2 37	3 33	2 26	7 48	0 46	9 46	1 18	18 26	1 44	3 54	0 44	15 15	1 42	17 44	17 1	22 25	22 12	23 34		n.a.	M24
T 25	20 33	19 43	4 43	12 18	2 32	3 58	2 27	8 3	0 45	9 44	1 18	18 25	1 44	3 54	0 44	15 16	1 42	17 44	17 1	22 26	22 12	23 35		n.a.	T 25
W26	20 46	22 43	4 13	12 39	2 27	4 24	2 28	8 19	0 45	9 42	1 18	18 24	1 44	3 54	0 44	15 16	1 42	17 44	17 2	22 27	22 13	23 36		n.a.	W26
T 27	20 58	24 45	3 32	13 2	2 21	4 49	2 29	8 35	0 44	9 40	1 19	18 23	1 44	3 54	0 44	15 17	1 42	17 44	17 2	22 29	22 13	23 37		n.a.	T 27
F 28	21 10	25 40	2 41	13 26	2 14	5 14	2 30	8 50	0 44	9 38	1 19	18 22	1 44	3 54	0 44	15 18	1 42	17 44	17 3	22 29	22 14	23 38		n.a.	F 28
S 29	21 21	25 25	1 44	13 52	2 7	5 40	2 30	9 6	0 43	9 37	1 19	18 21	1 44	3 54	0 44	15 18	1 42	17 44	17 3	22 30	22 14	23 40		n.a.	S 29
S 30	21 s32	23 s58	0 s41	14 s18	2n 0	6 s 5	2n31	9 s21	0n43	9n35	1n19	18n20	1 s43	3 s54	0 s44	15 s19	1n42	17n44	17n 4	22 s30	22 s15	23 s41		n.a.	S 30

Julian Day Number = 1720996.5, Delta T = 02h55m58s
Ecliptic obliquity = 23°41'46, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°04'39, Lahiri = - 3°57'39 Julian Calendar 1 Nov. 2 BCE == Greg. Calendar 30 Oct. 002 BCE

The year -01 astronomical counting style corresponds to year 002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 2 BCE
geocentric

DECEMBER 2 BCE (-1) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 28 18	7♐ 1'06	22♑19	15♏ 7	22♎31	26♎20	8♍53	28°R19	21°R56	16♏32	24♍40	17°D45	19♑33	27♏ 8	n.a.	M 1
T 2	4 32 14	8° 2'22	4♒34	16°17	23°41	27° 1	8°58	28♉15	21♓56	16°34	24°41	17♑46	19°30	27°14	n.a.	T 2
W 3	4 36 11	9° 3'38	17° 3	17°30	24°50	27°42	9° 3	28°10	21°56	16°36	24°42	17°48	19°27	27°21	n.a.	W 3
T 4	4 40 8	10° 4'54	29°51	18°45	25°59	28°23	9° 7	28° 5	21°D56	16°38	24°43	17°49	19°24	27°28	n.a.	T 4
F 5	4 44 4	11° 6'09	13♓ 0	20° 1	27° 9	29° 4	9°11	28° 0	21°56	16°40	24°44	17°R49	19°21	27°35	n.a.	F 5
S 6	4 48 1	12° 7'23	26°34	21°19	28°19	29°45	9°16	27°55	21°56	16°42	24°45	17°48	19°18	27°41	n.a.	S 6
S 7	4 51 57	13° 8'38	10♈36	22°38	29°29	0♏26	9°20	27°51	21°56	16°44	24°46	17°46	19°14	27°48	n.a.	S 7
M 8	4 55 54	14° 9'52	25° 4	23°59	0♏39	1° 7	9°23	27°46	21°57	16°46	24°47	17°42	19°11	27°55	n.a.	M 8
T 9	4 59 50	15°11'05	9♉54	25°20	1°49	1°48	9°27	27°41	21°57	16°48	24°48	17°37	19° 8	28° 1	n.a.	T 9
W10	5 3 47	16°12'18	25° 1	26°43	2°59	2°29	9°30	27°37	21°57	16°50	24°48	17°32	19° 5	28° 8	n.a.	W10
T 11	5 7 43	17°13'31	10♊16	28° 7	4°10	3°10	9°34	27°32	21°58	16°53	24°49	17°28	19° 2	28°15	n.a.	T 11
F 12	5 11 40	18°14'43	25°27	29°31	5°20	3°51	9°37	27°28	21°58	16°55	24°50	17°25	18°59	28°21	n.a.	F 12
S 13	5 15 37	19°15'56	10♋25	0♐56	6°31	4°32	9°40	27°23	21°59	16°57	24°51	17°D24	18°55	28°28	n.a.	S 13
S 14	5 19 33	20°17'07	25° 2	2°23	7°42	5°13	9°42	27°19	21°59	16°58	24°51	17°24	18°52	28°35	n.a.	S 14
M15	5 23 30	21°18'19	9♌13	3°49	8°53	5°55	9°45	27°14	22° 0	17° 0	24°52	17°25	18°49	28°41	n.a.	M15
T 16	5 27 26	22°19'30	22°56	5°17	10° 4	6°36	9°47	27°10	22° 0	17° 2	24°52	17°26	18°46	28°48	n.a.	T 16
W17	5 31 23	23°20'41	6♍12	6°45	11°15	7°17	9°49	27° 6	22° 1	17° 4	24°53	17°28	18°43	28°55	n.a.	W17
T 18	5 35 19	24°21'51	19° 3	8°14	12°26	7°58	9°51	27° 2	22° 2	17° 6	24°53	17°R29	18°39	29° 2	n.a.	T 18
F 19	5 39 16	25°23'01	1♎34	9°43	13°37	8°40	9°53	26°58	22° 2	17° 8	24°54	17°29	18°36	29° 8	n.a.	F 19
S 20	5 43 13	26°24'11	13°48	11°13	14°48	9°21	9°55	26°54	22° 3	17°10	24°54	17°28	18°33	29°15	n.a.	S 20
S 21	5 47 9	27°25'21	25°51	12°44	16° 0	10° 2	9°56	26°50	22° 4	17°12	24°54	17°25	18°30	29°22	n.a.	S 21
M22	5 51 6	28°26'29	7♏45	14°15	17°11	10°44	9°57	26°46	22° 5	17°14	24°55	17°23	18°27	29°28	n.a.	M22
T 23	5 55 2	29°27'38	19°35	15°46	18°23	11°25	9°58	26°42	22° 6	17°15	24°55	17°20	18°24	29°35	n.a.	T 23
W24	5 58 59	0♑28'46	1♐25	17°19	19°35	12° 7	9°59	26°38	22° 7	17°17	24°55	17°17	18°20	29°42	n.a.	W24
T 25	6 2 55	1°29'53	13°16	18°51	20°46	12°48	10° 0	26°35	22° 8	17°19	24°56	17°14	18°17	29°48	n.a.	T 25
F 26	6 6 52	2°30'59	25°11	20°25	21°58	13°29	10° 0	26°31	22° 9	17°21	24°56	17°12	18°14	29°55	n.a.	F 26
S 27	6 10 48	3°32'05	7♑12	21°59	23°10	14°11	10° 1	26°28	22°10	17°22	24°56	17°11	18°11	0♐ 2	n.a.	S 27
S 28	6 14 45	4°33'10	19°21	23°34	24°22	14°52	10°R 1	26°24	22°12	17°24	24°56	17°D11	18° 8	0° 8	n.a.	S 28
M29	6 18 42	5°34'13	1♒39	25° 9	25°34	15°34	10° 1	26°21	22°13	17°26	24°56	17°11	18° 5	0°15	n.a.	M29
T 30	6 22 38	6°35'15	14° 8	26°45	26°46	16°15	10° 0	26°18	22°14	17°27	24°56	17°12	18° 1	0°22	n.a.	T 30
W31	6 26 35	7♑36'17	26♒50	28♐21	27♏58	16♏57	10♍ 0	26♉15	22♓16	17♏29	24°R56	17♑13	17♑58	0♐29	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	21 s43	21 s25	0n25	14 s45	1n52	6 s31	2n31	9 s37	0n43	9n33	1n20	18n19	1 s43	3 s54	0 s44	15 s19	1n42	17n44	17n 5	22 s30	22 s15	23 s42			n.a.
T 2	21 53	17 52	1 30	15 13	1 45	6 56	2 32	9 52	0 42	9 32	1 20	18 18	1 43	3 54	0 44	15 20	1 42	17 44	17 5	22 30	22 16	23 43			n.a.
W 3	22 3	13 28	2 33	15 41	1 37	7 22	2 32	10 7	0 42	9 30	1 20	18 17	1 43	3 54	0 44	15 21	1 42	17 44	17 6	22 30	22 16	23 44			n.a.
T 4	22 12	8 23	3 29	16 10	1 29	7 47	2 32	10 22	0 41	9 29	1 21	18 16	1 43	3 54	0 44	15 21	1 42	17 44	17 6	22 30	22 17	23 45			n.a.
F 5	22 21	2 48	4 16	16 38	1 21	8 13	2 32	10 38	0 41	9 27	1 21	18 15	1 43	3 54	0 44	15 22	1 42	17 44	17 7	22 30	22 17	23 46			n.a.
S 6	22 29	3n 4	4 51	17 6	1 13	8 38	2 32	10 53	0 40	9 26	1 21	18 15	1 43	3 54	0 44	15 22	1 42	17 44	17 7	22 30	22 17	23 47			n.a.
S 7	22 37	8 58	5 10	17 35	1 5	9 3	2 31	11 8	0 40	9 25	1 21	18 14	1 42	3 54	0 44	15 23	1 42	17 45	17 8	22 30	22 18	23 48			n.a.
M 8	22 45	14 35	5 9	18 3	0 57	9 28	2 31	11 23	0 39	9 24	1 22	18 13	1 42	3 54	0 44	15 24	1 42	17 45	17 8	22 31	22 18	23 49			n.a.
T 9	22 52	19 30	4 49	18 30	0 49	9 53	2 30	11 37	0 38	9 22	1 22	18 12	1 42	3 54	0 44	15 24	1 42	17 45	17 9	22 31	22 19	23 50			n.a.
W10	22 58	23 14	4 8	18 58	0 41	10 18	2 30	11 52	0 38	9 21	1 22	18 11	1 42	3 53	0 44	15 25	1 42	17 45	17 10	22 32	22 19	23 51			n.a.
T 11	23 4	25 21	3 9	19 25	0 33	10 42	2 29	12 7	0 37	9 20	1 23	18 10	1 42	3 53	0 44	15 25	1 42	17 45	17 10	22 32	22 20	23 52			n.a.
F 12	23 10	25 34	1 57	19 51	0 26	11 7	2 28	12 22	0 37	9 20	1 23	18 9	1 42	3 53	0 44	15 26	1 42	17 46	17 11	22 33	22 20	23 53			n.a.
S 13	23 15	23 55	0 38	20 16	0 18	11 31	2 27	12 36	0 36	9 19	1 23	18 8	1 42	3 53	0 43	15 26	1 42	17 46	17 11	22 33	22 21	23 54			n.a.
S 14	23 20	20 40	0 s42	20 41	0 10	11 55	2 26	12 50	0 36	9 18	1 24	18 7	1 41	3 53	0 43	15 27	1 42	17 46	17 12	22 33	22 21	23 55			n.a.
M15	23 24	16 16	1 57	21 6	0 3	12 19	2 25	13 5	0 35	9 17	1 24	18 7	1 41	3 52	0 43	15 27	1 43	17 47	17 13	22 33	22 22	23 56			n.a.
T 16	23 28	11 8	3 3	21 29	0 s 5	12 43	2 24	13 19	0 35	9 17	1 24	18 6	1 41	3 52	0 43	15 28	1 43	17 47	17 13	22 33	22 22	23 57			n.a.
W17	23 32	5 40	3 57	21 52	0 12	13 6	2 23	13 33	0 34	9 16	1 24	18 5	1 41	3 52	0 43	15 28	1 43	17 47	17 14	22 33	22 22	23 58			n.a.
T 18	23 34	0 8	4 37	22 13	0 19	13 30	2 21	13 47	0 34	9 16	1 25	18 4	1 41	3 51	0 43	15 29	1 43	17 48	17 14	22 32	22 23	23 59			n.a.
F 19	23 37	5 s15	5 3	22 34	0 26	13 53	2 20	14 1	0 33	9 15	1 25	18 4	1 40	3 51	0 43	15 30	1 43	17 48	17 15	22 32	22 23	24 0			n.a.
S 20	23 39	10 19	5 14	22 54	0 33	14 15	2 18	14 15	0 32	9 15	1 25	18 3	1 40	3 51	0 43	15 30	1 43	17 48	17 15	22 33	22 24	24 1			n.a.
S 21	23 40	14 55	5 12	23 13	0 39	14 38	2 16	14 29	0 32	9 15	1 26	18 2	1 40	3 50	0 43	15 31	1 43	17 49	17 16	22 33	22 24	24 2			n.a.
M22	23 41	18 53	4 56	23 31	0 46	15 0	2 15	14 43	0 31	9 14	1 26	18 1	1 40	3 50	0 43	15 31	1 43	17 49	17 17	22 33	22 25	24 3			n.a.
T 23	23 42	22 5	4 27	23 47	0 52	15 22	2 13	14 56	0 31	9 14	1 26	18 1	1 40	3 49	0 43	15 31	1 43	17 49	17 17	22 34	22 25	24 4			n.a.
W24	23 42	24 22	3 47	24 3	0 58	15 43	2 11	15 10	0 30	9 14	1 27	18 0	1 39	3 49	0 43	15 32	1 43	17 50	17 18	22 34	22 25	24 4			n.a.
T 25	23 41	25 33	2 57	24 17	1 4	16 4	2 9	15 23	0 29	9 14	1 27	17 59	1 39	3 49	0 43	15 32	1 43	17 50	17 18	22 34	22 26	24 5			n.a.
F 26	23 40	25 35	1 59	24 30	1 9	16 25	2 7	15 36	0 29	9 14	1 27	17 59	1 39	3 48	0 43	15 33	1 43	17 51	17 19	22 35	22 26	24 6			n.a.
S 27	23 39	24 25	0 55	24 42	1 15	16 45	2 5	15 49	0 28	9 15	1 27	17 58	1 39	3 48	0 43	15 33	1 43	17 51	17 20	22 35	22 27	24 7			n.a.
S 28	23 37	22 5	0n12	24 52	1 20	17 5	2 2	16 2	0 27	9 15	1 28	17 58	1 39	3 47	0 43	15 34	1 43	17 52	17 20	22 35	22 27	24 8			n.a.
M29	23 35	18 43	1 19	25 1	1 25	17 25	2 0	16 15	0 27	9 15	1 28	17 57	1 38	3 46	0 43	15 34	1 43	17 52	17 21	22 35	22 28	24 9			n.a.
T 30	23 32	14 28	2 24	25 9	1 30	17 44	1 58	16 28	0 26	9 16	1 28	17 56	1 38	3 46	0 43	15 35	1 43	17 53	17 21	22 35	22 28	24 10			n.a.
W31	23 s28	9 s32	3n23	25 s15	1 s34	18 s 3	1n55	16 s40	0n25	9n16	1n29	17n56	1 s38	3 s45	0 s43	15 s35	1n43	17n53	17n22	22 s34	22 s28	24 s11			n.a.

Julian Day Number = 1721026.5, Delta T = 02h55m57s
Ecliptic obliquity = 23°41'45, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°04'35, Lahiri = - 3°57'35 Julian Calendar 1 Dec. 2 BCE == Greg. Calendar 29 Nov. 002 BCE

The year -01 astronomical counting style corresponds to year 002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1 BCE
geocentric

JANUARY 1 BCE (0) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 30 31	8♉37'16	9♓47	29♐58	29♏10	17♏39	9°R59	26°R12	22♓17	17♏31	24°R56	17♉14	17♉55	0♐35	n.a.	T 1
F 2	6 34 28	9°38'15	23° 0	1♉36	0♐22	18°20	9♍58	26♉ 9	22°19	17°32	24♍56	17°15	17°52	0°42	n.a.	F 2
S 3	6 38 24	10°39'11	6♈32	3°15	1°35	19° 2	9°57	26° 6	22°20	17°34	24°56	17°R15	17°49	0°49	n.a.	S 3
S 4	6 42 21	11°40'07	20°23	4°54	2°47	19°43	9°56	26° 3	22°22	17°35	24°56	17°15	17°45	0°55	n.a.	S 4
M 5	6 46 17	12°41'01	4♉34	6°34	3°59	20°25	9°54	26° 1	22°23	17°37	24°56	17°15	17°42	1° 2	n.a.	M 5
T 6	6 50 14	13°41'53	19° 2	8°15	5°12	21° 7	9°53	25°58	22°25	17°38	24°55	17°14	17°39	1° 9	n.a.	T 6
W 7	6 54 11	14°42'44	3♊45	9°56	6°24	21°48	9°51	25°56	22°27	17°40	24°55	17°14	17°36	1°15	n.a.	W 7
T 8	6 58 7	15°43'34	18°36	11°38	7°37	22°30	9°49	25°53	22°28	17°41	24°55	17°14	17°33	1°22	n.a.	T 8
F 9	7 2 4	16°44'22	3♋28	13°21	8°49	23°12	9°47	25°51	22°30	17°43	24°55	17°D14	17°30	1°29	n.a.	F 9
S 10	7 6 0	17°45'09	18°14	15° 5	10° 2	23°54	9°44	25°49	22°32	17°44	24°54	17°R14	17°26	1°35	n.a.	S 10
S 11	7 9 57	18°45'54	2♌46	16°49	11°14	24°35	9°42	25°47	22°34	17°45	24°54	17°14	17°23	1°42	n.a.	S 11
M12	7 13 53	19°46'37	16°59	18°34	12°27	25°17	9°39	25°45	22°36	17°47	24°53	17°14	17°20	1°49	n.a.	M12
T 13	7 17 50	20°47'20	0♍48	20°21	13°40	25°59	9°36	25°43	22°38	17°48	24°53	17°13	17°17	1°55	n.a.	T 13
W14	7 21 47	21°48'01	14°12	22° 7	14°52	26°41	9°33	25°42	22°40	17°49	24°52	17°13	17°14	2° 2	n.a.	W14
T 15	7 25 43	22°48'40	27°11	23°55	16° 5	27°23	9°30	25°40	22°42	17°50	24°52	17°12	17°11	2° 9	n.a.	T 15
F 16	7 29 40	23°49'19	9♎48	25°43	17°18	28° 5	9°26	25°39	22°44	17°52	24°51	17°12	17° 7	2°16	n.a.	F 16
S 17	7 33 36	24°49'56	22° 6	27°32	18°31	28°46	9°23	25°37	22°46	17°53	24°51	17°D11	17° 4	2°22	n.a.	S 17
S 18	7 37 33	25°50'32	4♏10	29°22	19°44	29°28	9°19	25°36	22°48	17°54	24°50	17°12	17° 1	2°29	n.a.	S 18
M19	7 41 29	26°51'06	16° 5	1♒12	20°56	0♐10	9°15	25°35	22°51	17°55	24°50	17°12	16°58	2°36	n.a.	M19
T 20	7 45 26	27°51'40	27°55	3° 3	22° 9	0°52	9°11	25°34	22°53	17°56	24°49	17°13	16°55	2°42	n.a.	T 20
W21	7 49 22	28°52'11	9♐44	4°55	23°22	1°34	9° 6	25°33	22°55	17°57	24°48	17°14	16°51	2°49	n.a.	W21
T 22	7 53 19	29°52'42	21°38	6°47	24°35	2°16	9° 2	25°32	22°57	17°58	24°47	17°15	16°48	2°56	n.a.	T 22
F 23	7 57 16	0♒53'10	3♉38	8°39	25°48	2°58	8°57	25°31	23° 0	17°59	24°47	17°16	16°45	3° 2	n.a.	F 23
S 24	8 1 12	1°53'37	15°48	10°31	27° 1	3°40	8°52	25°31	23° 2	18° 0	24°46	17°R17	16°42	3° 9	n.a.	S 24
S 25	8 5 9	2°54'03	28°11	12°23	28°14	4°22	8°47	25°30	23° 5	18° 1	24°45	17°16	16°39	3°16	n.a.	S 25
M26	8 9 5	3°54'26	10♒47	14°14	29°27	5° 4	8°42	25°30	23° 7	18° 2	24°44	17°15	16°36	3°22	n.a.	M26
T 27	8 13 2	4°54'48	23°36	16° 5	0♉40	5°47	8°37	25°30	23°10	18° 3	24°43	17°13	16°32	3°29	n.a.	T 27
W28	8 16 58	5°55'08	6♓40	17°56	1°53	6°29	8°31	25°30	23°12	18° 3	24°42	17°11	16°29	3°36	n.a.	W28
T 29	8 20 55	6°55'26	19°57	19°45	3° 6	7°11	8°26	25°D30	23°15	18° 4	24°41	17° 8	16°26	3°42	n.a.	T 29
F 30	8 24 51	7°55'41	3♈28	21°32	4°20	7°53	8°20	25°30	23°17	18° 5	24°40	17° 5	16°23	3°49	n.a.	F 30
S 31	8 28 48	8♒55'55	17♈10	23♒17	5♉33	8♐35	8♍14	25♉30	23♓20	18♏ 6	24♍39	17♉ 3	16♉20	3♐56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s25	4 s 6	4n12	25 s20	1 s38	18 s21	1n53	16 s53	0n25	9n17	1n29	17n55	1 s38	3 s45	0 s43	15 s35	1n43	17n54	17n23	22 s34	22 s29	24 s12			n.a.
F 2	23 20	1n37	4 50	25 23	1 42	18 39	1 50	17 5	0 24	9 17	1 29	17 55	1 38	3 44	0 43	15 36	1 43	17 54	17 23	22 34	22 29	24 12			n.a.
S 3	23 16	7 23	5 12	25 25	1 46	18 56	1 48	17 17	0 23	9 18	1 30	17 55	1 37	3 43	0 43	15 36	1 43	17 55	17 24	22 34	22 30	24 13			n.a.
S 4	23 11	12 56	5 17	25 25	1 49	19 13	1 45	17 29	0 23	9 19	1 30	17 54	1 37	3 43	0 43	15 37	1 43	17 56	17 24	22 34	22 30	24 14			n.a.
M 5	23 5	17 56	5 3	25 23	1 52	19 30	1 43	17 41	0 22	9 19	1 30	17 54	1 37	3 42	0 43	15 37	1 43	17 56	17 25	22 34	22 31	24 15			n.a.
T 6	22 59	21 59	4 30	25 20	1 54	19 46	1 40	17 53	0 21	9 20	1 30	17 53	1 37	3 41	0 43	15 37	1 43	17 57	17 25	22 34	22 31	24 16			n.a.
W 7	22 52	24 42	3 39	25 15	1 57	20 1	1 37	18 5	0 21	9 21	1 31	17 53	1 36	3 41	0 43	15 38	1 43	17 57	17 26	22 34	22 31	24 17			n.a.
T 8	22 45	25 44	2 32	25 9	1 58	20 16	1 34	18 16	0 20	9 22	1 31	17 53	1 36	3 40	0 42	15 38	1 43	17 58	17 27	22 34	22 32	24 17			n.a.
F 9	22 38	24 55	1 16	25 0	2 0	20 30	1 31	18 28	0 19	9 23	1 31	17 52	1 36	3 39	0 42	15 38	1 43	17 59	17 27	22 34	22 32	24 18			n.a.
S 10	22 30	22 21	0 s 6	24 50	2 1	20 44	1 29	18 39	0 18	9 25	1 32	17 52	1 36	3 38	0 42	15 39	1 43	17 59	17 28	22 34	22 33	24 19			n.a.
S 11	22 22	18 22	1 25	24 38	2 2	20 57	1 26	18 50	0 18	9 26	1 32	17 52	1 35	3 38	0 42	15 39	1 43	18 0	17 28	22 34	22 33	24 20			n.a.
M12	22 13	13 24	2 38	24 24	2 2	21 10	1 23	19 1	0 17	9 27	1 32	17 52	1 35	3 37	0 42	15 39	1 44	18 1	17 29	22 34	22 34	24 21			n.a.
T 13	22 4	7 54	3 39	24 9	2 2	21 22	1 20	19 12	0 16	9 29	1 32	17 51	1 35	3 36	0 42	15 40	1 44	18 1	17 29	22 34	22 34	24 21			n.a.
W14	21 55	2 12	4 26	23 51	2 1	21 33	1 17	19 22	0 15	9 30	1 33	17 51	1 35	3 35	0 42	15 40	1 44	18 2	17 30	22 34	22 34	24 22			n.a.
T 15	21 45	3 s25	4 58	23 31	2 0	21 44	1 14	19 33	0 14	9 32	1 33	17 51	1 34	3 34	0 42	15 40	1 44	18 3	17 30	22 35	22 35	24 23			n.a.
F 16	21 34	8 44	5 15	23 10	1 58	21 55	1 11	19 43	0 14	9 33	1 33	17 51	1 34	3 34	0 42	15 41	1 44	18 3	17 31	22 35	22 35	24 24			n.a.
S 17	21 23	13 34	5 16	22 46	1 56	22 4	1 7	19 53	0 13	9 35	1 34	17 51	1 34	3 33	0 42	15 41	1 44	18 4	17 31	22 35	22 36	24 24			n.a.
S 18	21 12	17 48	5 4	22 21	1 53	22 13	1 4	20 3	0 12	9 37	1 34	17 51	1 34	3 32	0 42	15 41	1 44	18 5	17 32	22 35	22 36	24 25			n.a.
M19	21 1	21 15	4 38	21 54	1 50	22 22	1 1	20 13	0 11	9 38	1 34	17 51	1 33	3 31	0 42	15 41	1 44	18 6	17 33	22 35	22 36	24 26			n.a.
T 20	20 49	23 49	4 1	21 24	1 46	22 30	0 58	20 23	0 10	9 40	1 34	17 51	1 33	3 30	0 42	15 42	1 44	18 6	17 33	22 34	22 37	24 27			n.a.
W21	20 36	25 20	3 13	20 53	1 42	22 37	0 55	20 32	0 10	9 42	1 35	17 51	1 33	3 29	0 42	15 42	1 44	18 7	17 34	22 34	22 37	24 27			n.a.
T 22	20 24	25 43	2 17	20 20	1 37	22 43	0 52	20 42	0 9	9 44	1 35	17 51	1 33	3 28	0 42	15 42	1 44	18 8	17 34	22 34	22 38	24 28			n.a.
F 23	20 10	24 54	1 15	19 45	1 31	22 49	0 49	20 51	0 8	9 46	1 35	17 51	1 32	3 27	0 42	15 42	1 44	18 9	17 35	22 34	22 38	24 29			n.a.
S 24	19 57	22 53	0 8	19 9	1 25	22 54	0 45	21 0	0 7	9 48	1 35	17 51	1 32	3 26	0 42	15 43	1 44	18 9	17 35	22 34	22 38	24 30			n.a.
S 25	19 43	19 46	1n 0	18 30	1 17	22 59	0 42	21 9	0 6	9 50	1 36	17 51	1 32	3 25	0 42	15 43	1 44	18 10	17 36	22 34	22 39	24 30			n.a.
M26	19 29	15 42	2 6	17 51	1 10	23 3	0 39	21 17	0 5	9 52	1 36	17 51	1 32	3 24	0 42	15 43	1 44	18 11	17 36	22 34	22 39	24 31			n.a.
T 27	19 14	10 51	3 7	17 9	1 1	23 6	0 36	21 26	0 5	9 55	1 36	17 52	1 31	3 23	0 42	15 43	1 44	18 12	17 36	22 34	22 40	24 32			n.a.
W28	19 0	5 27	4 0	16 27	0 52	23 8	0 33	21 34	0 4	9 57	1 36	17 52	1 31	3 22	0 42	15 43	1 44	18 12	17 37	22 35	22 40	24 32			n.a.
T 29	18 44	0n16	4 40	15 43	0 42	23 10	0 30	21 42	0 3	9 59	1 37	17 52	1 31	3 21	0 42	15 44	1 44	18 13	17 37	22 35	22 40	24 33			n.a.
F 30	18 29	6 4	5 6	14 59	0 32	23 11	0 26	21 50	0 2	10 1	1 37	17 52	1 31	3 20	0 42	15 44	1 44	18 14	17 38	22 35	22 41	24 34			n.a.
S 31	18 s13	11n39	5n15	14 s13	0 s20	23 s11	0n23	21 s57	0n 1	10n 4	1n37	17n53	1 s30	3 s19	0 s42	15 s44	1n44	18n15	17n38	22 s36	22 s41	24 s34			n.a.

Julian Day Number = 1721057.5, Delta T = 02h55m56s
Ecliptic obliquity = 23°41'45, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°04'31, Lahiri = - 3°57'30 Julian Calendar 1 Jan. 1 BCE == Greg. Calendar 30 Dec. 002 BCE

The year 000 astronomical counting style corresponds to year 001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1 BCE
geocentric

FEBRUARY 1 BCE (0) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 32 45	9♒56'06	1♉ 3	25♒ 0	6♑46	9♐17	8°R 8	25♉30	23♓23	18♏ 6	24°R38	17°R 1	16♑17	4♐ 2	n.a.	S 1
M 2	8 36 41	10°56'15	15° 7	26°40	7°59	9°59	8♍ 2	25°31	23°25	18° 7	24♍37	17°D 1	16°13	4° 9	n.a.	M 2
T 3	8 40 38	11°56'22	29°19	28°16	9°12	10°41	7°56	25°31	23°28	18° 8	24°36	17♑ 2	16°10	4°16	n.a.	T 3
W 4	8 44 34	12°56'27	13♊39	29°48	10°25	11°24	7°50	25°32	23°31	18° 8	24°35	17° 3	16° 7	4°22	n.a.	W 4
T 5	8 48 31	13°56'30	28° 2	1♓16	11°38	12° 6	7°43	25°33	23°34	18° 9	24°34	17° 5	16° 4	4°29	n.a.	T 5
F 6	8 52 27	14°56'30	12♋26	2°38	12°52	12°48	7°37	25°34	23°37	18° 9	24°33	17°R 6	16° 1	4°36	n.a.	F 6
S 7	8 56 24	15°56'28	26°46	3°55	14° 5	13°30	7°30	25°35	23°39	18°10	24°31	17° 5	15°57	4°43	n.a.	S 7
S 8	9 0 20	16°56'24	10♌57	5° 5	15°18	14°13	7°23	25°36	23°42	18°10	24°30	17° 4	15°54	4°49	n.a.	S 8
M 9	9 4 17	17°56'18	24°56	6° 8	16°31	14°55	7°16	25°37	23°45	18°11	24°29	17° 0	15°51	4°56	n.a.	M 9
T 10	9 8 14	18°56'10	8♍37	7° 4	17°44	15°37	7° 9	25°38	23°48	18°11	24°28	16°56	15°48	5° 3	n.a.	T 10
W11	9 12 10	19°55'59	21°58	7°53	18°58	16°19	7° 2	25°40	23°51	18°11	24°26	16°50	15°45	5° 9	n.a.	W11
T 12	9 16 7	20°55'47	4♎58	8°33	20°11	17° 2	6°55	25°41	23°54	18°12	24°25	16°45	15°42	5°16	n.a.	T 12
F 13	9 20 3	21°55'33	17°37	9° 5	21°24	17°44	6°48	25°43	23°57	18°12	24°24	16°40	15°38	5°23	n.a.	F 13
S 14	9 24 0	22°55'18	29°59	9°28	22°37	18°26	6°41	25°45	24° 0	18°12	24°22	16°36	15°35	5°29	n.a.	S 14
S 15	9 27 56	23°55'00	12♏ 5	9°43	23°51	19° 9	6°33	25°47	24° 3	18°12	24°21	16°33	15°32	5°36	n.a.	S 15
M16	9 31 53	24°54'41	24° 1	9°R50	25° 4	19°51	6°26	25°49	24° 6	18°13	24°20	16°D32	15°29	5°43	n.a.	M16
T 17	9 35 49	25°54'20	5♐52	9°48	26°17	20°33	6°18	25°51	24° 9	18°13	24°18	16°33	15°26	5°49	n.a.	T 17
W18	9 39 46	26°53'57	17°42	9°38	27°31	21°16	6°11	25°53	24°13	18°13	24°17	16°34	15°23	5°56	n.a.	W18
T 19	9 43 42	27°53'32	29°37	9°20	28°44	21°58	6° 3	25°55	24°16	18°13	24°15	16°36	15°19	6° 3	n.a.	T 19
F 20	9 47 39	28°53'05	11♑41	8°54	29°57	22°41	5°56	25°58	24°19	18°13	24°14	16°R37	15°16	6° 9	n.a.	F 20
S 21	9 51 36	29°52'36	23°58	8°22	1♒11	23°23	5°48	26° 0	24°22	18°R13	24°12	16°37	15°13	6°16	n.a.	S 21
S 22	9 55 32	0♓52'05	6♒32	7°45	2°24	24° 5	5°40	26° 3	24°25	18°13	24°11	16°35	15°10	6°23	n.a.	S 22
M23	9 59 29	1°51'33	19°24	7° 2	3°37	24°48	5°33	26° 6	24°28	18°13	24° 9	16°31	15° 7	6°29	n.a.	M23
T 24	10 3 25	2°50'58	2♓35	6°15	4°51	25°30	5°25	26° 8	24°32	18°13	24° 8	16°25	15° 3	6°36	n.a.	T 24
W25	10 7 22	3°50'21	16° 4	5°25	6° 4	26°13	5°17	26°11	24°35	18°13	24° 6	16°17	15° 0	6°43	n.a.	W25
T 26	10 11 18	4°49'41	29°48	4°34	7°17	26°55	5° 9	26°14	24°38	18°13	24° 5	16° 9	14°57	6°49	n.a.	T 26
F 27	10 15 15	5°49'00	13♈44	3°42	8°31	27°37	5° 2	26°18	24°41	18°12	24° 3	16° 1	14°54	6°56	n.a.	F 27
S 28	10 19 11	6°48'16	27°48	2°49	9°44	28°20	4°54	26°21	24°45	18°12	24° 2	15°54	14°51	7° 3	n.a.	S 28
S 29	10 23 8	7♓47'30	11♉57	1♓59	10♒58	29♐ 2	4♍46	26♉24	24♓48	18♏12	24♍ 0	15♑49	14♑48	7♐ 9	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s57	16n44	5n 6	13s28	0s 9	23s11	0n20	22s 5	0n 0	10n 6	1n37	17n53	1s30	3s18	0s42	15s44	1n45	18n16	17n39	22s36	22s42	24s35		n.a.
M 2	17 40	20 58	4 38	12 42	0n 4	23 10	0 17	22 12	0s 1	10 9	1 37	17 53	1 30	3 16	0 42	15 44	1 45	18 17	17 39	22 36	22 42	24 36		n.a.
T 3	17 24	24 1	3 53	11 56	0 17	23 8	0 14	22 19	0 2	10 11	1 38	17 54	1 30	3 15	0 42	15 44	1 45	18 17	17 40	22 36	22 42	24 36		n.a.
W 4	17 7	25 33	2 54	11 11	0 30	23 6	0 11	22 26	0 3	10 14	1 38	17 54	1 29	3 14	0 42	15 44	1 45	18 18	17 40	22 36	22 43	24 37		n.a.
T 5	16 49	25 24	1 43	10 27	0 44	23 3	0 8	22 33	0 4	10 17	1 38	17 55	1 29	3 13	0 42	15 44	1 45	18 19	17 40	22 35	22 43	24 37		n.a.
F 6	16 32	23 32	0 26	9 44	0 58	22 59	0 5	22 39	0 5	10 19	1 38	17 55	1 29	3 12	0 42	15 45	1 45	18 20	17 41	22 35	22 43	24 38		n.a.
S 7	16 14	20 10	0s53	9 3	1 13	22 55	0 2	22 46	0 6	10 22	1 38	17 55	1 29	3 11	0 42	15 45	1 45	18 21	17 41	22 35	22 44	24 39		n.a.
S 8	15 56	15 38	2 7	8 24	1 27	22 50	0s 1	22 52	0 7	10 25	1 38	17 56	1 28	3 10	0 42	15 45	1 45	18 22	17 42	22 36	22 44	24 39		n.a.
M 9	15 37	10 20	3 12	7 47	1 41	22 44	0 4	22 58	0 8	10 27	1 39	17 57	1 28	3 8	0 41	15 45	1 45	18 22	17 42	22 36	22 45	24 40		n.a.
T 10	15 18	4 39	4 5	7 13	1 56	22 38	0 7	23 3	0 9	10 30	1 39	17 57	1 28	3 7	0 41	15 45	1 45	18 23	17 42	22 37	22 45	24 40		n.a.
W11	15 0	1s 6	4 43	6 42	2 10	22 30	0 10	23 9	0 10	10 33	1 39	17 58	1 28	3 6	0 41	15 45	1 45	18 24	17 43	22 37	22 45	24 41		n.a.
T 12	14 40	6 39	5 5	6 14	2 23	22 23	0 13	23 14	0 11	10 36	1 39	17 58	1 27	3 5	0 41	15 45	1 45	18 25	17 43	22 38	22 46	24 42		n.a.
F 13	14 21	11 46	5 12	5 50	2 36	22 14	0 16	23 19	0 12	10 39	1 39	17 59	1 27	3 4	0 41	15 45	1 45	18 26	17 43	22 39	22 46	24 42		n.a.
S 14	14 1	16 18	5 3	5 30	2 49	22 5	0 19	23 24	0 13	10 41	1 39	18 0	1 27	3 2	0 41	15 45	1 45	18 27	17 44	22 39	22 46	24 43		n.a.
S 15	13 41	20 5	4 41	5 14	3 0	21 55	0 22	23 29	0 14	10 44	1 39	18 0	1 27	3 1	0 41	15 45	1 45	18 27	17 44	22 39	22 47	24 43		n.a.
M16	13 21	22 58	4 8	5 2	3 10	21 45	0 24	23 33	0 15	10 47	1 40	18 1	1 26	3 0	0 41	15 45	1 45	18 28	17 44	22 40	22 47	24 44		n.a.
T 17	13 1	24 51	3 24	4 54	3 20	21 34	0 27	23 37	0 16	10 50	1 40	18 2	1 26	2 59	0 41	15 45	1 45	18 29	17 45	22 40	22 48	24 44		n.a.
W18	12 41	25 37	2 31	4 51	3 27	21 22	0 30	23 41	0 17	10 53	1 40	18 3	1 26	2 57	0 41	15 45	1 45	18 30	17 45	22 39	22 48	24 45		n.a.
T 19	12 20	25 13	1 31	4 52	3 34	21 10	0 32	23 45	0 18	10 56	1 40	18 3	1 26	2 56	0 41	15 45	1 46	18 31	17 45	22 39	22 48	24 45		n.a.
F 20	11 59	23 37	0 27	4 57	3 38	20 57	0 35	23 49	0 19	10 59	1 40	18 4	1 25	2 55	0 41	15 45	1 46	18 32	17 46	22 39	22 49	24 46		n.a.
S 21	11 38	20 54	0n40	5 6	3 41	20 43	0 38	23 52	0 20	11 2	1 40	18 5	1 25	2 53	0 41	15 45	1 46	18 33	17 46	22 39	22 49	24 47		n.a.
S 22	11 17	17 8	1 46	5 19	3 42	20 29	0 40	23 55	0 21	11 5	1 40	18 6	1 25	2 52	0 41	15 45	1 46	18 33	17 46	22 39	22 49	24 47		n.a.
M23	10 56	12 30	2 48	5 36	3 42	20 14	0 43	23 58	0 22	11 8	1 40	18 7	1 25	2 51	0 41	15 45	1 46	18 34	17 46	22 40	22 50	24 48		n.a.
T 24	10 34	7 12	3 42	5 55	3 39	19 59	0 45	24 1	0 24	11 11	1 40	18 8	1 25	2 50	0 41	15 45	1 46	18 35	17 47	22 41	22 50	24 48		n.a.
W25	10 12	1 29	4 26	6 18	3 35	19 43	0 47	24 3	0 25	11 14	1 40	18 9	1 24	2 48	0 41	15 45	1 46	18 36	17 47	22 41	22 50	24 48		n.a.
T 26	9 51	4n25	4 55	6 42	3 28	19 27	0 50	24 5	0 26	11 17	1 40	18 9	1 24	2 47	0 41	15 44	1 46	18 37	17 47	22 42	22 51	24 49		n.a.
F 27	9 29	10 10	5 7	7 9	3 21	19 10	0 52	24 7	0 27	11 19	1 40	18 10	1 24	2 46	0 41	15 44	1 46	18 38	17 47	22 43	22 51	24 49		n.a.
S 28	9 6	15 28	5 0	7 36	3 11	18 52	0 54	24 9	0 28	11 22	1 40	18 11	1 24	2 44	0 41	15 44	1 46	18 38	17 47	22 44	22 52	24 50		n.a.
S 29	8s44	19n57	4n36	8s 5	3n 0	18s34	0s56	24s11	0s29	11n25	1n41	18n12	1s23	2s43	0s41	15s44	1n46	18n39	17n48	22s45	22s52	24s50		n.a.

Julian Day Number = 1721088.5, Delta T = 02h55m56s
Ecliptic obliquity = 23°41'45, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°04'27, Lahiri = - 3°57'26 Julian Calendar 1 Feb. 1 BCE == Greg. Calendar 30 Jan. 001 BCE

The year 000 astronomical counting style corresponds to year 001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1 BCE
geocentric

MARCH 1 BCE (0) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 27 5	8♓46'41	26♉ 7	1°R10	12♒11	29♐45	4°R38	26♉28	24♓51	18°R12	23°R58	15°R46	14♑44	7♐16	n.a.	M 1
T 2	10 31 1	9°45'50	10♊16	0♓25	13°24	0♑27	4♍31	26°31	24°55	18♏11	23♍57	15°D46	14°41	7°23	n.a.	T 2
W 3	10 34 58	10°44'57	24°23	29♒43	14°38	1°10	4°23	26°35	24°58	18°11	23°55	15♑46	14°38	7°29	n.a.	W 3
T 4	10 38 54	11°44'01	8♋27	29° 6	15°51	1°52	4°15	26°38	25° 1	18°11	23°54	15°R47	14°35	7°36	n.a.	T 4
F 5	10 42 51	12°43'03	22°25	28°33	17° 4	2°34	4° 8	26°42	25° 5	18°10	23°52	15°47	14°32	7°43	n.a.	F 5
S 6	10 46 47	13°42'02	6♌18	28° 6	18°18	3°17	4° 0	26°46	25° 8	18°10	23°50	15°45	14°29	7°49	n.a.	S 6
S 7	10 50 44	14°40'59	20° 3	27°43	19°31	3°59	3°53	26°50	25°12	18° 9	23°49	15°41	14°25	7°56	n.a.	S 7
M 8	10 54 40	15°39'54	3♍37	27°27	20°44	4°42	3°45	26°54	25°15	18° 9	23°47	15°34	14°22	8° 3	n.a.	M 8
T 9	10 58 37	16°38'46	16°59	27°16	21°58	5°24	3°38	26°58	25°18	18° 8	23°45	15°25	14°19	8° 9	n.a.	T 9
W10	11 2 34	17°37'37	0♎ 6	27°10	23°11	6° 7	3°30	27° 3	25°22	18° 8	23°44	15°14	14°16	8°16	n.a.	W10
T 11	11 6 30	18°36'25	12°57	27°D10	24°25	6°49	3°23	27° 7	25°25	18° 7	23°42	15° 3	14°13	8°23	n.a.	T 11
F 12	11 10 27	19°35'11	25°32	27°15	25°38	7°31	3°16	27°12	25°29	18° 6	23°40	14°52	14° 9	8°30	n.a.	F 12
S 13	11 14 23	20°33'56	7♏51	27°26	26°51	8°14	3° 9	27°16	25°32	18° 6	23°39	14°43	14° 6	8°36	n.a.	S 13
S 14	11 18 20	21°32'39	19°56	27°41	28° 5	8°56	3° 2	27°21	25°35	18° 5	23°37	14°36	14° 3	8°43	n.a.	S 14
M15	11 22 16	22°31'19	1♐52	28° 1	29°18	9°39	2°55	27°25	25°39	18° 4	23°35	14°32	14° 0	8°50	n.a.	M15
T 16	11 26 13	23°29'58	13°42	28°26	0♓32	10°21	2°48	27°30	25°42	18° 4	23°34	14°30	13°57	8°56	n.a.	T 16
W17	11 30 9	24°28'36	25°32	28°55	1°45	11° 4	2°41	27°35	25°46	18° 3	23°32	14°D29	13°54	9° 3	n.a.	W17
T 18	11 34 6	25°27'11	7♑26	29°28	2°58	11°46	2°34	27°40	25°49	18° 2	23°30	14°30	13°50	9°10	n.a.	T 18
F 19	11 38 2	26°25'45	19°31	0♓ 6	4°12	12°28	2°28	27°45	25°53	18° 1	23°28	14°R30	13°47	9°16	n.a.	F 19
S 20	11 41 59	27°24'17	1♒51	0°47	5°25	13°11	2°21	27°50	25°56	18° 0	23°27	14°28	13°44	9°23	n.a.	S 20
S 21	11 45 56	28°22'47	14°31	1°32	6°39	13°53	2°15	27°55	25°59	18° 0	23°25	14°25	13°41	9°30	n.a.	S 21
M22	11 49 52	29°21'16	27°34	2°20	7°52	14°35	2° 8	28° 0	26° 3	17°59	23°23	14°19	13°38	9°36	n.a.	M22
T 23	11 53 49	0♈19'42	11♓ 0	3°12	9° 5	15°18	2° 2	28° 6	26° 6	17°58	23°22	14°10	13°34	9°43	n.a.	T 23
W24	11 57 45	1°18'07	24°50	4° 7	10°19	16° 0	1°56	28°11	26°10	17°57	23°20	14° 0	13°31	9°50	n.a.	W24
T 25	12 1 42	2°16'29	8♈59	5° 5	11°32	16°42	1°50	28°17	26°13	17°56	23°18	13°48	13°28	9°56	n.a.	T 25
F 26	12 5 38	3°14'50	23°22	6° 6	12°46	17°25	1°45	28°22	26°17	17°55	23°17	13°37	13°25	10° 3	n.a.	F 26
S 27	12 9 35	4°13'09	7♉53	7° 9	13°59	18° 7	1°39	28°28	26°20	17°54	23°15	13°27	13°22	10°10	n.a.	S 27
S 28	12 13 31	5°11'26	22°25	8°16	15°12	18°49	1°34	28°34	26°23	17°53	23°13	13°19	13°19	10°16	n.a.	S 28
M29	12 17 28	6° 9'41	6♊52	9°24	16°26	19°31	1°28	28°39	26°27	17°52	23°12	13°15	13°15	10°23	n.a.	M29
T 30	12 21 25	7° 7'53	21°11	10°36	17°39	20°13	1°23	28°45	26°30	17°50	23°10	13°12	13°12	10°30	n.a.	T 30
W31	12 25 21	8♈ 6'04	5♋19	11♓49	18♓53	20♑56	1♍18	28♉51	26♓34	17♏49	23♍ 9	13♑12	13♑ 9	10♐36	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	8s22	23n17	3n54	8s34	2n48	18s15	0s58	24s12	0s30	11n28	1n41	18n13	1s23	2s42	0s41	15s44	1n46	18n40	17n48	22s45	22s52	24s51			n.a.
T 2	7 59	25 10	2 59	9 2	2 35	17 56	1 0	24 13	0 32	11 31	1 41	18 14	1 23	2 40	0 41	15 44	1 46	18 41	17 48	22 45	22 53	24 51			n.a.
W 3	7 37	25 27	1 52	9 30	2 21	17 37	1 2	24 14	0 33	11 34	1 41	18 16	1 23	2 39	0 41	15 44	1 46	18 42	17 48	22 45	22 53	24 52			n.a.
T 4	7 14	24 5	0 39	9 57	2 6	17 17	1 4	24 15	0 34	11 37	1 41	18 17	1 22	2 37	0 41	15 44	1 46	18 42	17 48	22 45	22 53	24 52			n.a.
F 5	6 51	21 13	0s36	10 22	1 51	16 56	1 6	24 15	0 35	11 39	1 41	18 18	1 22	2 36	0 41	15 43	1 46	18 43	17 48	22 45	22 54	24 53			n.a.
S 6	6 29	17 10	1 48	10 46	1 36	16 35	1 8	24 16	0 36	11 42	1 41	18 19	1 22	2 35	0 41	15 43	1 46	18 44	17 49	22 45	22 54	24 53			n.a.
S 7	6 6	12 14	2 53	11 8	1 20	16 13	1 10	24 16	0 38	11 45	1 41	18 20	1 22	2 33	0 41	15 43	1 46	18 45	17 49	22 46	22 54	24 53			n.a.
M 8	5 43	6 46	3 47	11 29	1 5	15 51	1 11	24 16	0 39	11 48	1 40	18 21	1 22	2 32	0 41	15 43	1 46	18 45	17 49	22 47	22 55	24 54			n.a.
T 9	5 20	1 6	4 27	11 47	0 49	15 29	1 13	24 15	0 40	11 50	1 40	18 22	1 21	2 31	0 41	15 43	1 46	18 46	17 49	22 48	22 55	24 54			n.a.
W10	4 56	4s31	4 53	12 3	0 34	15 6	1 14	24 15	0 41	11 53	1 40	18 24	1 21	2 29	0 41	15 42	1 47	18 47	17 49	22 49	22 55	24 55			n.a.
T 11	4 33	9 49	5 3	12 17	0 19	14 43	1 16	24 14	0 43	11 56	1 40	18 25	1 21	2 28	0 41	15 42	1 47	18 48	17 49	22 50	22 56	24 55			n.a.
F 12	4 10	14 35	4 58	12 29	0 5	14 19	1 17	24 13	0 44	11 58	1 40	18 26	1 21	2 27	0 41	15 42	1 47	18 48	17 49	22 51	22 56	24 55			n.a.
S 13	3 47	18 40	4 39	12 38	0s 9	13 55	1 19	24 11	0 45	12 1	1 40	18 27	1 20	2 25	0 41	15 42	1 47	18 49	17 49	22 52	22 56	24 56			n.a.
S 14	3 23	21 53	4 8	12 46	0 23	13 31	1 20	24 10	0 47	12 3	1 40	18 29	1 20	2 24	0 41	15 42	1 47	18 50	17 49	22 53	22 57	24 56			n.a.
M15	3 0	24 8	3 27	12 51	0 35	13 6	1 21	24 8	0 48	12 6	1 40	18 30	1 20	2 22	0 41	15 41	1 47	18 51	17 49	22 54	22 57	24 56			n.a.
T 16	2 36	25 16	2 36	12 53	0 48	12 41	1 22	24 6	0 49	12 8	1 40	18 31	1 20	2 21	0 41	15 41	1 47	18 51	17 49	22 54	22 57	24 57			n.a.
W17	2 13	25 16	1 39	12 54	0 59	12 16	1 23	24 4	0 50	12 11	1 40	18 32	1 20	2 20	0 41	15 41	1 47	18 52	17 49	22 54	22 58	24 57			n.a.
T 18	1 50	24 6	0 37	12 53	1 11	11 50	1 24	24 2	0 52	12 13	1 40	18 34	1 19	2 18	0 41	15 41	1 47	18 53	17 49	22 54	22 58	24 57			n.a.
F 19	1 26	21 49	0n27	12 49	1 21	11 24	1 25	23 59	0 53	12 15	1 40	18 35	1 19	2 17	0 41	15 40	1 47	18 53	17 49	22 54	22 58	24 58			n.a.
S 20	1 3	18 29	1 31	12 44	1 31	10 57	1 26	23 56	0 54	12 18	1 40	18 36	1 19	2 16	0 41	15 40	1 47	18 54	17 49	22 54	22 59	24 58			n.a.
S 21	0 39	14 13	2 32	12 36	1 40	10 31	1 27	23 53	0 56	12 20	1 39	18 38	1 19	2 14	0 41	15 40	1 47	18 55	17 49	22 54	22 59	24 58			n.a.
M22	0 16	9 12	3 27	12 26	1 49	10 4	1 28	23 50	0 57	12 22	1 39	18 39	1 19	2 13	0 41	15 39	1 47	18 55	17 49	22 55	22 59	24 59			n.a.
T 23	0n 8	3 38	4 13	12 15	1 57	9 37	1 28	23 47	0 59	12 24	1 39	18 41	1 18	2 11	0 41	15 39	1 47	18 56	17 49	22 56	23 0	24 59			n.a.
W24	0 31	2n16	4 45	12 1	2 4	9 9	1 29	23 43	1 0	12 26	1 39	18 42	1 18	2 10	0 41	15 39	1 47	18 56	17 49	22 57	23 0	24 59			n.a.
T 25	0 55	8 11	5 0	11 46	2 11	8 41	1 30	23 39	1 1	12 28	1 39	18 43	1 18	2 9	0 41	15 39	1 47	18 57	17 49	22 58	23 0	25 0			n.a.
F 26	1 18	13 45	4 57	11 29	2 17	8 14	1 30	23 35	1 3	12 30	1 39	18 45	1 18	2 7	0 41	15 38	1 47	18 58	17 49	22 59	23 1	25 0			n.a.
S 27	1 42	18 36	4 34	11 10	2 22	7 45	1 30	23 31	1 4	12 32	1 39	18 46	1 18	2 6	0 41	15 38	1 47	18 58	17 49	23 0	23 1	25 0			n.a.
S 28	2 5	22 20	3 54	10 49	2 27	7 17	1 31	23 26	1 6	12 34	1 39	18 48	1 17	2 5	0 41	15 38	1 47	18 59	17 49	23 1	23 1	25 0			n.a.
M29	2 28	24 38	2 59	10 27	2 31	6 48	1 31	23 22	1 7	12 36	1 38	18 49	1 17	2 3	0 41	15 37	1 47	18 59	17 48	23 2	23 2	25 1			n.a.
T 30	2 52	25 17	1 54	10 3	2 34	6 20	1 31	23 17	1 8	12 37	1 38	18 51	1 17	2 2	0 41	15 37	1 47	19 0	17 48	23 2	23 2	25 1			n.a.
W31	3n15	24n17	0n42	9s37	2s37	5s51	1s31	23s12	1s10	12n39	1n38	18n52	1s17	2s 0	0s41	15s37	1n47	19n 0	17n48	23s 2	23s 2	25s 1			n.a.

Julian Day Number = 1721117.5, Delta T = 02h55m55s
Ecliptic obliquity = 23°41'45, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°04'23, Lahiri = - 3°57'22 Julian Calendar 1 March 1 BCE == Greg. Calendar 28 Feb. 001 BCE

The year 000 astronomical counting style corresponds to year 001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1 BCE
geocentric

APRIL 1 BCE (0) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 29 18	9♈ 4'12	19♋15	13♓ 5	20♓ 6	21♉38	1°R13	28♉57	26♓37	17°R48	23°R 7	13°R12	13♉ 6	10♐43	n.a.	T 1
F 2	12 33 14	10° 2'18	2♌59	14°24	21°19	22°20	1♍ 8	29° 3	26°40	17♏47	23♍ 5	13♉11	13° 3	10°50	n.a.	F 2
S 3	12 37 11	11° 0'22	16°32	15°44	22°33	23° 2	1° 4	29° 9	26°44	17°46	23° 4	13° 8	13° 0	10°56	n.a.	S 3
S 4	12 41 7	11°58'24	29°54	17° 7	23°46	23°44	0°59	29°15	26°47	17°45	23° 2	13° 3	12°56	11° 3	n.a.	S 4
M 5	12 45 4	12°56'25	13♍ 5	18°32	24°59	24°26	0°55	29°21	26°50	17°43	23° 1	12°54	12°53	11°10	n.a.	M 5
T 6	12 49 0	13°54'23	26° 5	19°59	26°13	25° 8	0°51	29°28	26°54	17°42	22°59	12°44	12°50	11°16	n.a.	T 6
W 7	12 52 57	14°52'19	8♎52	21°28	27°26	25°50	0°47	29°34	26°57	17°41	22°58	12°31	12°47	11°23	n.a.	W 7
T 8	12 56 53	15°50'14	21°28	22°59	28°40	26°32	0°43	29°40	27° 0	17°40	22°56	12°18	12°44	11°30	n.a.	T 8
F 9	13 0 50	16°48'07	3♏51	24°32	29°53	27°14	0°40	29°47	27° 4	17°38	22°54	12° 5	12°40	11°36	n.a.	F 9
S 10	13 4 47	17°45'59	16° 2	26° 7	1♈ 6	27°56	0°36	29°53	27° 7	17°37	22°53	11°54	12°37	11°43	n.a.	S 10
S 11	13 8 43	18°43'49	28° 3	27°44	2°20	28°37	0°33	29°59	27°10	17°36	22°51	11°45	12°34	11°50	n.a.	S 11
M12	13 12 40	19°41'38	9♐56	29°23	3°33	29°19	0°30	0♊ 6	27°13	17°34	22°50	11°39	12°31	11°56	n.a.	M12
T 13	13 16 36	20°39'25	21°45	1♈ 4	4°47	0♒ 1	0°27	0°13	27°17	17°33	22°49	11°35	12°28	12° 3	n.a.	T 13
W14	13 20 33	21°37'11	3♉33	2°47	6° 0	0°43	0°24	0°20	27°20	17°31	22°47	11°34	12°25	12°10	n.a.	W14
T 15	13 24 29	22°34'56	15°27	4°33	7°13	1°24	0°22	0°26	27°23	17°30	22°46	11°D34	12°21	12°16	n.a.	T 15
F 16	13 28 26	23°32'40	27°31	6°20	8°27	2° 6	0°19	0°33	27°26	17°29	22°44	11°R34	12°18	12°23	n.a.	F 16
S 17	13 32 22	24°30'22	9♒50	8° 9	9°40	2°48	0°17	0°40	27°29	17°27	22°43	11°33	12°15	12°30	n.a.	S 17
S 18	13 36 19	25°28'03	22°31	10° 0	10°54	3°29	0°15	0°47	27°32	17°26	22°42	11°30	12°12	12°36	n.a.	S 18
M19	13 40 16	26°25'43	5♓36	11°53	12° 7	4°11	0°13	0°54	27°35	17°24	22°40	11°25	12° 9	12°43	n.a.	M19
T 20	13 44 12	27°23'22	19° 8	13°49	13°20	4°52	0°11	1° 1	27°39	17°23	22°39	11°18	12° 5	12°50	n.a.	T 20
W21	13 48 9	28°21'00	3♈ 8	15°46	14°34	5°33	0°10	1° 8	27°42	17°21	22°38	11° 8	12° 2	12°56	n.a.	W21
T 22	13 52 5	29°18'36	17°32	17°45	15°47	6°15	0° 8	1°15	27°45	17°20	22°36	10°58	11°59	13° 3	n.a.	T 22
F 23	13 56 2	0♉16'11	2♉15	19°45	17° 1	6°56	0° 7	1°22	27°48	17°18	22°35	10°47	11°56	13°10	n.a.	F 23
S 24	13 59 58	1°13'45	17° 8	21°48	18°14	7°37	0° 6	1°29	27°51	17°17	22°34	10°38	11°53	13°16	n.a.	S 24
S 25	14 3 55	2°11'18	2♊ 3	23°52	19°28	8°18	0° 6	1°36	27°54	17°15	22°33	10°31	11°50	13°23	n.a.	S 25
M26	14 7 51	3° 8'49	16°52	25°58	20°41	8°59	0° 5	1°44	27°57	17°13	22°32	10°27	11°46	13°30	n.a.	M26
T 27	14 11 48	4° 6'19	1♋29	28° 6	21°54	9°40	0° 5	1°51	28° 0	17°12	22°30	10°25	11°43	13°36	n.a.	T 27
W28	14 15 45	5° 3'48	15°48	0♉14	23° 8	10°21	0° 4	1°58	28° 3	17°10	22°29	10°D25	11°40	13°43	n.a.	W28
T 29	14 19 41	6° 1'15	29°48	2°24	24°21	11° 2	0°D 4	2° 5	28° 5	17° 9	22°28	10°R25	11°37	13°50	n.a.	T 29
F 30	14 23 38	6♉58'41	13♌29	4♉35	25♈35	11♒43	0♍ 4	2♊13	28♓ 8	17♏ 7	22♍27	10♉25	11♉34	13♐56	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3n38	21n46	0s32	9s10	2s40	5s22	1s31	23s 7	1s11	12n41	1n38	18n54	1s17	1s59	0s41	15s36	1n47	19n 1	17n48	23s 2	23s 3	25s 1		n.a.
F 2	4 1	18 2	1 43	8 41	2 41	4 52	1 31	23 1	1 13	12 42	1 38	18 55	1 17	1 58	0 41	15 36	1 47	19 1	17 48	23 2	23 3	25 2		n.a.
S 3	4 24	13 24	2 46	8 11	2 43	4 23	1 31	22 55	1 14	12 44	1 38	18 57	1 16	1 56	0 41	15 35	1 48	19 2	17 48	23 2	23 3	25 2		n.a.
S 4	4 47	8 12	3 40	7 38	2 43	3 54	1 31	22 50	1 16	12 45	1 37	18 58	1 16	1 55	0 41	15 35	1 48	19 2	17 48	23 3	23 4	25 2		n.a.
M 5	5 10	2 42	4 21	7 5	2 43	3 24	1 31	22 44	1 17	12 47	1 37	19 0	1 16	1 54	0 41	15 35	1 48	19 3	17 47	23 4	23 4	25 2		n.a.
T 6	5 33	2s49	4 48	6 30	2 42	2 54	1 31	22 37	1 19	12 48	1 37	19 1	1 16	1 52	0 41	15 34	1 48	19 3	17 47	23 5	23 4	25 3		n.a.
W 7	5 55	8 8	4 59	5 53	2 41	2 25	1 30	22 31	1 20	12 49	1 37	19 3	1 16	1 51	0 41	15 34	1 48	19 4	17 47	23 6	23 4	25 3		n.a.
T 8	6 18	13 1	4 56	5 15	2 39	1 55	1 30	22 24	1 22	12 50	1 37	19 4	1 15	1 50	0 41	15 34	1 48	19 4	17 47	23 7	23 5	25 3		n.a.
F 9	6 40	17 18	4 39	4 36	2 37	1 25	1 29	22 18	1 23	12 51	1 36	19 6	1 15	1 48	0 41	15 33	1 48	19 4	17 46	23 8	23 5	25 3		n.a.
S 10	7 3	20 47	4 9	3 55	2 34	0 55	1 29	22 11	1 25	12 52	1 36	19 7	1 15	1 47	0 41	15 33	1 48	19 5	17 46	23 9	23 5	25 3		n.a.
S 11	7 25	23 19	3 29	3 13	2 31	0 25	1 28	22 4	1 26	12 53	1 36	19 9	1 15	1 46	0 41	15 32	1 48	19 5	17 46	23 10	23 6	25 3		n.a.
M12	7 47	24 48	2 39	2 29	2 27	0n 5	1 28	21 56	1 28	12 54	1 36	19 10	1 15	1 45	0 41	15 32	1 48	19 6	17 46	23 11	23 6	25 4		n.a.
T 13	8 9	25 9	1 43	1 44	2 22	0 35	1 27	21 49	1 29	12 55	1 36	19 12	1 15	1 43	0 41	15 31	1 48	19 6	17 45	23 11	23 6	25 4		n.a.
W14	8 31	24 21	0 42	0 58	2 17	1 5	1 26	21 41	1 31	12 56	1 35	19 13	1 14	1 42	0 41	15 31	1 48	19 6	17 45	23 11	23 7	25 4		n.a.
T 15	8 53	22 27	0n21	0 11	2 11	1 36	1 25	21 34	1 32	12 57	1 35	19 15	1 14	1 41	0 41	15 31	1 48	19 7	17 45	23 11	23 7	25 4		n.a.
F 16	9 14	19 31	1 24	0n38	2 5	2 6	1 24	21 26	1 34	12 57	1 35	19 17	1 14	1 39	0 41	15 30	1 48	19 7	17 45	23 11	23 7	25 4		n.a.
S 17	9 36	15 40	2 24	1 27	1 58	2 36	1 23	21 18	1 35	12 58	1 35	19 18	1 14	1 38	0 41	15 30	1 48	19 7	17 44	23 11	23 7	25 4		n.a.
S 18	9 57	11 1	3 19	2 18	1 51	3 6	1 22	21 9	1 37	12 58	1 34	19 20	1 14	1 37	0 41	15 29	1 48	19 7	17 44	23 11	23 8	25 4		n.a.
M19	10 18	5 45	4 6	3 10	1 43	3 36	1 21	21 1	1 39	12 59	1 34	19 21	1 14	1 36	0 41	15 29	1 48	19 8	17 44	23 12	23 8	25 5		n.a.
T 20	10 39	0 3	4 40	4 3	1 35	4 6	1 20	20 52	1 40	12 59	1 34	19 23	1 14	1 34	0 41	15 29	1 48	19 8	17 43	23 13	23 8	25 5		n.a.
W21	11 0	5n49	4 59	4 56	1 27	4 35	1 19	20 44	1 42	13 0	1 34	19 25	1 13	1 33	0 41	15 28	1 48	19 8	17 43	23 13	23 9	25 5		n.a.
T 22	11 21	11 34	5 0	5 50	1 18	5 5	1 18	20 35	1 43	13 0	1 34	19 26	1 13	1 32	0 41	15 28	1 48	19 8	17 43	23 14	23 9	25 5		n.a.
F 23	11 41	16 46	4 42	6 45	1 8	5 35	1 16	20 26	1 45	13 0	1 33	19 28	1 13	1 31	0 41	15 27	1 48	19 8	17 42	23 15	23 9	25 5		n.a.
S 24	12 2	21 1	4 4	7 41	0 59	6 4	1 15	20 17	1 47	13 0	1 33	19 29	1 13	1 30	0 41	15 27	1 48	19 9	17 42	23 16	23 9	25 5		n.a.
S 25	12 22	23 53	3 9	8 36	0 49	6 34	1 14	20 7	1 48	13 0	1 33	19 31	1 13	1 28	0 41	15 26	1 48	19 9	17 42	23 16	23 10	25 5		n.a.
M26	12 42	25 4	2 2	9 32	0 39	7 3	1 12	19 58	1 50	13 0	1 33	19 32	1 13	1 27	0 41	15 26	1 48	19 9	17 41	23 17	23 10	25 5		n.a.
T 27	13 1	24 29	0 47	10 28	0 28	7 32	1 11	19 48	1 51	13 0	1 32	19 34	1 13	1 26	0 41	15 25	1 48	19 9	17 41	23 17	23 10	25 5		n.a.
W28	13 21	22 17	0s29	11 24	0 18	8 1	1 9	19 39	1 53	13 0	1 32	19 36	1 12	1 25	0 41	15 25	1 48	19 9	17 40	23 17	23 11	25 5		n.a.
T 29	13 40	18 45	1 42	12 19	0 7	8 30	1 7	19 29	1 55	13 0	1 32	19 37	1 12	1 24	0 41	15 24	1 48	19 9	17 40	23 17	23 11	25 5		n.a.
F 30	13n59	14n17	2s47	13n14	0n 4	8n58	1s 6	19s19	1s56	13n 0	1n32	19n39	1s12	1s23	0s41	15s24	1n48	19n 9	17n40	23s17	23s11	25s 5		n.a.

Julian Day Number = 1721148.5, Delta T = 02h55m54s
Ecliptic obliquity = 23°41'45, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°04'18, Lahiri = - 3°57'18 Julian Calendar 1 Apr. 1 BCE == Greg. Calendar 30 March 001 BCE

The year 000 astronomical counting style corresponds to year 001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1 BCE
geocentric

MAY 1 BCE (0) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 27 34	7♉56'05	26♌53	6♉46	26♈48	12♒23	0♍ 5	2♊20	28♓11	17°R 6	22°R26	10°R24	11♑31	14♐ 3	n.a.	S 1
S 2	14 31 31	8°53'28	10♍ 2	8°58	28° 2	13° 4	0° 5	2°28	28°14	17♏ 4	22♍25	10♑20	11°27	14° 9	n.a.	S 2
M 3	14 35 27	9°50'49	22°56	11° 9	29°15	13°44	0° 6	2°35	28°17	17° 2	22°24	10°13	11°24	14°16	n.a.	M 3
T 4	14 39 24	10°48'09	5♎37	13°21	0♉28	14°25	0° 7	2°42	28°19	17° 1	22°23	10° 5	11°21	14°23	n.a.	T 4
W 5	14 43 20	11°45'29	18° 7	15°32	1°42	15° 5	0° 8	2°50	28°22	16°59	22°22	9°55	11°18	14°29	n.a.	W 5
T 6	14 47 17	12°42'47	0♏27	17°43	2°55	15°45	0° 9	2°57	28°25	16°58	22°21	9°45	11°15	14°36	n.a.	T 6
F 7	14 51 14	13°40'04	12°37	19°52	4° 9	16°25	0°10	3° 5	28°27	16°56	22°20	9°35	11°11	14°43	n.a.	F 7
S 8	14 55 10	14°37'21	24°38	22° 1	5°22	17° 5	0°12	3°13	28°30	16°54	22°19	9°26	11° 8	14°49	n.a.	S 8
S 9	14 59 7	15°34'36	6♐33	24° 8	6°36	17°45	0°14	3°20	28°33	16°53	22°18	9°19	11° 5	14°56	n.a.	S 9
M10	15 3 3	16°31'51	18°23	26°13	7°49	18°25	0°15	3°28	28°35	16°51	22°18	9°15	11° 2	15° 3	n.a.	M10
T 11	15 7 0	17°29'06	0♑10	28°17	9° 3	19° 5	0°18	3°35	28°38	16°50	22°17	9°12	10°59	15° 9	n.a.	T 11
W12	15 10 56	18°26'20	11°59	0♊19	10°16	19°45	0°20	3°43	28°40	16°48	22°16	9°D12	10°56	15°16	n.a.	W12
T 13	15 14 53	19°23'33	23°53	2°18	11°30	20°24	0°22	3°51	28°43	16°46	22°15	9°13	10°52	15°23	n.a.	T 13
F 14	15 18 49	20°20'46	5♒56	4°16	12°43	21° 4	0°25	3°59	28°45	16°45	22°15	9°14	10°49	15°29	n.a.	F 14
S 15	15 22 46	21°17'58	18°15	6°11	13°57	21°43	0°28	4° 6	28°48	16°43	22°14	9°R15	10°46	15°36	n.a.	S 15
S 16	15 26 43	22°15'10	0♓54	8° 5	15°10	22°22	0°30	4°14	28°50	16°41	22°13	9°14	10°43	15°43	n.a.	S 16
M17	15 30 39	23°12'22	13°56	9°55	16°24	23° 1	0°34	4°22	28°52	16°40	22°13	9°12	10°40	15°49	n.a.	M17
T 18	15 34 36	24° 9'33	27°26	11°44	17°37	23°40	0°37	4°30	28°54	16°38	22°12	9° 9	10°37	15°56	n.a.	T 18
W19	15 38 32	25° 6'45	11♈25	13°30	18°51	24°19	0°40	4°37	28°57	16°37	22°12	9° 3	10°33	16° 3	n.a.	W19
T 20	15 42 29	26° 3'56	25°51	15°14	20° 4	24°58	0°44	4°45	28°59	16°35	22°11	8°57	10°30	16° 9	n.a.	T 20
F 21	15 46 25	27° 1'06	10♉39	16°56	21°18	25°37	0°48	4°53	29° 1	16°33	22°11	8°51	10°27	16°16	n.a.	F 21
S 22	15 50 22	27°58'17	25°43	18°35	22°32	26°15	0°52	5° 1	29° 3	16°32	22°10	8°45	10°24	16°23	n.a.	S 22
S 23	15 54 19	28°55'27	10♊53	20°11	23°45	26°53	0°56	5° 9	29° 5	16°30	22°10	8°41	10°21	16°29	n.a.	S 23
M24	15 58 15	29°52'37	25°59	21°45	24°59	27°31	1° 0	5°16	29° 7	16°29	22° 9	8°39	10°17	16°36	n.a.	M24
T 25	16 2 12	0♊49'46	10♋52	23°17	26°12	28° 9	1° 4	5°24	29° 9	16°27	22° 9	8°D38	10°14	16°43	n.a.	T 25
W26	16 6 8	1°46'55	25°27	24°46	27°26	28°47	1° 9	5°32	29°11	16°26	22° 9	8°39	10°11	16°49	n.a.	W26
T 27	16 10 5	2°44'03	9♌39	26°13	28°40	29°25	1°14	5°40	29°13	16°24	22° 9	8°41	10° 8	16°56	n.a.	T 27
F 28	16 14 1	3°41'11	23°27	27°37	29°53	0♓ 2	1°19	5°48	29°15	16°23	22° 8	8°42	10° 5	17° 3	n.a.	F 28
S 29	16 17 58	4°38'18	6♍52	28°59	1♊ 7	0°40	1°24	5°56	29°17	16°21	22° 8	8°R42	10° 2	17° 9	n.a.	S 29
S 30	16 21 54	5°35'25	19°56	0♋18	2°21	1°17	1°29	6° 3	29°19	16°19	22° 8	8°41	9°58	17°16	n.a.	S 30
M31	16 25 51	6♊32'31	2♎42	1♋35	3♊34	1♓54	1♍34	6♊11	29♓21	16♏18	22♍ 8	8♑39	9♑55	17♐23	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n18	9n13	3s42	14n 8	0n14	9n27	1s 4	19s 9	1s58	12n59	1n31	19n40	1s12	1s22	0s41	15s24	1n48	19n 9	17n39	23s17	23s11	25s 5		n.a.
S 2	14 37	3 50	4 23	15 1	0 24	9 55	1 2	18 59	2 0	12 59	1 31	19 42	1 12	1 20	0 41	15 23	1 48	19 9	17 39	23 17	23 12	25 5		n.a.
M 3	14 55	1s37	4 51	15 53	0 35	10 23	1 1	18 49	2 1	12 58	1 31	19 44	1 12	1 19	0 41	15 23	1 48	19 9	17 38	23 18	23 12	25 6		n.a.
T 4	15 13	6 53	5 3	16 43	0 45	10 51	0 59	18 39	2 3	12 58	1 31	19 45	1 12	1 18	0 41	15 22	1 48	19 9	17 38	23 18	23 12	25 6		n.a.
W 5	15 31	11 49	5 1	17 32	0 54	11 18	0 57	18 28	2 5	12 57	1 30	19 47	1 12	1 17	0 41	15 22	1 48	19 9	17 37	23 19	23 13	25 6		n.a.
T 6	15 49	16 11	4 45	18 18	1 3	11 45	0 55	18 18	2 6	12 57	1 30	19 48	1 11	1 16	0 41	15 21	1 48	19 9	17 37	23 20	23 13	25 6		n.a.
F 7	16 7	19 51	4 16	19 3	1 12	12 12	0 53	18 7	2 8	12 56	1 30	19 50	1 11	1 15	0 41	15 21	1 48	19 9	17 36	23 21	23 13	25 6		n.a.
S 8	16 24	22 37	3 36	19 45	1 20	12 39	0 51	17 56	2 10	12 55	1 30	19 52	1 11	1 14	0 41	15 20	1 48	19 9	17 36	23 21	23 13	25 6		n.a.
S 9	16 41	24 22	2 46	20 25	1 28	13 5	0 49	17 45	2 11	12 54	1 29	19 53	1 11	1 13	0 41	15 20	1 48	19 9	17 36	23 22	23 14	25 6		n.a.
M10	16 57	25 0	1 50	21 3	1 35	13 32	0 47	17 35	2 13	12 53	1 29	19 55	1 11	1 12	0 41	15 19	1 48	19 9	17 35	23 22	23 14	25 5		n.a.
T 11	17 14	24 30	0 49	21 38	1 41	13 57	0 45	17 24	2 15	12 52	1 29	19 56	1 11	1 11	0 41	15 19	1 48	19 9	17 35	23 22	23 14	25 5		n.a.
W12	17 30	22 54	0n15	22 10	1 47	14 23	0 43	17 13	2 17	12 51	1 29	19 58	1 11	1 10	0 42	15 19	1 48	19 9	17 34	23 22	23 14	25 5		n.a.
T 13	17 46	20 16	1 18	22 40	1 52	14 48	0 41	17 1	2 18	12 50	1 28	19 59	1 11	1 9	0 42	15 18	1 48	19 8	17 34	23 22	23 15	25 5		n.a.
F 14	18 1	16 44	2 19	23 7	1 56	15 13	0 39	16 50	2 20	12 49	1 28	20 1	1 11	1 8	0 42	15 18	1 48	19 8	17 33	23 22	23 15	25 5		n.a.
S 15	18 17	12 26	3 15	23 32	1 59	15 37	0 36	16 39	2 22	12 48	1 28	20 2	1 10	1 7	0 42	15 17	1 48	19 8	17 33	23 22	23 15	25 5		n.a.
S 16	18 32	7 29	4 3	23 54	2 2	16 1	0 34	16 28	2 23	12 47	1 28	20 4	1 10	1 6	0 42	15 17	1 48	19 8	17 32	23 22	23 15	25 5		n.a.
M17	18 46	2 5	4 40	24 14	2 4	16 25	0 32	16 16	2 25	12 45	1 27	20 6	1 10	1 5	0 42	15 16	1 48	19 8	17 32	23 22	23 16	25 5		n.a.
T 18	19 1	3n36	5 3	24 31	2 6	16 48	0 30	16 5	2 27	12 44	1 27	20 7	1 10	1 4	0 42	15 16	1 48	19 7	17 31	23 23	23 16	25 5		n.a.
W19	19 15	9 17	5 9	24 45	2 6	17 11	0 27	15 53	2 29	12 42	1 27	20 9	1 10	1 4	0 42	15 15	1 48	19 7	17 31	23 23	23 16	25 5		n.a.
T 20	19 29	14 40	4 56	24 58	2 6	17 33	0 25	15 42	2 30	12 41	1 27	20 10	1 10	1 3	0 42	15 15	1 48	19 7	17 30	23 23	23 16	25 5		n.a.
F 21	19 42	19 20	4 23	25 8	2 6	17 55	0 23	15 30	2 32	12 39	1 27	20 12	1 10	1 2	0 42	15 15	1 48	19 7	17 30	23 24	23 17	25 5		n.a.
S 22	19 55	22 49	3 32	25 16	2 4	18 16	0 20	15 19	2 34	12 38	1 26	20 13	1 10	1 1	0 42	15 14	1 48	19 6	17 29	23 24	23 17	25 5		n.a.
S 23	20 8	24 43	2 25	25 21	2 2	18 37	0 18	15 7	2 36	12 36	1 26	20 15	1 10	1 0	0 42	15 14	1 48	19 6	17 28	23 24	23 17	25 5		n.a.
M24	20 20	24 46	1 8	25 25	1 59	18 58	0 16	14 55	2 37	12 34	1 26	20 16	1 10	0 59	0 42	15 13	1 48	19 6	17 28	23 25	23 17	25 4		n.a.
T 25	20 33	23 3	0s12	25 27	1 56	19 18	0 13	14 44	2 39	12 32	1 26	20 18	1 9	0 59	0 42	15 13	1 48	19 5	17 27	23 25	23 18	25 4		n.a.
W26	20 44	19 48	1 30	25 27	1 52	19 37	0 11	14 32	2 41	12 31	1 25	20 19	1 9	0 58	0 42	15 12	1 48	19 5	17 27	23 25	23 18	25 4		n.a.
T 27	20 56	15 26	2 41	25 25	1 47	19 56	0 9	14 20	2 43	12 29	1 25	20 21	1 9	0 57	0 42	15 12	1 48	19 5	17 26	23 24	23 18	25 4		n.a.
F 28	21 7	10 23	3 40	25 22	1 41	20 14	0 6	14 8	2 44	12 27	1 25	20 22	1 9	0 56	0 42	15 12	1 48	19 4	17 26	23 24	23 18	25 4		n.a.
S 29	21 18	4 58	4 26	25 17	1 35	20 32	0 4	13 57	2 46	12 25	1 25	20 24	1 9	0 56	0 42	15 11	1 48	19 4	17 25	23 24	23 19	25 4		n.a.
S 30	21 28	0s30	4 56	25 10	1 29	20 50	0 2	13 45	2 48	12 23	1 24	20 25	1 9	0 55	0 42	15 11	1 48	19 3	17 25	23 24	23 19	25 4		n.a.
M31	21n38	5s49	5s11	25n 3	1n21	21n 6	0n 1	13s33	2s50	12n20	1n24	20n26	1s 9	0s54	0s42	15s10	1n48	19n 3	17n24	23s25	23s19	25s 3		n.a.

Julian Day Number = 1721178.5, Delta T = 02h55m53s
Ecliptic obliquity = 23°41'44, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°04'14, Lahiri = - 3°57'14 Julian Calendar 1 May 1 BCE == Greg. Calendar 29 Apr. 001 BCE

The year 000 astronomical counting style corresponds to year 001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1 BCE
geocentric

JUNE 1 BCE (0) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 29 48	7♊29'37	15♎12	2♋48	4♊48	2♓31	1♍40	6♊19	29♓22	16°R16	22°R 8	8°R35	9♑52	17♐29	n.a.	T 1
W 2	16 33 44	8°26'43	27°29	3°59	6° 1	3° 7	1°45	6°27	29°24	16♏15	22♍ 8	8♑31	9°49	17°36	n.a.	W 2
T 3	16 37 41	9°23'49	9♏37	5° 7	7°15	3°44	1°51	6°35	29°26	16°14	22° 7	8°26	9°46	17°43	n.a.	T 3
F 4	16 41 37	10°20'54	21°36	6°13	8°29	4°20	1°57	6°43	29°27	16°12	22°D 7	8°21	9°43	17°49	n.a.	F 4
S 5	16 45 34	11°18'00	3♐30	7°15	9°42	4°56	2° 3	6°51	29°29	16°11	22° 7	8°17	9°39	17°56	n.a.	S 5
S 6	16 49 30	12°15'05	15°20	8°14	10°56	5°32	2° 9	6°58	29°31	16° 9	22° 8	8°14	9°36	18° 3	n.a.	S 6
M 7	16 53 27	13°12'11	27° 8	9°10	12°10	6° 7	2°15	7° 6	29°32	16° 8	22° 8	8°12	9°33	18° 9	n.a.	M 7
T 8	16 57 23	14° 9'17	8♑56	10° 3	13°24	6°43	2°22	7°14	29°33	16° 6	22° 8	8°D12	9°30	18°16	n.a.	T 8
W 9	17 1 20	15° 6'23	20°48	10°52	14°37	7°18	2°28	7°22	29°35	16° 5	22° 8	8°12	9°27	18°23	n.a.	W 9
T 10	17 5 17	16° 3'30	2♒46	11°38	15°51	7°53	2°35	7°30	29°36	16° 4	22° 8	8°13	9°23	18°29	n.a.	T 10
F 11	17 9 13	17° 0'37	14°54	12°21	17° 5	8°28	2°42	7°37	29°37	16° 2	22° 8	8°15	9°20	18°36	n.a.	F 11
S 12	17 13 10	17°57'45	27°15	12°59	18°19	9° 2	2°49	7°45	29°39	16° 1	22° 9	8°16	9°17	18°42	n.a.	S 12
S 13	17 17 6	18°54'53	9♓54	13°33	19°32	9°37	2°56	7°53	29°40	16° 0	22° 9	8°17	9°14	18°49	n.a.	S 13
M14	17 21 3	19°52'02	22°54	14° 4	20°46	10°11	3° 3	8° 1	29°41	15°59	22° 9	8°R18	9°11	18°56	n.a.	M14
T 15	17 24 59	20°49'11	6♈19	14°30	22° 0	10°44	3°11	8° 8	29°42	15°57	22°10	8°17	9° 8	19° 2	n.a.	T 15
W16	17 28 56	21°46'21	20°10	14°52	23°14	11°18	3°18	8°16	29°43	15°56	22°10	8°16	9° 4	19° 9	n.a.	W16
T 17	17 32 52	22°43'32	4♉27	15°10	24°28	11°51	3°26	8°24	29°44	15°55	22°10	8°14	9° 1	19°16	n.a.	T 17
F 18	17 36 49	23°40'44	19° 8	15°22	25°42	12°24	3°34	8°32	29°45	15°54	22°11	8°12	8°58	19°22	n.a.	F 18
S 19	17 40 46	24°37'56	4♊ 7	15°30	26°55	12°57	3°42	8°39	29°46	15°52	22°11	8°11	8°55	19°29	n.a.	S 19
S 20	17 44 42	25°35'09	19°16	15°R34	28° 9	13°29	3°50	8°47	29°47	15°51	22°12	8° 9	8°52	19°36	n.a.	S 20
M21	17 48 39	26°32'23	4♋27	15°32	29°23	14° 1	3°58	8°55	29°48	15°50	22°12	8°D 9	8°49	19°42	n.a.	M21
T 22	17 52 35	27°29'38	19°29	15°26	0♌37	14°33	4° 6	9° 2	29°49	15°49	22°13	8° 9	8°45	19°49	n.a.	T 22
W23	17 56 32	28°26'53	4♌15	15°14	1°51	15° 5	4°14	9°10	29°49	15°48	22°14	8°10	8°42	19°56	n.a.	W23
T 24	18 0 28	29°24'08	18°39	14°58	3° 5	15°36	4°23	9°17	29°50	15°47	22°14	8°10	8°39	20° 2	n.a.	T 24
F 25	18 4 25	0♍21'24	2♍37	14°37	4°19	16° 6	4°31	9°25	29°51	15°46	22°15	8°11	8°36	20° 9	n.a.	F 25
S 26	18 8 22	1°18'40	16° 9	14°11	5°33	16°37	4°40	9°32	29°51	15°45	22°16	8°12	8°33	20°16	n.a.	S 26
S 27	18 12 18	2°15'57	29°16	13°42	6°47	17° 7	4°49	9°40	29°52	15°44	22°16	8°R12	8°29	20°22	n.a.	S 27
M28	18 16 15	3°13'14	12♎ 1	13° 8	8° 1	17°37	4°58	9°47	29°52	15°43	22°17	8°12	8°26	20°29	n.a.	M28
T 29	18 20 11	4°10'32	24°27	12°31	9°15	18° 6	5° 7	9°55	29°53	15°42	22°18	8°12	8°23	20°36	n.a.	T 29
W30	18 24 8	5♋ 7'50	6♏38	11♋51	10♋29	18♓35	5♍16	10♊ 2	29♓53	15♏41	22♍19	8♑11	8♑20	20♐42	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n48	10s48	5s10	24n53	1n14	21n22	0n 3	13s21	2s52	12n18	1n24	20n28	1s 9	0s54	0s42	15s10	1n48	19n 2	17n24	23s25	23s19	25s 3		n.a.
W 2	21 57	15 17	4 56	24 43	1 5	21 38	0 6	13 9	2 53	12 16	1 24	20 29	1 9	0 53	0 42	15 9	1 48	19 2	17 23	23 25	23 20	25 3		n.a.
T 3	22 6	19 4	4 28	24 32	0 56	21 53	0 8	12 58	2 55	12 14	1 24	20 31	1 9	0 52	0 42	15 9	1 48	19 1	17 22	23 25	23 20	25 3		n.a.
F 4	22 14	22 2	3 48	24 20	0 47	22 7	0 10	12 46	2 57	12 11	1 23	20 32	1 9	0 52	0 42	15 9	1 48	19 1	17 22	23 26	23 20	25 3		n.a.
S 5	22 22	24 0	2 59	24 6	0 37	22 21	0 13	12 34	2 59	12 9	1 23	20 33	1 9	0 51	0 42	15 8	1 48	19 0	17 21	23 26	23 20	25 2		n.a.
S 6	22 30	24 54	2 3	23 52	0 26	22 34	0 15	12 22	3 0	12 6	1 23	20 35	1 8	0 50	0 42	15 8	1 48	19 0	17 21	23 26	23 21	25 2		n.a.
M 7	22 38	24 40	1 1	23 38	0 15	22 47	0 17	12 11	3 2	12 4	1 23	20 36	1 8	0 50	0 42	15 8	1 48	18 59	17 20	23 26	23 21	25 2		n.a.
T 8	22 45	23 19	0n 4	23 22	0 4	22 58	0 20	11 59	3 4	12 1	1 22	20 38	1 8	0 49	0 42	15 7	1 47	18 59	17 20	23 26	23 21	25 2		n.a.
W 9	22 51	20 56	1 9	23 6	0s 8	23 10	0 22	11 47	3 6	11 59	1 22	20 39	1 8	0 49	0 42	15 7	1 47	18 58	17 19	23 26	23 21	25 2		n.a.
T 10	22 57	17 37	2 12	22 50	0 21	23 20	0 24	11 36	3 8	11 56	1 22	20 40	1 8	0 48	0 42	15 6	1 47	18 58	17 18	23 26	23 22	25 1		n.a.
F 11	23 3	13 32	3 9	22 34	0 33	23 30	0 26	11 24	3 9	11 53	1 22	20 42	1 8	0 48	0 42	15 6	1 47	18 57	17 18	23 26	23 22	25 1		n.a.
S 12	23 9	8 49	3 59	22 17	0 47	23 39	0 29	11 13	3 11	11 51	1 22	20 43	1 8	0 47	0 42	15 6	1 47	18 56	17 17	23 26	23 22	25 1		n.a.
S 13	23 14	3 39	4 38	22 0	1 0	23 47	0 31	11 1	3 13	11 48	1 21	20 44	1 8	0 47	0 42	15 5	1 47	18 56	17 17	23 26	23 22	25 1		n.a.
M14	23 18	1n49	5 5	21 43	1 14	23 55	0 33	10 50	3 15	11 45	1 21	20 46	1 8	0 46	0 42	15 5	1 47	18 55	17 16	23 26	23 22	25 0		n.a.
T 15	23 22	7 22	5 16	21 26	1 28	24 2	0 35	10 38	3 16	11 42	1 21	20 47	1 8	0 46	0 42	15 5	1 47	18 54	17 16	23 26	23 23	25 0		n.a.
W16	23 26	12 44	5 10	21 10	1 42	24 9	0 37	10 27	3 18	11 39	1 21	20 48	1 8	0 46	0 42	15 4	1 47	18 54	17 15	23 26	23 23	25 0		n.a.
T 17	23 30	17 35	4 44	20 53	1 57	24 14	0 40	10 16	3 20	11 36	1 21	20 49	1 8	0 45	0 43	15 4	1 47	18 53	17 14	23 26	23 23	25 0		n.a.
F 18	23 33	21 31	3 59	20 37	2 11	24 19	0 42	10 5	3 22	11 33	1 20	20 51	1 8	0 45	0 43	15 4	1 47	18 52	17 14	23 26	23 23	24 59		n.a.
S 19	23 35	24 6	2 58	20 22	2 26	24 23	0 44	9 54	3 24	11 30	1 20	20 52	1 8	0 45	0 43	15 4	1 47	18 52	17 13	23 26	23 24	24 59		n.a.
S 20	23 37	24 58	1 43	20 7	2 40	24 27	0 46	9 43	3 25	11 27	1 20	20 53	1 8	0 44	0 43	15 3	1 47	18 51	17 13	23 26	23 24	24 59		n.a.
M21	23 39	23 58	0 21	19 53	2 54	24 29	0 48	9 32	3 27	11 24	1 20	20 54	1 8	0 44	0 43	15 3	1 47	18 50	17 12	23 26	23 24	24 58		n.a.
T 22	23 40	21 14	1s 3	19 40	3 8	24 31	0 50	9 21	3 29	11 21	1 20	20 56	1 8	0 44	0 43	15 3	1 47	18 49	17 12	23 26	23 24	24 58		n.a.
W23	23 41	17 8	2 20	19 28	3 22	24 32	0 52	9 10	3 31	11 17	1 20	20 57	1 8	0 43	0 43	15 2	1 47	18 49	17 11	23 26	23 24	24 58		n.a.
T 24	23 42	12 8	3 26	19 17	3 35	24 33	0 53	9 0	3 33	11 14	1 19	20 58	1 8	0 43	0 43	15 2	1 47	18 48	17 10	23 26	23 25	24 57		n.a.
F 25	23 42	6 38	4 19	19 7	3 47	24 33	0 55	8 49	3 34	11 11	1 19	20 59	1 7	0 43	0 43	15 2	1 47	18 47	17 10	23 26	23 25	24 57		n.a.
S 26	23 41	1 0	4 54	18 58	3 59	24 32	0 57	8 39	3 36	11 7	1 19	21 0	1 7	0 43	0 43	15 2	1 47	18 46	17 9	23 26	23 25	24 57		n.a.
S 27	23 41	4s29	5 14	18 51	4 10	24 30	0 59	8 29	3 38	11 4	1 19	21 2	1 7	0 42	0 43	15 1	1 47	18 46	17 9	23 26	23 25	24 56		n.a.
M28	23 39	9 39	5 17	18 45	4 19	24 27	1 1	8 18	3 40	11 1	1 19	21 3	1 7	0 42	0 43	15 1	1 47	18 45	17 8	23 26	23 25	24 56		n.a.
T 29	23 38	14 17	5 5	18 40	4 27	24 24	1 2	8 8	3 41	10 57	1 18	21 4	1 7	0 42	0 43	15 1	1 47	18 44	17 8	23 26	23 26	24 56		n.a.
W30	23n36	18s16	4s39	18n37	4s34	24n20	1n 4	7s58	3s43	10n53	1n18	21n 5	1s 7	0s42	0s43	15s 1	1n47	18n43	17n 7	23s26	23s26	24s55		n.a.

Julian Day Number = 1721209.5, Delta T = 02h55m52s
Ecliptic obliquity = 23°41'43, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°04'10, Lahiri = - 3°57'10 Julian Calendar 1 June 1 BCE == Greg. Calendar 30 May 001 BCE

The year 000 astronomical counting style corresponds to year 001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1 BCE
geocentric

JULY 1 BCE (0) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 28 4	6♋ 5'09	18♏38	11°R 8	11♋43	19♓ 4	5♍25	10♊ 9	29♓54	15°R40	22♍20	8°R11	8♉17	20♐49	n.a.	T 1
F 2	18 32 1	7° 2'29	0♐31	10♋24	12°57	19°32	5°35	10°17	29°54	15♏39	22°21	8♉11	8°14	20°56	n.a.	F 2
S 3	18 35 57	7°59'50	12°21	9°39	14°11	20° 0	5°44	10°24	29°54	15°38	22°22	8°D11	8°10	21° 2	n.a.	S 3
S 4	18 39 54	8°57'12	24° 9	8°54	15°25	20°28	5°53	10°31	29°54	15°38	22°23	8°11	8° 7	21° 9	n.a.	S 4
M 5	18 43 51	9°54'35	5♉58	8° 9	16°39	20°55	6° 3	10°38	29°55	15°37	22°24	8°R11	8° 4	21°16	n.a.	M 5
T 6	18 47 47	10°51'58	17°52	7°26	17°53	21°21	6°13	10°46	29°55	15°36	22°25	8°11	8° 1	21°22	n.a.	T 6
W 7	18 51 44	11°49'23	29°52	6°46	19° 7	21°48	6°23	10°53	29°55	15°35	22°26	8°11	7°58	21°29	n.a.	W 7
T 8	18 55 40	12°46'49	11♒59	6° 9	20°21	22°14	6°32	11° 0	29°R55	15°35	22°27	8°10	7°55	21°35	n.a.	T 8
F 9	18 59 37	13°44'16	24°17	5°35	21°35	22°39	6°42	11° 7	29°55	15°34	22°28	8° 9	7°51	21°42	n.a.	F 9
S 10	19 3 33	14°41'45	6♓48	5° 6	22°49	23° 4	6°53	11°14	29°55	15°33	22°29	8° 9	7°48	21°49	n.a.	S 10
S 11	19 7 30	15°39'15	19°33	4°43	24° 3	23°28	7° 3	11°21	29°54	15°33	22°30	8° 8	7°45	21°55	n.a.	S 11
M12	19 11 26	16°36'46	2♈36	4°25	25°17	23°52	7°13	11°28	29°54	15°32	22°32	8° 7	7°42	22° 2	n.a.	M12
T 13	19 15 23	17°34'19	15°58	4°13	26°31	24°16	7°23	11°35	29°54	15°31	22°33	8°D 7	7°39	22° 9	n.a.	T 13
W14	19 19 20	18°31'54	29°41	4°D 8	27°45	24°39	7°34	11°42	29°54	15°31	22°34	8° 7	7°35	22°15	n.a.	W14
T 15	19 23 16	19°29'30	13♉46	4°10	29° 0	25° 1	7°44	11°48	29°53	15°30	22°35	8° 8	7°32	22°22	n.a.	T 15
F 16	19 27 13	20°27'08	28°11	4°19	0♌14	25°23	7°55	11°55	29°53	15°30	22°37	8° 9	7°29	22°29	n.a.	F 16
S 17	19 31 9	21°24'48	12♊53	4°35	1°28	25°44	8° 5	12° 2	29°53	15°30	22°38	8°10	7°26	22°35	n.a.	S 17
S 18	19 35 6	22°22'29	27°48	4°58	2°42	26° 5	8°16	12° 9	29°52	15°29	22°40	8°10	7°23	22°42	n.a.	S 18
M19	19 39 2	23°20'12	12♋49	5°29	3°56	26°25	8°27	12°15	29°52	15°29	22°41	8°R11	7°20	22°49	n.a.	M19
T 20	19 42 59	24°17'56	27°46	6° 6	5°10	26°45	8°38	12°22	29°51	15°28	22°43	8°10	7°16	22°55	n.a.	T 20
W21	19 46 56	25°15'42	12♌32	6°51	6°25	27° 4	8°49	12°28	29°50	15°28	22°44	8° 8	7°13	23° 2	n.a.	W21
T 22	19 50 52	26°13'29	27° 0	7°43	7°39	27°22	9° 0	12°35	29°50	15°28	22°46	8° 6	7°10	23° 9	n.a.	T 22
F 23	19 54 49	27°11'17	11♍ 4	8°41	8°53	27°40	9°11	12°41	29°49	15°28	22°47	8° 4	7° 7	23°15	n.a.	F 23
S 24	19 58 45	28° 9'07	24°42	9°47	10° 7	27°57	9°22	12°47	29°48	15°27	22°49	8° 1	7° 4	23°22	n.a.	S 24
S 25	20 2 42	29° 6'58	7♎54	10°58	11°21	28°13	9°33	12°54	29°47	15°27	22°50	7°59	7° 1	23°29	n.a.	S 25
M26	20 6 38	0♏ 4'50	20°42	12°15	12°36	28°29	9°45	13° 0	29°46	15°27	22°52	7°58	6°57	23°35	n.a.	M26
T 27	20 10 35	1° 2'44	3♏ 9	13°38	13°50	28°44	9°56	13° 6	29°46	15°27	22°53	7°D58	6°54	23°42	n.a.	T 27
W28	20 14 31	2° 0'39	15°19	15° 6	15° 4	28°58	10° 8	13°12	29°45	15°27	22°55	7°58	6°51	23°49	n.a.	W28
T 29	20 18 28	2°58'36	27°17	16°39	16°18	29°12	10°19	13°18	29°44	15°27	22°57	8° 0	6°48	23°55	n.a.	T 29
F 30	20 22 24	3°56'34	9♐ 7	18°16	17°33	29°25	10°31	13°24	29°43	15°D27	22°59	8° 1	6°45	24° 2	n.a.	F 30
S 31	20 26 21	4♌54'33	20♐55	19♋57	18♌47	29♓37	10♍42	13♊30	29♓41	15♏27	23♍ 0	8♉ 3	6♉41	24♐ 8	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n33	21s25	4s 2	18n35	4s39	24n16	1n 6	7s49	3s45	10n50	1n18	21n 6	1s 7	0s42	0s43	15s 1	1n46	18n42	17n 7	23s26	23s26	24s55			n.a.
F 2	23 30	23 39	3 14	18 35	4 43	24 10	1 7	7 39	3 47	10 46	1 18	21 7	1 7	0 42	0 43	15 0	1 46	18 41	17 6	23 26	23 26	24 55			n.a.
S 3	23 27	24 48	2 19	18 36	4 45	24 4	1 9	7 29	3 48	10 43	1 18	21 8	1 7	0 42	0 43	15 0	1 46	18 40	17 5	23 26	23 26	24 54			n.a.
S 4	23 23	24 51	1 17	18 39	4 45	23 57	1 10	7 20	3 50	10 39	1 18	21 9	1 7	0 42	0 43	15 0	1 46	18 40	17 5	23 26	23 27	24 54			n.a.
M 5	23 19	23 46	0 12	18 43	4 44	23 50	1 11	7 11	3 52	10 35	1 17	21 10	1 7	0 42	0 43	15 0	1 46	18 39	17 4	23 26	23 27	24 54			n.a.
T 6	23 15	21 36	0n54	18 49	4 40	23 41	1 13	7 2	3 53	10 31	1 17	21 11	1 7	0 42	0 43	15 0	1 46	18 38	17 4	23 26	23 27	24 53			n.a.
W 7	23 10	18 29	1 58	18 56	4 35	23 32	1 14	6 53	3 55	10 28	1 17	21 12	1 7	0 42	0 43	14 59	1 46	18 37	17 3	23 26	23 27	24 53			n.a.
T 8	23 4	14 33	2 57	19 5	4 29	23 22	1 15	6 44	3 57	10 24	1 17	21 14	1 7	0 42	0 43	14 59	1 46	18 36	17 3	23 26	23 27	24 52			n.a.
F 9	22 59	9 58	3 49	19 15	4 20	23 12	1 16	6 35	3 59	10 20	1 17	21 15	1 7	0 42	0 43	14 59	1 46	18 35	17 2	23 26	23 28	24 52			n.a.
S 10	22 53	4 55	4 31	19 26	4 10	23 1	1 18	6 27	4 0	10 16	1 17	21 16	1 7	0 42	0 43	14 59	1 46	18 34	17 2	23 27	23 28	24 51			n.a.
S 11	22 46	0n25	5 1	19 38	3 59	22 49	1 19	6 19	4 2	10 12	1 17	21 17	1 7	0 42	0 43	14 59	1 46	18 33	17 1	23 27	23 28	24 51			n.a.
M12	22 39	5 52	5 16	19 51	3 47	22 37	1 20	6 11	4 4	10 8	1 16	21 17	1 7	0 42	0 43	14 59	1 46	18 32	17 1	23 27	23 28	24 51			n.a.
T 13	22 32	11 10	5 14	20 5	3 33	22 23	1 21	6 3	4 5	10 4	1 16	21 18	1 7	0 42	0 43	14 59	1 46	18 31	17 0	23 27	23 28	24 50			n.a.
W14	22 24	16 4	4 55	20 19	3 19	22 10	1 21	5 55	4 7	10 0	1 16	21 19	1 7	0 42	0 43	14 59	1 46	18 30	17 0	23 27	23 29	24 50			n.a.
T 15	22 16	20 14	4 18	20 34	3 4	21 55	1 22	5 48	4 9	9 56	1 16	21 20	1 7	0 42	0 43	14 58	1 46	18 29	16 59	23 27	23 29	24 49			n.a.
F 16	22 7	23 17	3 24	20 49	2 48	21 40	1 23	5 40	4 10	9 52	1 16	21 21	1 7	0 43	0 43	14 58	1 46	18 28	16 59	23 27	23 29	24 49			n.a.
S 17	21 58	24 50	2 16	21 5	2 32	21 24	1 24	5 33	4 12	9 48	1 16	21 22	1 7	0 43	0 43	14 58	1 46	18 27	16 58	23 26	23 29	24 48			n.a.
S 18	21 49	24 38	0 57	21 21	2 16	21 8	1 24	5 26	4 13	9 43	1 16	21 23	1 7	0 43	0 44	14 58	1 46	18 26	16 58	23 26	23 29	24 48			n.a.
M19	21 39	22 39	0s26	21 36	1 59	20 51	1 25	5 20	4 15	9 39	1 15	21 24	1 7	0 43	0 44	14 58	1 45	18 25	16 57	23 26	23 29	24 47			n.a.
T 20	21 29	19 6	1 46	21 51	1 42	20 33	1 25	5 13	4 16	9 35	1 15	21 25	1 7	0 44	0 44	14 58	1 45	18 24	16 57	23 26	23 30	24 47			n.a.
W21	21 19	14 22	2 59	22 5	1 26	20 15	1 26	5 7	4 18	9 31	1 15	21 26	1 7	0 44	0 44	14 58	1 45	18 23	16 56	23 27	23 30	24 46			n.a.
T 22	21 8	8 55	3 58	22 18	1 10	19 56	1 26	5 1	4 20	9 26	1 15	21 26	1 7	0 44	0 44	14 58	1 45	18 22	16 56	23 27	23 30	24 46			n.a.
F 23	20 57	3 9	4 41	22 31	0 54	19 37	1 27	4 55	4 21	9 22	1 15	21 27	1 7	0 44	0 44	14 58	1 45	18 21	16 55	23 27	23 30	24 45			n.a.
S 24	20 45	2s34	5 7	22 42	0 38	19 17	1 27	4 50	4 23	9 18	1 15	21 28	1 7	0 45	0 44	14 58	1 45	18 20	16 55	23 27	23 30	24 45			n.a.
S 25	20 33	7 59	5 16	22 51	0 23	18 57	1 27	4 45	4 24	9 13	1 15	21 29	1 7	0 45	0 44	14 58	1 45	18 19	16 55	23 27	23 30	24 44			n.a.
M26	20 21	12 54	5 8	22 59	0 9	18 36	1 27	4 40	4 25	9 9	1 15	21 30	1 7	0 45	0 44	14 58	1 45	18 18	16 54	23 27	23 31	24 44			n.a.
T 27	20 8	17 9	4 46	23 4	0n 5	18 14	1 27	4 35	4 27	9 4	1 14	21 30	1 7	0 46	0 44	14 58	1 45	18 17	16 54	23 27	23 31	24 43			n.a.
W28	19 55	20 36	4 11	23 8	0 18	17 52	1 27	4 30	4 28	9 0	1 14	21 31	1 7	0 46	0 44	14 58	1 45	18 16	16 53	23 27	23 31	24 43			n.a.
T 29	19 42	23 6	3 26	23 9	0 30	17 30	1 27	4 26	4 30	8 55	1 14	21 32	1 7	0 47	0 44	14 58	1 45	18 15	16 53	23 27	23 31	24 42			n.a.
F 30	19 28	24 34	2 33	23 7	0 42	17 7	1 27	4 22	4 31	8 51	1 14	21 33	1 7	0 47	0 44	14 58	1 45	18 14	16 52	23 27	23 31	24 42			n.a.
S 31	19n15	24s56	1s33	23n 3	0n52	16n44	1n27	4s18	4s32	8n46	1n14	21n33	1s 7	0s48	0s44	14s58	1n45	18n13	16n52	23s27	23s31	24s41			n.a.

Julian Day Number = 1721239.5, Delta T = 02h55m51s
Ecliptic obliquity = 23°41'43, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°04'06, Lahiri = - 3°57'05 Julian Calendar 1 July 1 BCE == Greg. Calendar 29 June 001 BCE

The year 000 astronomical counting style corresponds to year 001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1 BCE
geocentric

AUGUST 1 BCE (0) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 30 18	5♌52'34	2♉44	21♋41	20♌ 1	29♓49	10♍54	13♊36	29°R40	15♏27	23♍ 2	8°R 4	6♉38	24♐15	n.a.	S 1
M 2	20 34 14	6°50'37	14°38	23°28	21°15	29°59	11° 6	13°42	29♓39	15°27	23° 4	8♉ 4	6°35	24°22	n.a.	M 2
T 3	20 38 11	7°48'41	26°39	25°18	22°29	0♈10	11°18	13°47	29°38	15°27	23° 6	8° 2	6°32	24°28	n.a.	T 3
W 4	20 42 7	8°46'47	8♒51	27°10	23°44	0°19	11°30	13°53	29°37	15°27	23° 8	8° 0	6°29	24°35	n.a.	W 4
T 5	20 46 4	9°44'55	21°13	29° 3	24°58	0°27	11°41	13°58	29°35	15°27	23° 9	7°55	6°26	24°42	n.a.	T 5
F 6	20 50 0	10°43'05	3♓47	0♌58	26°12	0°35	11°53	14° 4	29°34	15°28	23°11	7°50	6°22	24°48	n.a.	F 6
S 7	20 53 57	11°41'16	16°35	2°53	27°26	0°42	12° 5	14° 9	29°33	15°28	23°13	7°44	6°19	24°55	n.a.	S 7
S 8	20 57 53	12°39'30	29°35	4°49	28°41	0°48	12°17	14°15	29°31	15°28	23°15	7°39	6°16	25° 2	n.a.	S 8
M 9	21 1 50	13°37'45	12♈50	6°45	29°55	0°53	12°30	14°20	29°30	15°28	23°17	7°35	6°13	25° 8	n.a.	M 9
T 10	21 5 47	14°36'03	26°18	8°41	1♍ 9	0°57	12°42	14°25	29°28	15°29	23°19	7°31	6°10	25°15	n.a.	T 10
W11	21 9 43	15°34'23	10♉ 0	10°37	2°23	1° 1	12°54	14°30	29°27	15°29	23°21	7°D30	6° 6	25°22	n.a.	W11
T 12	21 13 40	16°32'46	23°56	12°32	3°37	1° 4	13° 6	14°35	29°25	15°29	23°23	7°30	6° 3	25°28	n.a.	T 12
F 13	21 17 36	17°31'10	8♊ 6	14°27	4°52	1° 5	13°19	14°40	29°24	15°30	23°25	7°31	6° 0	25°35	n.a.	F 13
S 14	21 21 33	18°29'37	22°29	16°21	6° 6	1°R 6	13°31	14°45	29°22	15°30	23°27	7°32	5°57	25°42	n.a.	S 14
S 15	21 25 29	19°28'07	7♋ 1	18°15	7°20	1° 6	13°43	14°50	29°20	15°31	23°29	7°R33	5°54	25°48	n.a.	S 15
M16	21 29 26	20°26'38	21°39	20° 7	8°34	1° 5	13°56	14°55	29°19	15°31	23°31	7°32	5°51	25°55	n.a.	M16
T 17	21 33 22	21°25'12	6♌18	21°59	9°49	1° 3	14° 8	14°59	29°17	15°32	23°33	7°30	5°47	26° 1	n.a.	T 17
W18	21 37 19	22°23'47	20°50	23°50	11° 3	1° 1	14°21	15° 4	29°15	15°33	23°35	7°25	5°44	26° 8	n.a.	W18
T 19	21 41 16	23°22'25	5♍ 9	25°40	12°17	0°57	14°33	15° 8	29°13	15°33	23°38	7°18	5°41	26°15	n.a.	T 19
F 20	21 45 12	24°21'04	19°10	27°29	13°31	0°53	14°46	15°13	29°11	15°34	23°40	7°10	5°38	26°21	n.a.	F 20
S 21	21 49 9	25°19'45	2♎47	29°17	14°46	0°47	14°59	15°17	29° 9	15°35	23°42	7° 3	5°35	26°28	n.a.	S 21
S 22	21 53 5	26°18'29	16° 1	1♍ 4	16° 0	0°41	15°11	15°21	29° 7	15°35	23°44	6°55	5°32	26°35	n.a.	S 22
M23	21 57 2	27°17'14	28°51	2°50	17°14	0°34	15°24	15°25	29° 5	15°36	23°46	6°50	5°28	26°41	n.a.	M23
T 24	22 0 58	28°16'01	11♏19	4°34	18°28	0°26	15°37	15°29	29° 4	15°37	23°48	6°46	5°25	26°48	n.a.	T 24
W25	22 4 55	29°14'50	23°30	6°18	19°43	0°17	15°49	15°33	29° 1	15°38	23°51	6°45	5°22	26°55	n.a.	W25
T 26	22 8 51	0♍13'40	5♐27	8° 1	20°57	0° 7	16° 2	15°37	28°59	15°38	23°53	6°D44	5°19	27° 1	n.a.	T 26
F 27	22 12 48	1°12'33	17°18	9°43	22°11	29♓57	16°15	15°41	28°57	15°39	23°55	6°45	5°16	27° 8	n.a.	F 27
S 28	22 16 45	2°11'27	29° 6	11°24	23°25	29°46	16°28	15°44	28°55	15°40	23°57	6°46	5°12	27°15	n.a.	S 28
S 29	22 20 41	3°10'24	10♑57	13° 4	24°39	29°34	16°41	15°48	28°53	15°41	24° 0	6°R47	5° 9	27°21	n.a.	S 29
M30	22 24 38	4° 9'22	22°55	14°43	25°54	29°21	16°54	15°51	28°51	15°42	24° 2	6°45	5° 6	27°28	n.a.	M30
T 31	22 28 34	5♍ 8'22	5♒ 4	16♍21	27♍ 8	29♓ 8	17♍ 6	15♊55	28♓49	15♏43	24♍ 4	6♑41	5♑ 3	27♐35	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	19n 0	24s 9	0s29	22n56	1n 2	16n20	1n26	4s15	4s33	8n42	1n14	21n34	1s 7	0s48	0s44	14s58	1n45	18n12	16n52	23s27	23s32	24s40			n.a.
M 2	18 46	22 17	0n36	22 47	1 10	15 55	1 26	4 12	4 35	8 37	1 14	21 35	1 7	0 49	0 44	14 59	1 45	18 11	16 51	23 27	23 32	24 40			n.a.
T 3	18 31	19 25	1 40	22 35	1 18	15 31	1 26	4 9	4 36	8 32	1 14	21 35	1 7	0 49	0 44	14 59	1 44	18 9	16 51	23 27	23 32	24 39			n.a.
W 4	18 15	15 39	2 41	22 20	1 25	15 6	1 25	4 6	4 37	8 28	1 14	21 36	1 7	0 50	0 44	14 59	1 44	18 8	16 50	23 27	23 32	24 39			n.a.
T 5	18 0	11 12	3 34	22 3	1 31	14 40	1 25	4 3	4 38	8 23	1 14	21 37	1 7	0 50	0 44	14 59	1 44	18 7	16 50	23 27	23 32	24 38			n.a.
F 6	17 44	6 13	4 19	21 43	1 36	14 14	1 24	4 1	4 39	8 18	1 14	21 37	1 7	0 51	0 44	14 59	1 44	18 6	16 50	23 28	23 32	24 38			n.a.
S 7	17 28	0 54	4 51	21 20	1 40	13 48	1 23	3 59	4 40	8 14	1 13	21 38	1 7	0 51	0 44	14 59	1 44	18 5	16 49	23 28	23 33	24 37			n.a.
S 8	17 11	4n32	5 8	20 56	1 43	13 21	1 23	3 58	4 41	8 9	1 13	21 39	1 7	0 52	0 44	14 59	1 44	18 4	16 49	23 28	23 33	24 36			n.a.
M 9	16 55	9 52	5 10	20 29	1 45	12 54	1 22	3 57	4 42	8 4	1 13	21 39	1 7	0 53	0 44	14 59	1 44	18 3	16 49	23 29	23 33	24 36			n.a.
T 10	16 38	14 49	4 55	20 0	1 47	12 26	1 21	3 56	4 43	7 59	1 13	21 40	1 7	0 53	0 44	15 0	1 44	18 2	16 48	23 29	23 33	24 35			n.a.
W11	16 20	19 7	4 23	19 29	1 48	11 59	1 20	3 55	4 43	7 55	1 13	21 40	1 7	0 54	0 44	15 0	1 44	18 1	16 48	23 29	23 33	24 34			n.a.
T 12	16 3	22 25	3 35	18 57	1 48	11 30	1 19	3 55	4 44	7 50	1 13	21 41	1 7	0 54	0 44	15 0	1 44	18 0	16 48	23 29	23 33	24 34			n.a.
F 13	15 45	24 25	2 33	18 23	1 48	11 2	1 18	3 54	4 45	7 45	1 13	21 42	1 7	0 55	0 44	15 0	1 44	17 58	16 47	23 29	23 33	24 33			n.a.
S 14	15 27	24 50	1 21	17 48	1 47	10 33	1 17	3 55	4 45	7 40	1 13	21 42	1 7	0 56	0 44	15 0	1 44	17 57	16 47	23 29	23 34	24 33			n.a.
S 15	15 8	23 33	0 3	17 11	1 45	10 4	1 15	3 55	4 46	7 35	1 13	21 43	1 7	0 56	0 44	15 0	1 44	17 56	16 47	23 29	23 34	24 32			n.a.
M16	14 50	20 41	1s16	16 33	1 43	9 35	1 14	3 56	4 46	7 30	1 13	21 43	1 7	0 57	0 44	15 1	1 44	17 55	16 46	23 29	23 34	24 31			n.a.
T 17	14 31	16 29	2 29	15 55	1 40	9 6	1 13	3 57	4 47	7 25	1 13	21 44	1 7	0 58	0 44	15 1	1 44	17 54	16 46	23 29	23 34	24 31			n.a.
W18	14 12	11 21	3 33	15 15	1 37	8 36	1 11	3 58	4 47	7 20	1 13	21 44	1 7	0 59	0 44	15 1	1 44	17 53	16 46	23 29	23 34	24 30			n.a.
T 19	13 52	5 40	4 21	14 34	1 34	8 6	1 10	4 0	4 47	7 15	1 13	21 45	1 7	0 59	0 44	15 1	1 43	17 52	16 46	23 29	23 34	24 29			n.a.
F 20	13 33	0s 9	4 53	13 53	1 30	7 36	1 9	4 2	4 47	7 10	1 12	21 45	1 7	1 0	0 44	15 2	1 43	17 51	16 45	23 30	23 34	24 29			n.a.
S 21	13 13	5 48	5 7	13 11	1 26	7 5	1 7	4 4	4 47	7 5	1 12	21 46	1 7	1 1	0 44	15 2	1 43	17 50	16 45	23 30	23 35	24 28			n.a.
S 22	12 53	11 2	5 4	12 29	1 21	6 35	1 5	4 6	4 47	7 0	1 12	21 46	1 7	1 2	0 44	15 2	1 43	17 48	16 45	23 31	23 35	24 27			n.a.
M23	12 33	15 37	4 46	11 46	1 16	6 4	1 4	4 9	4 47	6 55	1 12	21 46	1 7	1 3	0 44	15 2	1 43	17 47	16 45	23 31	23 35	24 26			n.a.
T 24	12 12	19 24	4 14	11 2	1 11	5 33	1 2	4 12	4 46	6 50	1 12	21 47	1 7	1 3	0 44	15 3	1 43	17 46	16 44	23 31	23 35	24 26			n.a.
W25	11 51	22 15	3 32	10 19	1 6	5 2	1 0	4 15	4 46	6 45	1 12	21 47	1 7	1 4	0 44	15 3	1 43	17 45	16 44	23 31	23 35	24 25			n.a.
T 26	11 31	24 4	2 40	9 35	1 0	4 31	0 58	4 18	4 46	6 40	1 12	21 48	1 7	1 5	0 44	15 3	1 43	17 44	16 44	23 31	23 35	24 24			n.a.
F 27	11 10	24 47	1 43	8 51	0 54	4 0	0 56	4 22	4 45	6 35	1 12	21 48	1 7	1 6	0 44	15 4	1 43	17 43	16 44	23 31	23 35	24 24			n.a.
S 28	10 48	24 23	0 41	8 7	0 48	3 28	0 54	4 26	4 44	6 30	1 12	21 48	1 7	1 7	0 44	15 4	1 43	17 42	16 43	23 31	23 35	24 23			n.a.
S 29	10 27	22 52	0n22	7 22	0 42	2 57	0 52	4 30	4 43	6 25	1 12	21 49	1 7	1 8	0 44	15 4	1 43	17 41	16 43	23 31	23 36	24 22			n.a.
M30	10 5	20 19	1 25	6 38	0 36	2 25	0 50	4 34	4 42	6 20	1 12	21 49	1 8	1 8	0 45	15 5	1 43	17 40	16 43	23 31	23 36	24 21			n.a.
T 31	9n44	16s51	2n26	5n53	0n29	1n53	0n48	4s39	4s41	6n15	1n12	21n49	1s 8	1s 9	0s45	15s 5	1n43	17n39	16n43	23s31	23s36	24s21			n.a.

Julian Day Number = 1721270.5, Delta T = 02h55m50s
Ecliptic obliquity = 23°41'43, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°04'02, Lahiri = - 3°57'01 Julian Calendar 1 Aug. 1 BCE == Greg. Calendar 30 July 001 BCE

The year 000 astronomical counting style corresponds to year 001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1 BCE
geocentric

SEPTEMBER 1 BCE (0) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 32 31	6♍ 7'24	17♒27	17♍59	28♍22	28°R53	17♍19	15♊58	28°R47	15♏44	24♍ 7	6°R35	5♉ 0	27♐41	n.a.	W 1
T 2	22 36 27	7° 6'28	0♓ 6	19°35	29°36	28♓39	17°32	16° 1	28♓44	15°45	24° 9	6♉27	4°57	27°48	n.a.	T 2
F 3	22 40 24	8° 5'34	13° 1	21°11	0♎50	28°23	17°45	16° 4	28°42	15°46	24°11	6°16	4°53	27°54	n.a.	F 3
S 4	22 44 20	9° 4'43	26°11	22°45	2° 4	28° 7	17°58	16° 7	28°40	15°47	24°14	6° 5	4°50	28° 1	n.a.	S 4
S 5	22 48 17	10° 3'53	9♈34	24°19	3°18	27°50	18°11	16°10	28°38	15°49	24°16	5°55	4°47	28° 8	n.a.	S 5
M 6	22 52 13	11° 3'06	23°10	25°53	4°33	27°33	18°24	16°13	28°35	15°50	24°18	5°46	4°44	28°14	n.a.	M 6
T 7	22 56 10	12° 2'21	6♉54	27°25	5°47	27°16	18°37	16°16	28°33	15°51	24°21	5°39	4°41	28°21	n.a.	T 7
W 8	23 0 7	13° 1'39	20°46	28°56	7° 1	26°57	18°50	16°18	28°31	15°52	24°23	5°34	4°38	28°28	n.a.	W 8
T 9	23 4 3	14° 0'59	4♊45	0♎27	8°15	26°39	19° 3	16°21	28°28	15°54	24°25	5°32	4°34	28°34	n.a.	T 9
F 10	23 8 0	15° 0'22	18°48	1°57	9°29	26°20	19°16	16°23	28°26	15°55	24°28	5°D32	4°31	28°41	n.a.	F 10
S 11	23 11 56	15°59'47	2♋56	3°26	10°43	26° 1	19°29	16°25	28°24	15°56	24°30	5°R32	4°28	28°48	n.a.	S 11
S 12	23 15 53	16°59'14	17° 8	4°54	11°57	25°41	19°43	16°27	28°21	15°58	24°32	5°32	4°25	28°54	n.a.	S 12
M13	23 19 49	17°58'44	1♌22	6°22	13°11	25°22	19°56	16°29	28°19	15°59	24°35	5°29	4°22	29° 1	n.a.	M13
T 14	23 23 46	18°58'16	15°34	7°49	14°25	25° 2	20° 9	16°31	28°16	16° 0	24°37	5°24	4°18	29° 8	n.a.	T 14
W15	23 27 42	19°57'51	29°42	9°15	15°39	24°42	20°22	16°33	28°14	16° 2	24°40	5°17	4°15	29°14	n.a.	W15
T 16	23 31 39	20°57'27	13♍40	10°40	16°53	24°21	20°35	16°35	28°12	16° 3	24°42	5° 6	4°12	29°21	n.a.	T 16
F 17	23 35 36	21°57'06	27°25	12° 4	18° 7	24° 1	20°48	16°36	28° 9	16° 5	24°44	4°54	4° 9	29°28	n.a.	F 17
S 18	23 39 32	22°56'47	10♎52	13°27	19°21	23°41	21° 1	16°38	28° 7	16° 6	24°47	4°41	4° 6	29°34	n.a.	S 18
S 19	23 43 29	23°56'30	23°58	14°49	20°35	23°21	21°14	16°39	28° 4	16° 8	24°49	4°30	4° 3	29°41	n.a.	S 19
M20	23 47 25	24°56'15	6♏45	16°10	21°49	23° 1	21°27	16°41	28° 2	16° 9	24°52	4°20	3°59	29°47	n.a.	M20
T 21	23 51 22	25°56'01	19°12	17°31	23° 3	22°42	21°40	16°42	27°59	16°11	24°54	4°12	3°56	29°54	n.a.	T 21
W22	23 55 18	26°55'50	1♐22	18°50	24°17	22°22	21°53	16°43	27°57	16°12	24°57	4° 7	3°53	0♉ 1	n.a.	W22
T 23	23 59 15	27°55'41	13°19	20° 8	25°31	22° 3	22° 6	16°44	27°54	16°14	24°59	4° 5	3°50	0° 7	n.a.	T 23
F 24	0 3 11	28°55'33	25° 9	21°24	26°45	21°45	22°19	16°45	27°52	16°16	25° 1	4° 4	3°47	0°14	n.a.	F 24
S 25	0 7 8	29°55'27	6♉57	22°39	27°59	21°26	22°32	16°45	27°50	16°17	25° 4	4° 4	3°43	0°21	n.a.	S 25
S 26	0 11 4	0♎55'23	18°48	23°53	29°13	21° 8	22°46	16°46	27°47	16°19	25° 6	4° 4	3°40	0°27	n.a.	S 26
M27	0 15 1	1°55'21	0♒48	25° 5	0♏27	20°51	22°59	16°46	27°45	16°21	25° 9	4° 2	3°37	0°34	n.a.	M27
T 28	0 18 58	2°55'20	13° 2	26°15	1°41	20°34	23°12	16°47	27°42	16°23	25°11	3°57	3°34	0°41	n.a.	T 28
W29	0 22 54	3°55'21	25°33	27°24	2°55	20°18	23°25	16°47	27°40	16°24	25°13	3°50	3°31	0°47	n.a.	W29
T 30	0 26 51	4♎55'24	8♓24	28♎30	4♏ 9	20♓ 2	23♍38	16♊47	27♓37	16♏26	25♍16	3♉40	3♉28	0♉54	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	9n22	12s36	3n20	5n 9	0n23	1n22	0n46	4s43	4s40	6n10	1n12	21n50	1s 8	1s10	0s45	15s 5	1n43	17n38	16n43	23s32	23s36	24s20		n.a.
T 2	9 0	7 44	4 5	4 24	0 16	0 50	0 44	4 48	4 39	6 5	1 12	21 50	1 8	1 11	0 45	15 6	1 43	17 37	16 43	23 32	23 36	24 19		n.a.
F 3	8 37	2 27	4 39	3 40	0 9	0 18	0 42	4 53	4 37	5 59	1 12	21 50	1 8	1 12	0 45	15 6	1 43	17 35	16 42	23 33	23 36	24 18		n.a.
S 4	8 15	3n 2	4 59	2 56	0 2	0s14	0 39	4 58	4 36	5 54	1 12	21 50	1 8	1 13	0 45	15 6	1 43	17 34	16 42	23 33	23 36	24 18		n.a.
S 5	7 53	8 28	5 3	2 12	0s 5	0 46	0 37	5 3	4 34	5 49	1 12	21 51	1 8	1 14	0 45	15 7	1 42	17 33	16 42	23 34	23 36	24 17		n.a.
M 6	7 30	13 34	4 50	1 28	0 12	1 18	0 35	5 8	4 32	5 44	1 12	21 51	1 8	1 15	0 45	15 7	1 42	17 32	16 42	23 34	23 37	24 16		n.a.
T 7	7 7	18 3	4 20	0 45	0 19	1 50	0 32	5 13	4 30	5 39	1 12	21 51	1 8	1 16	0 45	15 8	1 42	17 31	16 42	23 34	23 37	24 15		n.a.
W 8	6 44	21 35	3 34	0 1	0 26	2 21	0 30	5 19	4 28	5 34	1 12	21 51	1 8	1 17	0 45	15 8	1 42	17 30	16 42	23 35	23 37	24 14		n.a.
T 9	6 21	23 52	2 36	0s42	0 33	2 53	0 27	5 24	4 26	5 28	1 12	21 52	1 8	1 18	0 45	15 8	1 42	17 29	16 42	23 35	23 37	24 14		n.a.
F 10	5 58	24 41	1 28	1 24	0 41	3 25	0 25	5 29	4 23	5 23	1 12	21 52	1 8	1 19	0 45	15 9	1 42	17 28	16 42	23 35	23 37	24 13		n.a.
S 11	5 35	23 54	0 14	2 7	0 48	3 57	0 22	5 35	4 21	5 18	1 12	21 52	1 8	1 20	0 45	15 9	1 42	17 27	16 41	23 35	23 37	24 12		n.a.
S 12	5 12	21 34	1s 1	2 48	0 55	4 28	0 20	5 40	4 18	5 13	1 12	21 52	1 8	1 21	0 45	15 10	1 42	17 26	16 41	23 35	23 37	24 11		n.a.
M13	4 48	17 55	2 13	3 30	1 2	5 0	0 17	5 46	4 15	5 8	1 12	21 52	1 8	1 21	0 45	15 10	1 42	17 25	16 41	23 35	23 37	24 10		n.a.
T 14	4 25	13 14	3 15	4 11	1 9	5 31	0 14	5 51	4 13	5 3	1 12	21 53	1 8	1 22	0 45	15 11	1 42	17 24	16 41	23 35	23 37	24 9		n.a.
W15	4 1	7 52	4 6	4 52	1 16	6 3	0 12	5 56	4 10	4 57	1 12	21 53	1 8	1 23	0 45	15 11	1 42	17 23	16 41	23 35	23 38	24 9		n.a.
T 16	3 37	2 11	4 41	5 32	1 23	6 34	0 9	6 2	4 7	4 52	1 12	21 53	1 8	1 24	0 45	15 12	1 42	17 22	16 41	23 36	23 38	24 8		n.a.
F 17	3 14	3s31	4 58	6 11	1 30	7 5	0 6	6 7	4 3	4 47	1 12	21 53	1 8	1 25	0 45	15 12	1 42	17 21	16 41	23 36	23 38	24 7		n.a.
S 18	2 50	8 55	4 59	6 50	1 36	7 36	0 3	6 12	4 0	4 42	1 12	21 53	1 8	1 26	0 45	15 13	1 42	17 20	16 41	23 37	23 38	24 6		n.a.
S 19	2 26	13 47	4 44	7 29	1 43	8 7	0 1	6 17	3 57	4 37	1 12	21 53	1 8	1 27	0 45	15 13	1 42	17 19	16 41	23 37	23 38	24 5		n.a.
M20	2 2	17 55	4 15	8 7	1 49	8 37	0s 2	6 22	3 53	4 31	1 12	21 53	1 8	1 28	0 45	15 14	1 42	17 18	16 41	23 37	23 38	24 4		n.a.
T 21	1 38	21 8	3 34	8 43	1 56	9 8	0 5	6 26	3 50	4 26	1 12	21 53	1 8	1 29	0 45	15 14	1 42	17 17	16 41	23 38	23 38	24 3		n.a.
W22	1 14	23 20	2 44	9 20	2 2	9 38	0 8	6 30	3 46	4 21	1 12	21 53	1 8	1 30	0 45	15 15	1 42	17 16	16 41	23 38	23 38	24 3		n.a.
T 23	0 50	24 25	1 48	9 55	2 8	10 8	0 11	6 35	3 42	4 16	1 12	21 54	1 8	1 31	0 45	15 15	1 42	17 15	16 41	23 38	23 38	24 2		n.a.
F 24	0 26	24 23	0 47	10 30	2 14	10 38	0 13	6 39	3 38	4 11	1 12	21 54	1 8	1 32	0 45	15 16	1 41	17 14	16 41	23 38	23 38	24 1		n.a.
S 25	0 2	23 15	0n15	11 3	2 19	11 7	0 16	6 42	3 34	4 5	1 12	21 54	1 8	1 33	0 45	15 16	1 41	17 13	16 41	23 38	23 39	24 0		n.a.
S 26	0s22	21 5	1 17	11 36	2 24	11 37	0 19	6 46	3 31	4 0	1 12	21 54	1 8	1 34	0 45	15 17	1 41	17 12	16 41	23 38	23 39	23 59		n.a.
M27	0 46	17 58	2 17	12 7	2 29	12 6	0 22	6 49	3 27	3 55	1 12	21 54	1 8	1 35	0 45	15 17	1 41	17 12	16 41	23 38	23 39	23 58		n.a.
T 28	1 10	14 2	3 11	12 38	2 34	12 34	0 25	6 52	3 23	3 50	1 12	21 54	1 9	1 36	0 45	15 18	1 41	17 11	16 42	23 38	23 39	23 57		n.a.
W29	1 35	9 26	3 57	13 7	2 38	13 3	0 28	6 55	3 18	3 45	1 12	21 54	1 9	1 37	0 45	15 18	1 41	17 10	16 42	23 38	23 39	23 56		n.a.
T 30	1s59	4s18	4n32	13s34	2s42	13s31	0s31	6s58	3s14	3n39	1n12	21n54	1s 9	1s38	0s45	15s19	1n41	17n 9	16n42	23s39	23s39	23s55		n.a.

Julian Day Number = 1721301.5, Delta T = 02h55m50s
Ecliptic obliquity = 23°41'43, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°03'57, Lahiri = - 3°56'57 Julian Calendar 1 Sept. 1 BCE == Greg. Calendar 30 Aug. 001 BCE

The year 000 astronomical counting style corresponds to year 001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1 BCE
geocentric

OCTOBER 1 BCE (0) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 30 47	5♎55'29	21♓36	29♎33	5♏22	19°R47	23♍50	16°R47	27°R35	16♏28	25♍18	3°R28	3♉24	1♉ 1	n.a.	F 1
S 2	0 34 44	6°55'35	5♈ 9	0♏34	6°36	19♓32	24° 3	16♊47	27♓32	16°30	25°20	3♉15	3°21	1° 7	n.a.	S 2
S 3	0 38 40	7°55'44	18°58	1°32	7°50	19°18	24°16	16°47	27°30	16°32	25°23	3° 3	3°18	1°14	n.a.	S 3
M 4	0 42 37	8°55'54	3♉ 0	2°26	9° 4	19° 5	24°29	16°47	27°28	16°34	25°25	2°52	3°15	1°20	n.a.	M 4
T 5	0 46 33	9°56'07	17°10	3°17	10°18	18°53	24°42	16°46	27°25	16°35	25°27	2°43	3°12	1°27	n.a.	T 5
W 6	0 50 30	10°56'21	1♊24	4° 4	11°31	18°41	24°55	16°46	27°23	16°37	25°30	2°37	3° 9	1°34	n.a.	W 6
T 7	0 54 27	11°56'38	15°37	4°46	12°45	18°30	25° 8	16°45	27°21	16°39	25°32	2°35	3° 5	1°40	n.a.	T 7
F 8	0 58 23	12°56'57	29°47	5°23	13°59	18°19	25°21	16°44	27°18	16°41	25°34	2°D34	3° 2	1°47	n.a.	F 8
S 9	1 2 20	13°57'18	13♋54	5°54	15°12	18°10	25°33	16°43	27°16	16°43	25°37	2°R34	2°59	1°54	n.a.	S 9
S 10	1 6 16	14°57'41	27°55	6°18	16°26	18° 1	25°46	16°42	27°14	16°45	25°39	2°33	2°56	2° 0	n.a.	S 10
M11	1 10 13	15°58'07	11♌50	6°36	17°40	17°53	25°59	16°41	27°11	16°47	25°41	2°31	2°53	2° 7	n.a.	M11
T 12	1 14 9	16°58'34	25°39	6°46	18°53	17°46	26°12	16°40	27° 9	16°49	25°44	2°26	2°49	2°14	n.a.	T 12
W13	1 18 6	17°59'03	9♍21	6°R47	20° 7	17°40	26°24	16°39	27° 7	16°51	25°46	2°18	2°46	2°20	n.a.	W13
T 14	1 22 2	18°59'34	22°53	6°39	21°21	17°34	26°37	16°37	27° 4	16°53	25°48	2° 8	2°43	2°27	n.a.	T 14
F 15	1 25 59	20° 0'07	6♎14	6°22	22°34	17°29	26°49	16°36	27° 2	16°55	25°50	1°56	2°40	2°34	n.a.	F 15
S 16	1 29 56	21° 0'41	19°21	5°54	23°48	17°25	27° 2	16°34	27° 0	16°57	25°53	1°43	2°37	2°40	n.a.	S 16
S 17	1 33 52	22° 1'18	2♏13	5°17	25° 1	17°22	27°14	16°32	26°58	16°59	25°55	1°31	2°34	2°47	n.a.	S 17
M18	1 37 49	23° 1'56	14°48	4°29	26°15	17°20	27°27	16°31	26°56	17° 2	25°57	1°21	2°30	2°53	n.a.	M18
T 19	1 41 45	24° 2'35	27° 8	3°31	27°28	17°19	27°39	16°29	26°54	17° 4	25°59	1°13	2°27	3° 0	n.a.	T 19
W20	1 45 42	25° 3'16	9♐15	2°25	28°42	17°D18	27°52	16°27	26°52	17° 6	26° 2	1° 8	2°24	3° 7	n.a.	W20
T 21	1 49 38	26° 3'58	21°10	1°12	29°55	17°18	28° 4	16°24	26°50	17° 8	26° 4	1° 5	2°21	3°13	n.a.	T 21
F 22	1 53 35	27° 4'41	2♑59	29♎53	1♐ 9	17°19	28°16	16°22	26°47	17°10	26° 6	1°D 5	2°18	3°20	n.a.	F 22
S 23	1 57 31	28° 5'26	14°46	28°32	2°22	17°21	28°28	16°20	26°45	17°12	26° 8	1° 5	2°15	3°27	n.a.	S 23
S 24	2 1 28	29° 6'12	26°36	27°11	3°35	17°23	28°41	16°17	26°43	17°14	26°10	1°R 6	2°11	3°33	n.a.	S 24
M25	2 5 25	0♏ 6'59	8♒35	25°52	4°49	17°27	28°53	16°15	26°42	17°17	26°12	1° 5	2° 8	3°40	n.a.	M25
T 26	2 9 21	1° 7'47	20°48	24°39	6° 2	17°31	29° 5	16°12	26°40	17°19	26°14	1° 3	2° 5	3°47	n.a.	T 26
W27	2 13 18	2° 8'36	3♓20	23°33	7°15	17°36	29°17	16° 9	26°38	17°21	26°16	0°59	2° 2	3°53	n.a.	W27
T 28	2 17 14	3° 9'26	16°14	22°36	8°28	17°41	29°29	16° 6	26°36	17°23	26°18	0°52	1°59	4° 0	n.a.	T 28
F 29	2 21 11	4°10'18	29°34	21°50	9°42	17°48	29°41	16° 3	26°34	17°25	26°20	0°44	1°55	4° 7	n.a.	F 29
S 30	2 25 7	5°11'10	13♈19	21°15	10°55	17°55	29°53	16° 0	26°32	17°28	26°22	0°34	1°52	4°13	n.a.	S 30
S 31	2 29 4	6♏12'04	27♈27	20♎52	12♐ 8	18♓ 2	0♎ 4	15♊57	26♓31	17♏30	26♍24	0♉24	1♉49	4♉20	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2s23	1n 8	4n54	14s 0	2s45	13s59	0s33	7s 0	3s10	3n34	1n12	21n54	1s 9	1s39	0s45	15s19	1n41	17n 8	16n42	23s39	23s39	23s54		n.a.
S 2	2 47	6 39	5 0	14 25	2 48	14 26	0 36	7 2	3 6	3 29	1 12	21 54	1 9	1 40	0 45	15 20	1 41	17 7	16 42	23 39	23 39	23 53		n.a.
S 3	3 11	11 57	4 49	14 48	2 51	14 53	0 39	7 4	3 2	3 24	1 12	21 54	1 9	1 41	0 45	15 21	1 41	17 6	16 42	23 40	23 39	23 53		n.a.
M 4	3 35	16 43	4 20	15 9	2 53	15 20	0 42	7 5	2 58	3 19	1 12	21 53	1 9	1 42	0 45	15 21	1 41	17 6	16 42	23 40	23 39	23 52		n.a.
T 5	3 59	20 35	3 35	15 28	2 54	15 46	0 45	7 6	2 54	3 14	1 12	21 53	1 9	1 43	0 44	15 22	1 41	17 5	16 42	23 40	23 39	23 51		n.a.
W 6	4 22	23 13	2 37	15 44	2 54	16 12	0 48	7 7	2 49	3 9	1 12	21 53	1 9	1 44	0 44	15 22	1 41	17 4	16 42	23 40	23 39	23 50		n.a.
T 7	4 46	24 23	1 28	15 58	2 54	16 38	0 51	7 7	2 45	3 4	1 12	21 53	1 9	1 45	0 44	15 23	1 41	17 3	16 43	23 40	23 40	23 49		n.a.
F 8	5 10	23 56	0 15	16 10	2 53	17 3	0 53	7 8	2 41	2 59	1 12	21 53	1 9	1 46	0 44	15 23	1 41	17 2	16 43	23 40	23 40	23 48		n.a.
S 9	5 34	21 58	1s 0	16 18	2 50	17 28	0 56	7 8	2 37	2 53	1 12	21 53	1 9	1 47	0 44	15 24	1 41	17 2	16 43	23 40	23 40	23 47		n.a.
S 10	5 57	18 41	2 10	16 23	2 47	17 52	0 59	7 7	2 33	2 48	1 13	21 53	1 9	1 48	0 44	15 25	1 41	17 1	16 43	23 40	23 40	23 46		n.a.
M11	6 21	14 21	3 12	16 25	2 42	18 16	1 2	7 7	2 29	2 43	1 13	21 53	1 9	1 48	0 44	15 25	1 41	17 0	16 43	23 40	23 40	23 45		n.a.
T 12	6 44	9 18	4 2	16 23	2 37	18 39	1 4	7 6	2 24	2 38	1 13	21 53	1 9	1 49	0 44	15 26	1 41	16 59	16 43	23 40	23 40	23 44		n.a.
W13	7 8	3 51	4 38	16 16	2 29	19 2	1 7	7 5	2 20	2 33	1 13	21 52	1 9	1 50	0 44	15 27	1 41	16 59	16 44	23 40	23 40	23 43		n.a.
T 14	7 31	1s42	4 58	16 5	2 20	19 25	1 10	7 3	2 16	2 28	1 13	21 52	1 9	1 51	0 44	15 27	1 41	16 58	16 44	23 41	23 40	23 42		n.a.
F 15	7 54	7 6	5 1	15 50	2 10	19 46	1 12	7 1	2 12	2 23	1 13	21 52	1 9	1 52	0 44	15 28	1 41	16 57	16 44	23 41	23 40	23 41		n.a.
S 16	8 17	12 5	4 48	15 29	1 58	20 8	1 15	6 59	2 8	2 18	1 13	21 52	1 9	1 53	0 44	15 28	1 41	16 56	16 44	23 41	23 40	23 40		n.a.
S 17	8 40	16 26	4 20	15 3	1 44	20 29	1 17	6 57	2 4	2 13	1 13	21 52	1 9	1 54	0 44	15 29	1 41	16 56	16 45	23 41	23 40	23 39		n.a.
M18	9 3	19 57	3 40	14 32	1 28	20 49	1 20	6 54	2 0	2 8	1 13	21 52	1 9	1 55	0 44	15 30	1 41	16 55	16 45	23 41	23 40	23 38		n.a.
T 19	9 25	22 29	2 50	13 56	1 11	21 9	1 22	6 51	1 57	2 4	1 13	21 51	1 9	1 55	0 44	15 30	1 41	16 54	16 45	23 41	23 40	23 37		n.a.
W20	9 48	23 57	1 54	13 16	0 53	21 28	1 25	6 48	1 53	1 59	1 13	21 51	1 9	1 56	0 44	15 31	1 41	16 54	16 45	23 41	23 40	23 36		n.a.
T 21	10 10	24 16	0 53	12 32	0 33	21 46	1 27	6 44	1 49	1 54	1 13	21 51	1 9	1 57	0 44	15 31	1 40	16 53	16 46	23 41	23 40	23 35		n.a.
F 22	10 32	23 29	0n10	11 45	0 12	22 4	1 30	6 40	1 45	1 49	1 13	21 51	1 9	1 58	0 44	15 32	1 40	16 53	16 46	23 41	23 40	23 34		n.a.
S 23	10 54	21 40	1 13	10 56	0n 8	22 21	1 32	6 36	1 42	1 44	1 13	21 50	1 9	1 59	0 44	15 33	1 40	16 52	16 46	23 41	23 41	23 32		n.a.
S 24	11 16	18 54	2 12	10 8	0 29	22 38	1 34	6 32	1 38	1 39	1 14	21 50	1 9	1 59	0 44	15 33	1 40	16 51	16 47	23 41	23 41	23 31		n.a.
M25	11 38	15 18	3 7	9 21	0 49	22 54	1 36	6 27	1 34	1 34	1 14	21 50	1 9	2 0	0 44	15 34	1 40	16 51	16 47	23 41	23 41	23 30		n.a.
T 26	11 59	11 1	3 54	8 36	1 7	23 10	1 39	6 23	1 31	1 30	1 14	21 50	1 9	2 1	0 44	15 35	1 40	16 50	16 47	23 41	23 41	23 29		n.a.
W27	12 21	6 11	4 31	7 56	1 25	23 24	1 41	6 18	1 28	1 25	1 14	21 49	1 9	2 2	0 44	15 35	1 40	16 50	16 47	23 41	23 41	23 28		n.a.
T 28	12 42	0 57	4 56	7 20	1 40	23 39	1 43	6 12	1 24	1 20	1 14	21 49	1 9	2 2	0 44	15 36	1 40	16 49	16 48	23 42	23 41	23 27		n.a.
F 29	13 3	4n29	5 6	6 50	1 54	23 52	1 45	6 7	1 21	1 16	1 14	21 49	1 9	2 3	0 44	15 37	1 40	16 49	16 48	23 42	23 41	23 26		n.a.
S 30	13 23	9 53	4 58	6 27	2 5	24 5	1 47	6 1	1 18	1 11	1 14	21 48	1 9	2 4	0 44	15 37	1 40	16 48	16 48	23 42	23 41	23 25		n.a.
S 31	13s44	14n54	4n33	6s 9	2n14	24s17	1s49	5s55	1s14	1n 6	1n14	21n48	1s 9	2s 4	0s44	15s38	1n40	16n48	16n49	23s42	23s41	23s24		n.a.

Julian Day Number = 1721331.5, Delta T = 02h55m49s
Ecliptic obliquity = 23°41'43, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°03'53, Lahiri = - 3°56'53 Julian Calendar 1 Oct. 1 BCE == Greg. Calendar 29 Sept. 001 BCE

The year 000 astronomical counting style corresponds to year 001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1 BCE
geocentric

NOVEMBER 1 BCE (0) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 33 0	7♏12'58	11♉53	20°R40	13♐21	18♓11	0♎16	15°R54	26°R29	17♏32	26♍26	0°R16	1♑46	4♑27	n.a.	M 1
T 2	2 36 57	8°13'54	26°29	20°D39	14°34	18°20	0°28	15♊51	26♓27	17°34	26°28	0♑10	1°43	4°33	n.a.	T 2
W 3	2 40 54	9°14'51	11♊11	20♎49	15°47	18°30	0°39	15°47	26°26	17°37	26°30	0° 6	1°40	4°40	n.a.	W 3
T 4	2 44 50	10°15'50	25°49	21° 8	17° 0	18°40	0°51	15°44	26°24	17°39	26°32	0°D 4	1°36	4°46	n.a.	T 4
F 5	2 48 47	11°16'50	10♋20	21°36	18°13	18°51	1° 2	15°40	26°22	17°41	26°34	0° 5	1°33	4°53	n.a.	F 5
S 6	2 52 43	12°17'51	24°38	22°12	19°26	19° 3	1°14	15°36	26°21	17°43	26°36	0° 6	1°30	5° 0	n.a.	S 6
S 7	2 56 40	13°18'53	8♌44	22°55	20°38	19°15	1°25	15°33	26°20	17°46	26°38	0°R 7	1°27	5° 6	n.a.	S 7
M 8	3 0 36	14°19'57	22°34	23°44	21°51	19°28	1°36	15°29	26°18	17°48	26°39	0° 6	1°24	5°13	n.a.	M 8
T 9	3 4 33	15°21'02	6♍11	24°39	23° 4	19°41	1°47	15°25	26°17	17°50	26°41	0° 4	1°20	5°20	n.a.	T 9
W10	3 8 29	16°22'08	19°34	25°38	24°17	19°55	1°59	15°21	26°15	17°52	26°43	0° 0	1°17	5°26	n.a.	W10
T 11	3 12 26	17°23'15	2♎44	26°41	25°29	20°10	2°10	15°17	26°14	17°55	26°45	29♐54	1°14	5°33	n.a.	T 11
F 12	3 16 23	18°24'23	15°41	27°48	26°42	20°25	2°20	15°13	26°13	17°57	26°46	29°47	1°11	5°40	n.a.	F 12
S 13	3 20 19	19°25'32	28°25	28°58	27°55	20°41	2°31	15° 9	26°12	17°59	26°48	29°39	1° 8	5°46	n.a.	S 13
S 14	3 24 16	20°26'42	10♏58	0♏11	29° 7	20°57	2°42	15° 4	26°10	18° 1	26°50	29°32	1° 5	5°53	n.a.	S 14
M15	3 28 12	21°27'52	23°18	1°27	0♑19	21°14	2°53	15° 0	26° 9	18° 4	26°51	29°26	1° 1	6° 0	n.a.	M15
T 16	3 32 9	22°29'04	5♐27	2°44	1°32	21°31	3° 3	14°56	26° 8	18° 6	26°53	29°21	0°58	6° 6	n.a.	T 16
W17	3 36 5	23°30'16	17°27	4° 3	2°44	21°49	3°14	14°51	26° 7	18° 8	26°54	29°18	0°55	6°13	n.a.	W17
T 18	3 40 2	24°31'28	29°19	5°24	3°57	22° 7	3°24	14°47	26° 6	18°10	26°56	29°D17	0°52	6°19	n.a.	T 18
F 19	3 43 58	25°32'41	11♑ 6	6°46	5° 9	22°25	3°35	14°42	26° 5	18°13	26°57	29°18	0°49	6°26	n.a.	F 19
S 20	3 47 55	26°33'54	22°52	8° 9	6°21	22°45	3°45	14°38	26° 5	18°15	26°59	29°20	0°46	6°33	n.a.	S 20
S 21	3 51 52	27°35'07	4♒41	9°33	7°33	23° 4	3°55	14°33	26° 4	18°17	27° 0	29°22	0°42	6°39	n.a.	S 21
M22	3 55 48	28°36'21	16°38	10°58	8°45	23°24	4° 5	14°28	26° 3	18°19	27° 2	29°23	0°39	6°46	n.a.	M22
T 23	3 59 45	29°37'35	28°48	12°24	9°57	23°45	4°15	14°24	26° 2	18°22	27° 3	29°R24	0°36	6°53	n.a.	T 23
W24	4 3 41	0♐38'48	11♓16	13°51	11° 9	24° 6	4°25	14°19	26° 1	18°24	27° 4	29°23	0°33	6°59	n.a.	W24
T 25	4 7 38	1°40'02	24° 6	15°18	12°21	24°27	4°35	14°14	26° 1	18°26	27° 6	29°21	0°30	7° 6	n.a.	T 25
F 26	4 11 34	2°41'16	7♈23	16°46	13°32	24°48	4°44	14° 9	26° 0	18°28	27° 7	29°18	0°26	7°13	n.a.	F 26
S 27	4 15 31	3°42'29	21° 6	18°15	14°44	25°11	4°54	14° 5	26° 0	18°31	27° 8	29°15	0°23	7°19	n.a.	S 27
S 28	4 19 27	4°43'43	5♉17	19°44	15°55	25°33	5° 3	14° 0	25°59	18°33	27°10	29°11	0°20	7°26	n.a.	S 28
M29	4 23 24	5°44'57	19°52	21°13	17° 7	25°56	5°13	13°55	25°59	18°35	27°11	29° 8	0°17	7°33	n.a.	M29
T 30	4 27 21	6♐46'11	4♊45	22♏43	18♑18	26♓19	5♎22	13♊50	25♓58	18♏37	27♍12	29♐ 5	0♑14	7♑39	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s 4	19n12	3n49	5s58	2n22	24s28	1s50	5s49	1s11	1n 2	1n14	21n48	1s 9	2s 5	0s44	15s39	1n40	16n47	16n49	23s42	23s41	23s23		n.a.
T 2	14 24	22 20	2 51	5 53	2 27	24 39	1 52	5 42	1 8	0 57	1 14	21 47	1 9	2 6	0 44	15 39	1 40	16 47	16 50	23 42	23 41	23 22		n.a.
W 3	14 44	24 0	1 40	5 53	2 31	24 49	1 54	5 36	1 5	0 53	1 15	21 47	1 9	2 6	0 44	15 40	1 40	16 47	16 50	23 42	23 41	23 20		n.a.
T 4	15 3	24 1	0 23	5 58	2 34	24 58	1 55	5 29	1 2	0 48	1 15	21 47	1 9	2 7	0 44	15 40	1 40	16 46	16 50	23 42	23 41	23 19		n.a.
F 5	15 22	22 22	0s55	6 7	2 35	25 6	1 57	5 22	0 59	0 44	1 15	21 46	1 9	2 7	0 44	15 41	1 40	16 46	16 51	23 42	23 41	23 18		n.a.
S 6	15 41	19 19	2 9	6 21	2 34	25 14	1 58	5 14	0 56	0 39	1 15	21 46	1 9	2 8	0 44	15 42	1 40	16 45	16 51	23 42	23 41	23 17		n.a.
S 7	16 0	15 10	3 13	6 38	2 33	25 21	2 0	5 7	0 53	0 35	1 15	21 46	1 9	2 9	0 44	15 42	1 40	16 45	16 52	23 42	23 41	23 16		n.a.
M 8	16 19	10 16	4 6	6 59	2 31	25 27	2 1	4 59	0 50	0 30	1 15	21 45	1 9	2 9	0 44	15 43	1 40	16 45	16 52	23 42	23 41	23 15		n.a.
T 9	16 37	4 58	4 43	7 22	2 28	25 33	2 2	4 51	0 48	0 26	1 15	21 45	1 9	2 10	0 44	15 44	1 40	16 44	16 52	23 42	23 41	23 14		n.a.
W10	16 55	0s29	5 4	7 47	2 24	25 38	2 4	4 43	0 45	0 21	1 15	21 44	1 9	2 10	0 44	15 44	1 40	16 44	16 53	23 42	23 41	23 13		n.a.
T 11	17 12	5 49	5 9	8 14	2 19	25 42	2 5	4 35	0 42	0 17	1 16	21 44	1 9	2 11	0 44	15 45	1 40	16 44	16 53	23 42	23 41	23 11		n.a.
F 12	17 29	10 48	4 58	8 43	2 14	25 45	2 6	4 27	0 40	0 13	1 16	21 44	1 9	2 11	0 44	15 46	1 40	16 43	16 54	23 42	23 41	23 10		n.a.
S 13	17 46	15 15	4 32	9 13	2 9	25 47	2 7	4 18	0 37	0 9	1 16	21 43	1 9	2 12	0 44	15 46	1 40	16 43	16 54	23 42	23 41	23 9		n.a.
S 14	18 3	18 57	3 53	9 45	2 3	25 49	2 7	4 9	0 35	0 5	1 16	21 43	1 9	2 12	0 43	15 47	1 40	16 43	16 55	23 42	23 41	23 8		n.a.
M15	18 19	21 45	3 4	10 17	1 57	25 50	2 8	4 1	0 32	0 0	1 16	21 42	1 9	2 12	0 43	15 47	1 40	16 43	16 55	23 42	23 41	23 7		n.a.
T 16	18 35	23 31	2 6	10 50	1 50	25 50	2 9	3 51	0 30	0s 4	1 16	21 42	1 9	2 13	0 43	15 48	1 40	16 42	16 55	23 42	23 41	23 5		n.a.
W17	18 51	24 10	1 4	11 23	1 43	25 49	2 9	3 42	0 28	0 8	1 16	21 41	1 8	2 13	0 43	15 49	1 40	16 42	16 56	23 42	23 42	23 4		n.a.
T 18	19 6	23 41	0n 0	11 57	1 36	25 48	2 10	3 33	0 25	0 12	1 17	21 41	1 8	2 14	0 43	15 49	1 40	16 42	16 56	23 42	23 42	23 3		n.a.
F 19	19 21	22 10	1 4	12 31	1 29	25 46	2 10	3 23	0 23	0 16	1 17	21 41	1 8	2 14	0 43	15 50	1 40	16 42	16 57	23 42	23 42	23 2		n.a.
S 20	19 36	19 40	2 6	13 5	1 22	25 43	2 10	3 14	0 21	0 20	1 17	21 40	1 8	2 14	0 43	15 51	1 40	16 42	16 57	23 42	23 42	23 1		n.a.
S 21	19 50	16 21	3 2	13 39	1 15	25 39	2 11	3 4	0 19	0 24	1 17	21 40	1 8	2 15	0 43	15 51	1 40	16 42	16 58	23 42	23 42	22 59		n.a.
M22	20 4	12 21	3 51	14 12	1 8	25 35	2 11	2 54	0 17	0 28	1 17	21 39	1 8	2 15	0 43	15 52	1 40	16 42	16 58	23 42	23 42	22 58		n.a.
T 23	20 17	7 47	4 31	14 46	1 0	25 29	2 11	2 44	0 14	0 31	1 17	21 39	1 8	2 15	0 43	15 52	1 40	16 41	16 59	23 42	23 42	22 57		n.a.
W24	20 30	2 49	4 59	15 20	0 53	25 23	2 11	2 34	0 12	0 35	1 18	21 38	1 8	2 15	0 43	15 53	1 40	16 41	16 59	23 42	23 42	22 56		n.a.
T 25	20 43	2n25	5 13	15 53	0 45	25 17	2 10	2 23	0 10	0 39	1 18	21 38	1 8	2 15	0 43	15 54	1 40	16 41	17 0	23 42	23 42	22 55		n.a.
F 26	20 55	7 43	5 11	16 25	0 38	25 9	2 10	2 13	0 8	0 43	1 18	21 37	1 8	2 16	0 43	15 54	1 40	16 41	17 0	23 42	23 42	22 53		n.a.
S 27	21 7	12 49	4 52	16 57	0 31	25 1	2 10	2 2	0 7	0 46	1 18	21 37	1 8	2 16	0 43	15 55	1 40	16 41	17 1	23 42	23 42	22 52		n.a.
S 28	21 19	17 25	4 15	17 29	0 23	24 52	2 9	1 52	0 5	0 50	1 18	21 36	1 8	2 16	0 43	15 56	1 40	16 41	17 1	23 42	23 42	22 51		n.a.
M29	21 30	21 6	3 20	18 0	0 16	24 43	2 9	1 41	0 3	0 54	1 18	21 36	1 8	2 16	0 43	15 56	1 40	16 41	17 2	23 42	23 42	22 50		n.a.
T 30	21s40	23n27	2n10	18s30	0n 9	24s32	2s 8	1s30	0s 1	0s57	1n19	21n35	1s 8	2s16	0s43	15s57	1n40	16n41	17n 2	23s41	23s42	22s48		n.a.

Julian Day Number = 1721362.5, Delta T = 02h55m48s
Ecliptic obliquity = 23°41'42, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°03'49, Lahiri = - 3°56'49 Julian Calendar 1 Nov. 1 BCE == Greg. Calendar 30 Oct. 001 BCE

The year 000 astronomical counting style corresponds to year 001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1 BCE
geocentric

DECEMBER 1 BCE (0) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 31 17	7♐47'24	19♊48	24♏13	19♑29	26♓42	5♎31	13°R45	25°R58	18♏39	27♍13	29°R 4	0♑11	7♑46	n.a.	W 1
T 2	4 35 14	8°48'39	4♋51	25°44	20°40	27° 6	5°40	13♊40	25♓58	18°42	27°14	29°D 4	0° 7	7°53	n.a.	T 2
F 3	4 39 10	9°49'53	19°47	27°15	21°51	27°30	5°49	13°35	25°58	18°44	27°15	29♐ 4	0° 4	7°59	n.a.	F 3
S 4	4 43 7	10°51'07	4♌28	28°46	23° 2	27°55	5°57	13°30	25°57	18°46	27°16	29° 6	0° 1	8° 6	n.a.	S 4
S 5	4 47 3	11°52'21	18°50	0♐18	24°13	28°19	6° 6	13°25	25°57	18°48	27°17	29° 7	29♐58	8°12	n.a.	S 5
M 6	4 51 0	12°53'36	2♍50	1°50	25°24	28°44	6°15	13°20	25°57	18°50	27°18	29° 8	29°55	8°19	n.a.	M 6
T 7	4 54 57	13°54'51	16°28	3°22	26°35	29°10	6°23	13°15	25°D57	18°52	27°19	29°R 8	29°52	8°26	n.a.	T 7
W 8	4 58 53	14°56'05	29°45	4°55	27°45	29°35	6°31	13°10	25°57	18°54	27°20	29° 8	29°48	8°32	n.a.	W 8
T 9	5 2 50	15°57'20	12♎43	6°29	28°55	0♈ 1	6°39	13° 5	25°57	18°56	27°21	29° 6	29°45	8°39	n.a.	T 9
F 10	5 6 46	16°58'35	25°24	8° 2	0♒ 6	0°27	6°47	13° 0	25°58	18°58	27°22	29° 5	29°42	8°46	n.a.	F 10
S 11	5 10 43	17°59'50	7♏51	9°36	1°16	0°54	6°55	12°55	25°58	19° 0	27°22	29° 3	29°39	8°52	n.a.	S 11
S 12	5 14 39	19° 1'04	20° 6	11°11	2°26	1°21	7° 3	12°50	25°58	19° 2	27°23	29° 1	29°36	8°59	n.a.	S 12
M13	5 18 36	20° 2'19	2♐12	12°46	3°36	1°48	7°10	12°45	25°58	19° 5	27°24	29° 0	29°32	9° 6	n.a.	M13
T 14	5 22 32	21° 3'33	14°10	14°21	4°45	2°15	7°18	12°41	25°59	19° 7	27°25	28°59	29°29	9°12	n.a.	T 14
W15	5 26 29	22° 4'46	26° 2	15°57	5°55	2°42	7°25	12°36	25°59	19° 9	27°25	28°D59	29°26	9°19	n.a.	W15
T 16	5 30 26	23° 5'59	7♑50	17°33	7° 4	3°10	7°32	12°31	26° 0	19°10	27°26	28°59	29°23	9°26	n.a.	T 16
F 17	5 34 22	24° 7'11	19°37	19°10	8°14	3°38	7°40	12°26	26° 0	19°12	27°26	29° 0	29°20	9°32	n.a.	F 17
S 18	5 38 19	25° 8'23	1♒25	20°47	9°23	4° 6	7°46	12°21	26° 1	19°14	27°27	29° 0	29°17	9°39	n.a.	S 18
S 19	5 42 15	26° 9'34	13°17	22°25	10°32	4°34	7°53	12°16	26° 1	19°16	27°28	29° 0	29°13	9°46	n.a.	S 19
M20	5 46 12	27°10'44	25°16	24° 3	11°41	5° 3	8° 0	12°12	26° 2	19°18	27°28	29° 1	29°10	9°52	n.a.	M20
T 21	5 50 8	28°11'53	7♓26	25°42	12°49	5°32	8° 6	12° 7	26° 3	19°20	27°28	29° 1	29° 7	9°59	n.a.	T 21
W22	5 54 5	29°13'01	19°51	27°21	13°58	6° 1	8°13	12° 2	26° 3	19°22	27°29	29°R 1	29° 4	10° 6	n.a.	W22
T 23	5 58 1	0♑14'07	2♈35	29° 1	15° 6	6°30	8°19	11°58	26° 4	19°24	27°29	29°D 1	29° 1	10°12	n.a.	T 23
F 24	6 1 58	1°15'13	15°42	0♑42	16°14	6°59	8°25	11°53	26° 5	19°26	27°29	29° 1	28°58	10°19	n.a.	F 24
S 25	6 5 55	2°16'18	29°15	2°23	17°22	7°29	8°31	11°49	26° 6	19°27	27°30	29° 1	28°54	10°25	n.a.	S 25
S 26	6 9 51	3°17'21	13♉16	4° 4	18°30	7°59	8°36	11°44	26° 7	19°29	27°30	29° 2	28°51	10°32	n.a.	S 26
M27	6 13 48	4°18'23	27°43	5°47	19°37	8°29	8°42	11°40	26° 8	19°31	27°30	29° 2	28°48	10°39	n.a.	M27
T 28	6 17 44	5°19'25	12♊33	7°30	20°44	8°59	8°47	11°35	26° 9	19°33	27°30	29° 2	28°45	10°45	n.a.	T 28
W29	6 21 41	6°20'25	27°40	9°13	21°51	9°29	8°52	11°31	26°10	19°34	27°31	29°R 3	28°42	10°52	n.a.	W29
T 30	6 25 37	7°21'24	12♋54	10°57	22°58	9°59	8°57	11°27	26°11	19°36	27°31	29° 3	28°38	10°59	n.a.	T 30
F 31	6 29 34	8♑22'22	28♋ 7	12♑42	24♒ 5	10♈30	9♎ 2	11♊23	26♓13	19♏38	27♍31	29♐ 2	28♐35	11♑ 5	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	21s51	24n 9	0n51	19s 0	0n 2	24s21	2s 7	1s19	0n 1	1s 1	1n19	21n35	1s 7	2s16	0s43	15s57	1n40	16n41	17n 3	23s41	23s42	22s47			n.a.
T 2	22 0	23 4	0s32	19 29	0s 5	24 10	2 6	1 8	0 2	1 4	1 19	21 34	1 7	2 16	0 43	15 58	1 40	16 41	17 4	23 41	23 42	22 46			n.a.
F 3	22 10	20 22	1 52	19 57	0 12	23 57	2 5	0 56	0 4	1 7	1 19	21 34	1 7	2 16	0 43	15 58	1 40	16 41	17 4	23 41	23 42	22 45			n.a.
S 4	22 19	16 22	3 4	20 24	0 19	23 44	2 4	0 45	0 6	1 11	1 19	21 33	1 7	2 17	0 43	15 59	1 40	16 41	17 5	23 41	23 42	22 43			n.a.
S 5	22 27	11 30	4 2	20 51	0 26	23 31	2 3	0 34	0 7	1 14	1 20	21 33	1 7	2 17	0 43	16 0	1 40	16 42	17 5	23 42	23 42	22 42			n.a.
M 6	22 35	6 9	4 44	21 16	0 32	23 16	2 1	0 22	0 9	1 17	1 20	21 32	1 7	2 17	0 43	16 0	1 40	16 42	17 6	23 42	23 42	22 41			n.a.
T 7	22 43	0 39	5 9	21 41	0 39	23 1	2 0	0 11	0 11	1 20	1 20	21 32	1 7	2 16	0 43	16 1	1 40	16 42	17 6	23 42	23 42	22 39			n.a.
W 8	22 50	4s44	5 17	22 5	0 45	22 46	1 58	0n 1	0 12	1 23	1 20	21 31	1 7	2 16	0 43	16 1	1 40	16 42	17 7	23 42	23 42	22 38			n.a.
T 9	22 57	9 47	5 8	22 27	0 51	22 30	1 57	0 13	0 14	1 26	1 20	21 31	1 7	2 16	0 43	16 2	1 40	16 42	17 7	23 42	23 42	22 37			n.a.
F 10	23 3	14 20	4 44	22 49	0 57	22 13	1 55	0 25	0 15	1 30	1 21	21 30	1 7	2 16	0 42	16 2	1 40	16 42	17 8	23 41	23 42	22 35			n.a.
S 11	23 9	18 10	4 7	23 10	1 3	21 55	1 53	0 37	0 16	1 32	1 21	21 30	1 6	2 16	0 42	16 3	1 40	16 43	17 9	23 41	23 42	22 34			n.a.
S 12	23 14	21 9	3 20	23 29	1 8	21 37	1 51	0 49	0 18	1 35	1 21	21 29	1 6	2 16	0 42	16 3	1 40	16 43	17 9	23 41	23 42	22 33			n.a.
M13	23 19	23 10	2 23	23 47	1 13	21 19	1 49	1 1	0 19	1 38	1 21	21 28	1 6	2 16	0 42	16 4	1 40	16 43	17 10	23 41	23 42	22 31			n.a.
T 14	23 23	24 6	1 22	24 4	1 19	21 0	1 46	1 13	0 21	1 41	1 21	21 28	1 6	2 16	0 42	16 5	1 40	16 43	17 10	23 41	23 42	22 30			n.a.
W15	23 27	23 54	0 16	24 20	1 24	20 40	1 44	1 25	0 22	1 44	1 22	21 27	1 6	2 15	0 42	16 5	1 40	16 43	17 11	23 41	23 42	22 29			n.a.
T 16	23 31	22 39	0n49	24 34	1 28	20 20	1 41	1 38	0 23	1 46	1 22	21 27	1 6	2 15	0 42	16 6	1 41	16 44	17 11	23 41	23 42	22 27			n.a.
F 17	23 34	20 23	1 52	24 47	1 33	19 59	1 39	1 50	0 24	1 49	1 22	21 26	1 6	2 15	0 42	16 6	1 41	16 44	17 12	23 41	23 42	22 26			n.a.
S 18	23 36	17 17	2 51	24 59	1 37	19 38	1 36	2 2	0 26	1 52	1 22	21 26	1 6	2 15	0 42	16 7	1 41	16 44	17 13	23 41	23 42	22 25			n.a.
S 19	23 38	13 27	3 42	25 9	1 41	19 17	1 33	2 15	0 27	1 54	1 22	21 25	1 5	2 14	0 42	16 7	1 41	16 45	17 13	23 41	23 42	22 23			n.a.
M20	23 40	9 5	4 25	25 18	1 44	18 55	1 30	2 27	0 28	1 56	1 23	21 25	1 5	2 14	0 42	16 8	1 41	16 45	17 14	23 41	23 42	22 22			n.a.
T 21	23 41	4 18	4 56	25 25	1 48	18 32	1 27	2 40	0 29	1 59	1 23	21 25	1 5	2 14	0 42	16 8	1 41	16 45	17 14	23 41	23 42	22 21			n.a.
W22	23 42	0n45	5 14	25 31	1 51	18 9	1 24	2 53	0 30	2 1	1 23	21 24	1 5	2 13	0 42	16 9	1 41	16 46	17 15	23 41	23 41	22 19			n.a.
T 23	23 42	5 53	5 18	25 35	1 54	17 46	1 21	3 5	0 32	2 3	1 23	21 24	1 5	2 13	0 42	16 9	1 41	16 46	17 16	23 41	23 41	22 18			n.a.
F 24	23 41	10 55	5 5	25 38	1 56	17 22	1 17	3 18	0 33	2 6	1 24	21 23	1 5	2 13	0 42	16 9	1 41	16 47	17 16	23 41	23 41	22 17			n.a.
S 25	23 40	15 36	4 35	25 38	1 58	16 58	1 14	3 31	0 34	2 8	1 24	21 23	1 5	2 12	0 42	16 10	1 41	16 47	17 17	23 41	23 41	22 15			n.a.
S 26	23 39	19 36	3 48	25 38	2 0	16 33	1 10	3 44	0 35	2 10	1 24	21 22	1 4	2 12	0 42	16 10	1 41	16 47	17 17	23 41	23 41	22 14			n.a.
M27	23 37	22 33	2 46	25 35	2 1	16 8	1 6	3 57	0 36	2 12	1 24	21 22	1 4	2 11	0 42	16 11	1 41	16 48	17 18	23 41	23 41	22 12			n.a.
T 28	23 35	24 2	1 31	25 31	2 2	15 43	1 3	4 10	0 37	2 14	1 25	21 21	1 4	2 11	0 42	16 11	1 41	16 48	17 19	23 41	23 41	22 11			n.a.
W29	23 32	23 48	0 8	25 24	2 2	15 18	0 59	4 23	0 38	2 15	1 25	21 21	1 4	2 11	0 42	16 12	1 41	16 49	17 19	23 41	23 41	22 10			n.a.
T 30	23 29	21 48	1s16	25 16	2 3	14 52	0 54	4 35	0 39	2 17	1 25	21 20	1 4	2 10	0 42	16 12	1 41	16 49	17 20	23 41	23 41	22 8			n.a.
F 31	23s26	18n14	2s35	25s 6	2s 2	14s25	0s50	4n49	0n40	2s19	1n25	21n20	1s 4	2s 9	0s42	16s13	1n41	16n50	17n20	23s41	23s41	22s 7			n.a.

Julian Day Number = 1721392.5, Delta T = 02h55m47s
Ecliptic obliquity = 23°41'41, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 3°03'45, Lahiri = - 3°56'45 Julian Calendar 1 Dec. 1 BCE == Greg. Calendar 29 Nov. 001 BCE

The year 000 astronomical counting style corresponds to year 001 B.C.E historical counting style.

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